

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063023\
 Data File : VX036381.D
 Acq On : 30 Jun 2023 09:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/06/2023
 Supervised By : Mahesh Dadoda 07/07/2023

Quant Time: Jul 01 01:14:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	215311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	357892	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	162192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	146315	47.407	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.820%		
35) Dibromofluoromethane	5.379	113	120180	50.927	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.860%		
50) Toluene-d8	8.647	98	432206	49.036	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.080%		
62) 4-Bromofluorobenzene	11.079	95	157651	50.780	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	97060	47.615	ug/l	97
3) Chloromethane	1.294	50	133076	37.634	ug/l	100
4) Vinyl Chloride	1.374	62	204765	52.967	ug/l	98
5) Bromomethane	1.618	94	160675	56.801	ug/l	99
6) Chloroethane	1.691	64	128529	45.288	ug/l	96
7) Trichlorofluoromethane	1.886	101	266179	45.289	ug/l	100
8) Diethyl Ether	2.130	74	98780	43.537	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	122223	49.549	ug/l	96
10) Methyl Iodide	2.453	142	145938	48.827	ug/l	92
11) Tert butyl alcohol	3.014	59	140695	250.436	ug/l	96
12) 1,1-Dichloroethene	2.319	96	113604	46.427	ug/l	90
13) Acrolein	2.239	56	161811	209.721	ug/l	100
14) Allyl chloride	2.666	41	196230	49.346	ug/l	96
15) Acrylonitrile	3.068	53	318503	223.668	ug/l	99
16) Acetone	2.398	43	378834	287.172	ug/l	93
17) Carbon Disulfide	2.514	76	261206	43.465	ug/l	99
18) Methyl Acetate	2.703	43	249332	45.961	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	401569	50.781	ug/l	99
20) Methylene Chloride	2.788	84	129457	45.577	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	119635	45.817	ug/l	95
22) Diisopropyl ether	3.757	45	402962	50.571	ug/l #	84
23) Vinyl Acetate	3.721	43	1453865	251.421	ug/l	97
24) 1,1-Dichloroethane	3.605	63	231607	49.320	ug/l	99
25) 2-Butanone	4.556	43	481649	254.114	ug/l	96
26) 2,2-Dichloropropane	4.465	77	198674	59.652	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	147899	50.505	ug/l	92
28) Bromochloromethane	4.891	49	113740	46.701	ug/l	89
29) Tetrahydrofuran	5.007	42	273671	226.786	ug/l	95
30) Chloroform	5.086	83	240387	50.823	ug/l	97
31) Cyclohexane	5.471	56	184749	46.712	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	207845	52.607	ug/l	99
36) 1,1-Dichloropropene	5.684	75	169209	48.103	ug/l	97
37) Ethyl Acetate	4.708	43	172795	48.196	ug/l	98
38) Carbon Tetrachloride	5.672	117	179068	55.736	ug/l	97
39) Methylcyclohexane	7.379	83	208000	49.368	ug/l	93
40) Benzene	6.031	78	502480	51.135	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	96267	48.402	ug/l	94
42) 1,2-Dichloroethane	6.080	62	192837	51.594	ug/l	98
43) Isopropyl Acetate	6.330	43	293968	51.398	ug/l	97
44) Trichloroethene	7.123	130	137525	50.317	ug/l	96
45) 1,2-Dichloropropane	7.427	63	137544	51.394	ug/l	97
46) Dibromomethane	7.574	93	98802	52.447	ug/l	94
47) Bromodichloromethane	7.818	83	189252	55.552	ug/l	97
48) Methyl methacrylate	7.690	41	144723	50.749	ug/l	91
49) 1,4-Dioxane	7.720	88	62823	993.740	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	903114	245.090	ug/l	98
52) Toluene	8.714	92	317822	51.036	ug/l	94
53) t-1,3-Dichloropropene	8.976	75	206816	60.098	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	224236	57.642	ug/l	93
55) 1,1,2-Trichloroethane	9.147	97	134515	51.974	ug/l	94
56) Ethyl methacrylate	9.116	69	209347	54.079	ug/l	96
57) 1,3-Dichloropropane	9.305	76	231209	52.127	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	526101	241.826	ug/l	100
59) 2-Hexanone	9.427	43	707693	263.000	ug/l	97
60) Dibromochloromethane	9.519	129	146427	58.231	ug/l	100
61) 1,2-Dibromoethane	9.610	107	142251	51.792	ug/l	100
64) Tetrachloroethene	9.269	164	121637	52.922	ug/l	99
65) Chlorobenzene	10.079	112	353342	51.637	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	133348	57.653	ug/l	98
67) Ethyl Benzene	10.189	91	623188	51.227	ug/l	99
68) m/p-Xylenes	10.299	106	488641	103.386	ug/l	95
69) o-Xylene	10.640	106	238366	52.225	ug/l	97
70) Styrene	10.653	104	392057	52.463	ug/l	96
71) Bromoform	10.799	173	99984	60.268	ug/l #	99
73) Isopropylbenzene	10.963	105	614451	50.270	ug/l	97
74) N-amyl acetate	10.841	43	256157	52.983	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	204367	49.374	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	168532m	48.714	ug/l	
77) Bromobenzene	11.195	156	149332	49.686	ug/l	93
78) n-propylbenzene	11.305	91	724703	50.768	ug/l	99
79) 2-Chlorotoluene	11.360	91	423112	49.827	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	523141	50.539	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	62189	58.596	ug/l	89
82) 4-Chlorotoluene	11.451	91	493799	49.948	ug/l	96
83) tert-Butylbenzene	11.713	119	502638	50.668	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	517167	50.500	ug/l	95
85) sec-Butylbenzene	11.890	105	631050	50.213	ug/l	98
86) p-Isopropyltoluene	12.006	119	534717	50.698	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	281419	50.928	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	280613	49.872	ug/l	98
89) n-Butylbenzene	12.329	91	490098	52.213	ug/l	97
90) Hexachloroethane	12.536	117	91398	57.215	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	280190	51.496	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	41995	53.415	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	185734	55.420	ug/l	96
94) Hexachlorobutadiene	13.725	225	71343	51.978	ug/l	99
95) Naphthalene	13.774	128	593471	53.602	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	178872	54.716	ug/l	98

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VSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/07/2023

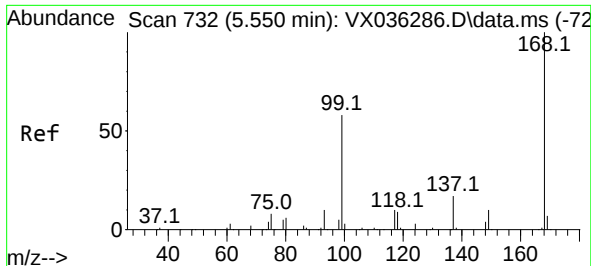
Quant Time: Jul 01 01:14:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
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QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

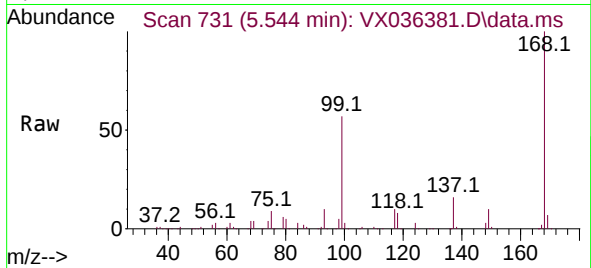
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Supervised By :Mahesh Dadoda 07/07/2023

Page: 4



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

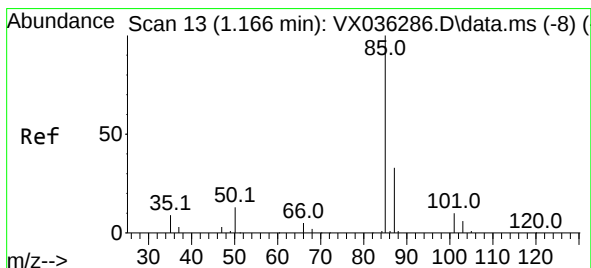
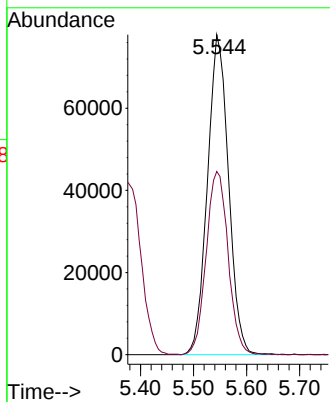
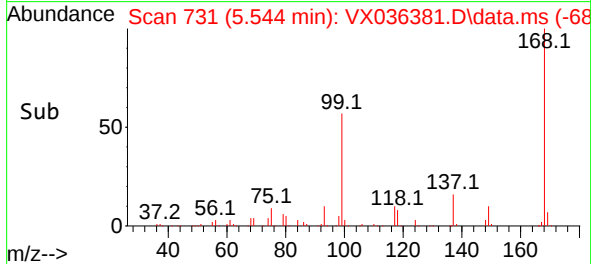
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 21531
Ion Ratio Lower Upper
168 100
99 57.1 56.6 85.0

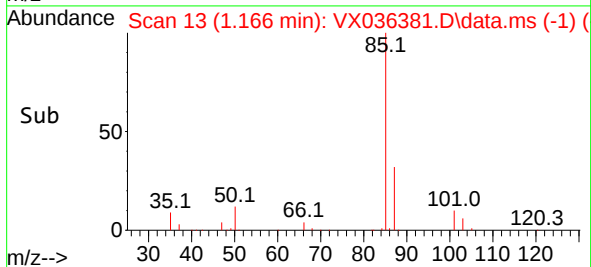
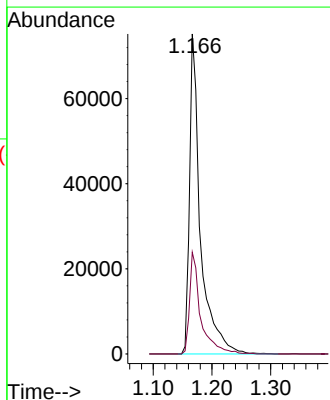
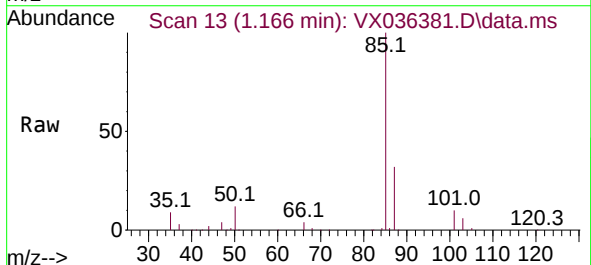
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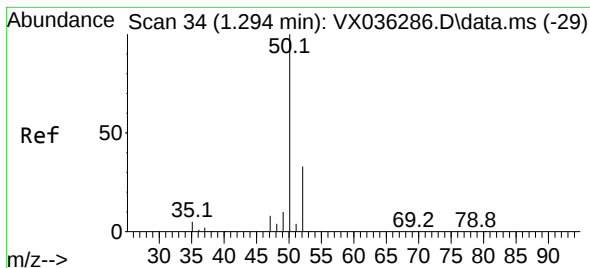
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#2
Dichlorodifluoromethane
Concen: 47.615 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Tgt Ion: 85 Resp: 97060
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.1





#3

Chloromethane

Concen: 37.634 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 133070

Ion Ratio Lower Upper

50 100

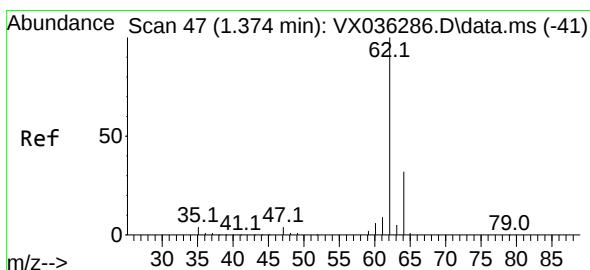
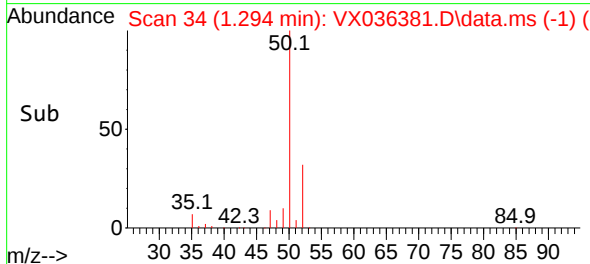
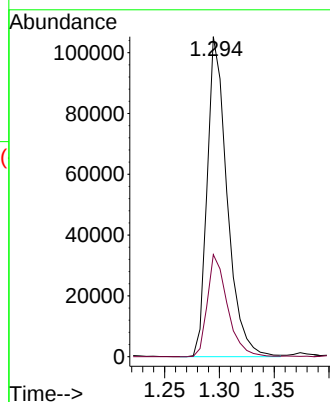
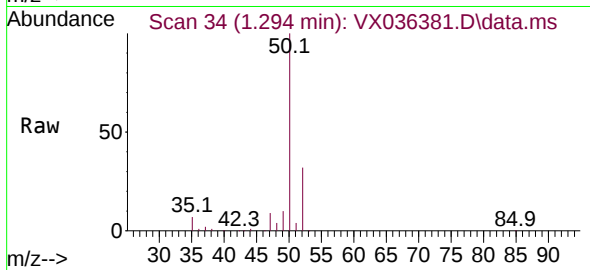
52 31.9 25.5 38.3

Manual Integrations

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Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#4

Vinyl Chloride

Concen: 52.967 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX036381.D

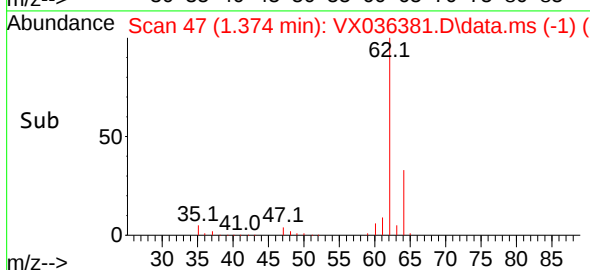
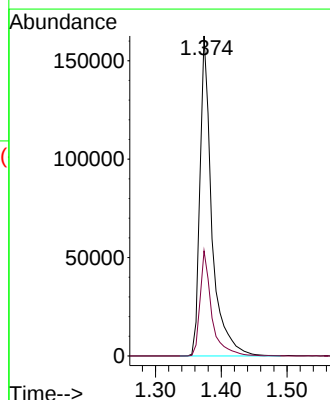
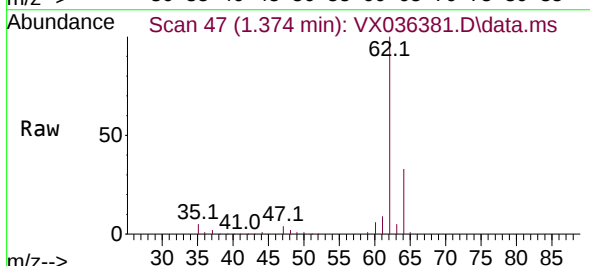
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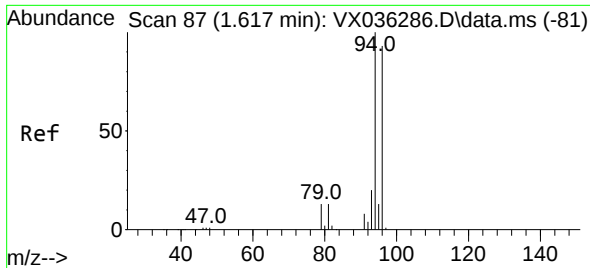
Tgt Ion: 62 Resp: 204765

Ion Ratio Lower Upper

62 100

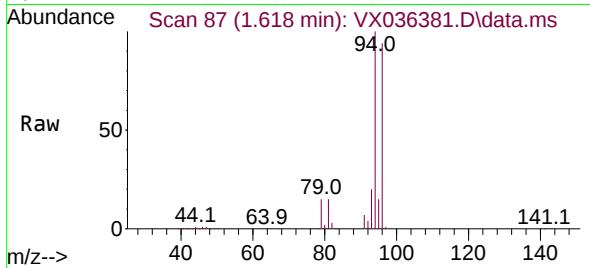
64 32.8 25.4 38.0





#5
Bromomethane
Concen: 56.801 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.001 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

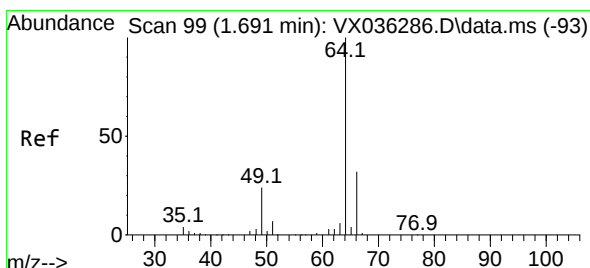
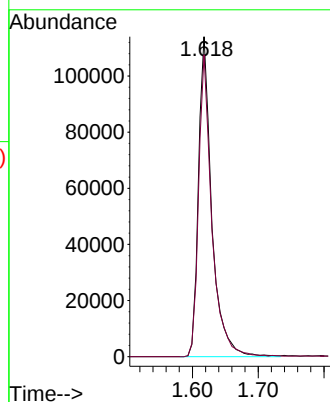
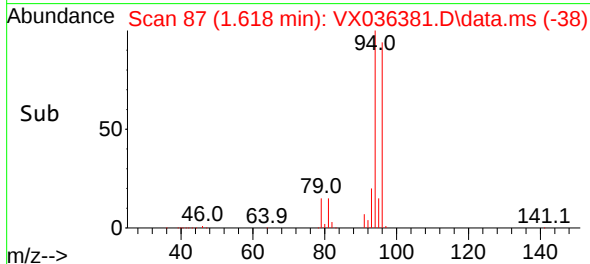
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 160679
Ion Ratio Lower Upper
94 100
96 94.3 74.6 111.8

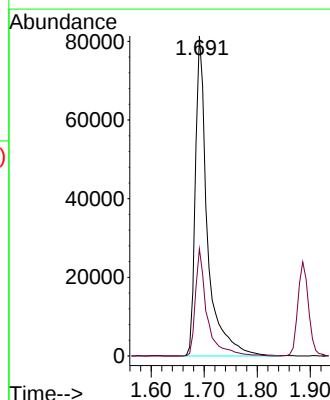
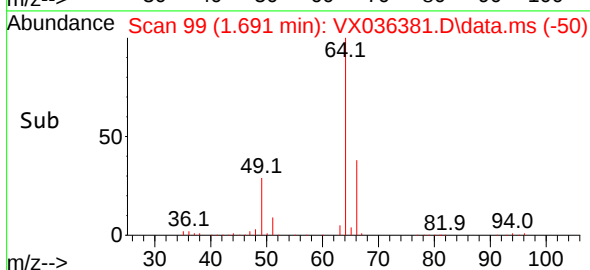
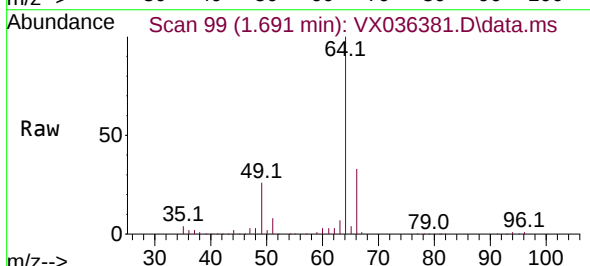
Manual Integrations
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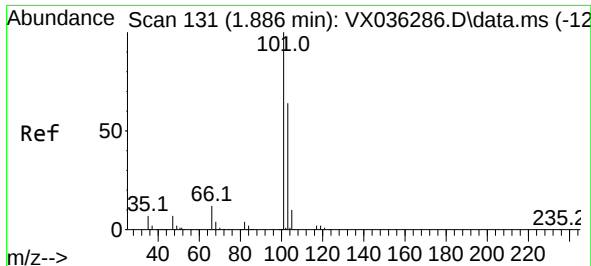
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#6
Chloroethane
Concen: 45.288 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

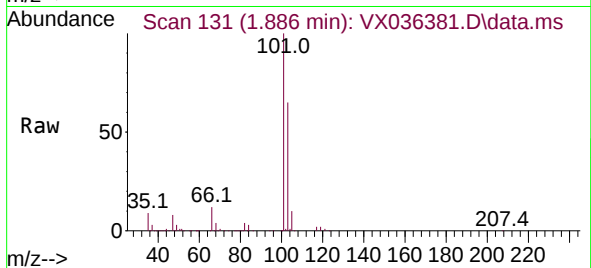
Tgt Ion: 64 Resp: 128529
Ion Ratio Lower Upper
64 100
66 33.5 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 45.289 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036381.D
 Acq: 30 Jun 2023 09:15

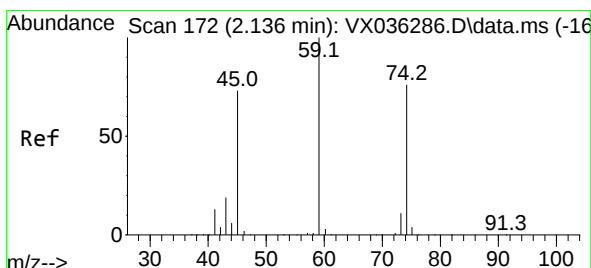
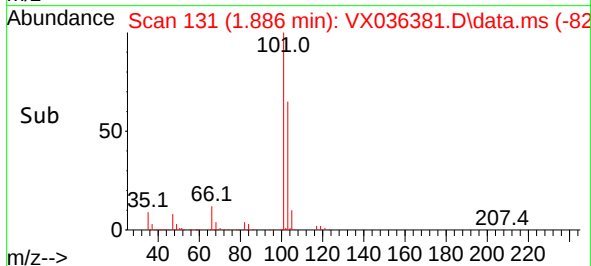
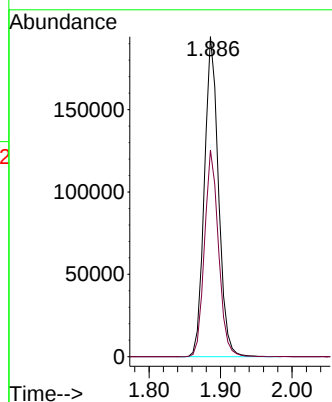
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 266179
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.2

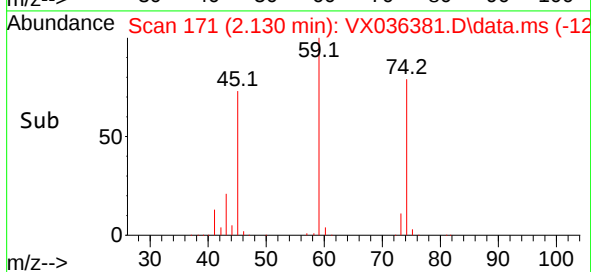
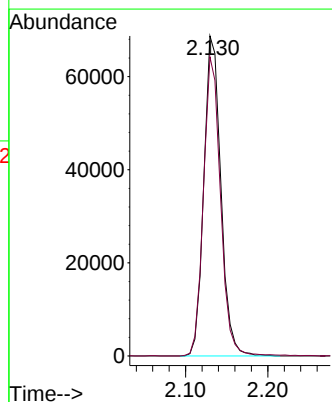
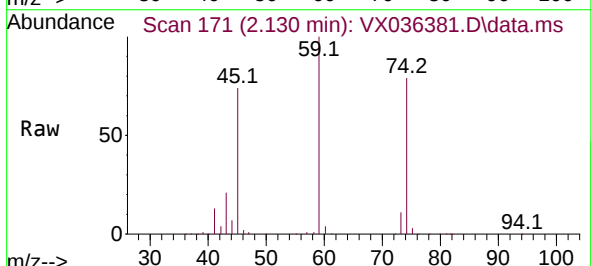
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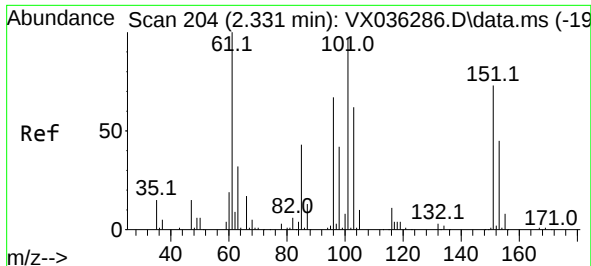
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/07/2023



#8
 Diethyl Ether
 Concen: 43.537 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.005 min
 Lab File: VX036381.D
 Acq: 30 Jun 2023 09:15

Tgt Ion: 74 Resp: 98780
 Ion Ratio Lower Upper
 74 100
 45 94.2 53.3 159.8





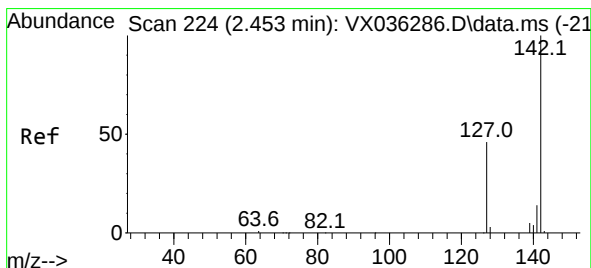
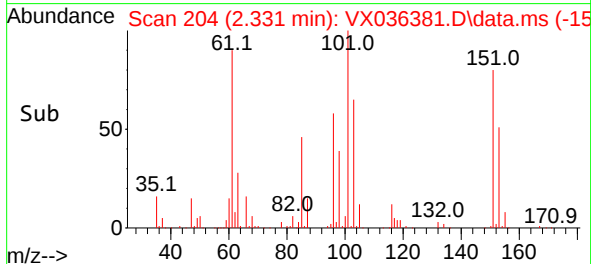
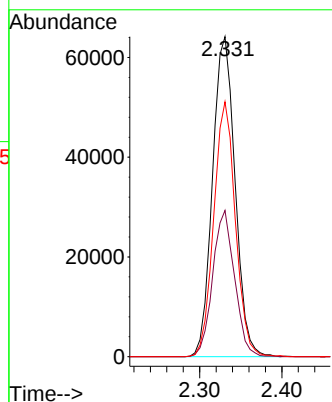
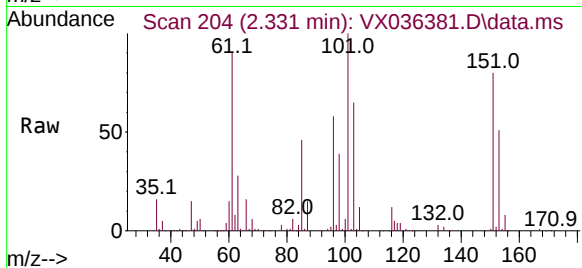
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.549 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 12222
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.6
151 76.7 58.6 87.8

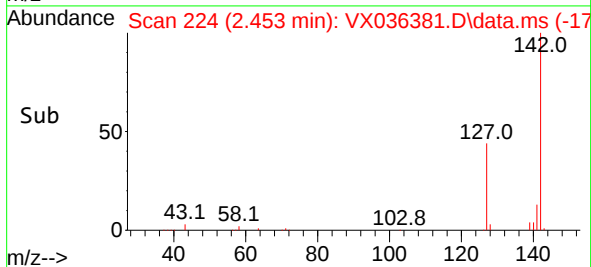
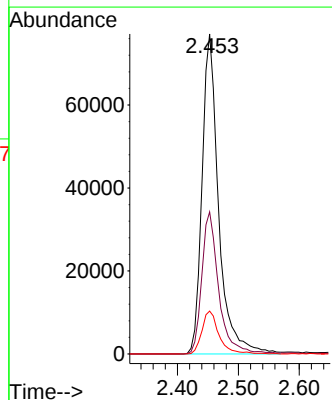
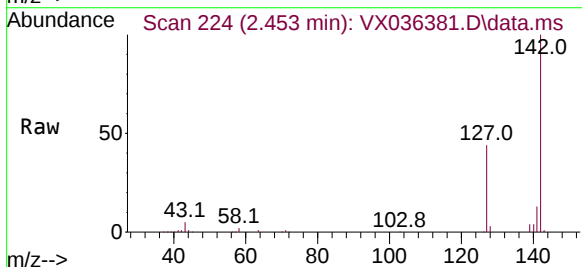
Manual Integrations
APPROVED

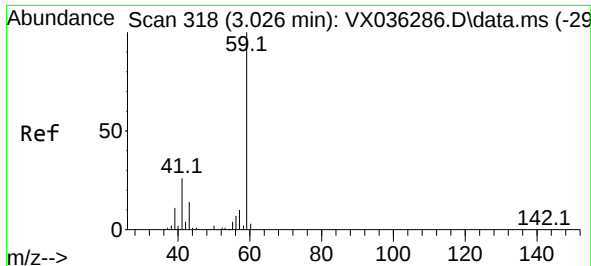
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#10
Methyl Iodide
Concen: 48.827 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

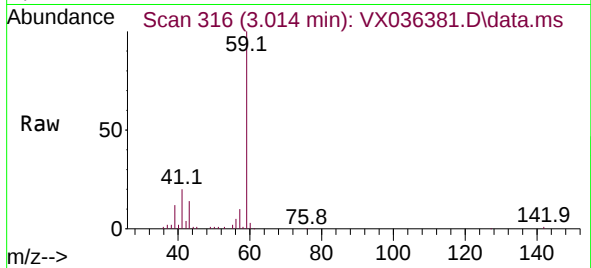
Tgt Ion:142 Resp: 145938
Ion Ratio Lower Upper
142 100
127 45.4 41.6 62.4
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 250.436 ug/l
RT: 3.014 min Scan# 318
Delta R.T. 0.001 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

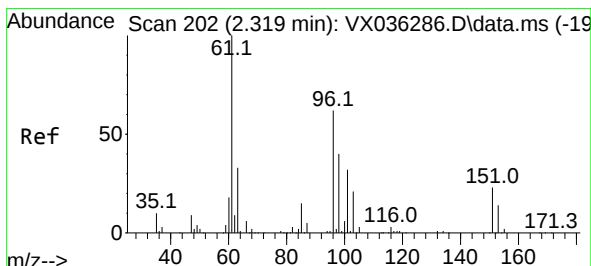
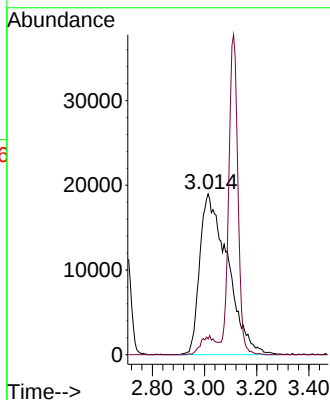
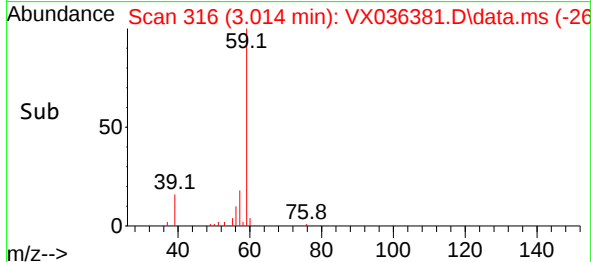
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



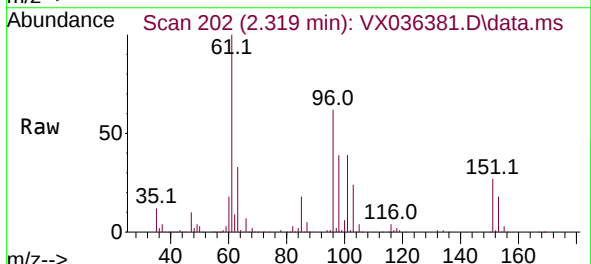
Tgt Ion: 59 Resp: 14069
Ion Ratio Lower Upper
59 100
57 6.1 6.0 9.0

Manual Integrations
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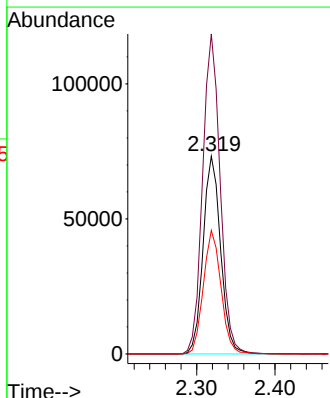
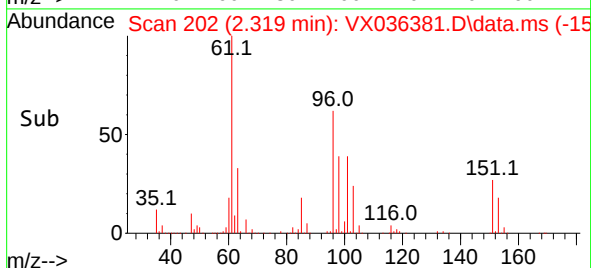
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

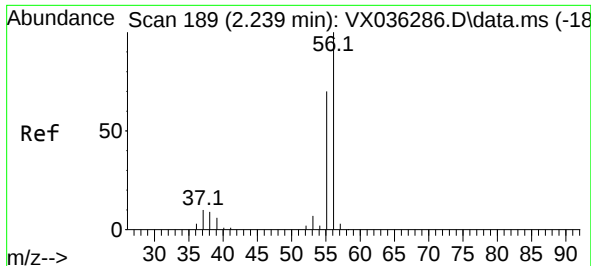


#12
1,1-Dichloroethene
Concen: 46.427 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15



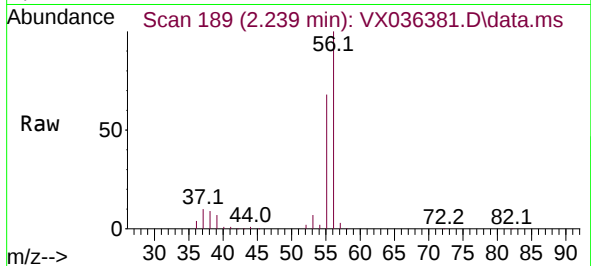
Tgt Ion: 96 Resp: 113604
Ion Ratio Lower Upper
96 100
61 161.8 144.6 216.8
98 62.5 50.4 75.6





#13
Acrolein
Concen: 209.721 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

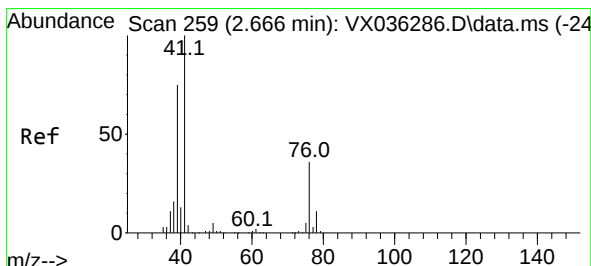
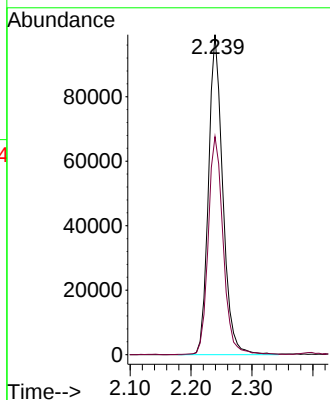
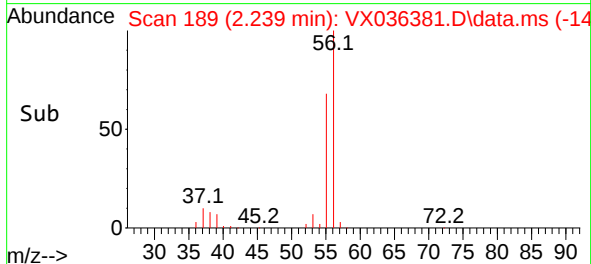
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



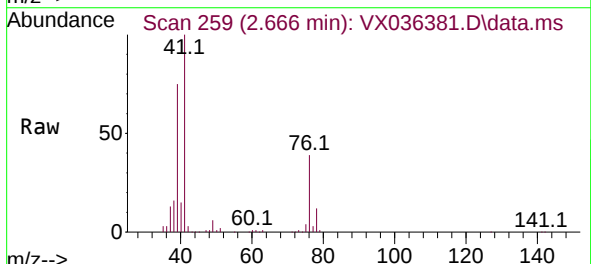
Tgt Ion: 56 Resp: 16181
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7

Manual Integrations
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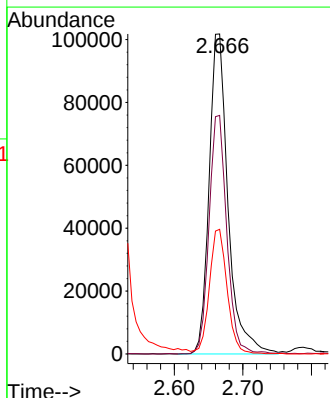
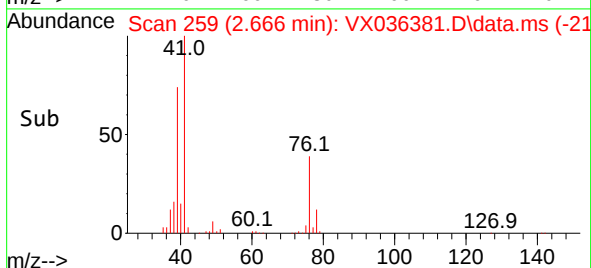
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

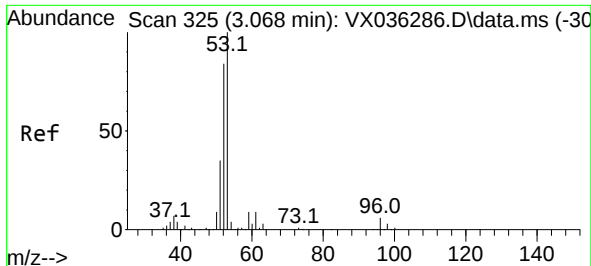


#14
Allyl chloride
Concen: 49.346 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15



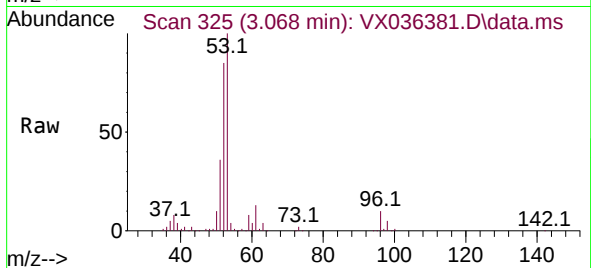
Tgt Ion: 41 Resp: 196230
Ion Ratio Lower Upper
41 100
39 70.1 55.8 83.6
76 36.2 24.3 36.5





#15
Acrylonitrile
Concen: 223.668 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

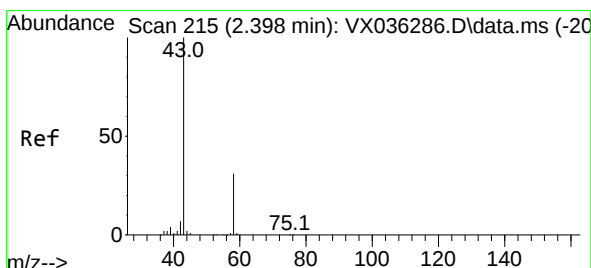
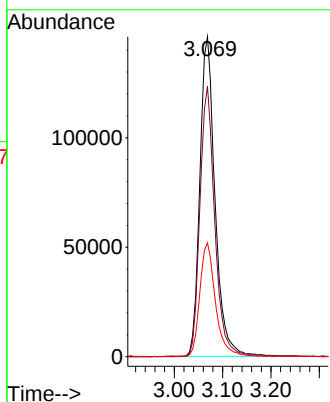
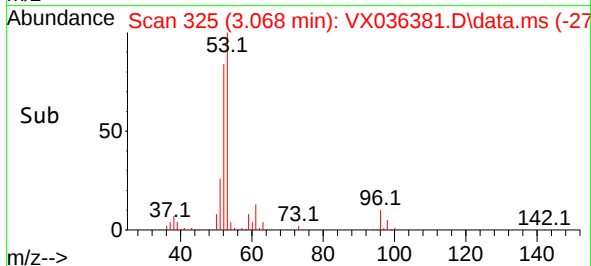
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



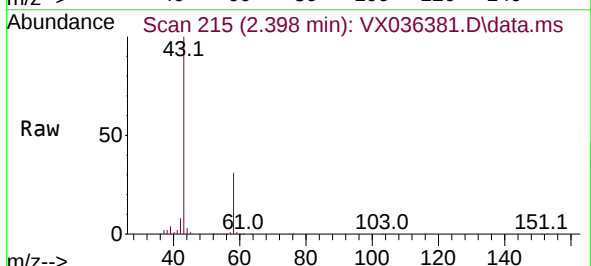
Tgt Ion: 53 Resp: 31850
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 36.2 29.8 44.6

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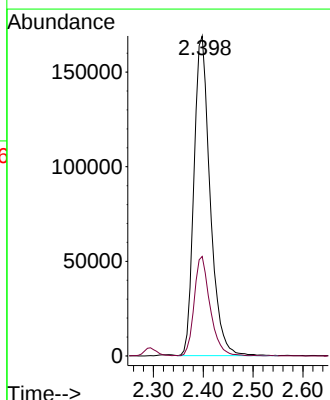
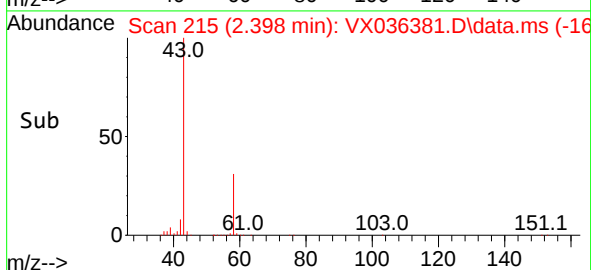
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

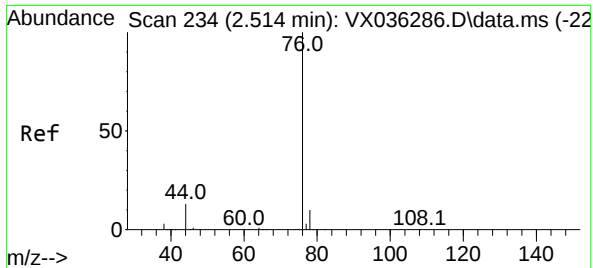


#16
Acetone
Concen: 287.172 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15



Tgt Ion: 43 Resp: 378834
Ion Ratio Lower Upper
43 100
58 31.1 21.9 32.9





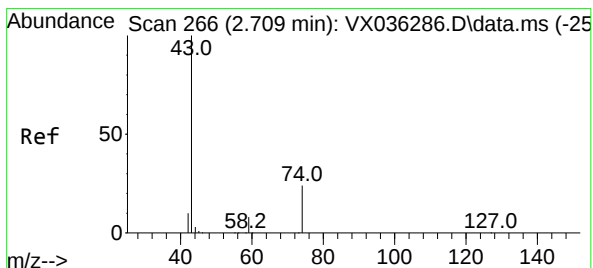
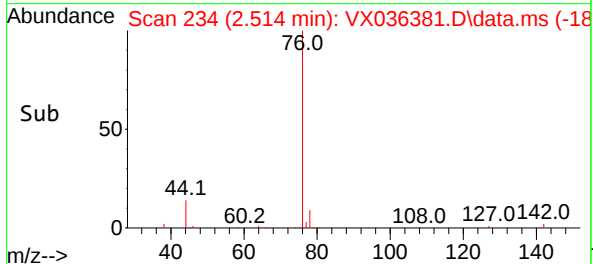
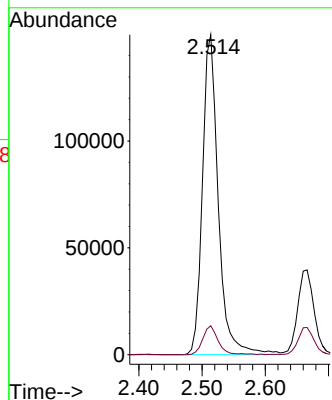
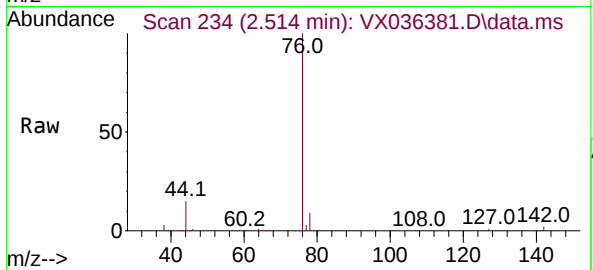
#17
Carbon Disulfide
Concen: 43.465 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 261200
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

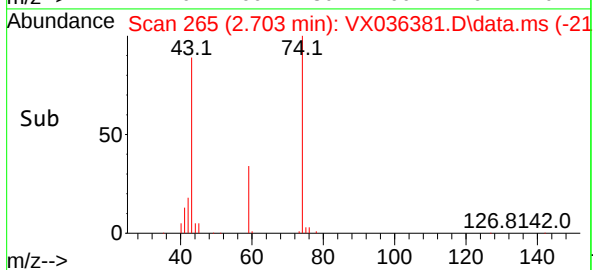
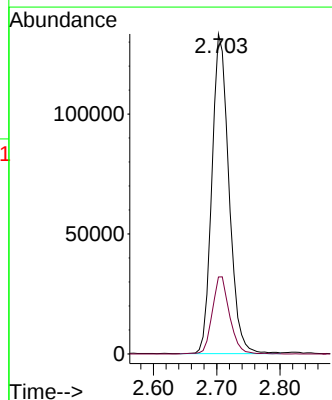
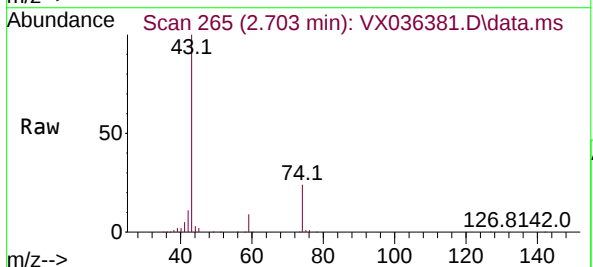
Manual Integrations
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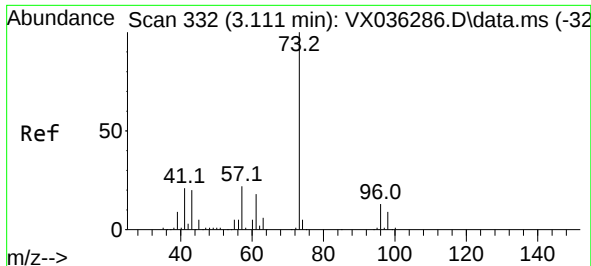
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#18
Methyl Acetate
Concen: 45.961 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Tgt Ion: 43 Resp: 249332
Ion Ratio Lower Upper
43 100
74 24.5 17.8 26.8





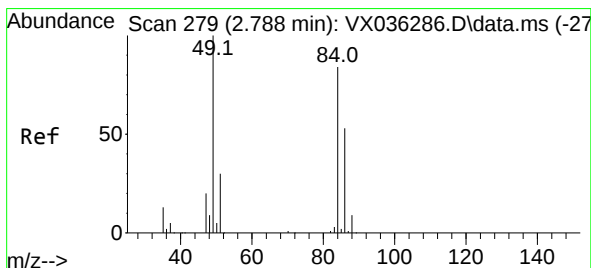
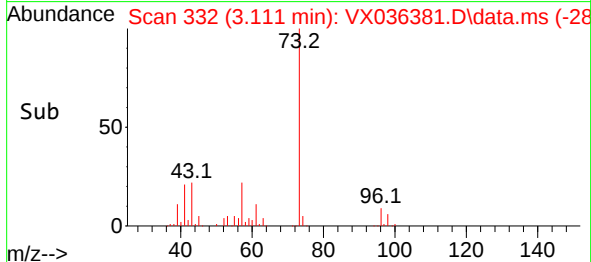
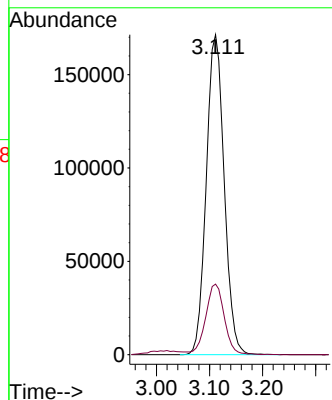
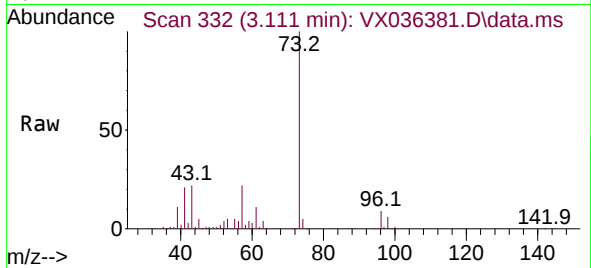
#19
Methyl tert-butyl Ether
Concen: 50.781 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 401569
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

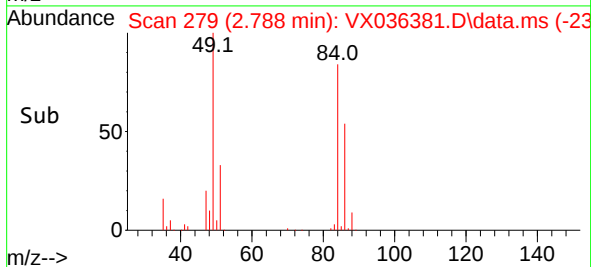
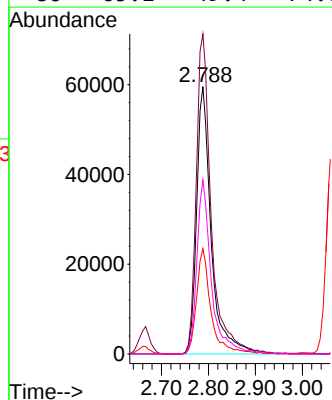
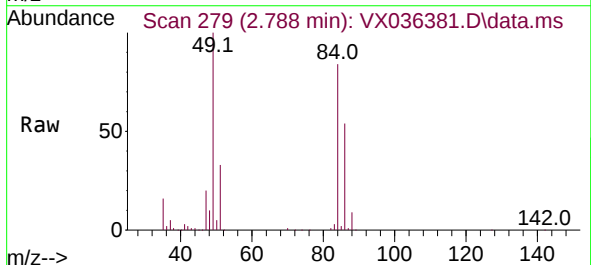
Manual Integrations
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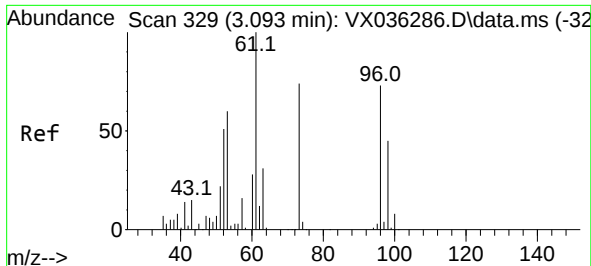
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#20
Methylene Chloride
Concen: 45.577 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

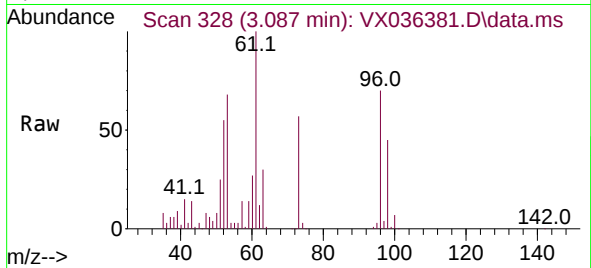
Tgt Ion: 84 Resp: 129457
Ion Ratio Lower Upper
84 100
49 119.7 103.6 155.4
51 39.4 33.8 50.6
86 65.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 45.817 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

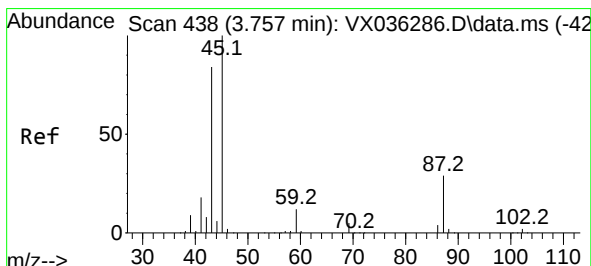
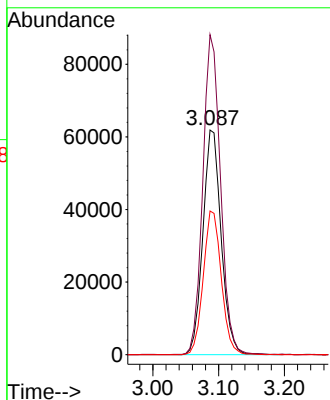
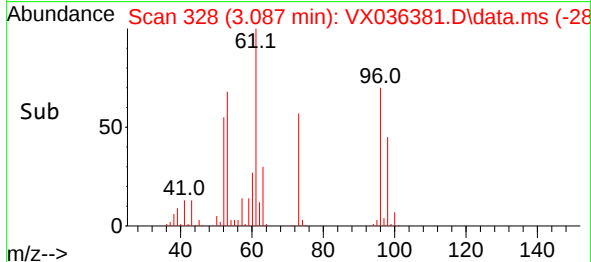
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 119638
Ion Ratio Lower Upper
96 100
61 142.3 119.2 178.8
98 64.0 48.7 73.1

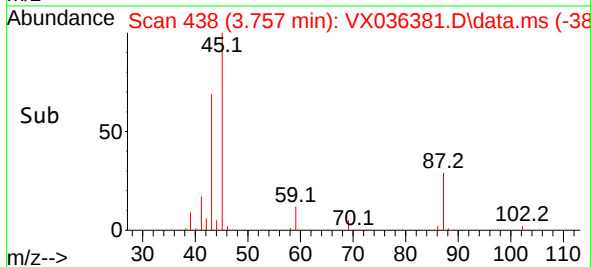
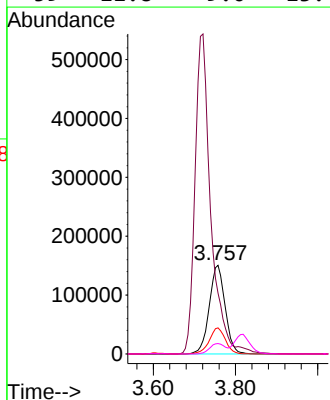
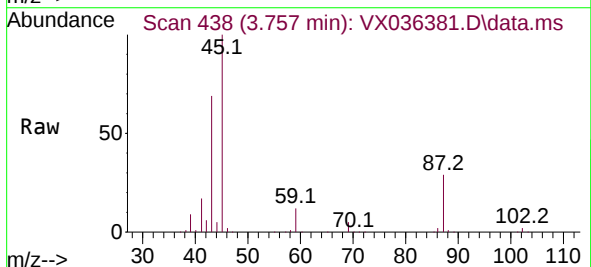
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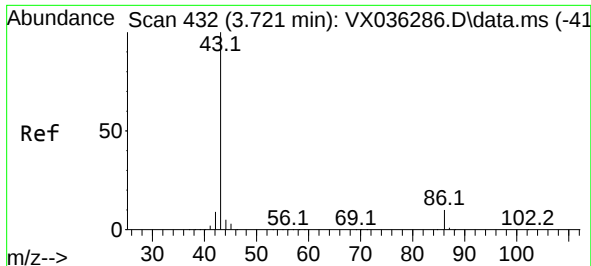
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#22
Diisopropyl ether
Concen: 50.571 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Tgt Ion: 45 Resp: 402962
Ion Ratio Lower Upper
45 100
43 68.4 69.7 104.5#
87 29.4 20.8 31.2
59 11.8 9.0 13.4





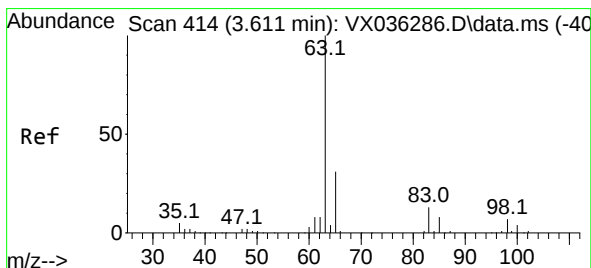
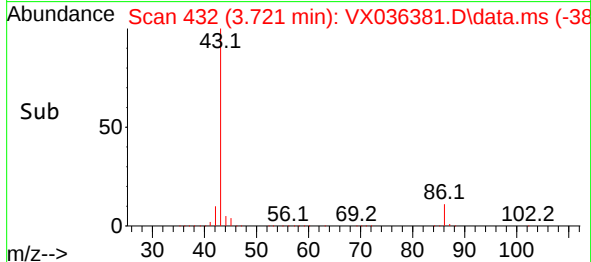
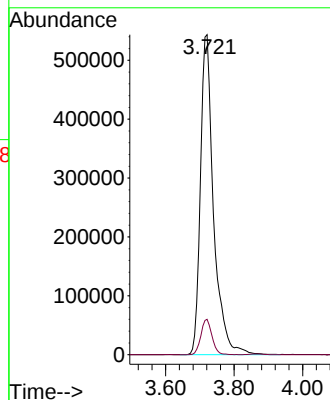
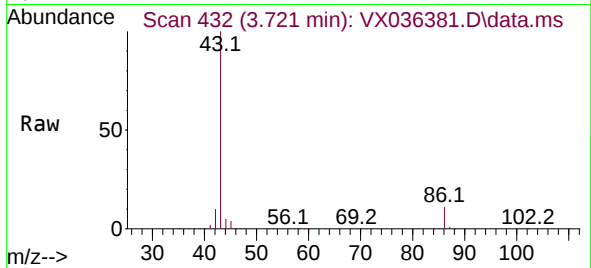
#23
 Vinyl Acetate
 Concen: 251.421 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036381.D
 Acq: 30 Jun 2023 09:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 145386
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8

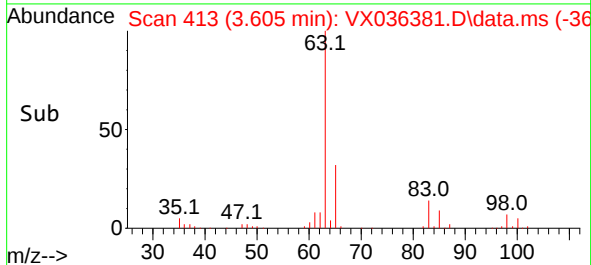
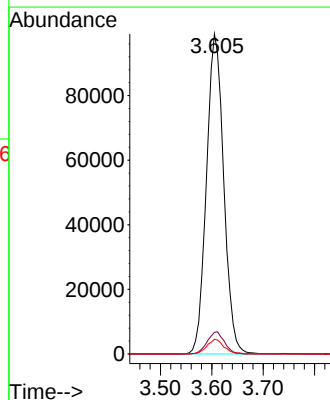
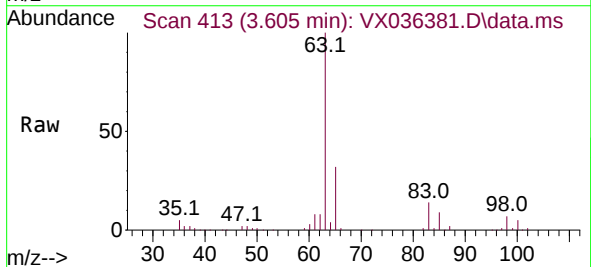
Manual Integrations
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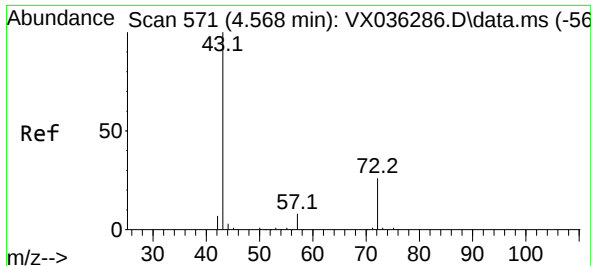
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/07/2023



#24
 1,1-Dichloroethane
 Concen: 49.320 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036381.D
 Acq: 30 Jun 2023 09:15

Tgt Ion: 63 Resp: 231607
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 254.114 ug/l

RT: 4.556 min Scan# 5

Delta R.T. -0.012 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 481649

Ion Ratio Lower Upper

43 100

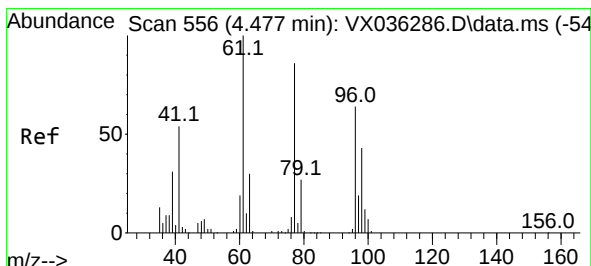
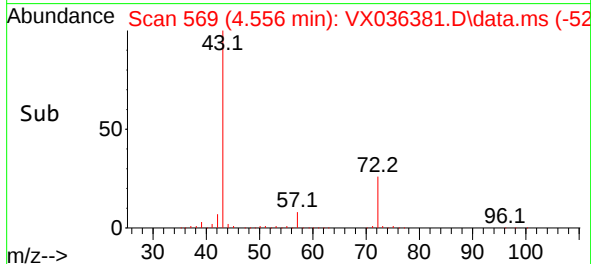
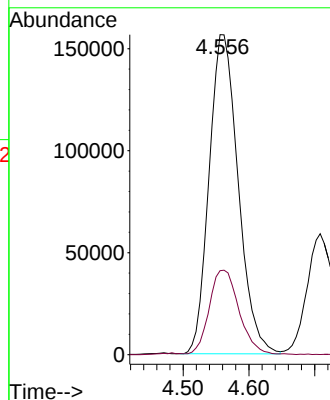
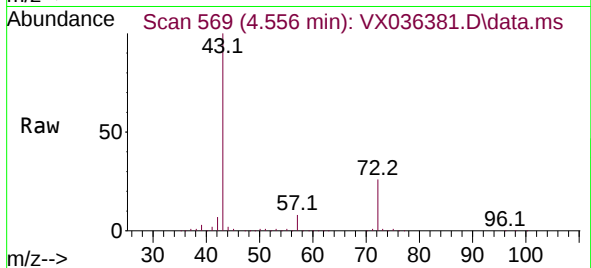
72 26.1 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#26

2,2-Dichloropropane

Concen: 59.652 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.012 min

Lab File: VX036381.D

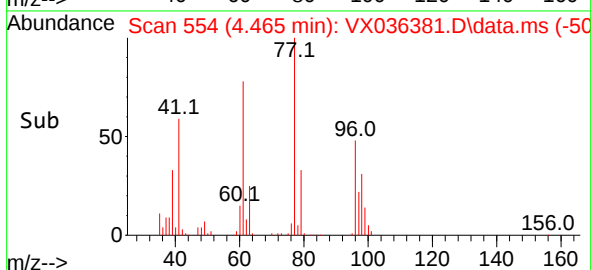
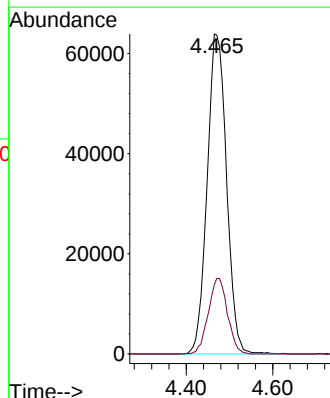
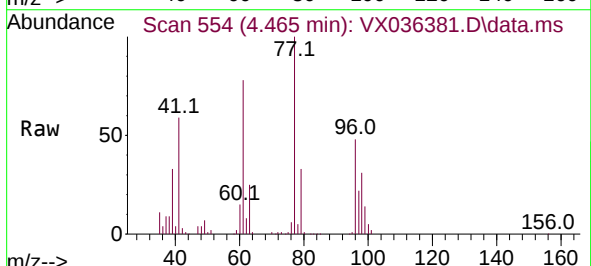
Acq: 30 Jun 2023 09:15

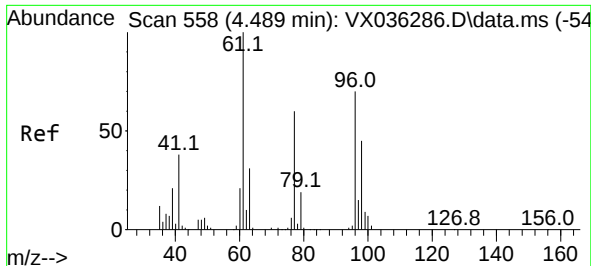
Tgt Ion: 77 Resp: 198674

Ion Ratio Lower Upper

77 100

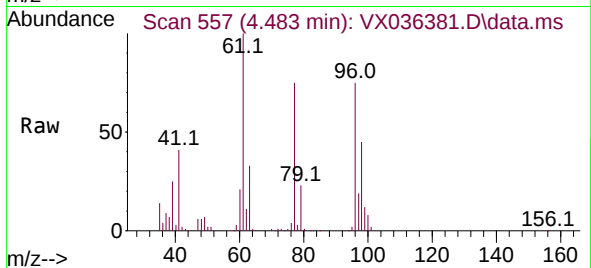
97 23.3 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 50.505 ug/l
 RT: 4.483 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VX036381.D
 Acq: 30 Jun 2023 09:15

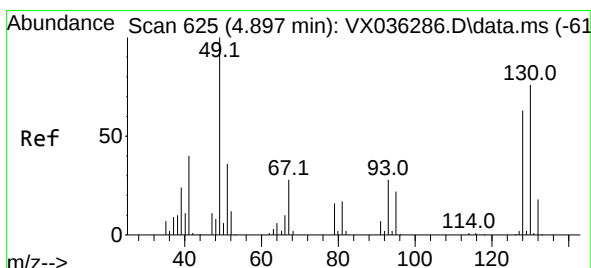
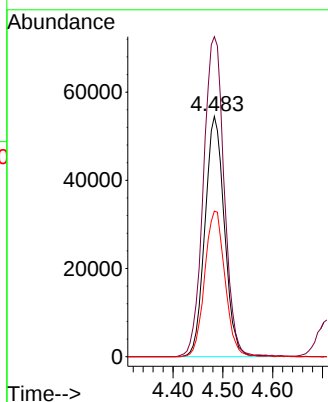
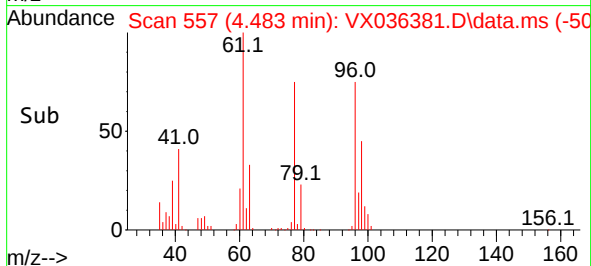
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 147899
 Ion Ratio Lower Upper
 96 100
 61 142.2 0.0 312.2
 98 62.9 0.0 129.0

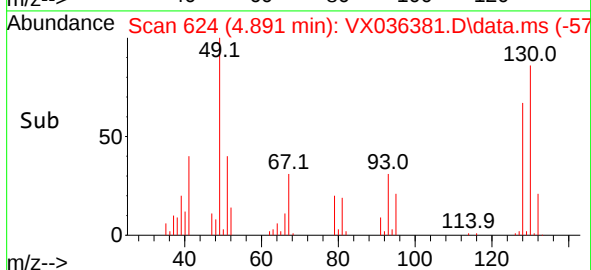
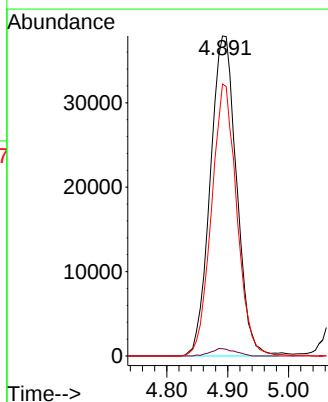
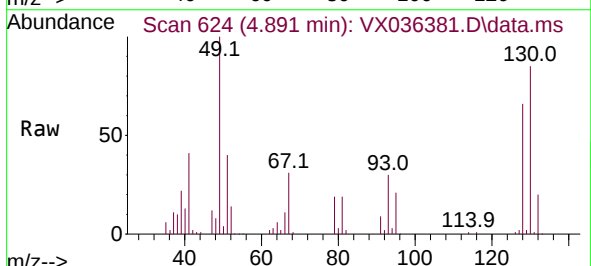
Manual Integrations
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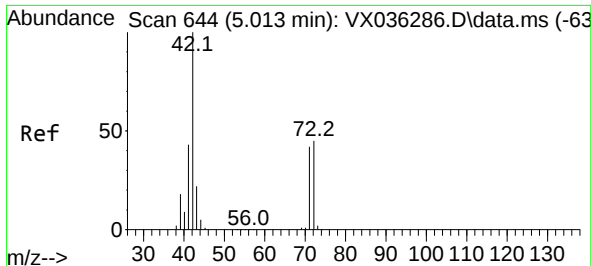
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/07/2023



#28
 Bromochloromethane
 Concen: 46.701 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.006 min
 Lab File: VX036381.D
 Acq: 30 Jun 2023 09:15

Tgt Ion: 49 Resp: 113740
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 81.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 226.786 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 27367

Ion Ratio Lower Upper

42 100

72 46.6 34.2 51.4

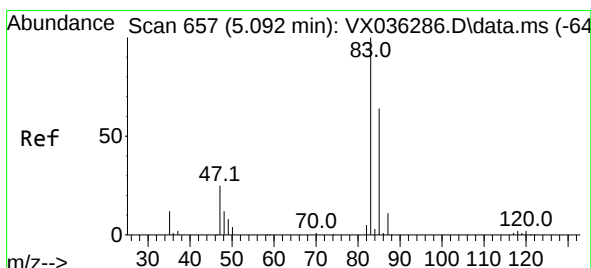
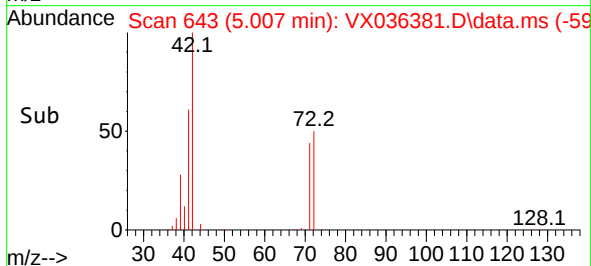
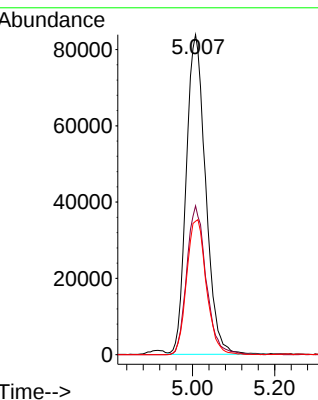
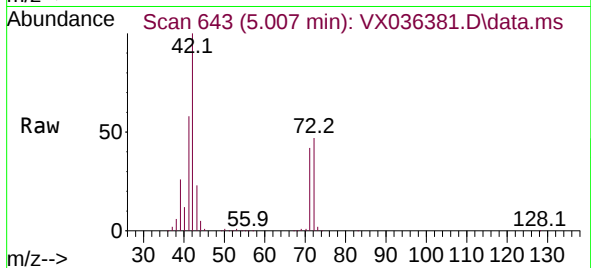
71 43.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#30

Chloroform

Concen: 50.823 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX036381.D

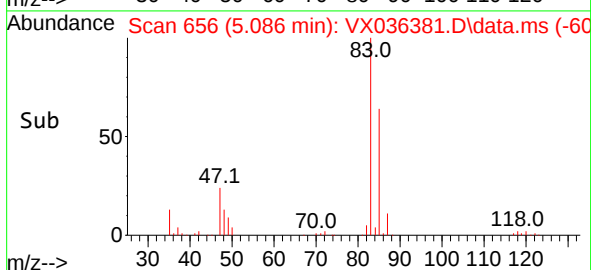
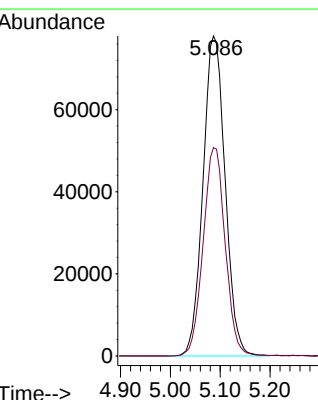
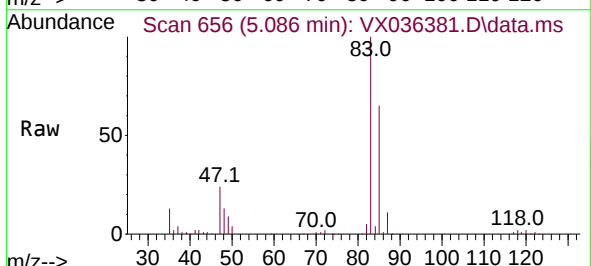
Acq: 30 Jun 2023 09:15

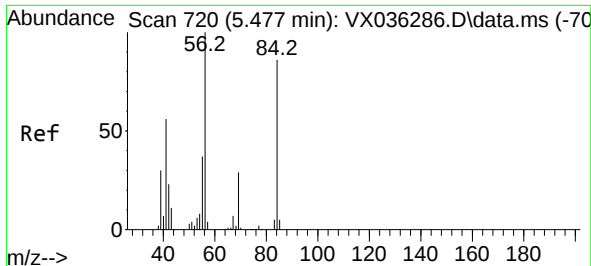
Tgt Ion: 83 Resp: 240387

Ion Ratio Lower Upper

83 100

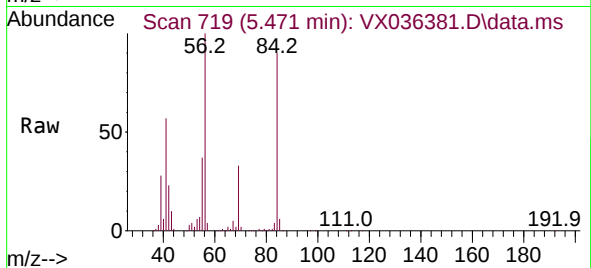
85 65.1 50.3 75.5





#31
Cyclohexane
Concen: 46.712 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.001 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

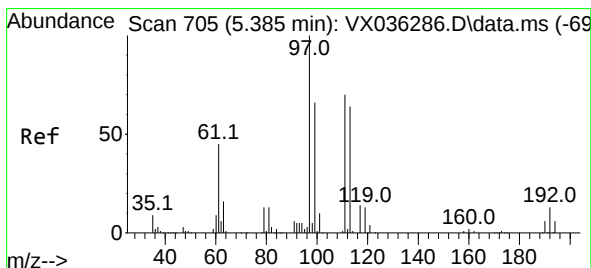
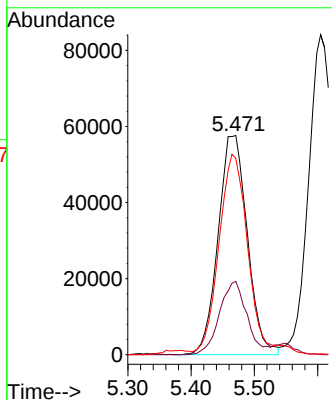
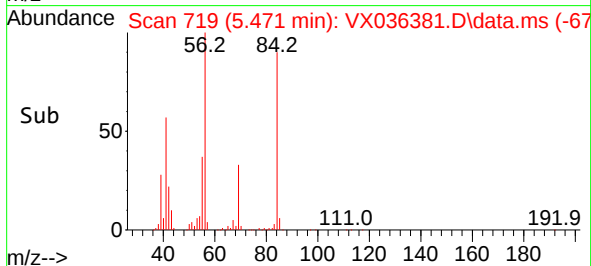
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



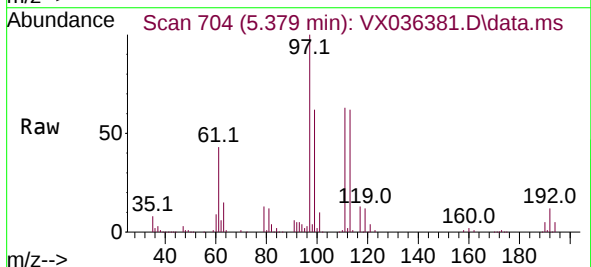
Tgt Ion: 56 Resp: 184749
Ion Ratio Lower Upper
56 100
69 33.4 23.4 35.2
84 87.8 65.9 98.9

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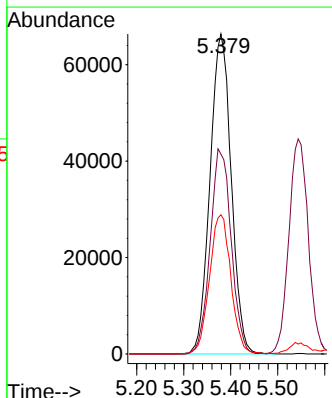
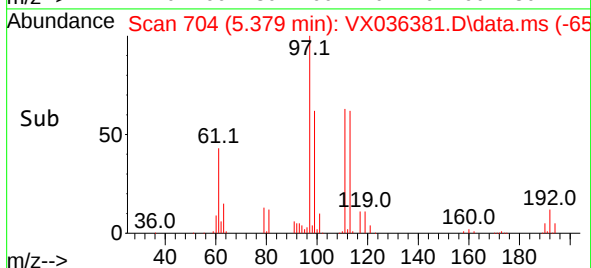
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

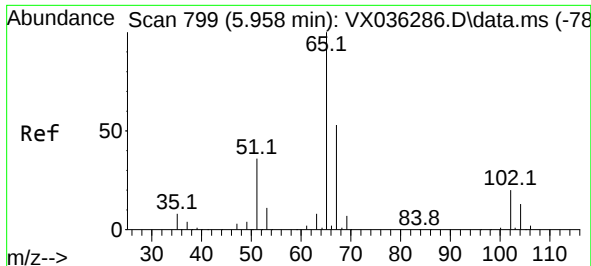


#32
1,1,1-Trichloroethane
Concen: 52.607 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15



Tgt Ion: 97 Resp: 207845
Ion Ratio Lower Upper
97 100
99 63.5 51.1 76.7
61 44.0 36.4 54.6





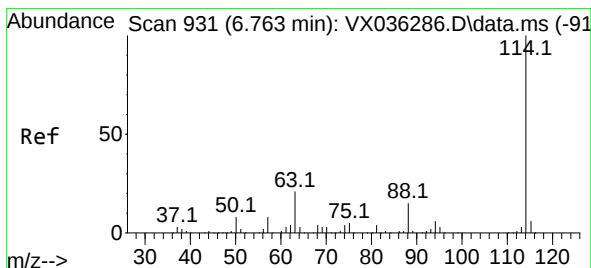
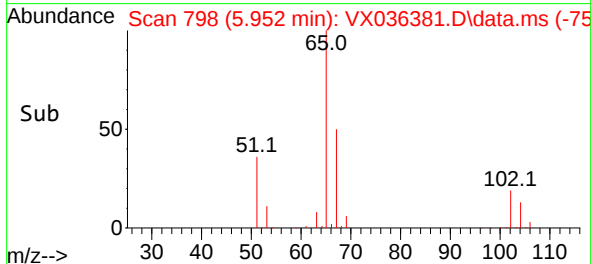
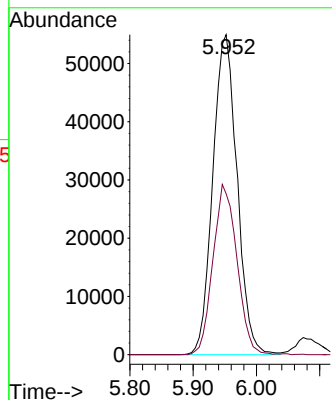
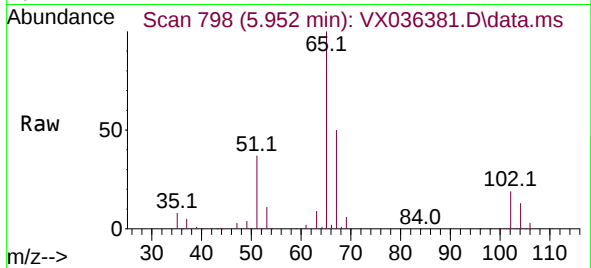
#33
1,2-Dichloroethane-d4
Concen: 47.407 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 146315
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

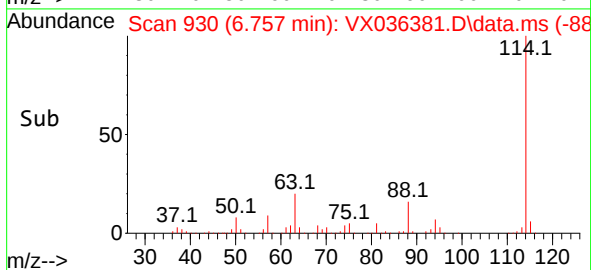
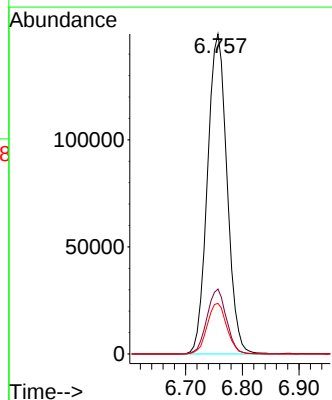
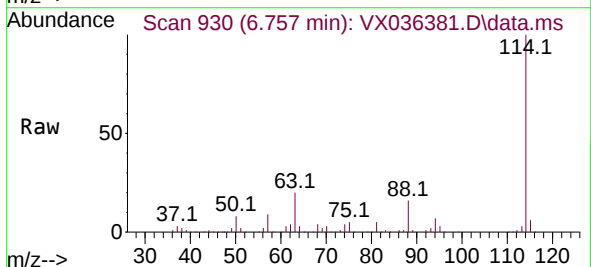
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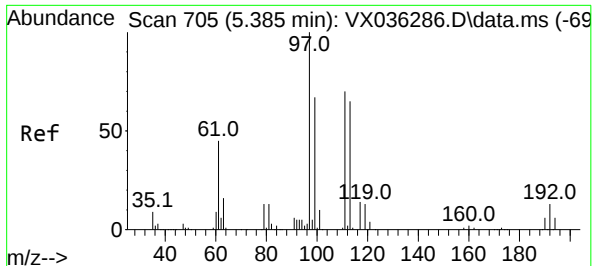
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

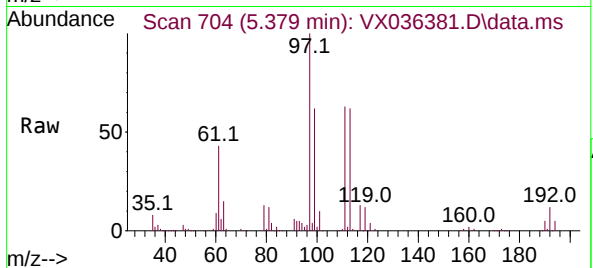
Tgt Ion:114 Resp: 357892
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.927 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

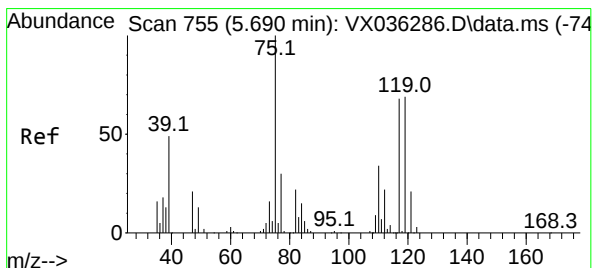
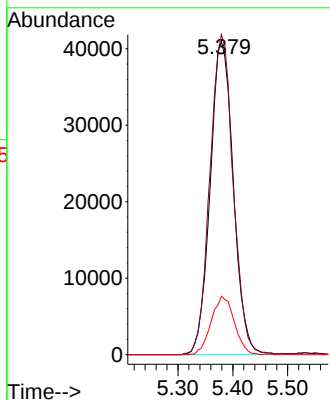
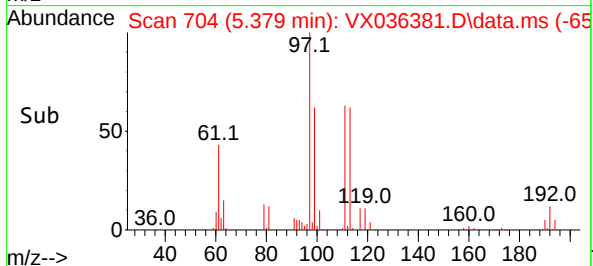
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 120180
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 18.6 13.3 19.9

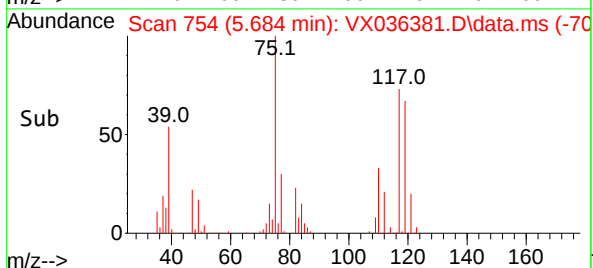
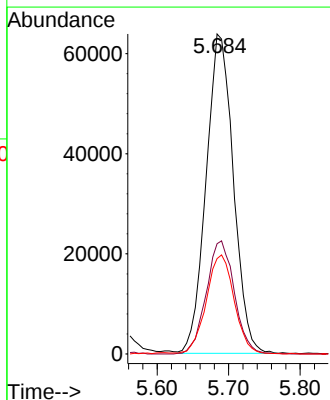
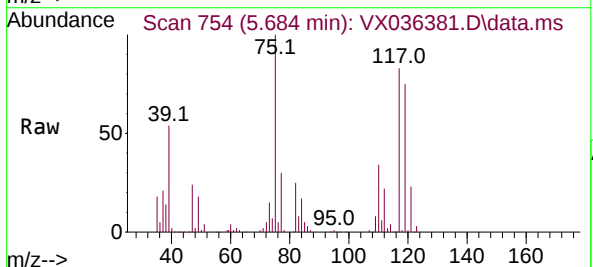
Manual Integrations
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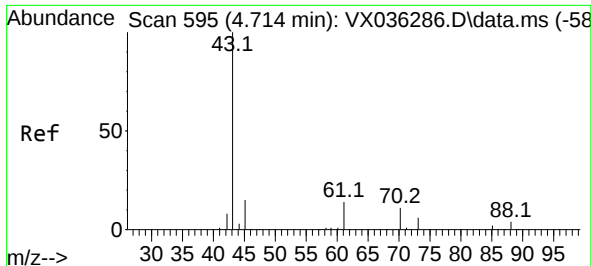
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#36
1,1-Dichloropropene
Concen: 48.103 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.012 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Tgt Ion: 75 Resp: 169209
Ion Ratio Lower Upper
75 100
110 36.3 17.0 50.9
77 31.8 24.7 37.1





#37

Ethyl Acetate

Concen: 48.196 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 17279

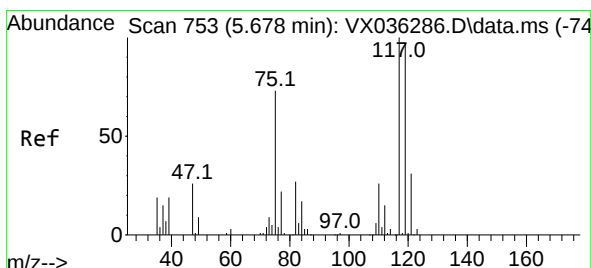
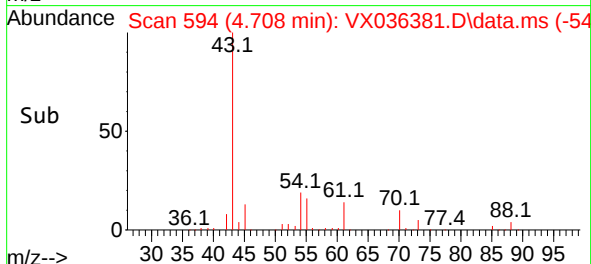
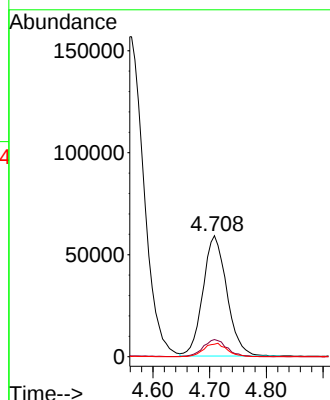
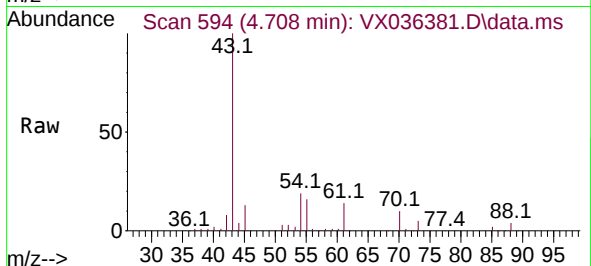
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.6	16.0
70	10.8	8.3	12.5

Manual Integrations

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Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#38

Carbon Tetrachloride

Concen: 55.736 ug/l

RT: 5.672 min Scan# 752

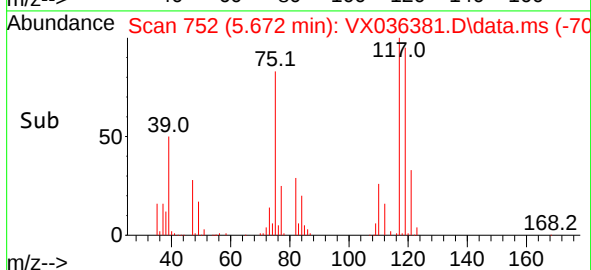
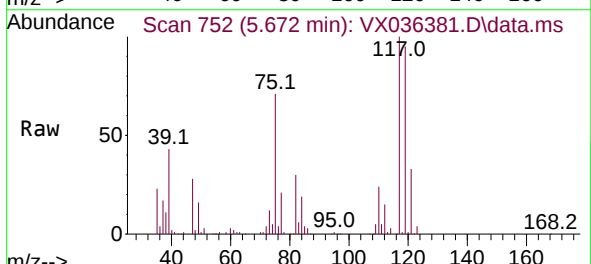
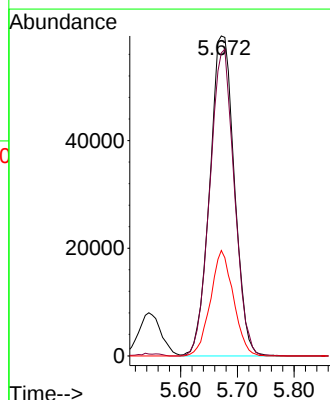
Delta R.T. -0.006 min

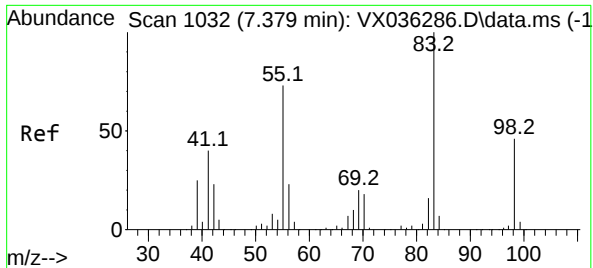
Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Tgt Ion:117 Resp: 179068

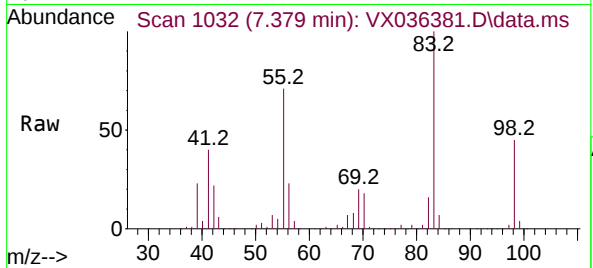
Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.2	117.2
121	32.9	24.4	36.6





#39
Methylcyclohexane
Concen: 49.368 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

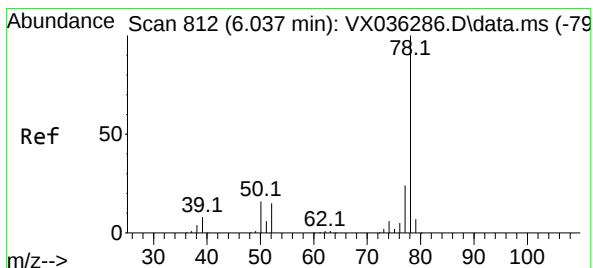
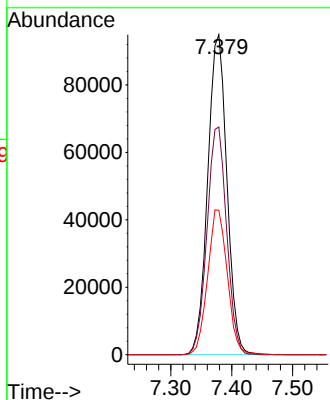
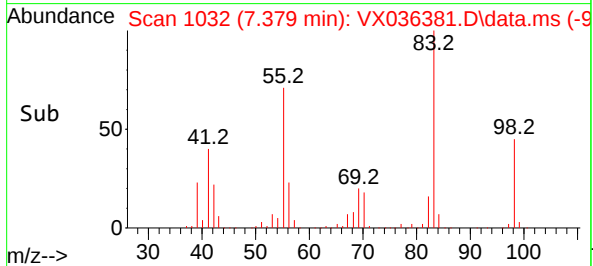
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



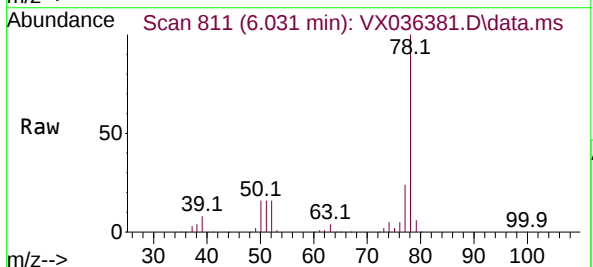
Tgt Ion: 83 Resp: 208000
Ion Ratio Lower Upper
83 100
55 71.1 64.6 97.0
98 45.1 36.7 55.1

Manual Integrations
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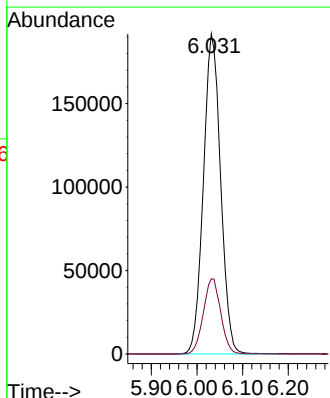
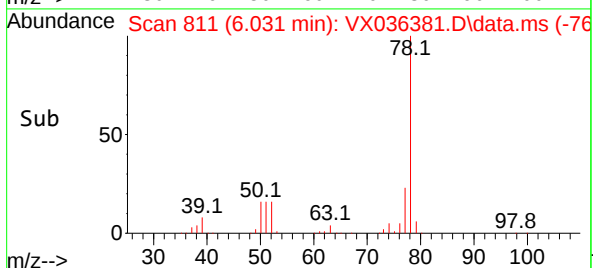
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

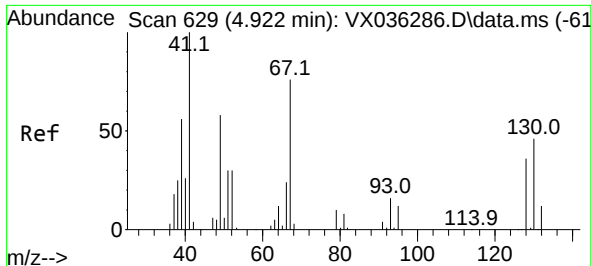


#40
Benzene
Concen: 51.135 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15



Tgt Ion: 78 Resp: 502480
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





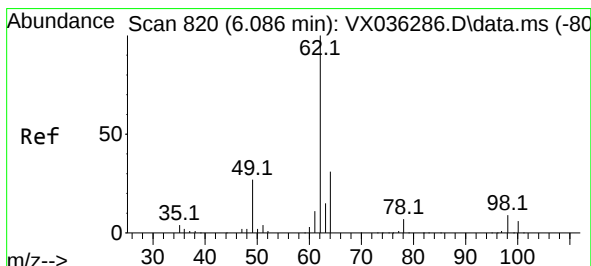
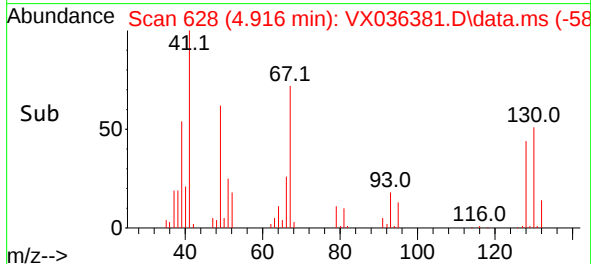
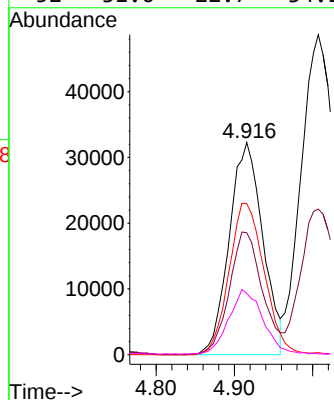
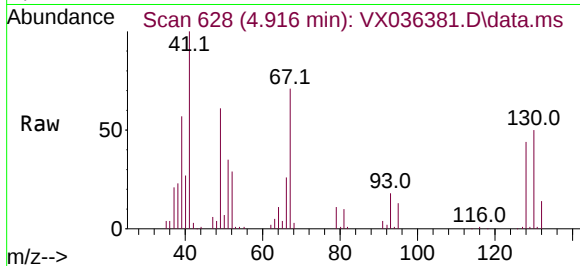
#41
Methacrylonitrile
Concen: 48.402 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41	Resp: 9626
Ion Ratio	Lower Upper
41 100	
39 56.7	45.2 67.8
67 75.2	52.6 78.8
52 31.0	22.7 34.1

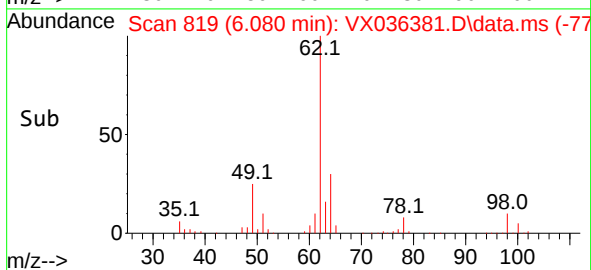
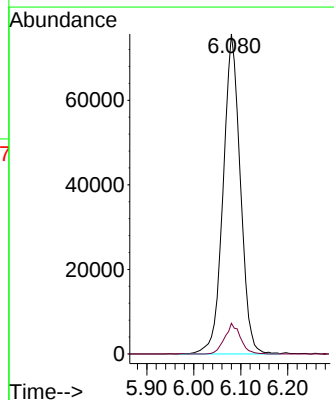
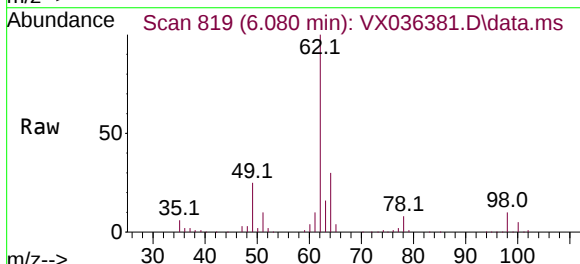
Manual Integrations
APPROVED

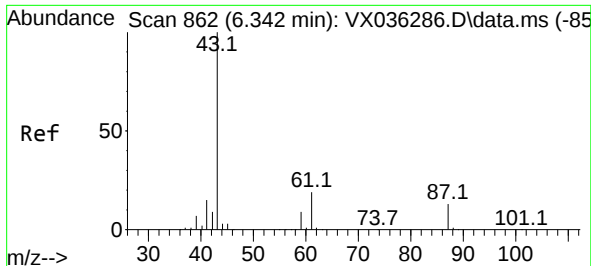
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#42
1,2-Dichloroethane
Concen: 51.594 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Tgt Ion: 62	Resp: 192837
Ion Ratio	Lower Upper
62 100	
98 8.7	0.0 16.0





#43

Isopropyl Acetate

Concen: 51.398 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.012 min

Lab File: VX036381.D

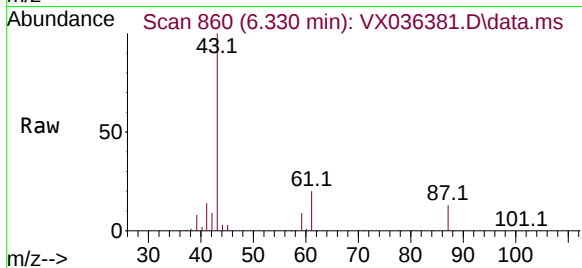
Acq: 30 Jun 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



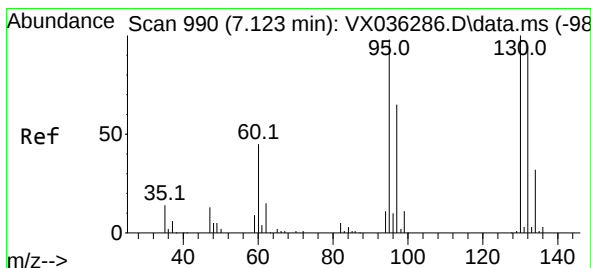
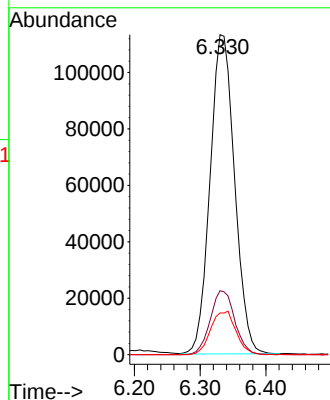
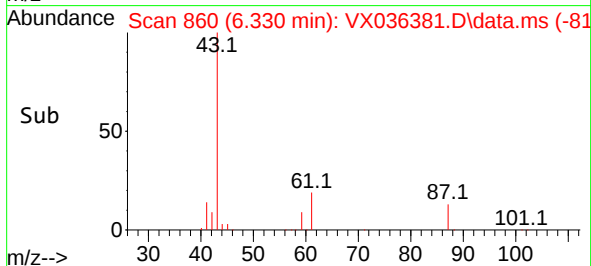
Tgt Ion: 43	Resp: 29396
Ion Ratio	Lower Upper
43	100
61	20.1 15.2 22.8
87	14.0 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#44

Trichloroethene

Concen: 50.317 ug/l

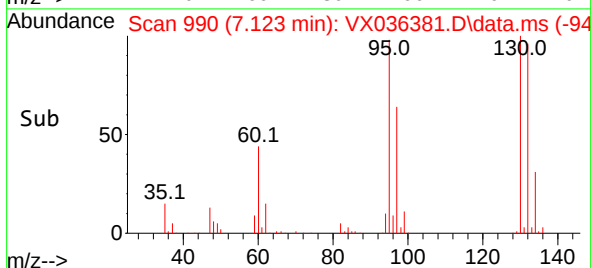
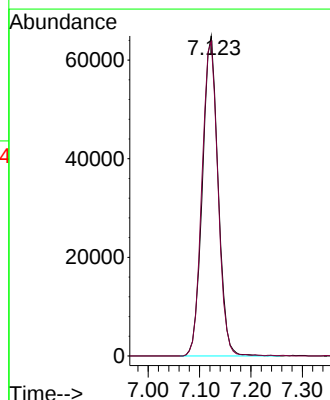
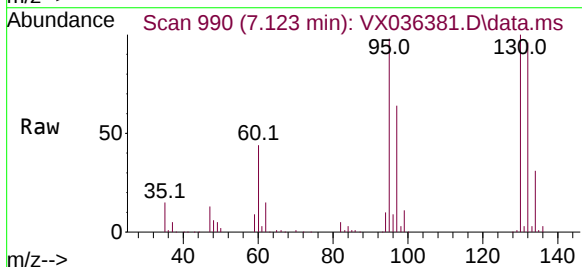
RT: 7.123 min Scan# 990

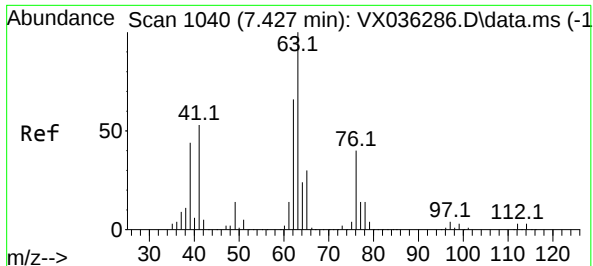
Delta R.T. 0.001 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Tgt Ion:130	Resp: 137525
Ion Ratio	Lower Upper
130	100
95	98.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 51.394 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 137544

Ion Ratio Lower Upper

63 100

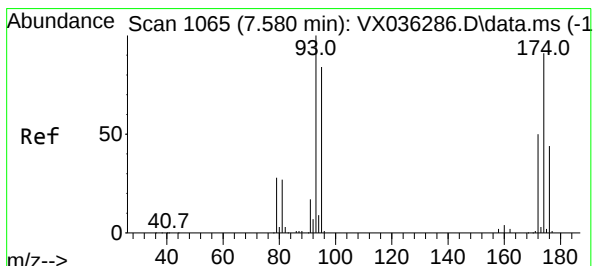
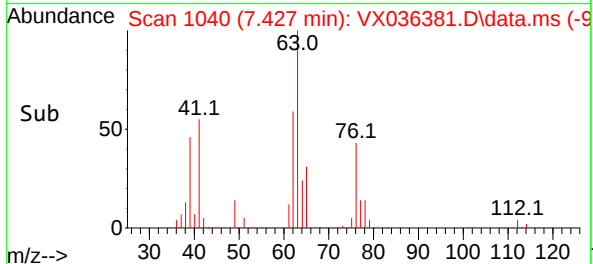
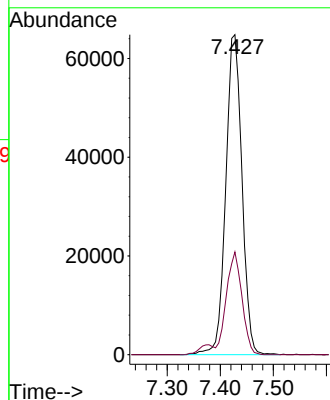
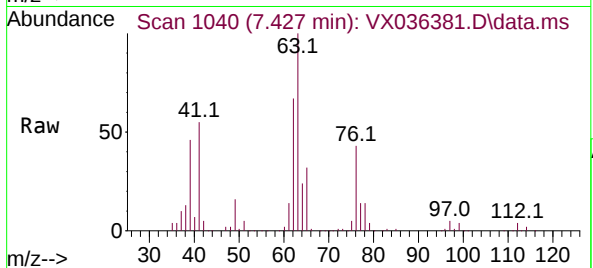
65 32.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#46

Dibromomethane

Concen: 52.447 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

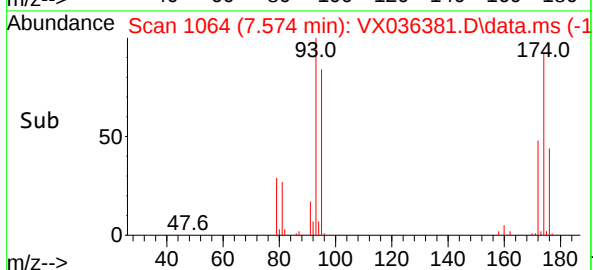
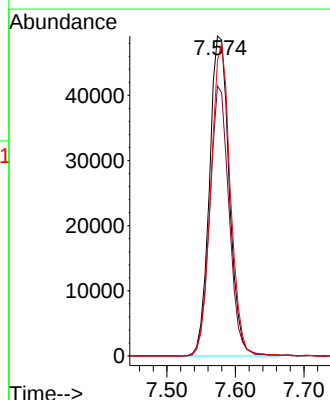
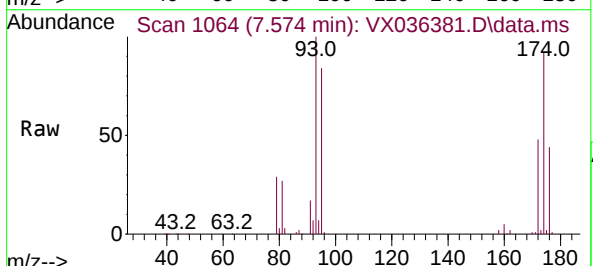
Tgt Ion: 93 Resp: 98802

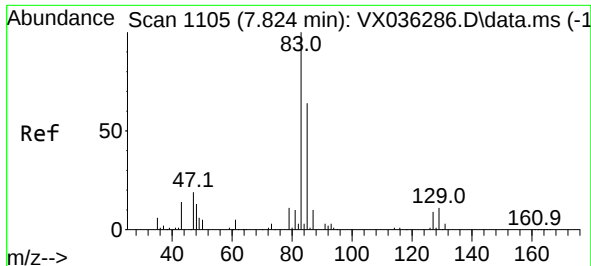
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

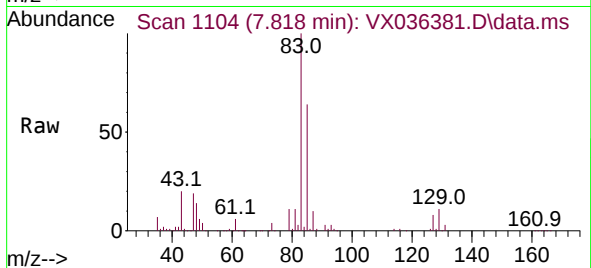
174 95.8 69.4 104.0





#47
Bromodichloromethane
Concen: 55.552 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

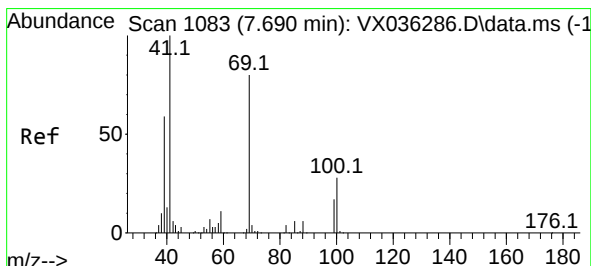
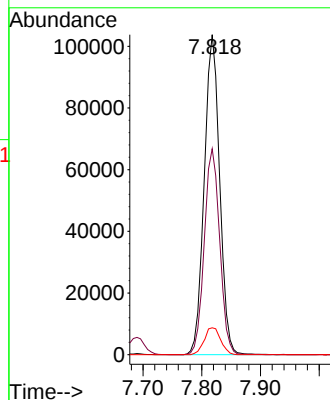
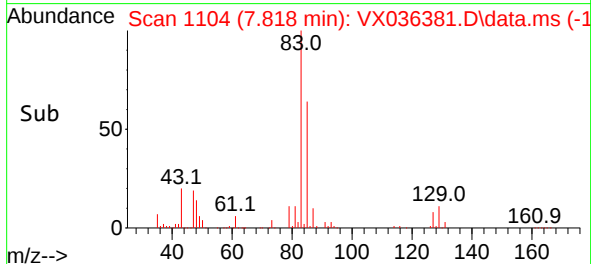
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 189252
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 8.4 7.1 10.7

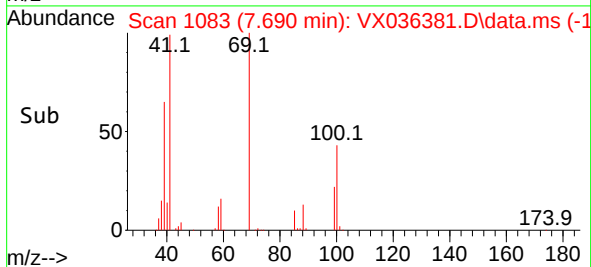
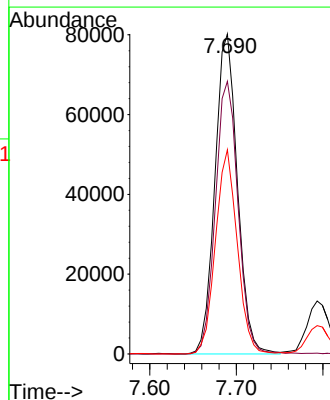
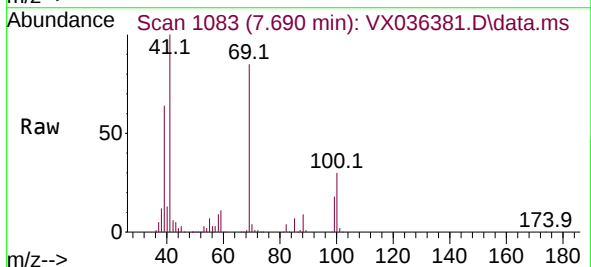
Manual Integrations
APPROVED

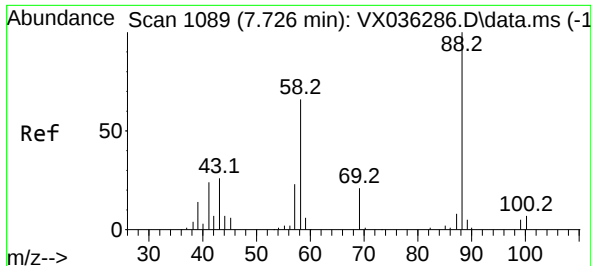
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#48
Methyl methacrylate
Concen: 50.749 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Tgt Ion: 41 Resp: 144723
Ion Ratio Lower Upper
41 100
69 85.9 59.2 88.8
39 61.8 47.7 71.5





#49

1,4-Dioxane

Concen: 993.740 ug/l

RT: 7.720 min Scan# 1089

Delta R.T. -0.012 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

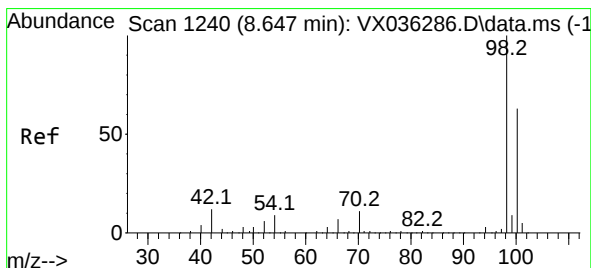
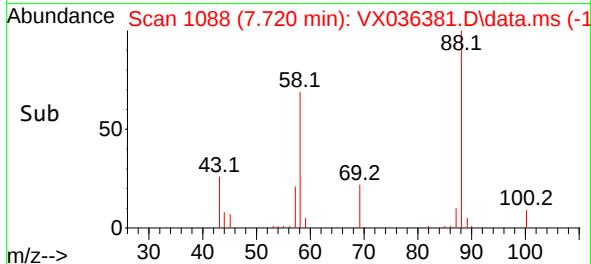
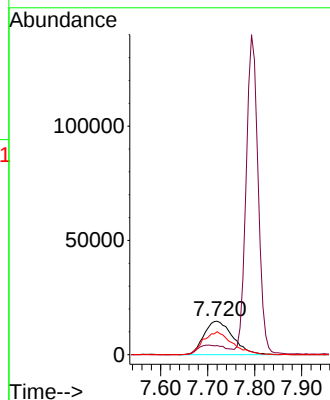
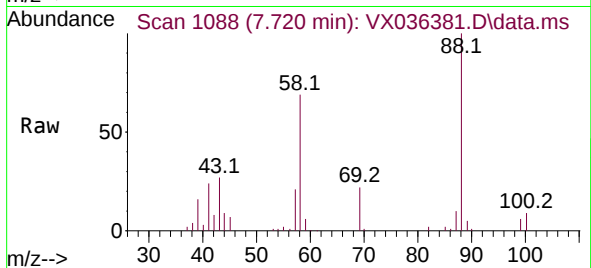
Tgt Ion: 88 Resp: 62820
 Ion Ratio Lower Upper
 88 100
 43 27.4 0.0 0.0
 58 68.3 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#50

Toluene-d8

Concen: 49.036 ug/l

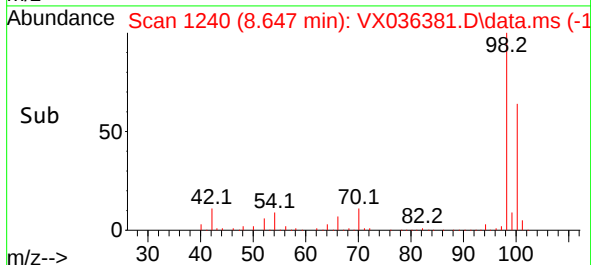
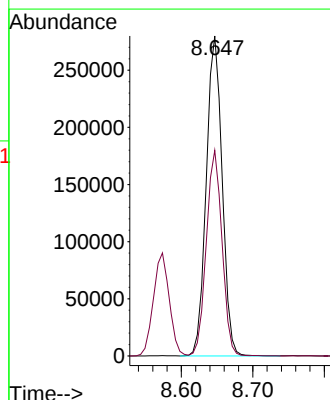
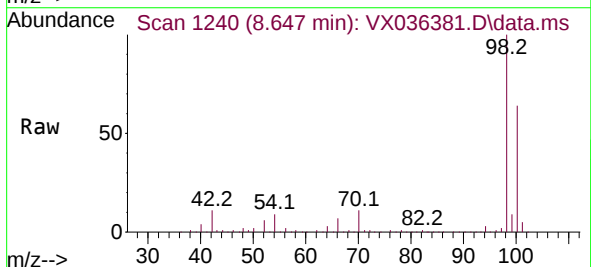
RT: 8.647 min Scan# 1240

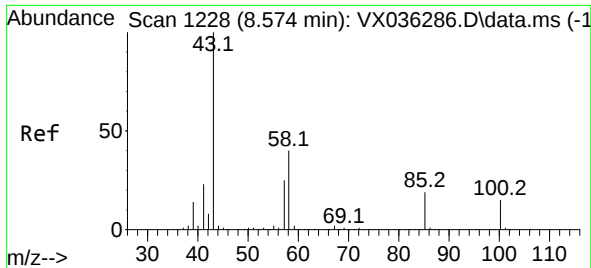
Delta R.T. 0.001 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Tgt Ion: 98 Resp: 432206
 Ion Ratio Lower Upper
 98 100
 100 63.6 53.1 79.7





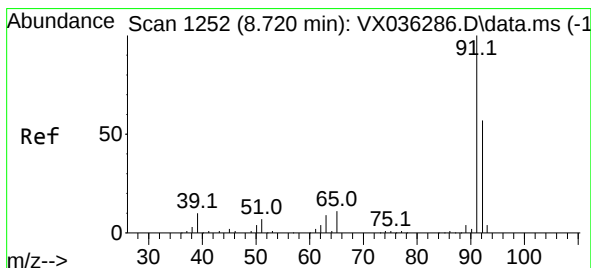
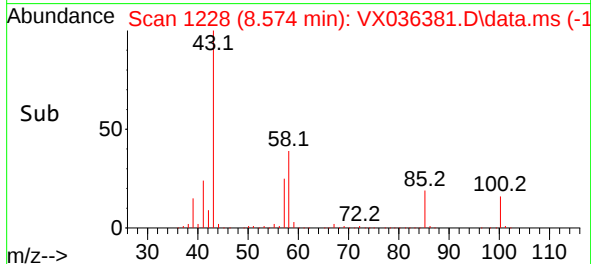
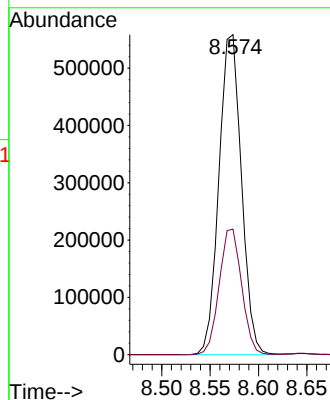
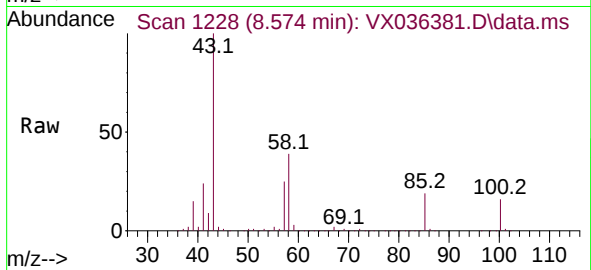
#51
4-Methyl-2-Pentanone
Concen: 245.090 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 903114
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6

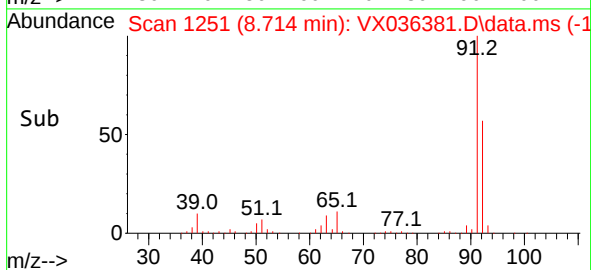
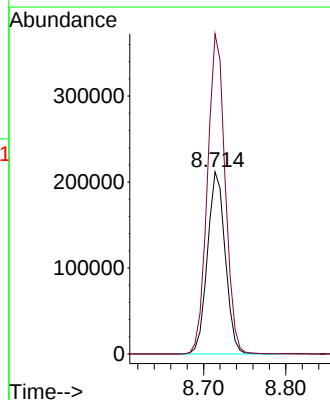
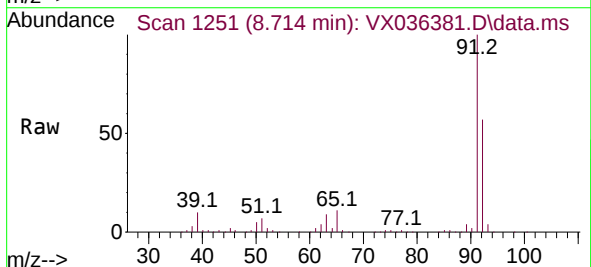
Manual Integrations
APPROVED

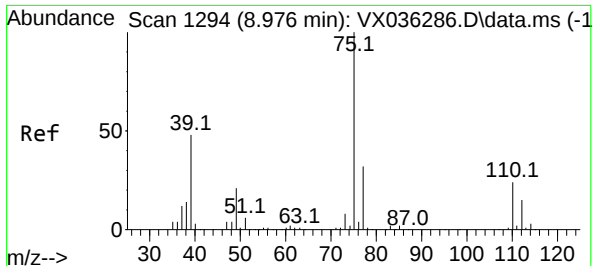
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#52
Toluene
Concen: 51.036 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Tgt Ion: 92 Resp: 317822
Ion Ratio Lower Upper
92 100
91 175.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 60.098 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 206810

Ion Ratio Lower Upper

75 100

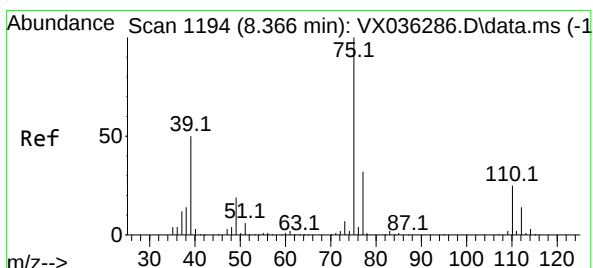
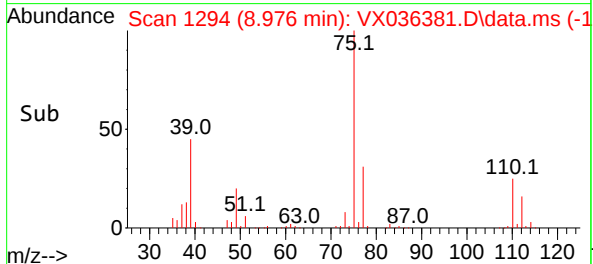
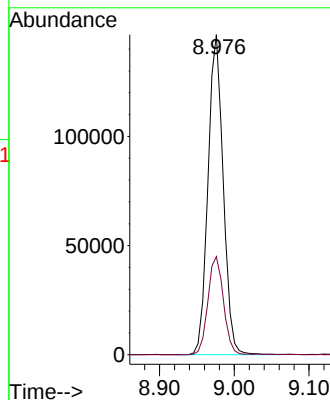
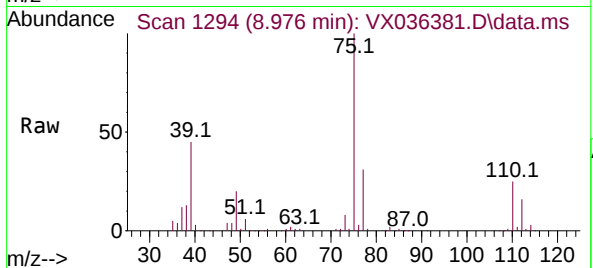
77 30.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#54

cis-1,3-Dichloropropene

Concen: 57.642 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

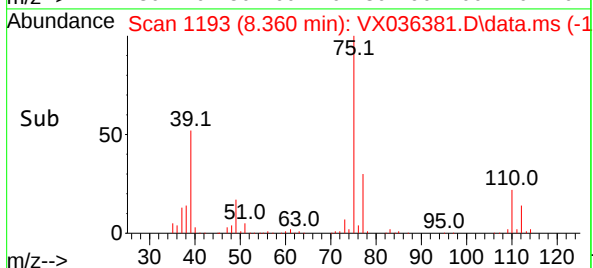
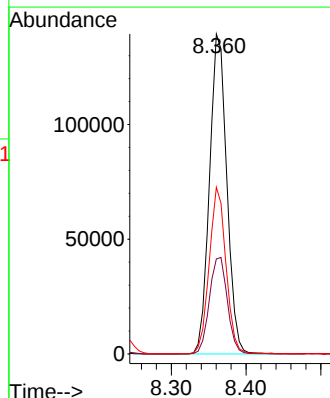
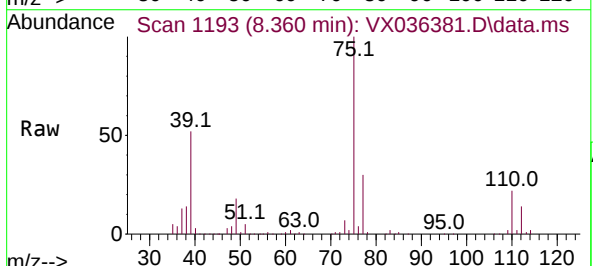
Tgt Ion: 75 Resp: 224236

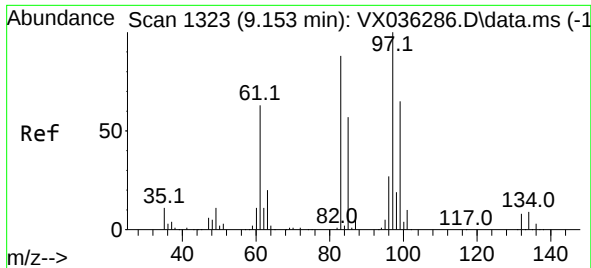
Ion Ratio Lower Upper

75 100

77 29.7 25.3 37.9

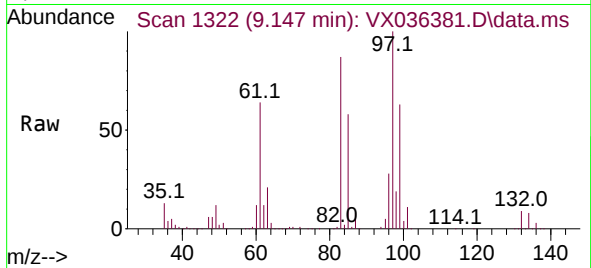
39 52.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.974 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.005 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

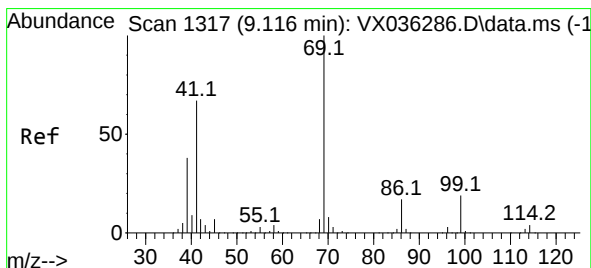
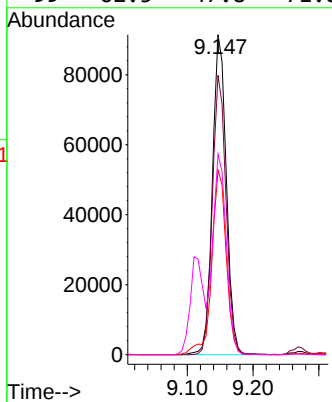
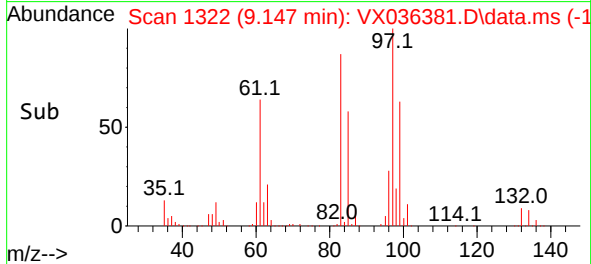
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



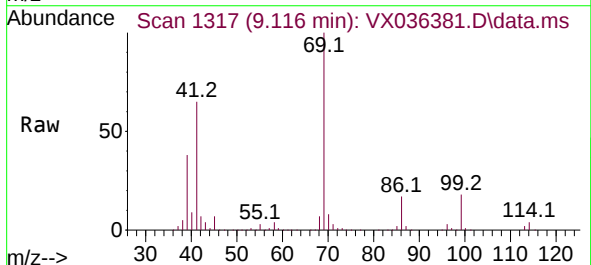
Tgt Ion: 97 Resp: 13451
Ion Ratio Lower Upper
97 100
83 87.3 65.8 98.8
85 57.6 41.6 62.4
99 62.5 47.8 71.8

Manual Integrations
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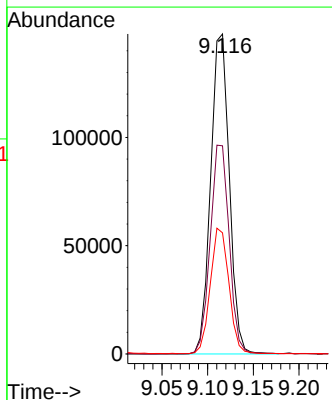
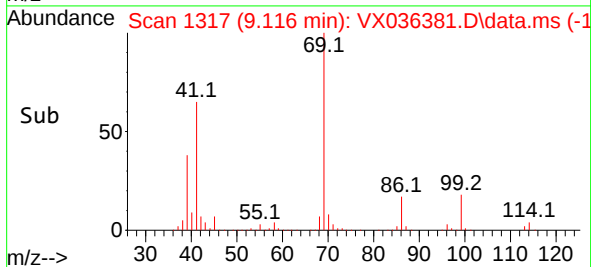
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

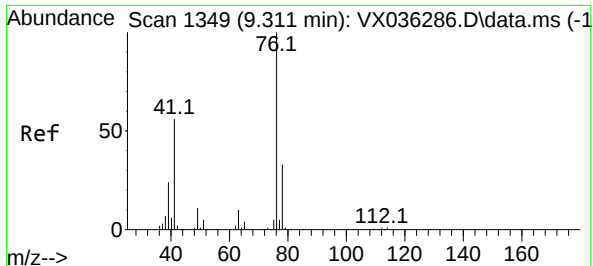


#56
Ethyl methacrylate
Concen: 54.079 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15



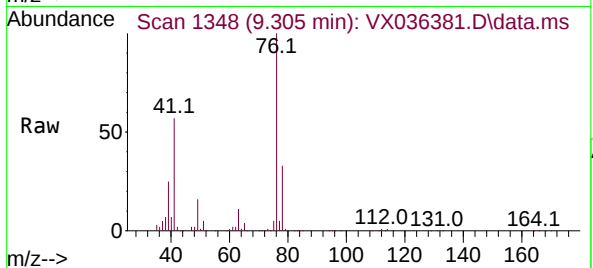
Tgt Ion: 69 Resp: 209347
Ion Ratio Lower Upper
69 100
41 66.6 56.8 85.2
39 39.4 32.0 48.0





#57
1,3-Dichloropropane
Concen: 52.127 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

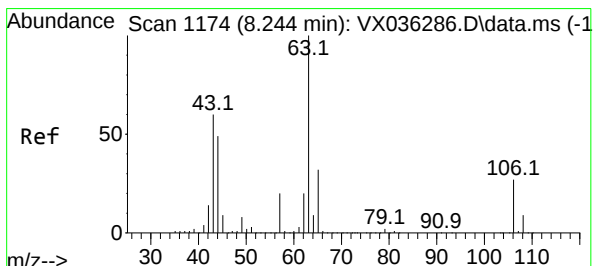
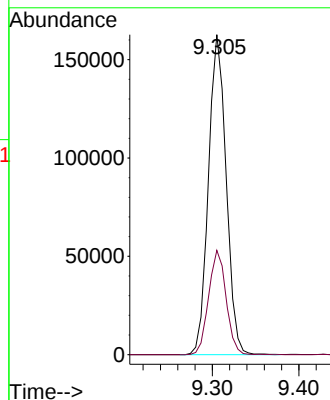
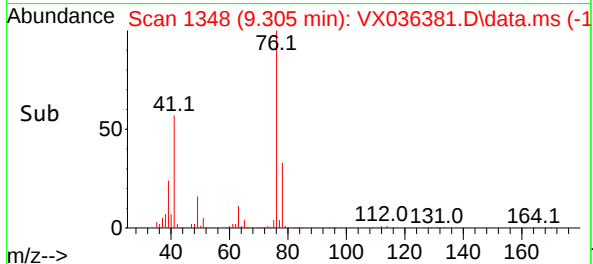
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 231209
Ion Ratio Lower Upper
76 100
78 32.2 26.1 39.1

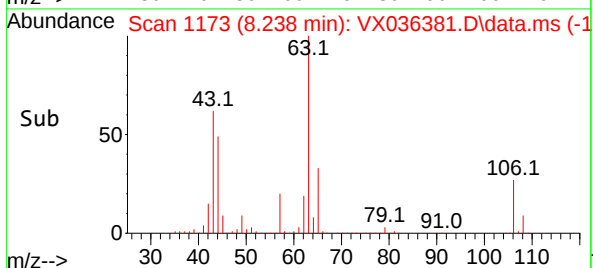
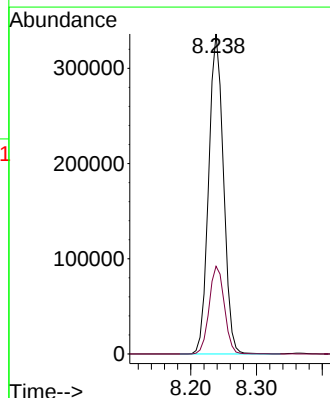
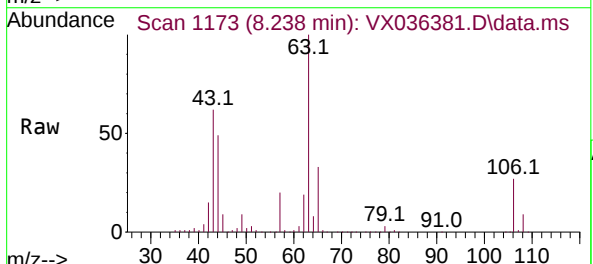
Manual Integrations
APPROVED

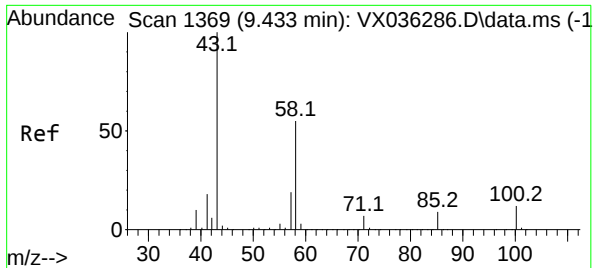
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#58
2-Chloroethyl Vinyl ether
Concen: 241.826 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Tgt Ion: 63 Resp: 526101
Ion Ratio Lower Upper
63 100
106 28.0 22.5 33.7





#59

2-Hexanone

Concen: 263.000 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 70769

Ion Ratio Lower Upper

43 100

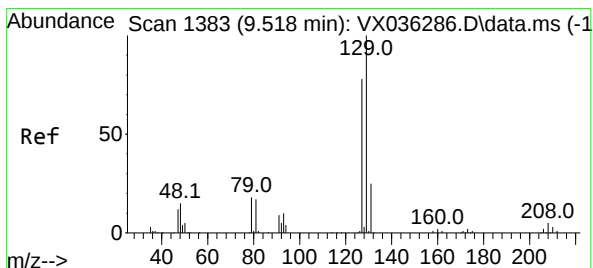
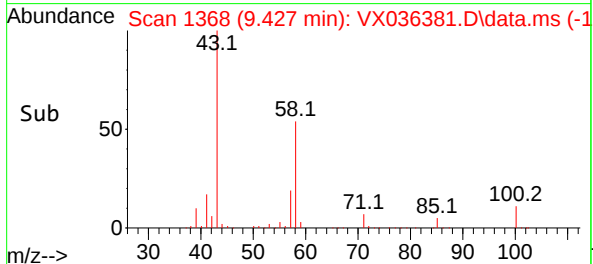
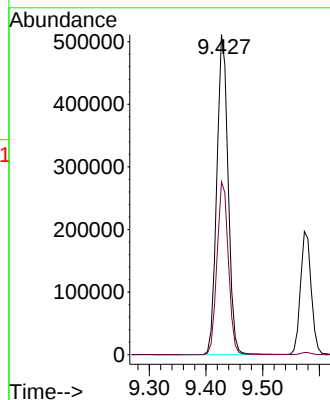
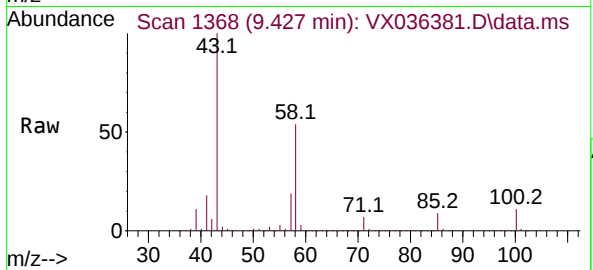
58 54.4 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#60

Dibromochloromethane

Concen: 58.231 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.001 min

Lab File: VX036381.D

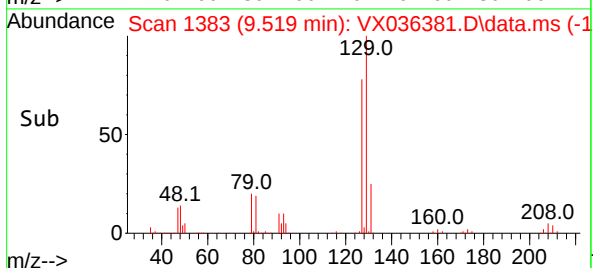
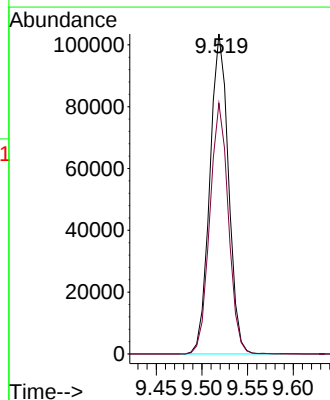
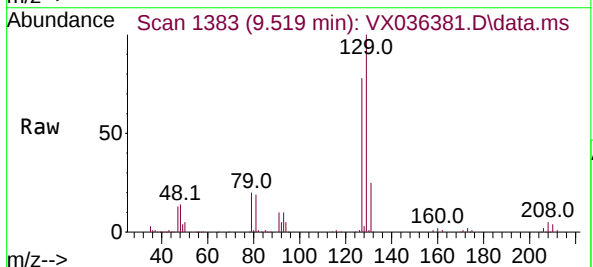
Acq: 30 Jun 2023 09:15

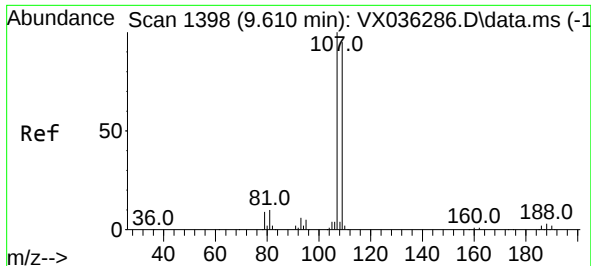
Tgt Ion:129 Resp: 146427

Ion Ratio Lower Upper

129 100

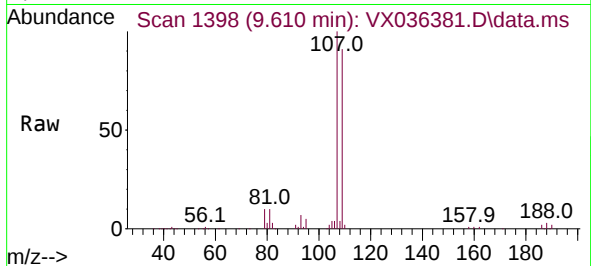
127 77.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 51.792 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

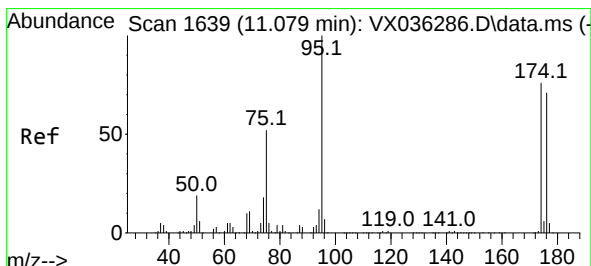
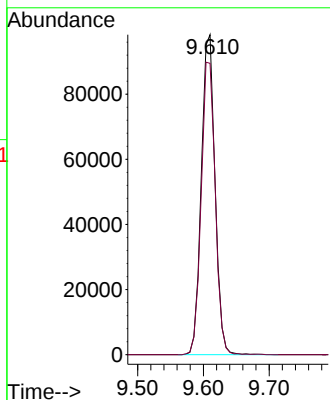
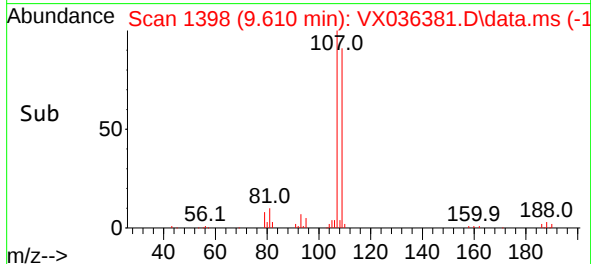
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



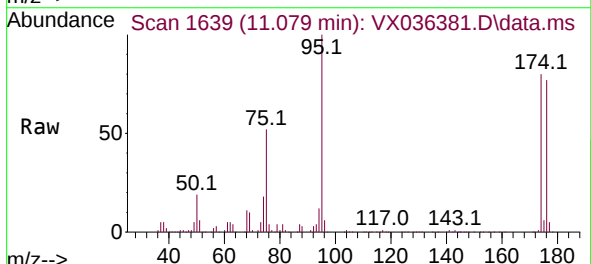
Tgt Ion:107 Resp: 14225
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8

Manual Integrations
APPROVED

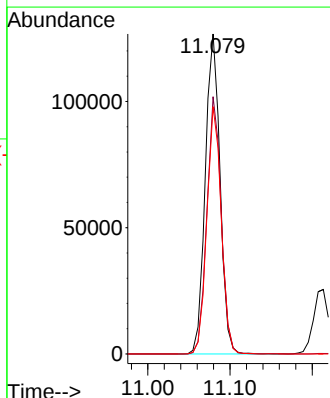
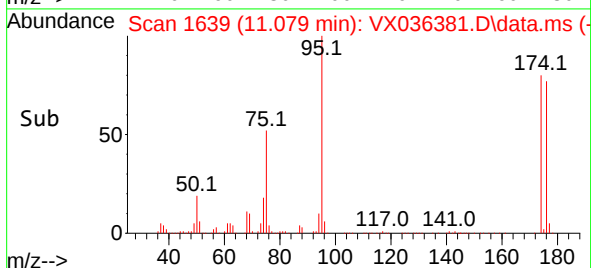
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

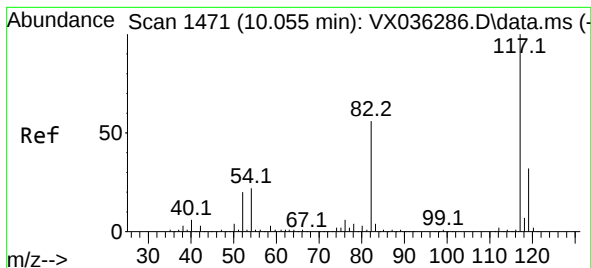


#62
4-Bromofluorobenzene
Concen: 50.780 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15



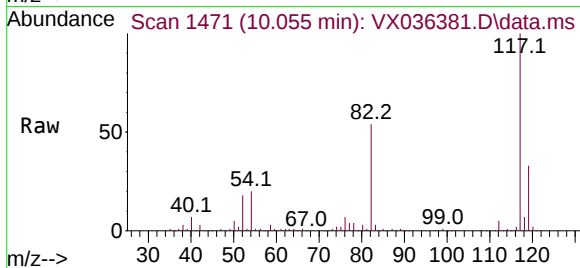
Tgt Ion: 95 Resp: 157651
Ion Ratio Lower Upper
95 100
174 78.0 0.0 135.6
176 75.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

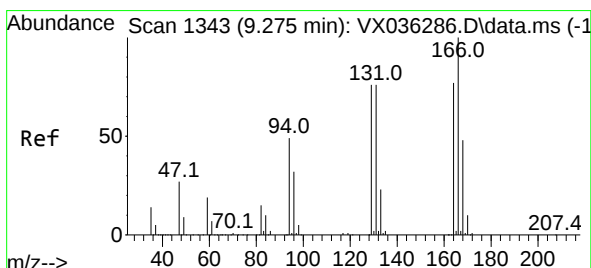
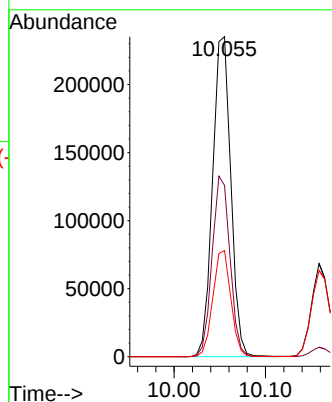
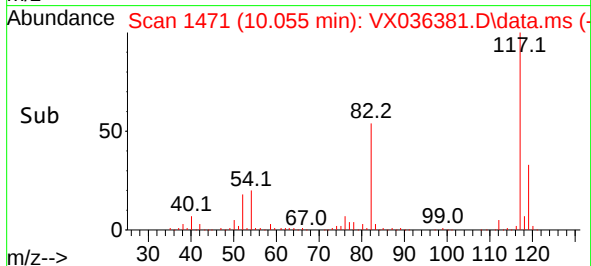
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



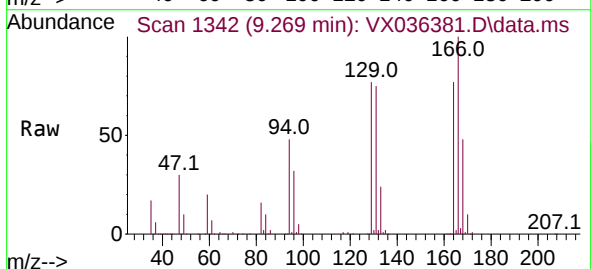
Tgt Ion:117 Resp: 325510
Ion Ratio Lower Upper
117 100
82 53.5 46.2 69.4
119 33.2 25.5 38.3

Manual Integrations
APPROVED

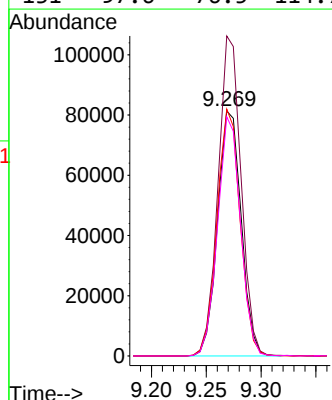
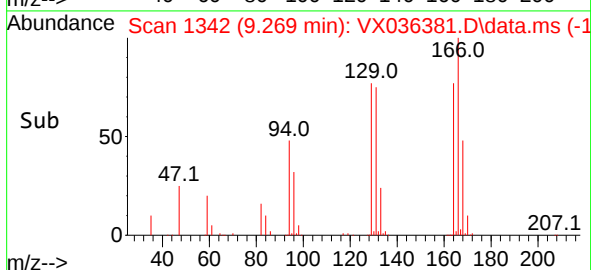
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

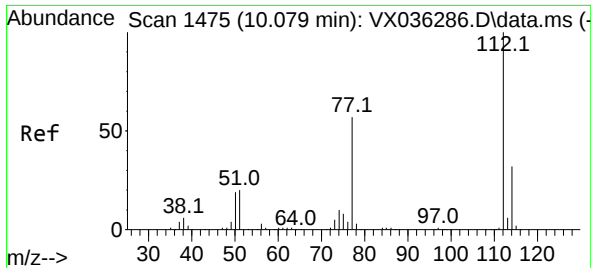


#64
Tetrachloroethene
Concen: 52.922 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.005 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15



Tgt Ion:164 Resp: 121637
Ion Ratio Lower Upper
164 100
166 130.6 102.7 154.1
129 100.8 80.4 120.6
131 97.6 76.5 114.7





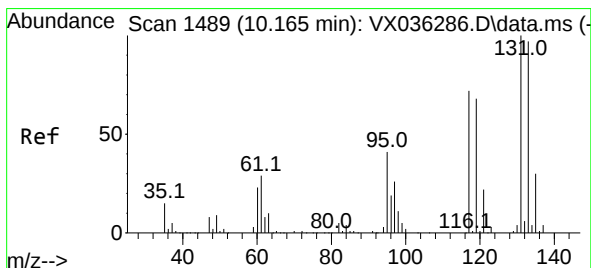
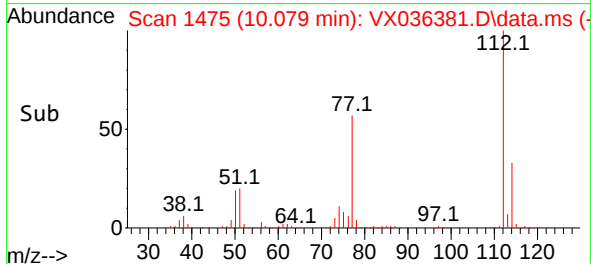
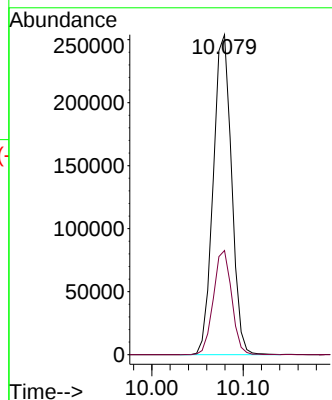
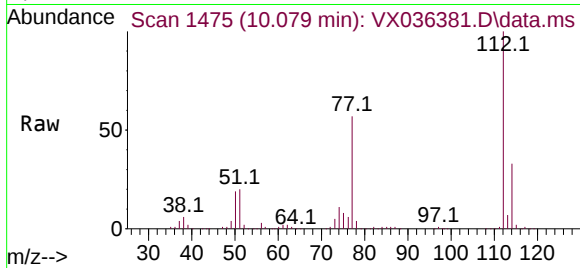
#65
Chlorobenzene
Concen: 51.637 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 35334
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5

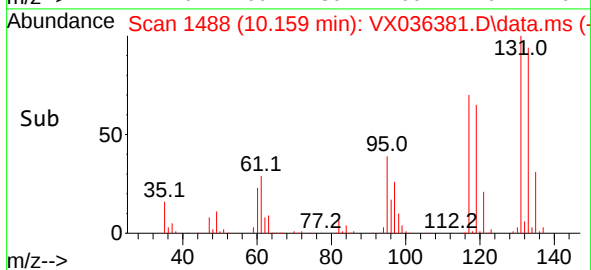
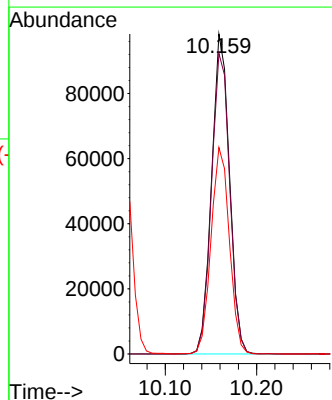
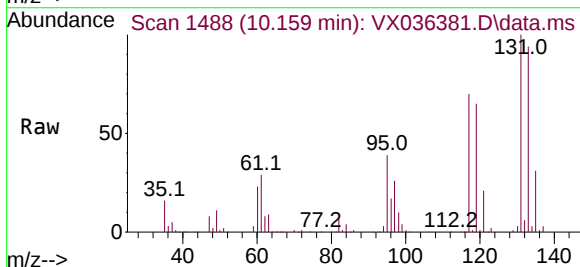
Manual Integrations
APPROVED

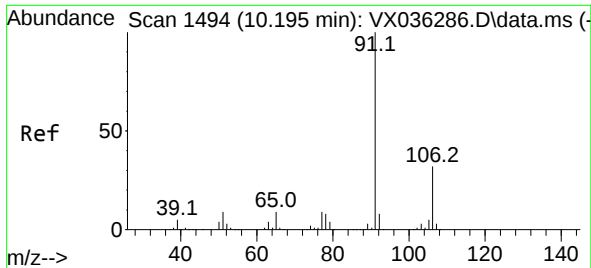
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 57.653 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

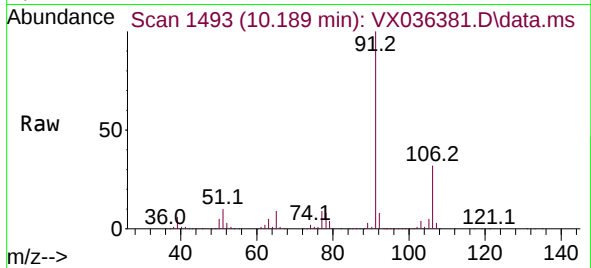
Tgt Ion:131 Resp: 133348
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.4
119 66.2 32.2 96.6





#67
Ethyl Benzene
Concen: 51.227 ug/l
RT: 10.189 min Scan# 1494
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

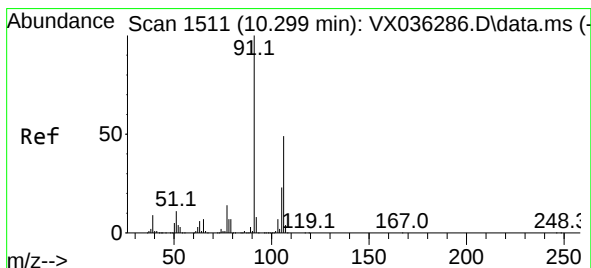
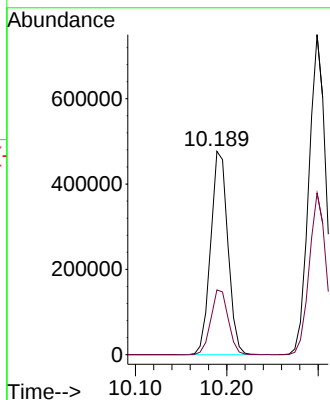
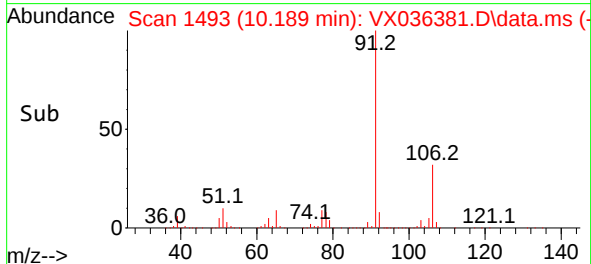
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 623188
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

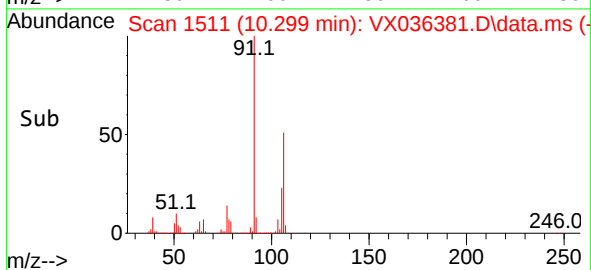
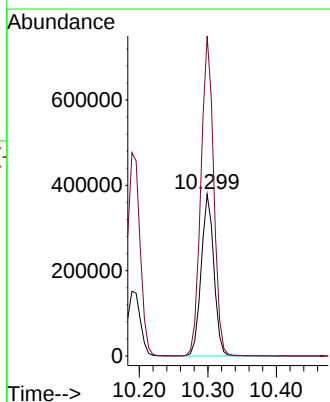
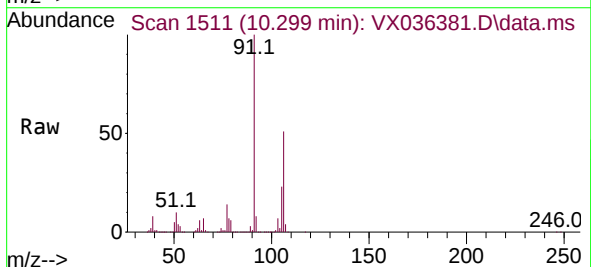
Manual Integrations
APPROVED

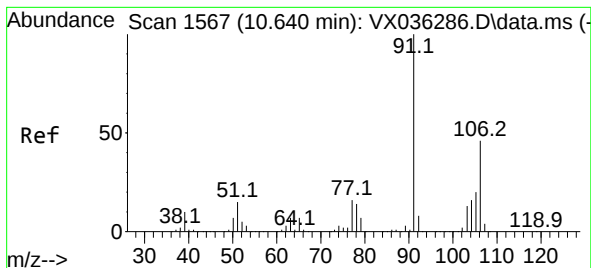
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#68
m/p-Xylenes
Concen: 103.386 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Tgt Ion:106 Resp: 488641
Ion Ratio Lower Upper
106 100
91 199.5 165.5 248.3





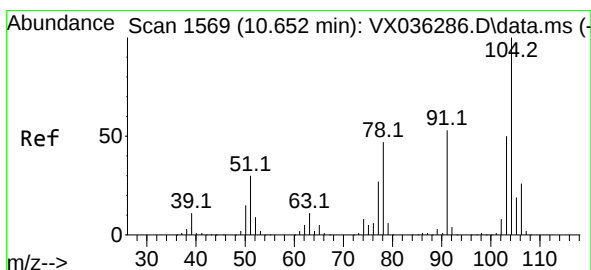
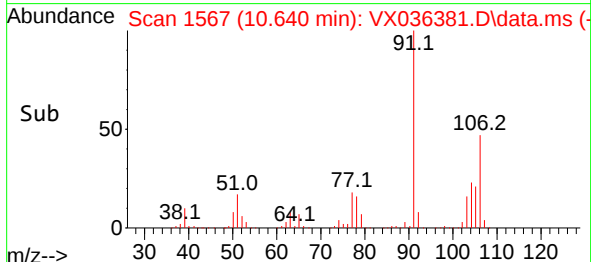
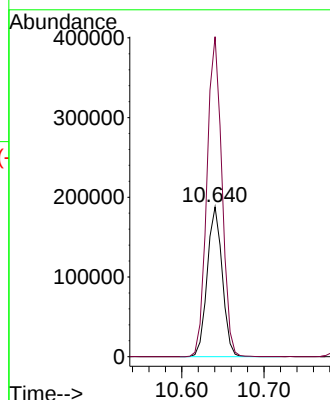
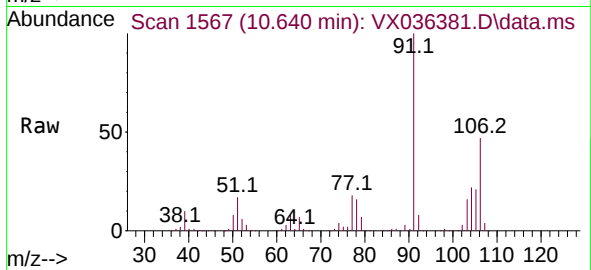
#69
o-Xylene
Concen: 52.225 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 238360
Ion Ratio Lower Upper
106 100
91 213.2 108.9 326.8

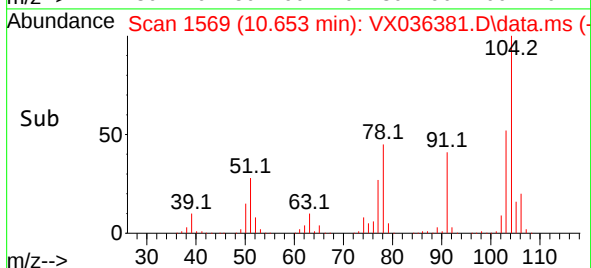
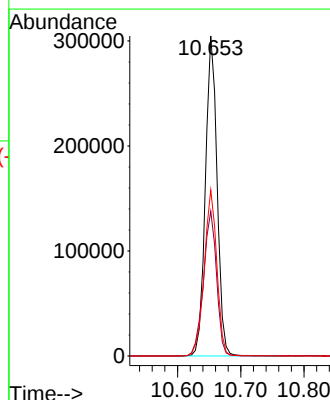
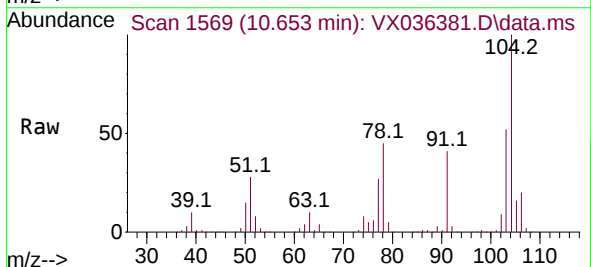
Manual Integrations
APPROVED

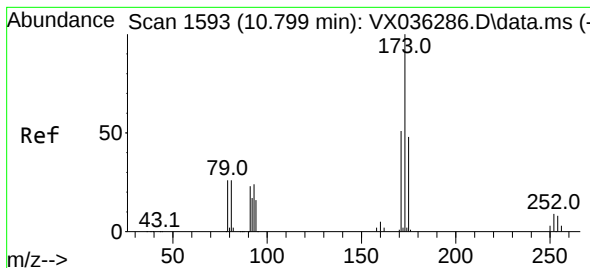
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#70
Styrene
Concen: 52.463 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.001 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

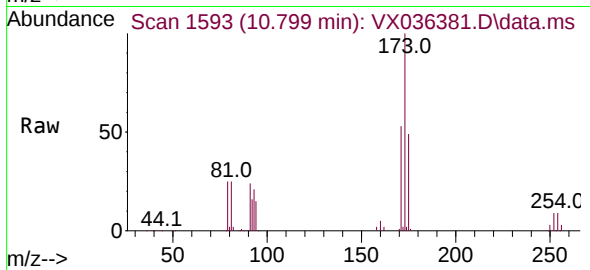
Tgt Ion:104 Resp: 392057
Ion Ratio Lower Upper
104 100
78 50.6 43.6 65.4
103 56.0 43.6 65.4





#71
Bromoform
Concen: 60.268 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

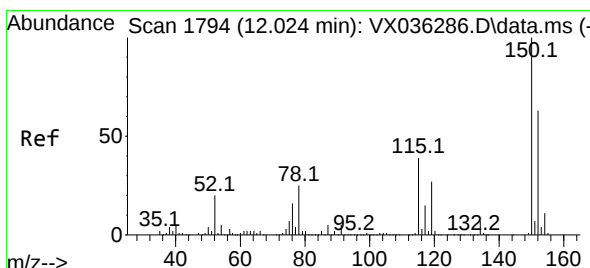
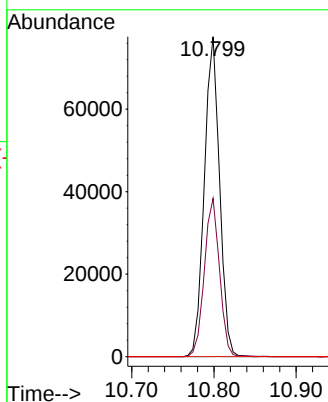
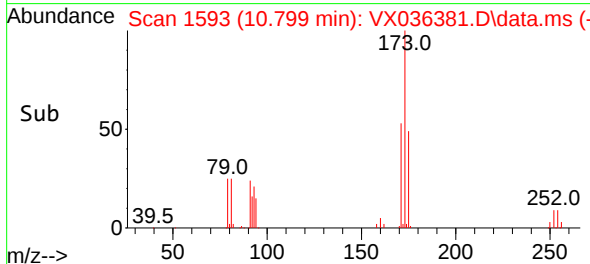
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



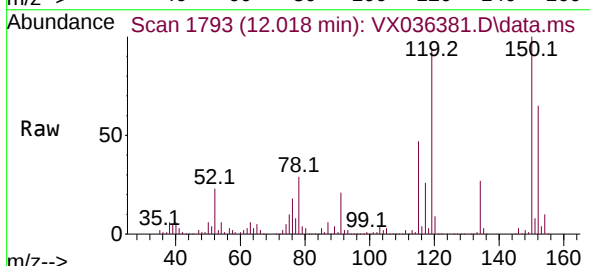
Tgt Ion:173 Resp: 99984
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

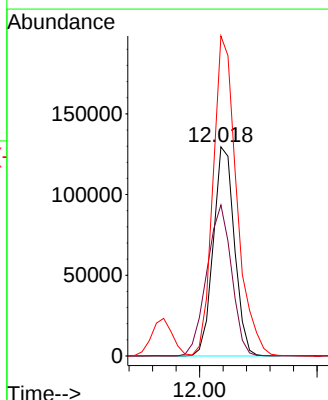
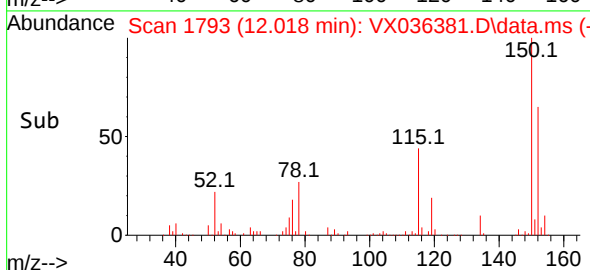
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

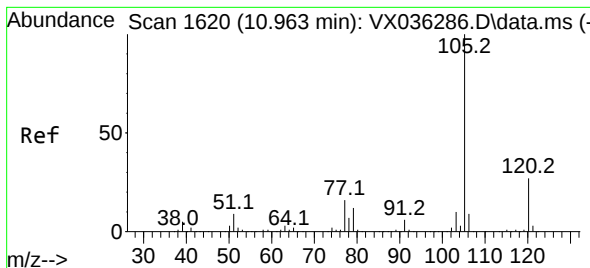


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15



Tgt Ion:152 Resp: 162192
Ion Ratio Lower Upper
152 100
115 84.3 43.3 129.9
150 170.7 0.0 345.0





#73

Isopropylbenzene

Concen: 50.270 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 61445

Ion Ratio Lower Upper

105 100

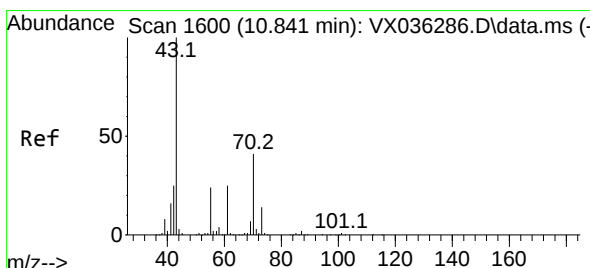
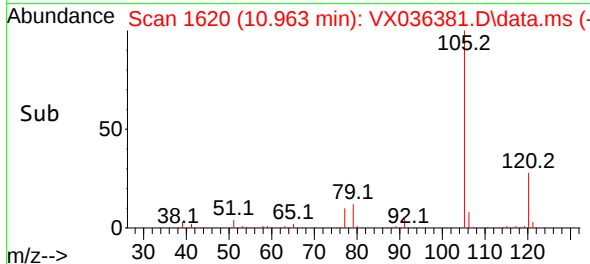
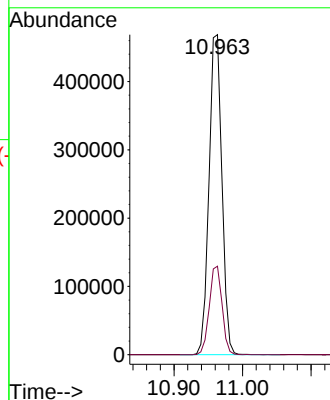
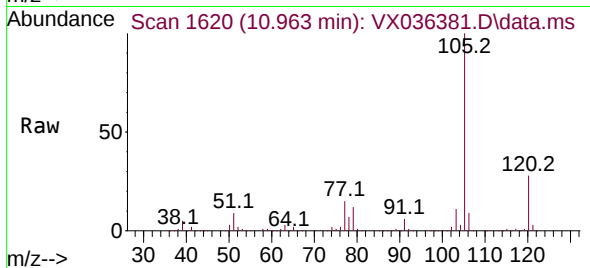
120 27.4 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#74

N-ethyl acetate

Concen: 52.983 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Tgt Ion: 43 Resp: 256157

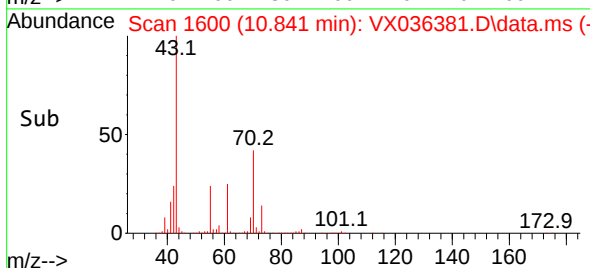
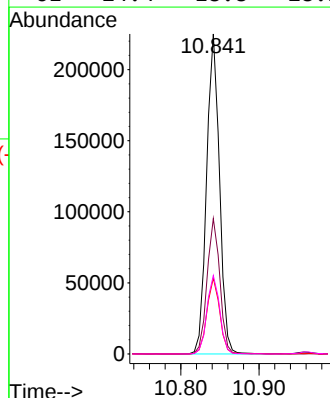
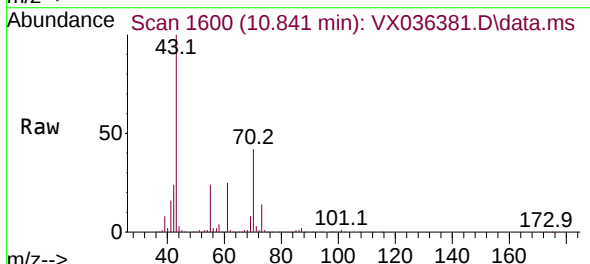
Ion Ratio Lower Upper

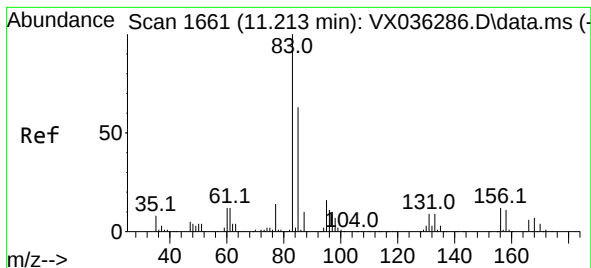
43 100

70 42.1 32.9 49.3

55 23.6 19.3 28.9

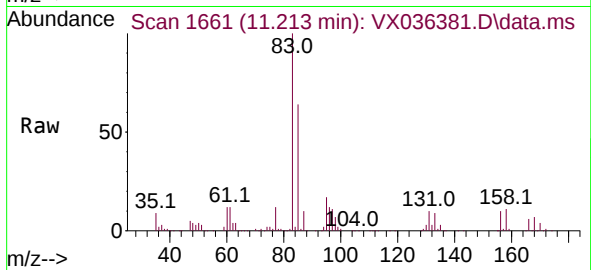
61 24.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.374 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

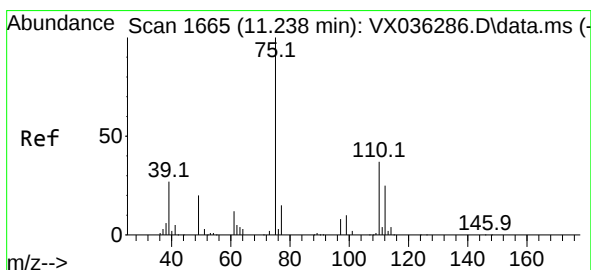
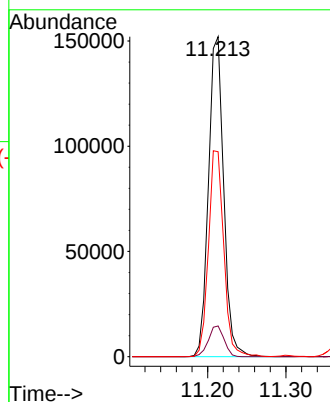
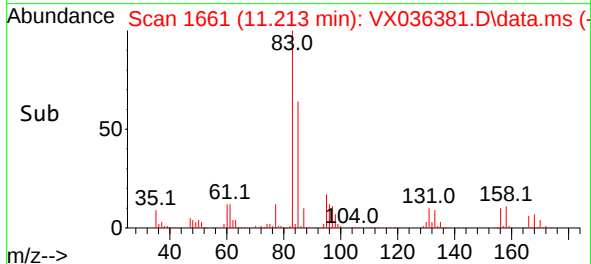
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



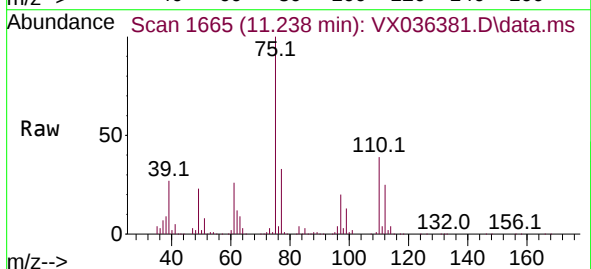
Tgt Ion: 83 Resp: 20436
Ion Ratio Lower Upper
83 100
131 9.9 5.3 15.8
85 64.8 32.0 96.2

Manual Integrations
APPROVED

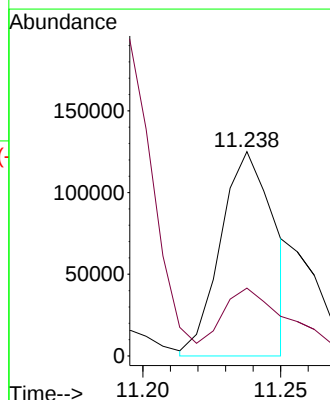
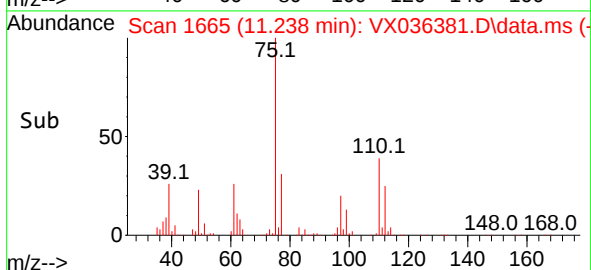
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

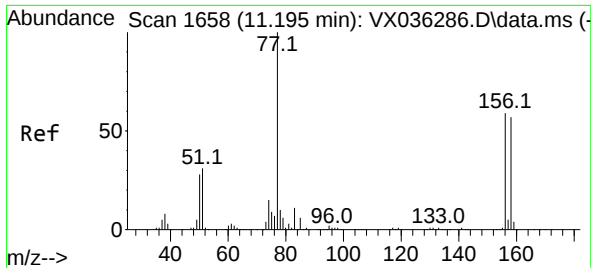


#76
1,2,3-Trichloropropane
Concen: 48.714 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15



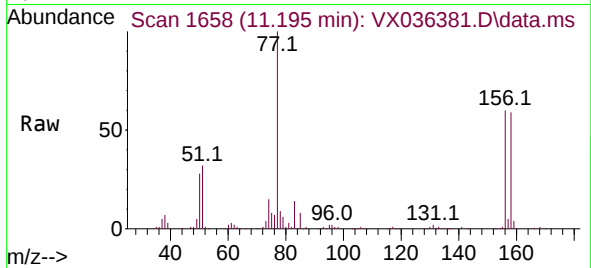
Tgt Ion: 75 Resp: 168532
Ion Ratio Lower Upper
75 100
77 42.7 19.1 57.5





#77
Bromobenzene
Concen: 49.686 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

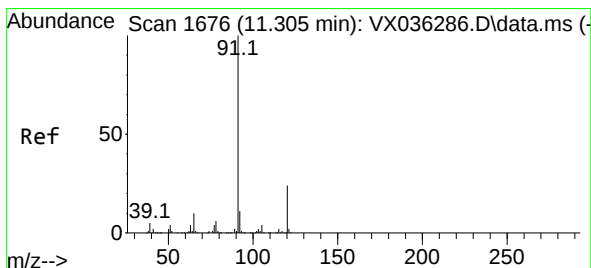
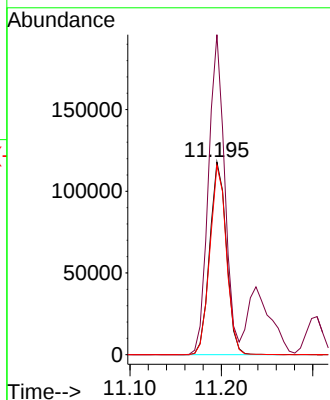
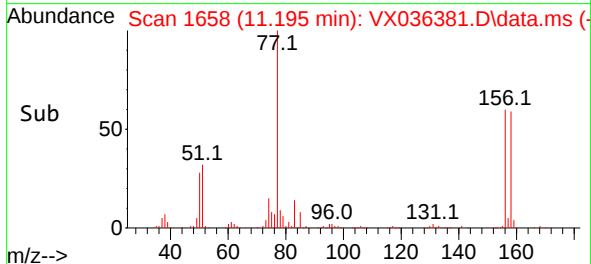
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



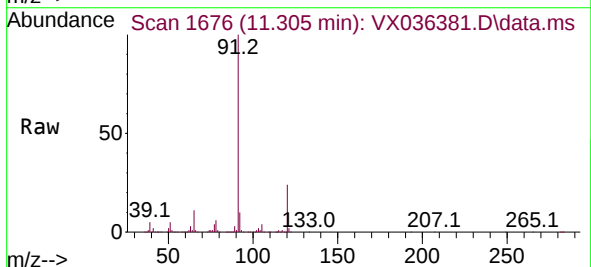
Tgt Ion:156 Resp: 149332
Ion Ratio Lower Upper
156 100
77 162.0 88.4 265.3
158 97.5 48.0 144.0

Manual Integrations
APPROVED

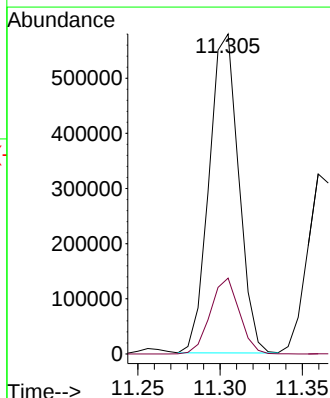
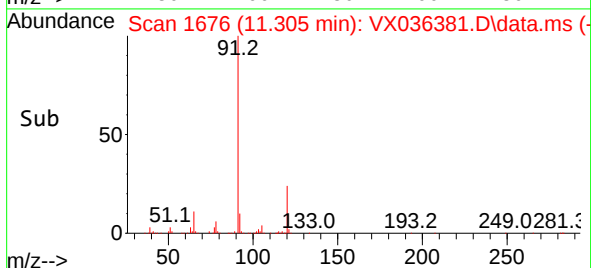
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023

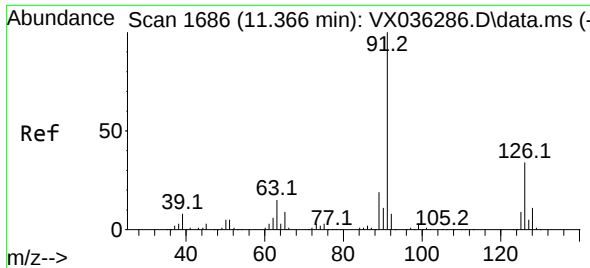


#78
n-propylbenzene
Concen: 50.768 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15



Tgt Ion: 91 Resp: 724703
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4





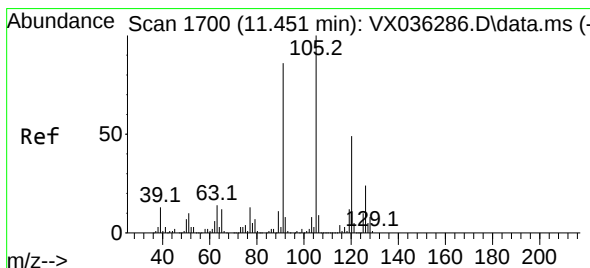
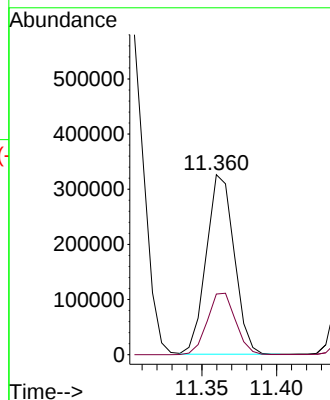
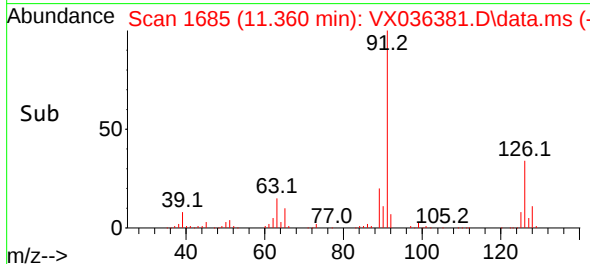
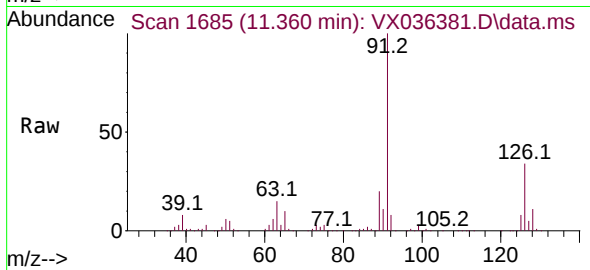
#79
2-Chlorotoluene
Concen: 49.827 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 423112
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

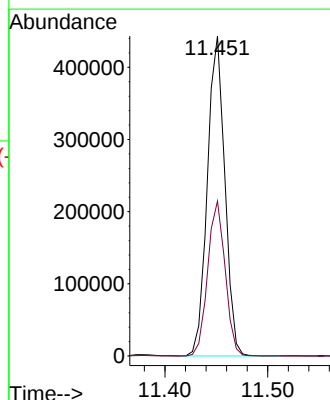
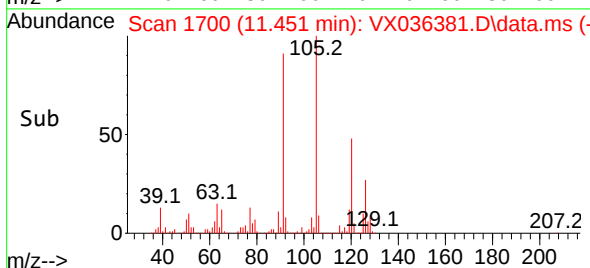
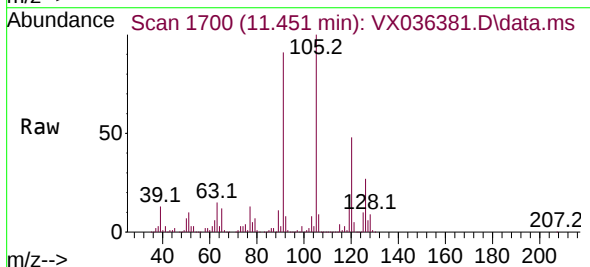
Manual Integrations
APPROVED

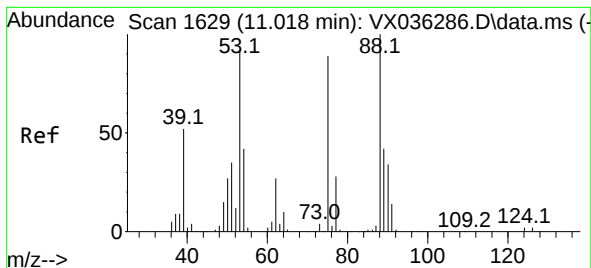
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 50.539 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Tgt Ion:105 Resp: 523141
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





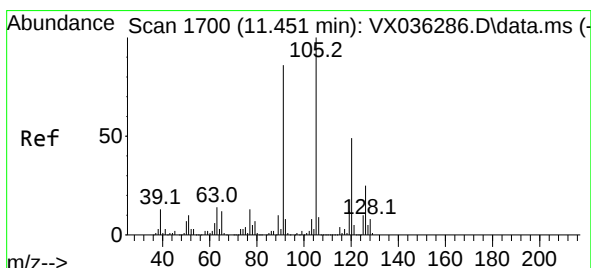
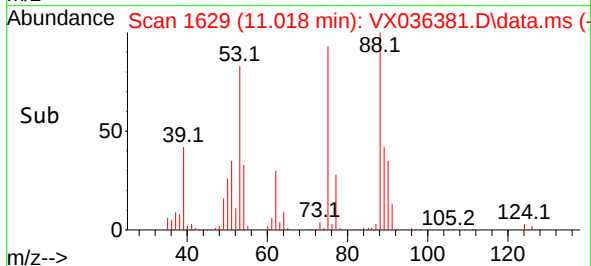
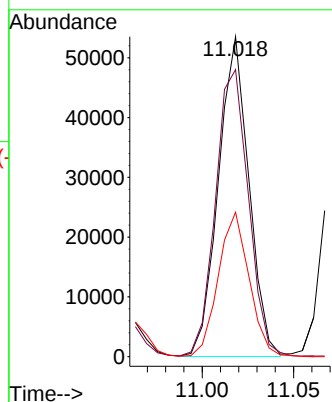
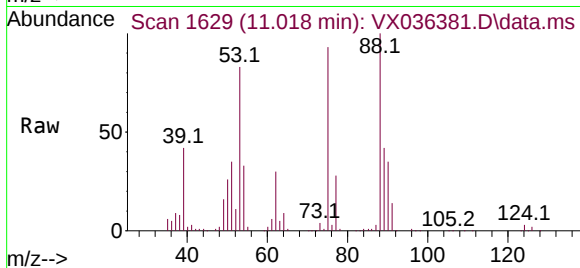
#81
trans-1,4-Dichloro-2-butene
Concen: 58.596 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 62189
Ion Ratio Lower Upper
75 100
53 96.4 90.5 135.7
89 45.8 36.9 55.3

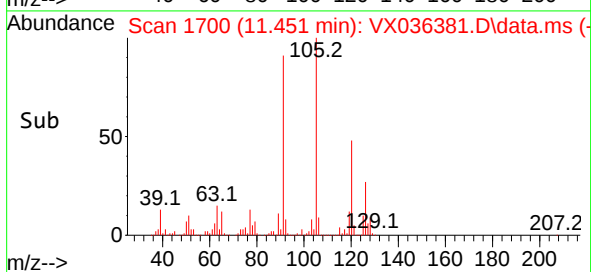
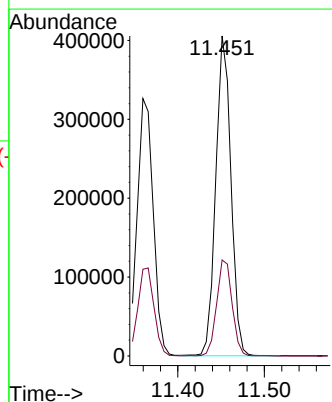
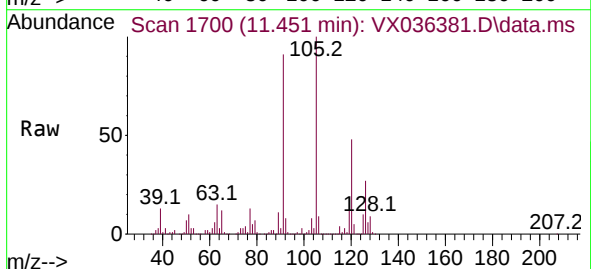
Manual Integrations
APPROVED

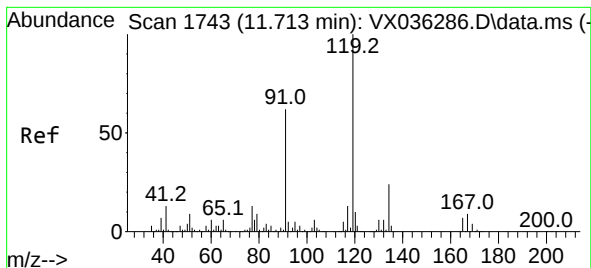
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#82
4-Chlorotoluene
Concen: 49.948 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Tgt Ion: 91 Resp: 493799
Ion Ratio Lower Upper
91 100
126 30.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 50.668 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 502638

Ion Ratio Lower Upper

119 100

91 59.7 31.2 93.6

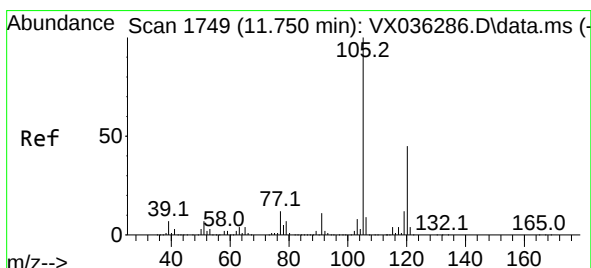
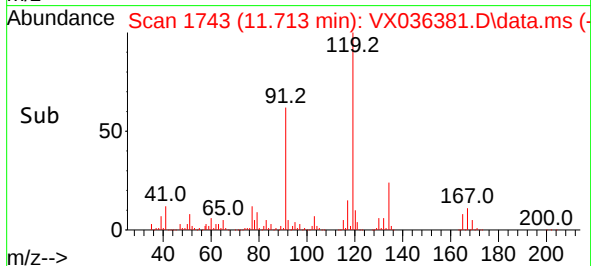
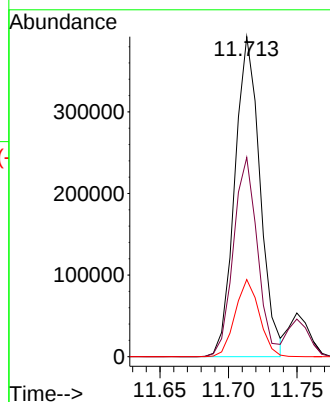
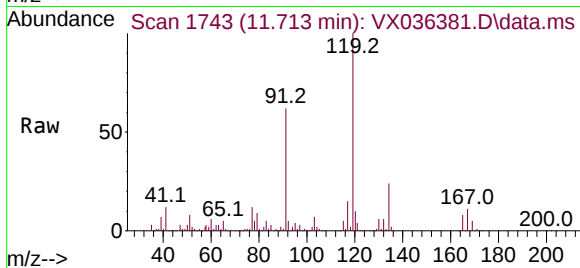
134 23.1 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#84

1,2,4-Trimethylbenzene

Concen: 50.500 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036381.D

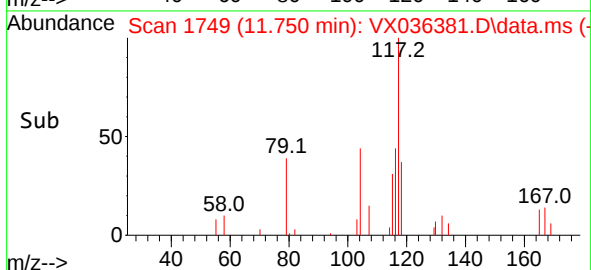
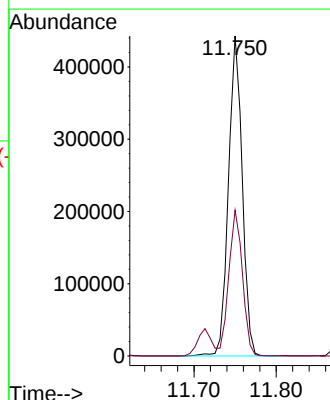
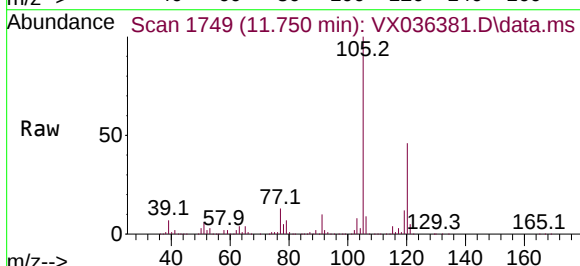
Acq: 30 Jun 2023 09:15

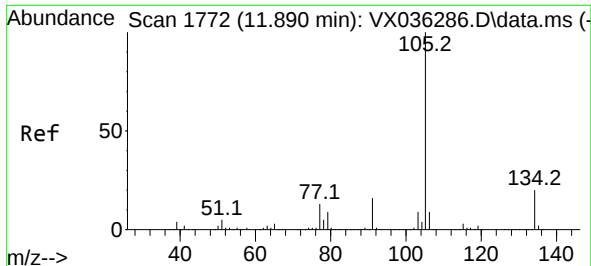
Tgt Ion:105 Resp: 517167

Ion Ratio Lower Upper

105 100

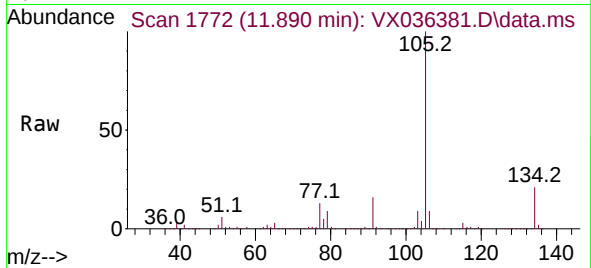
120 45.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 50.213 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036381.D
 Acq: 30 Jun 2023 09:15

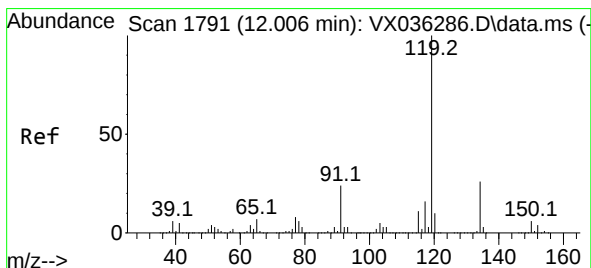
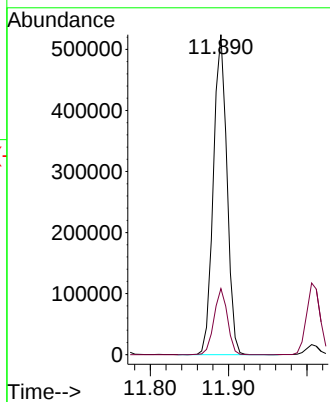
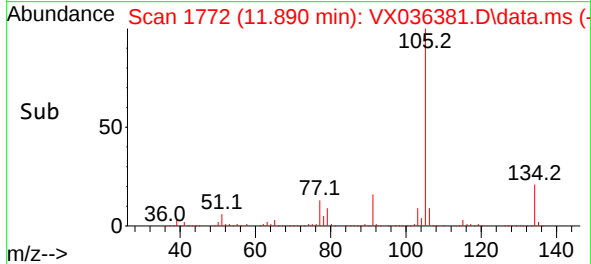
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion:105 Resp: 631050
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.4

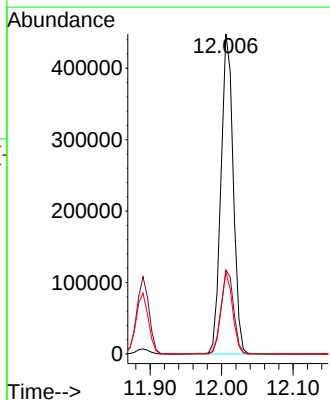
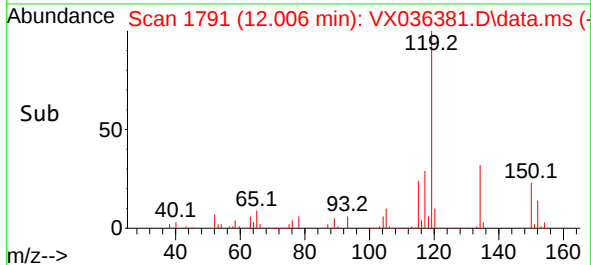
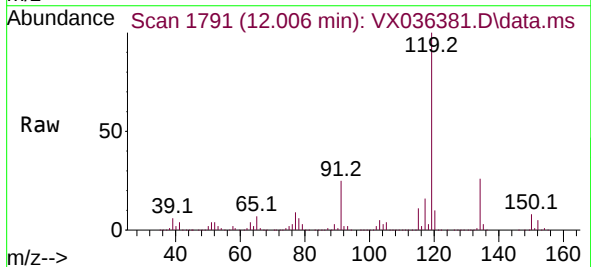
Manual Integrations
 APPROVED

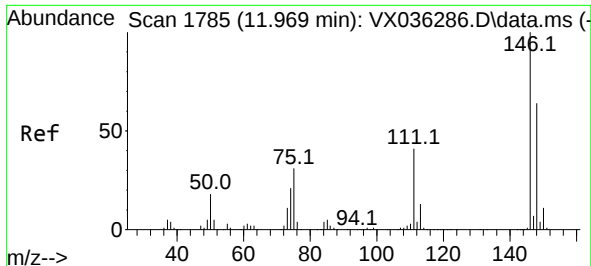
Reviewed By :John Carlone 07/06/2023
 Supervised By :Mahesh Dadoda 07/07/2023



#86
 p-Isopropyltoluene
 Concen: 50.698 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036381.D
 Acq: 30 Jun 2023 09:15

Tgt Ion:119 Resp: 534717
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.8 38.3
 91 24.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.928 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 281419

Ion Ratio Lower Upper

146 100

111 40.9 22.1 66.1

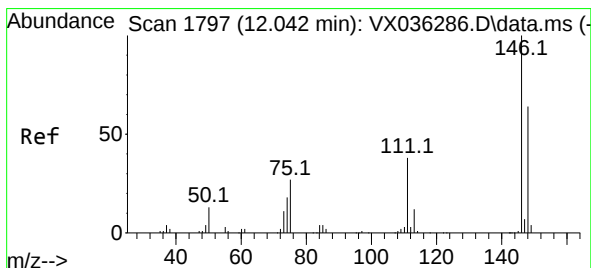
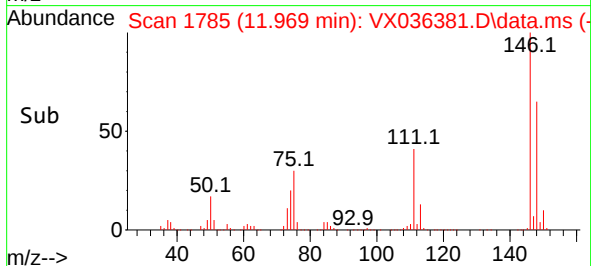
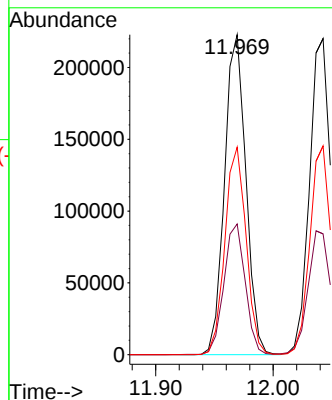
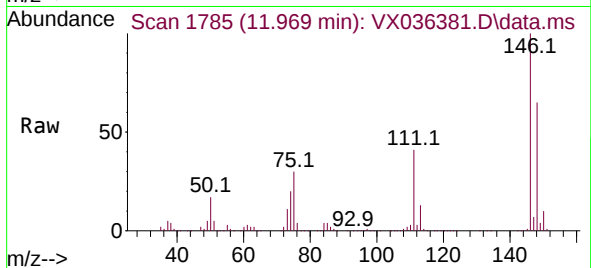
148 64.4 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#88

1,4-Dichlorobenzene

Concen: 49.872 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

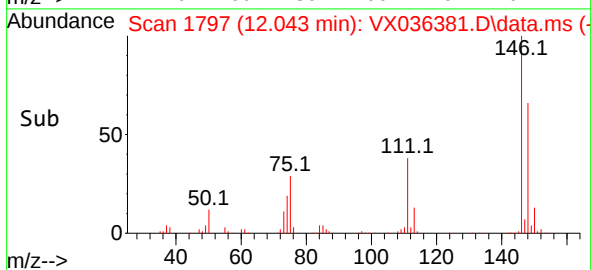
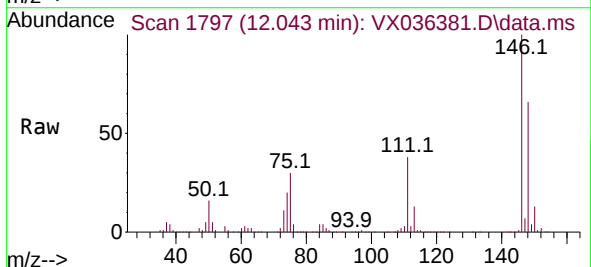
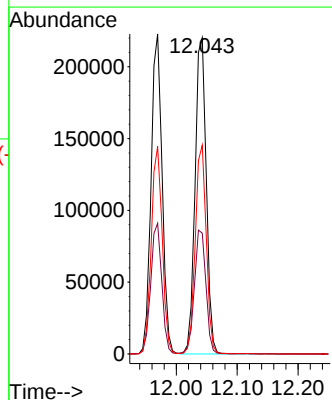
Tgt Ion:146 Resp: 280613

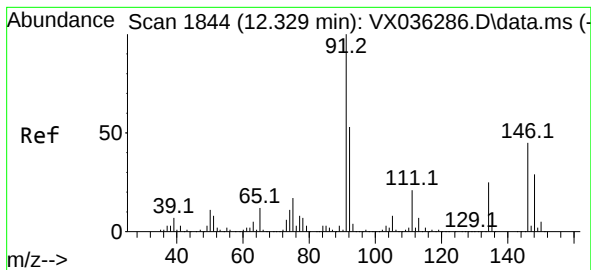
Ion Ratio Lower Upper

146 100

111 40.3 21.3 63.7

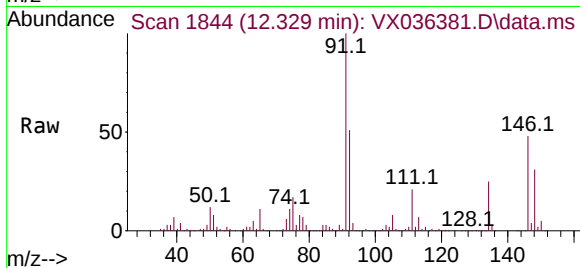
148 64.6 31.8 95.4





#89
n-Butylbenzene
Concen: 52.213 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

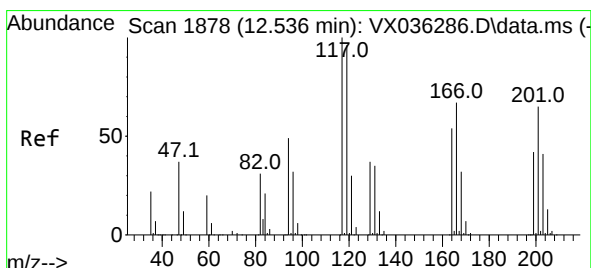
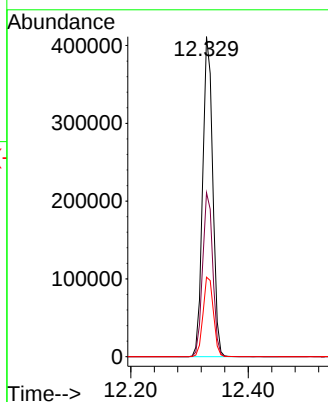
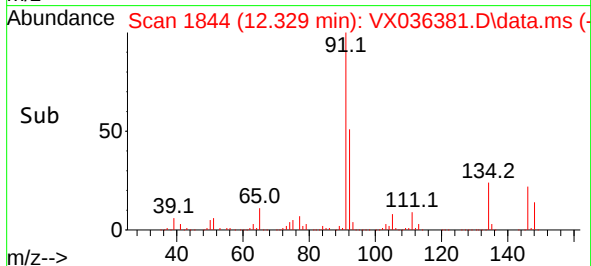
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 490098
Ion Ratio Lower Upper
91 100
92 51.9 27.4 82.0
134 25.6 12.6 37.8

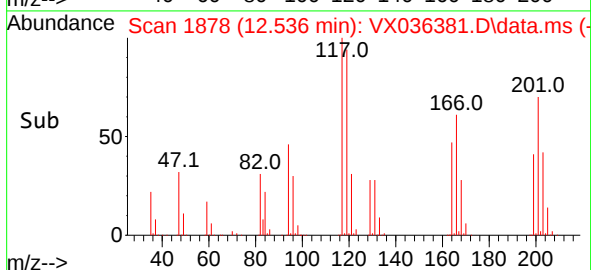
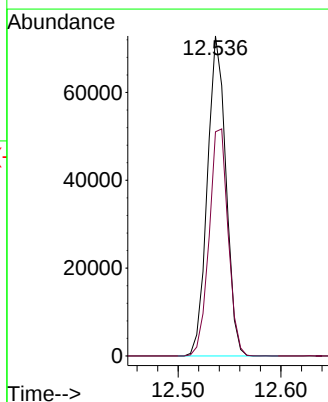
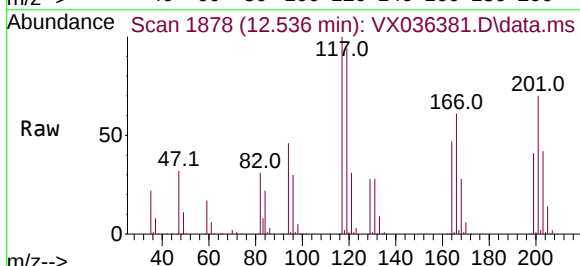
Manual Integrations
APPROVED

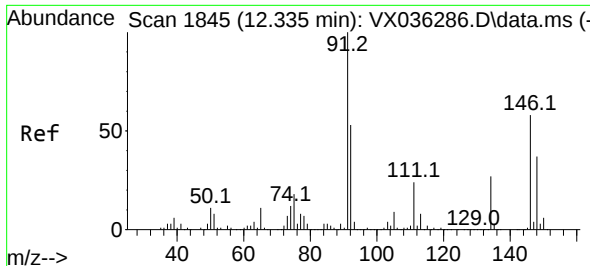
Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#90
Hexachloroethane
Concen: 57.215 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Tgt Ion:117 Resp: 91398
Ion Ratio Lower Upper
117 100
201 72.4 32.9 98.6





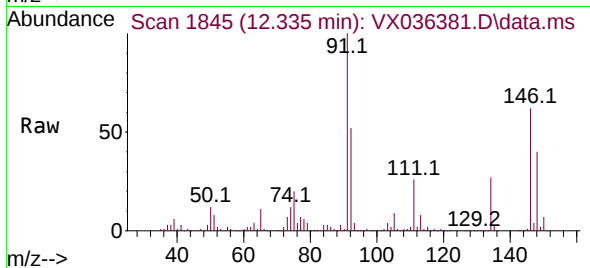
#91
1,2-Dichlorobenzene
Concen: 51.496 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



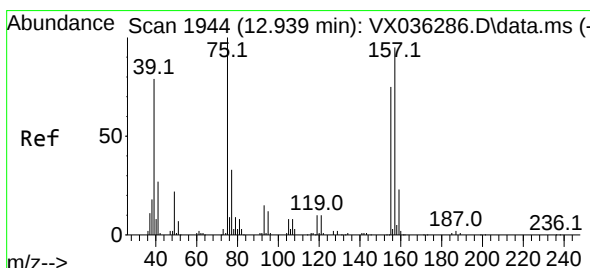
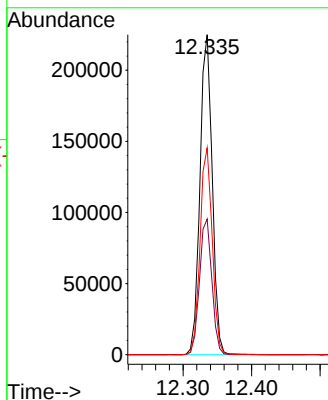
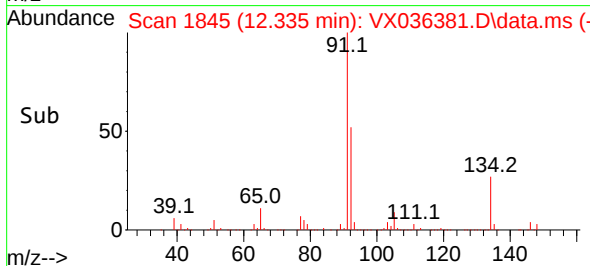
Tgt Ion:146 Resp: 280190
Ion Ratio Lower Upper
146 100
111 42.8 22.4 67.0
148 64.1 31.6 95.0

Manual Integrations

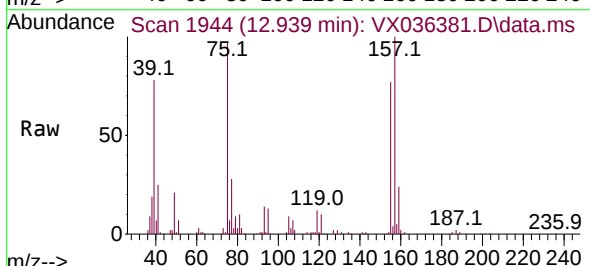
APPROVED

Reviewed By :John Carlone 07/06/2023

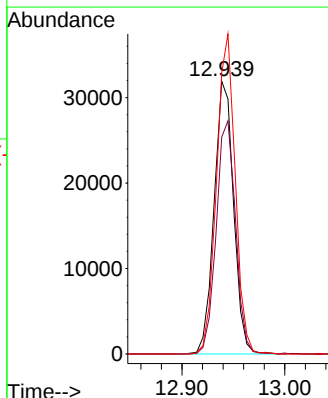
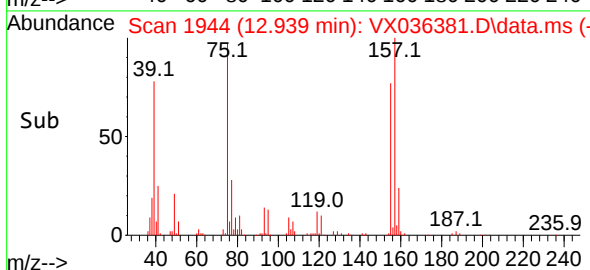
Supervised By :Mahesh Dadoda 07/07/2023

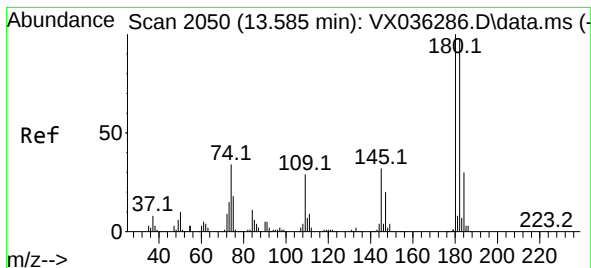


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.415 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15



Tgt Ion: 75 Resp: 41995
Ion Ratio Lower Upper
75 100
155 84.7 36.1 108.5
157 112.2 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.420 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

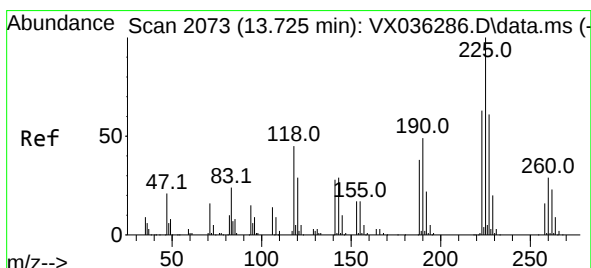
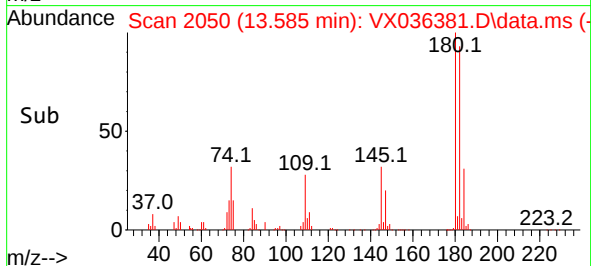
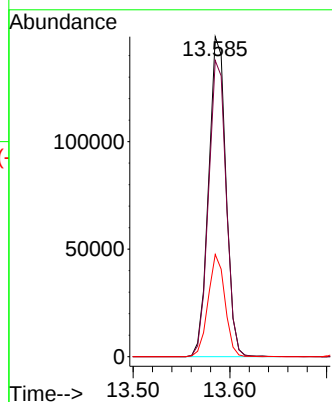
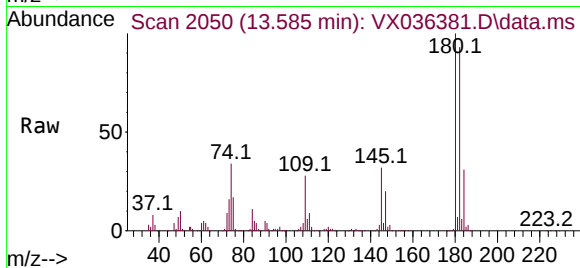
Tgt Ion:180	Resp: 185734
Ion Ratio	Lower Upper
180 100	
182 94.2	48.3 144.8
145 31.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/06/2023

Supervised By :Mahesh Dadoda 07/07/2023



#94

Hexachlorobutadiene

Concen: 51.978 ug/l

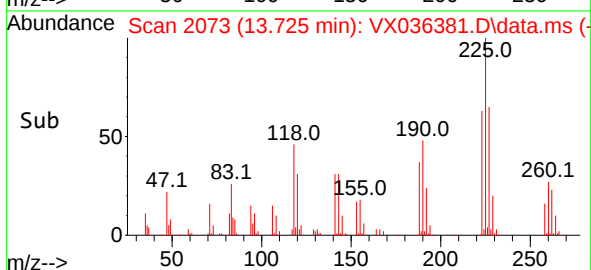
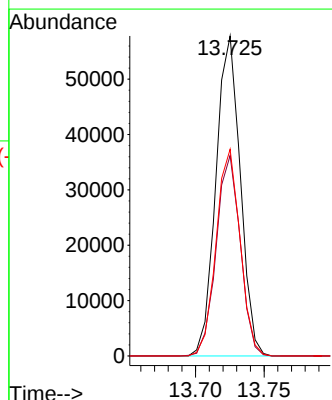
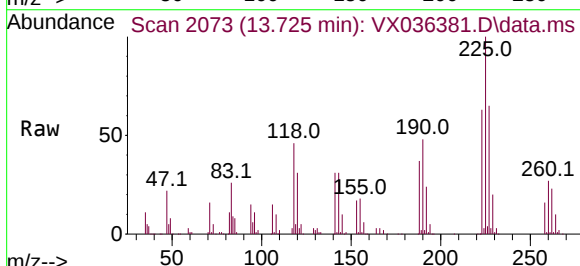
RT: 13.725 min Scan# 2073

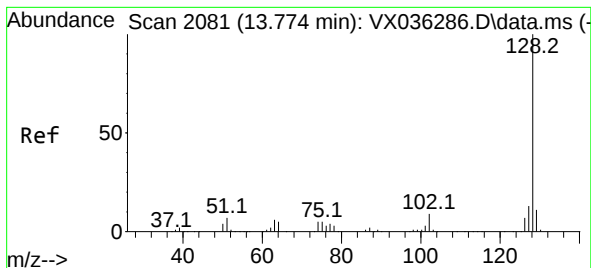
Delta R.T. 0.000 min

Lab File: VX036381.D

Acq: 30 Jun 2023 09:15

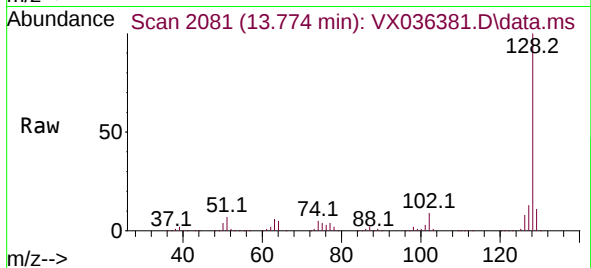
Tgt Ion:225	Resp: 71343
Ion Ratio	Lower Upper
225 100	
223 61.7	31.1 93.2
227 63.6	32.5 97.5





#95
Naphthalene
Concen: 53.602 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15

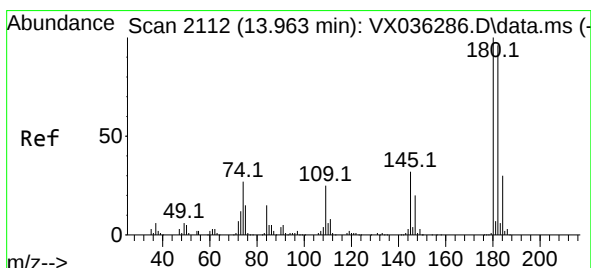
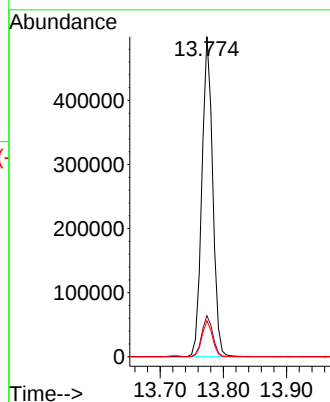
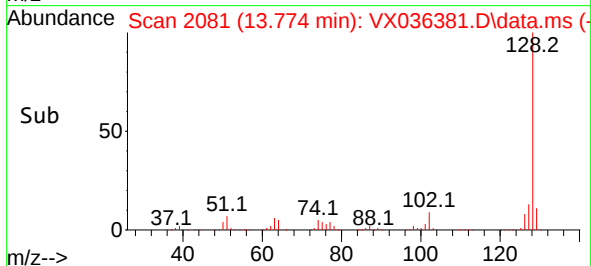
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



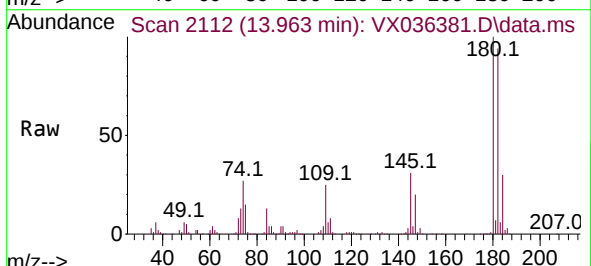
Tgt Ion:128 Resp: 59347
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/06/2023
Supervised By :Mahesh Dadoda 07/07/2023



#96
1,2,3-Trichlorobenzene
Concen: 54.716 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036381.D
Acq: 30 Jun 2023 09:15



Tgt Ion:180 Resp: 178872
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.6
145 33.1 17.8 53.5

