

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061523\
 Data File : VX036163.D
 Acq On : 15 Jun 2023 10:59
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 07:51:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	33252	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	209720	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	202780	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	108564	39.294	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 130.967%#			
60) 4-Bromofluorobenzene	11.079	95	109030	32.043	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 106.800%			
63) Toluene-d8	8.647	98	252191	28.132	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 93.767%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	42012	24.707	ug/l	99
3) Chloromethane	1.295	50	39781	19.070	ug/l	99
4) Vinyl Chloride	1.374	62	38202	19.487	ug/l	95
5) Bromomethane	1.618	94	23003	17.442	ug/l	99
6) Chloroethane	1.691	64	25008	20.235	ug/l	96
7) Trichlorofluoromethane	1.886	101	63603	21.401	ug/l	97
8) Diethyl Ether	2.130	74	25486	20.626	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	37639	23.540	ug/l	97
10) 1,1-Dichloroethene	2.319	96	33328	19.995	ug/l	88
11) Methyl Iodide	2.453	142	36505	18.129	ug/l	99
12) Methyl Acetate	2.703	43	109501	23.249	ug/l	98
13) Acrolein	2.240	56	33969	91.237	ug/l	97
14) Acrylonitrile	3.069	53	130339	110.390	ug/l	98
15) Acetone	2.392	58	34323	97.187	ug/l	93
16) Carbon Disulfide	2.514	76	70471	19.481	ug/l	99
17) Allyl chloride	2.666	41	71317	21.208	ug/l	95
18) Methylene Chloride	2.788	84	44476	20.489	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	38564	20.523	ug/l	95
20) Diisopropyl ether	3.758	45	154305	21.255	ug/l	95
21) 1,1-Dichloroethane	3.611	63	81767	21.489	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	47722	20.525	ug/l	96
23) tert-Butyl Alcohol	3.008	59	48013m	111.401	ug/l	
24) Methyl tert-Butyl Ether	3.111	73	152722	22.733	ug/l	96
25) Chloroform	5.087	83	87217	22.337	ug/l	98
26) Cyclohexane	5.471	56	60460	21.009	ug/l #	97
29) 1,1-Dichloropropene	5.690	75	56471	19.337	ug/l	97
30) 2-Butanone	4.562	43	189171	98.952	ug/l #	96
31) 2,2-Dichloropropane	4.477	77	63874	20.358	ug/l #	77
32) 1,1,1-Trichloroethane	5.379	97	71026	20.826	ug/l	97
33) Carbon Tetrachloride	5.672	117	57671	21.415	ug/l	98
34) Benzene	6.038	78	167242	18.153	ug/l	99
35) Methacrylonitrile	4.916	41	41848	20.514	ug/l	97
36) 1,2-Dichloroethane	6.086	62	79552	22.187	ug/l	96
37) Trichloroethene	7.123	130	41879	18.084	ug/l	94
38) Methylcyclohexane	7.379	83	63251	19.749	ug/l	96
39) 1,2-Dichloropropane	7.428	63	46384	18.704	ug/l	100
40) Dibromomethane	7.580	93	33248	19.823	ug/l	94
41) Bromodichloromethane	7.818	83	64540	21.286	ug/l #	97
42) Vinyl Acetate	3.721	43	543815	96.842	ug/l	99

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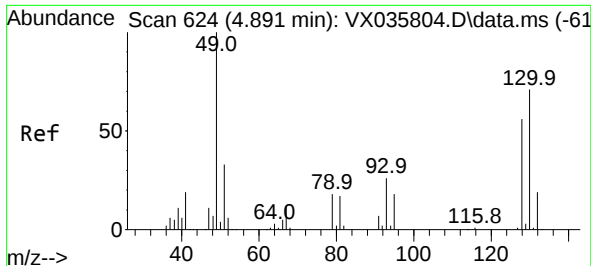
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	73038	20.033	ug/l	100
44) Isopropyl Acetate	6.336	43	115406	19.419	ug/l	99
45) 1,4-Dioxane	7.714	88	20227	358.336	ug/l #	52
46) Methyl methacrylate	7.690	41	57257	19.940	ug/l	95
47) n-amyl Acetate	10.842	43	96226	19.276	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	66329	19.774	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	73078	19.741	ug/l	98
50) 1,1,2-Trichloroethane	9.147	97	46366	19.323	ug/l	98
51) Ethyl methacrylate	9.116	69	71928	19.446	ug/l	95
52) 1,3-Dichloropropane	9.305	76	81455	19.479	ug/l	100
53) Dibromochloromethane	9.519	129	44483	20.214	ug/l	100
54) 1,2-Dibromoethane	9.610	107	47601	19.094	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	202830	103.329	ug/l	99
56) Bromoform	10.799	173	28424	19.925	ug/l	96
58) 4-Methyl-2-Pentanone	8.568	43	375983	95.458	ug/l	99
59) 2-Hexanone	9.427	43	284815	96.101	ug/l	98
61) Tetrachloroethene	9.275	164	34146	17.485	ug/l	97
62) Toluene	8.714	91	180076	17.244	ug/l	100
64) Chlorobenzene	10.080	112	114533	17.318	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	42186	18.245	ug/l	98
66) Ethyl Benzene	10.189	91	207065	17.730	ug/l	99
67) m/p-Xylenes	10.299	106	155829	35.251	ug/l	96
68) o-Xylene	10.640	106	77067	17.429	ug/l	93
69) Styrene	10.653	104	129177	17.701	ug/l	96
70) Isopropylbenzene	10.964	105	206011	18.253	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.214	83	75508	18.888	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	66290m	19.040	ug/l	
73) Bromobenzene	11.195	156	47565	17.347	ug/l	87
74) n-propylbenzene	11.305	91	247503	18.398	ug/l	99
75) 2-Chlorotoluene	11.360	91	156941	18.992	ug/l	96
76) 1,3,5-Trimethylbenzene	11.451	105	180304	18.810	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	18764	17.865	ug/l	96
78) 4-Chlorotoluene	11.451	91	180918	19.218	ug/l	97
79) tert-butylbenzene	11.713	119	172608	18.653	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	180241	18.710	ug/l	98
81) sec-Butylbenzene	11.890	105	218104	18.668	ug/l	98
82) p-Isopropyltoluene	12.006	119	180125	18.532	ug/l	97
83) 1,3-Dichlorobenzene	11.969	146	93750	18.065	ug/l	97
84) 1,4-Dichlorobenzene	12.043	146	93170	17.887	ug/l	98
85) n-Butylbenzene	12.329	91	163404	18.897	ug/l	99
86) Hexachloroethane	12.536	117	27398	17.900	ug/l	92
87) 1,2-Dichlorobenzene	12.335	146	93038	18.298	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.945	75	16405	21.472	ug/l	83
89) 1,2,4-Trichlorobenzene	13.585	180	56031	18.387	ug/l	98
90) Hexachlorobutadiene	13.725	225	22167	19.733	ug/l	98
91) Naphthalene	13.774	128	192009	18.208	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	55615	18.279	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



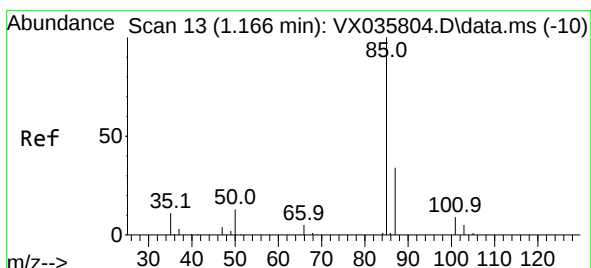
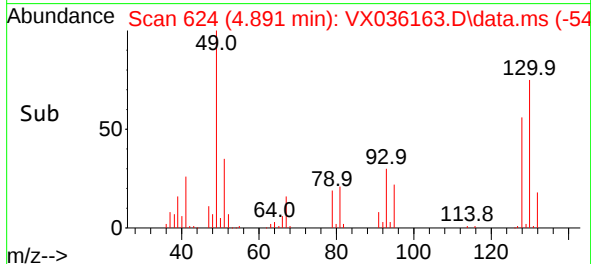
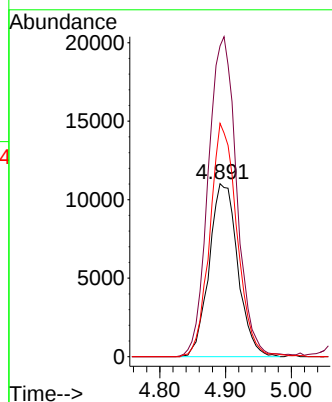
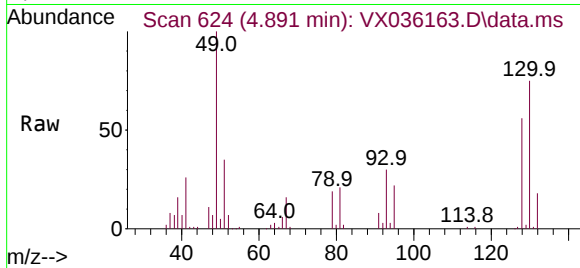
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
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ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 3325
Ion Ratio Lower Upper
128 100
49 184.6 0.0 428.8
130 127.6 0.0 310.8

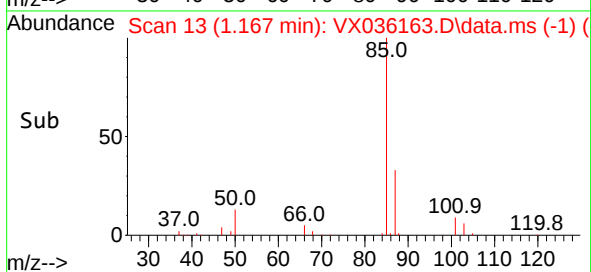
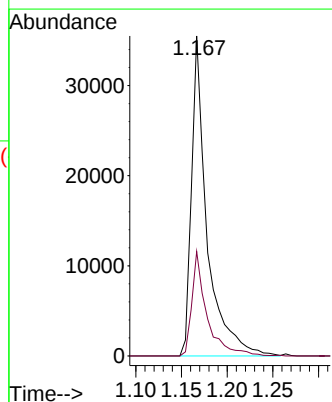
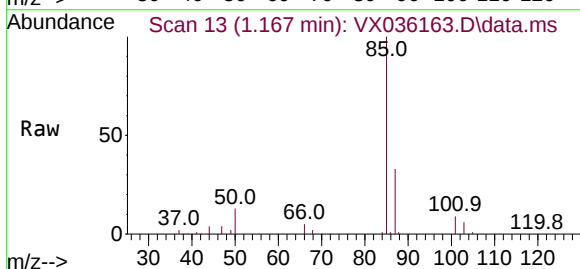
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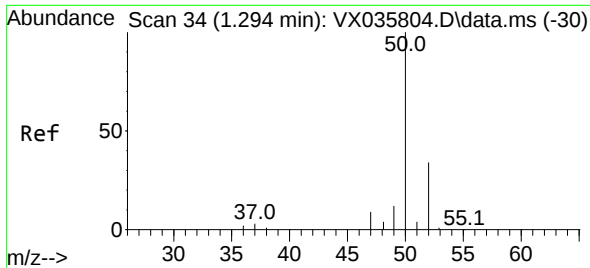
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#2
Dichlorodifluoromethane
Concen: 24.707 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

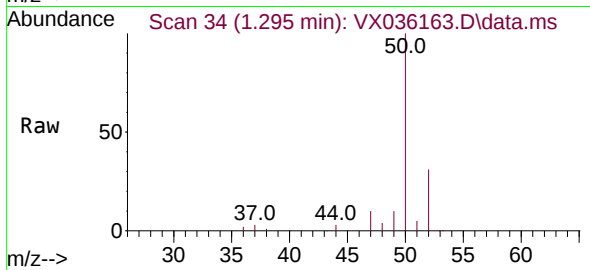
Tgt Ion: 85 Resp: 42012
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0





#3
Chloromethane
Concen: 19.070 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

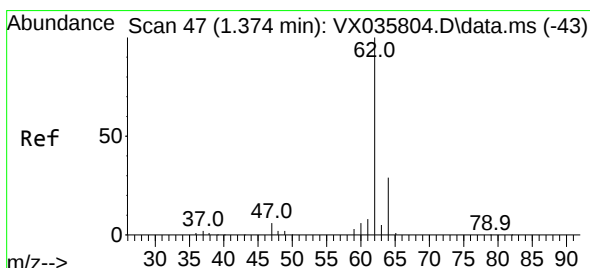
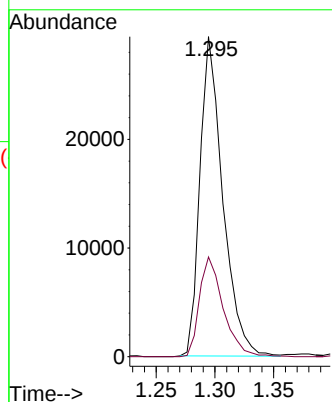
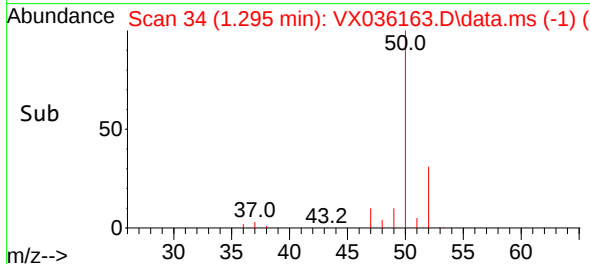
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



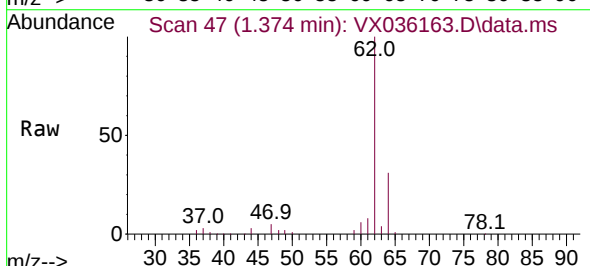
Tgt Ion: 50 Resp: 3978
Ion Ratio Lower Upper
50 100
52 31.2 24.6 36.8

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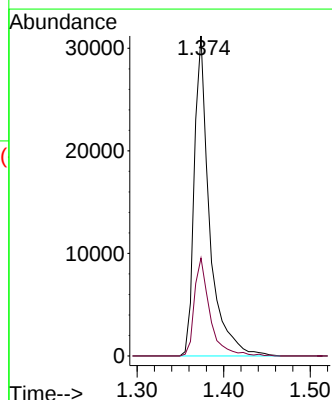
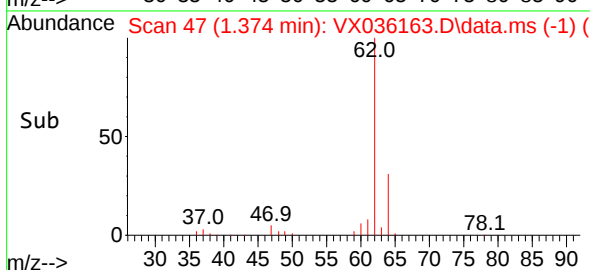
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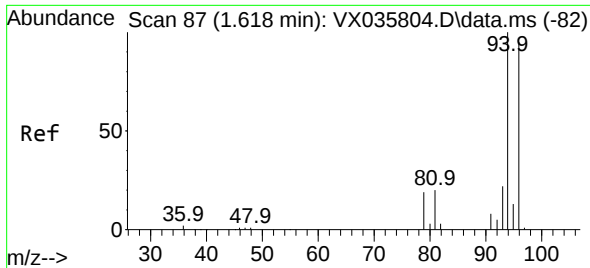


#4
Vinyl Chloride
Concen: 19.487 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59



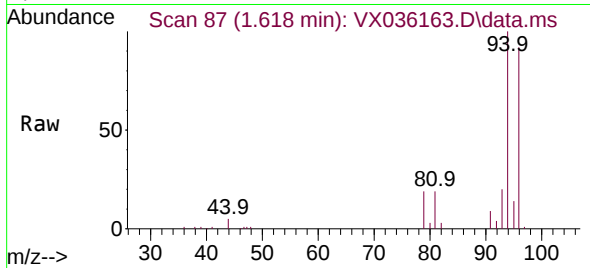
Tgt Ion: 62 Resp: 38202
Ion Ratio Lower Upper
62 100
64 30.6 26.9 40.3





#5
Bromomethane
Concen: 17.442 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

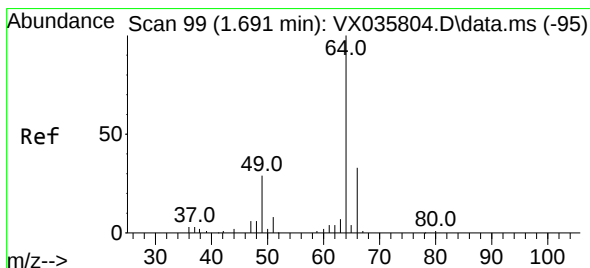
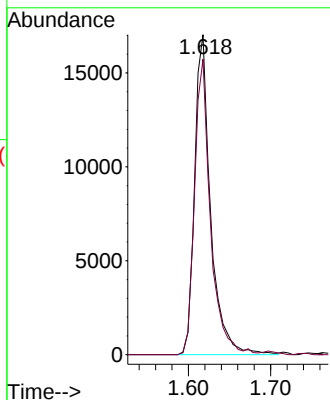
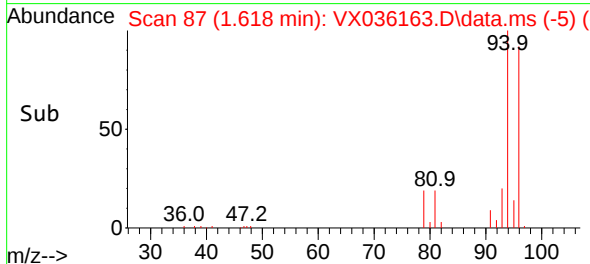
Instrument :
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ClientSampleId :
VSTDCCC020



Tgt Ion: 94 Resp: 23000
Ion Ratio Lower Upper
94 100
96 92.3 73.4 110.0

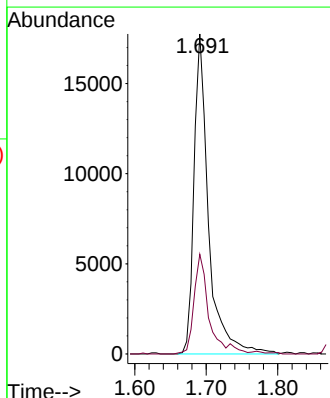
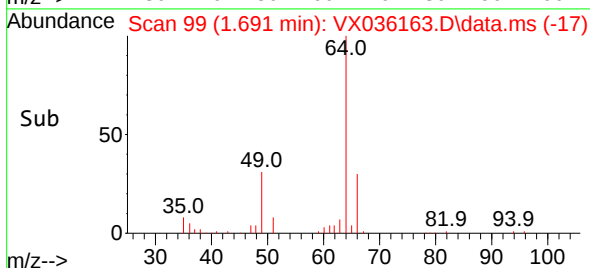
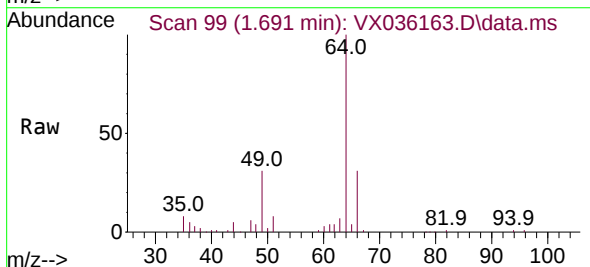
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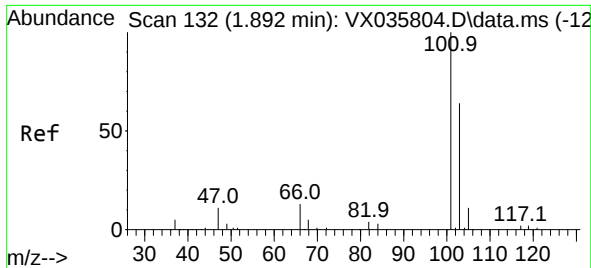
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#6
Chloroethane
Concen: 20.235 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion: 64 Resp: 25008
Ion Ratio Lower Upper
64 100
66 30.8 26.6 40.0





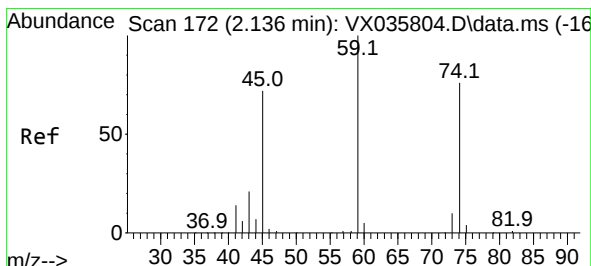
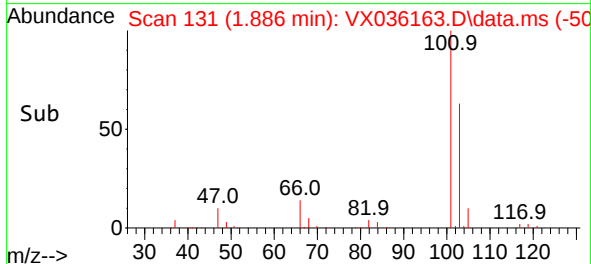
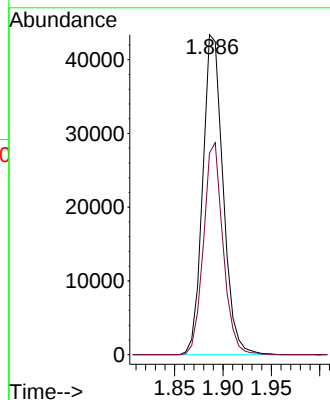
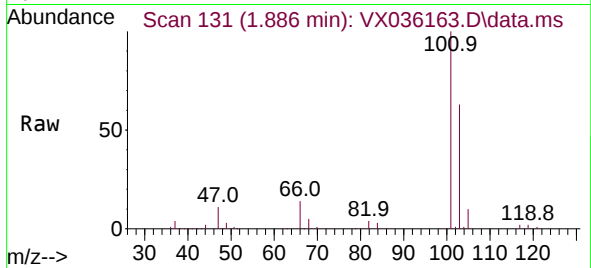
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 Trichlorofluoromethane
 Concen: 21.401 ug/l
 RT: 1.886 min Scan# 111
 Delta R.T. -0.006 min
 Lab File: VX036163.D
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Tgt Ion:101 Resp: 6360
 Ion Ratio Lower Upper
 101 100
 103 63.0 52.1 78.1

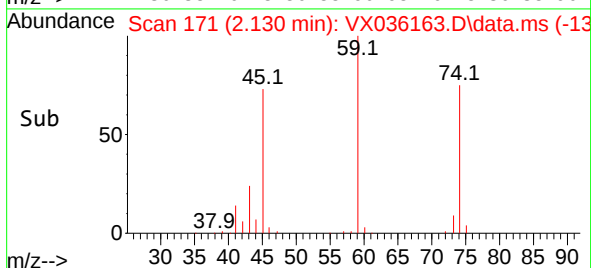
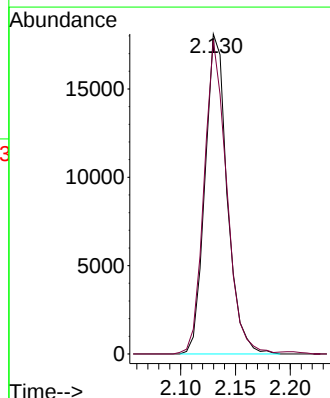
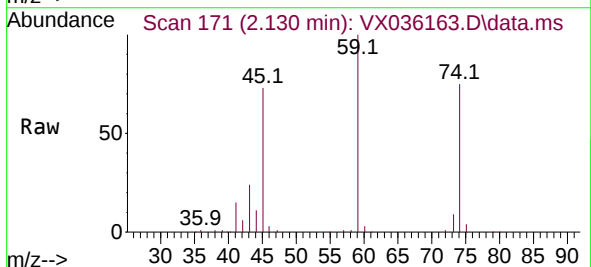
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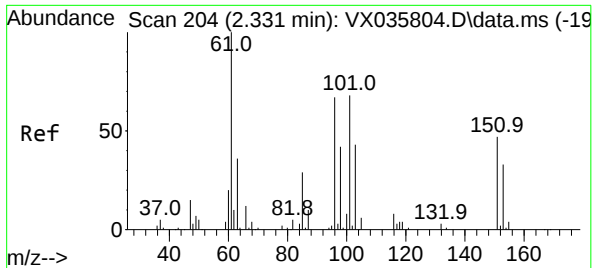
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#8
 Diethyl Ether
 Concen: 20.626 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX036163.D
 Acq: 15 Jun 2023 10:59

Tgt Ion: 74 Resp: 25486
 Ion Ratio Lower Upper
 74 100
 45 100.1 20.5 184.5





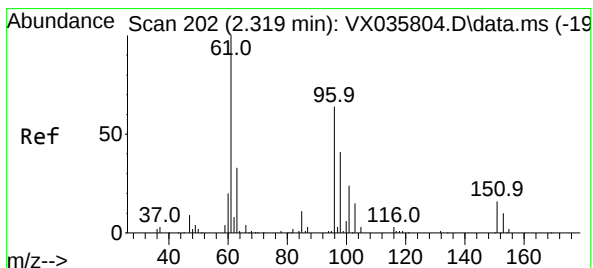
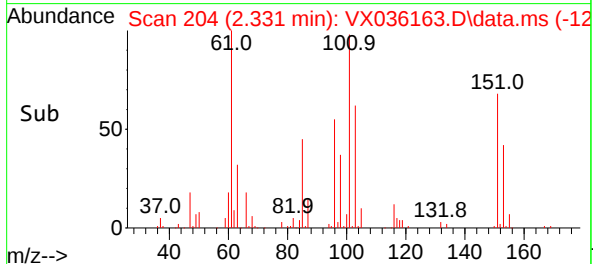
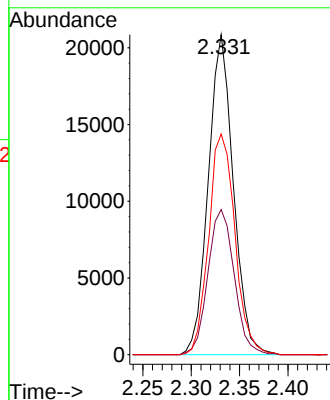
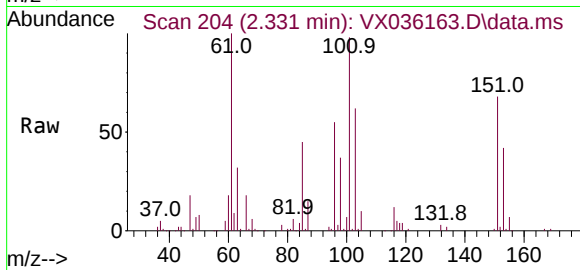
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1,1,2-Trichlorotrifluoroethane
Concen: 23.540 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 101 Resp: 37639
Ion Ratio Lower Upper
101 100
85 47.6 0.0 88.8
151 72.4 0.0 147.6

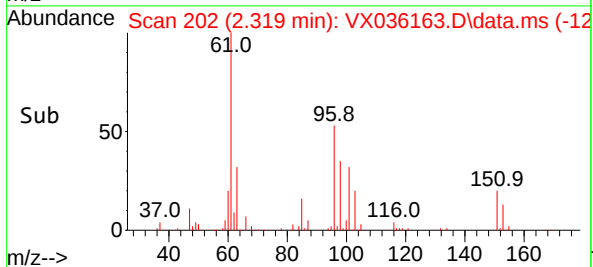
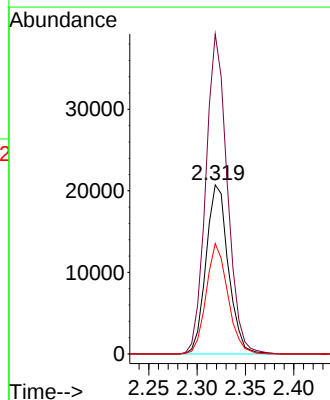
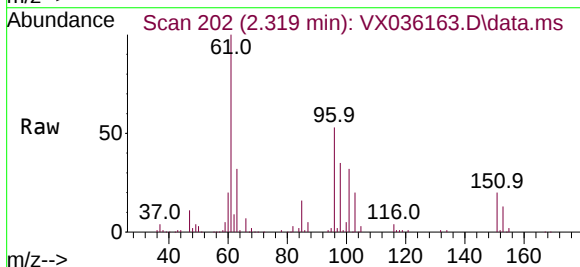
Manual Integrations
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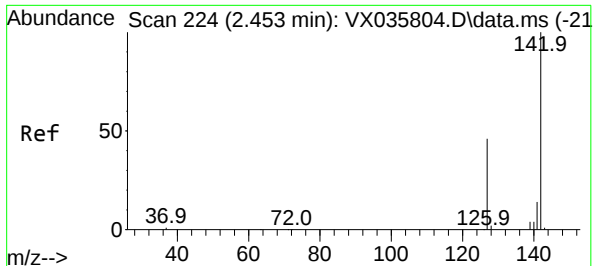
Reviewed By : John Carlone 06/16/2023
Supervised By : Mahesh Dadoda 06/16/2023



#10
1,1-Dichloroethene
Concen: 19.995 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion: 96 Resp: 33328
Ion Ratio Lower Upper
96 100
61 189.2 135.8 203.6
98 65.3 49.8 74.6





#11

Methyl Iodide

Concen: 18.129 ug/l

RT: 2.453 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX036163.D

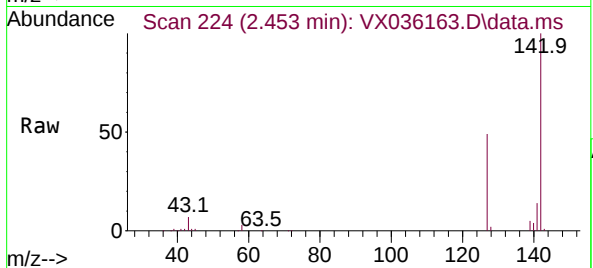
Acq: 15 Jun 2023 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020



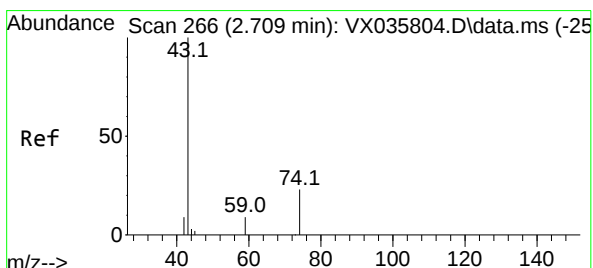
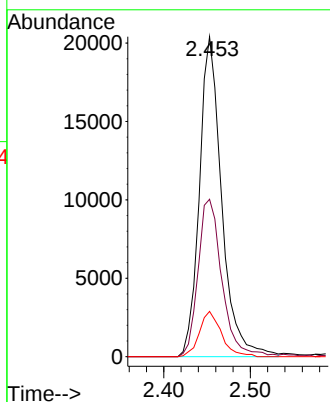
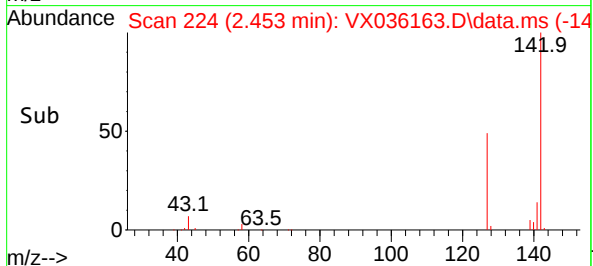
Tgt Ion:	142	Resp:	3650
Ion	Ratio	Lower	Upper
142	100		
127	49.2	24.5	73.5
141	14.2	7.6	22.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#12

Methyl Acetate

Concen: 23.249 ug/l

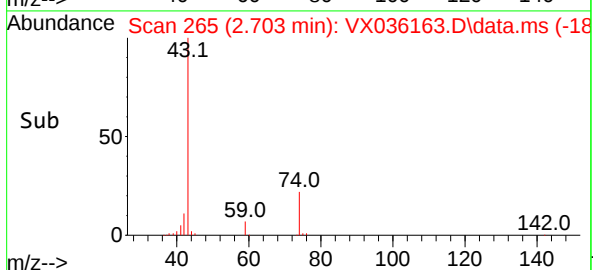
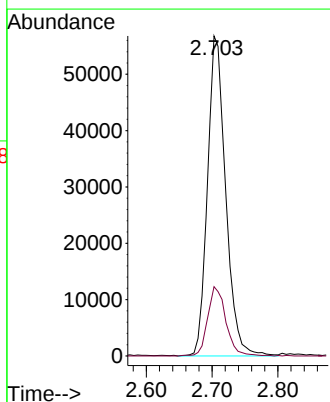
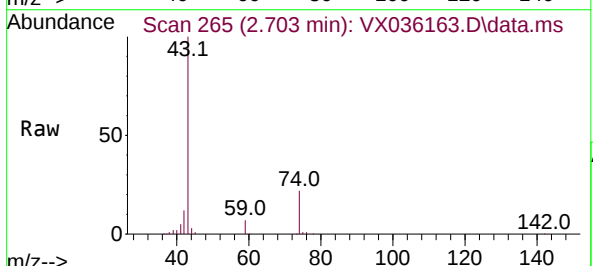
RT: 2.703 min Scan# 265

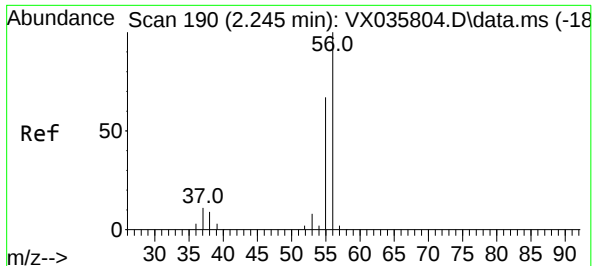
Delta R.T. -0.006 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

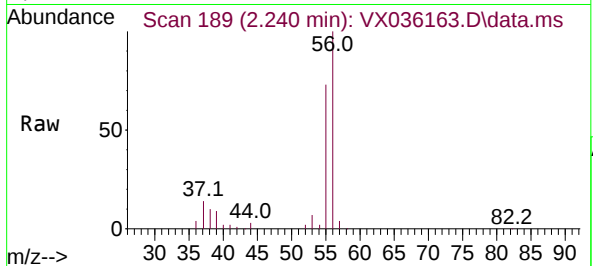
Tgt Ion:	43	Resp:	109501
Ion	Ratio	Lower	Upper
43	100		
74	21.6	18.0	27.0





#13
Acrolein
Concen: 91.237 ug/l
RT: 2.240 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

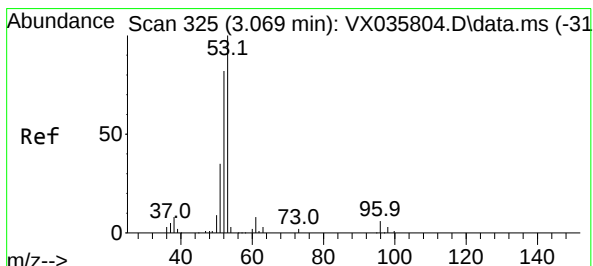
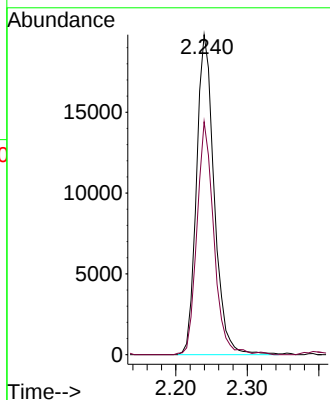
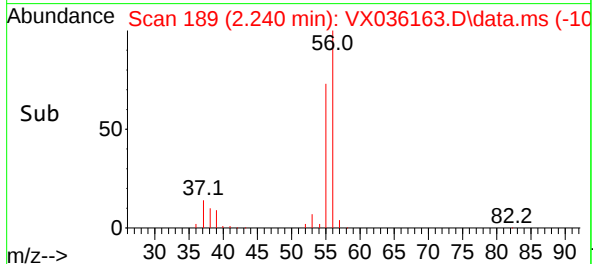
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 3396
Ion Ratio Lower Upper
56 100
55 68.5 56.6 85.0

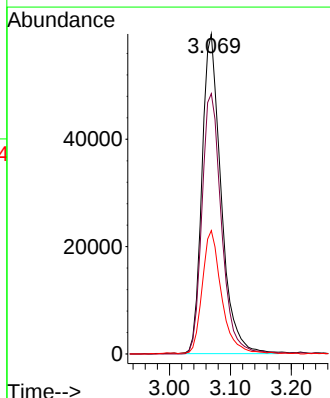
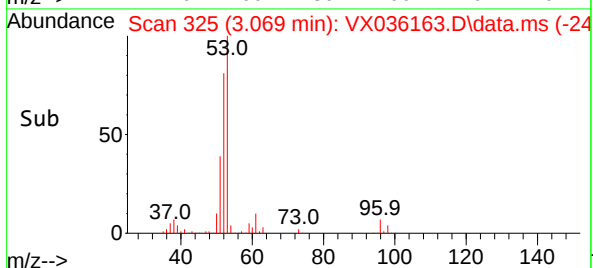
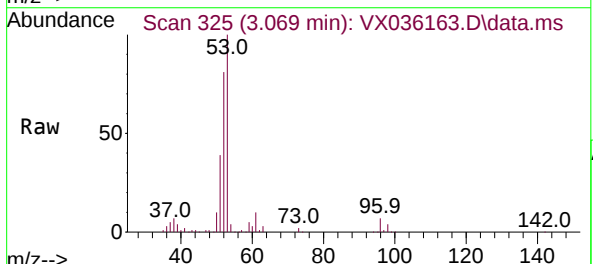
Manual Integrations
APPROVED

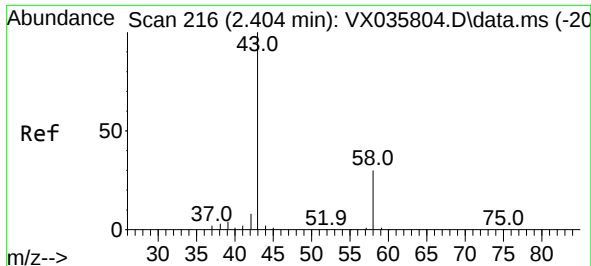
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#14
Acrylonitrile
Concen: 110.390 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion: 53 Resp: 130339
Ion Ratio Lower Upper
53 100
52 82.7 41.3 123.7
51 38.9 17.9 53.7





#15

Acetone

Concen: 97.187 ug/l

RT: 2.392 min Scan# 216

Delta R.T. -0.012 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 3432

Ion Ratio Lower Upper

58 100

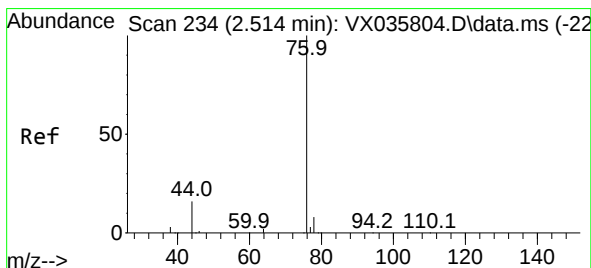
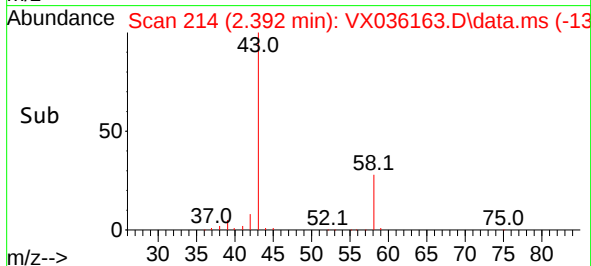
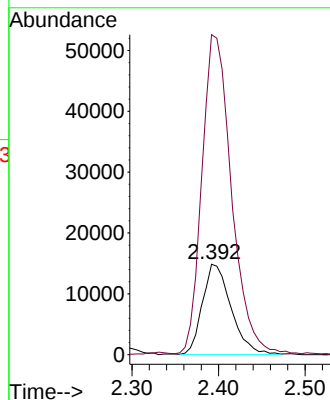
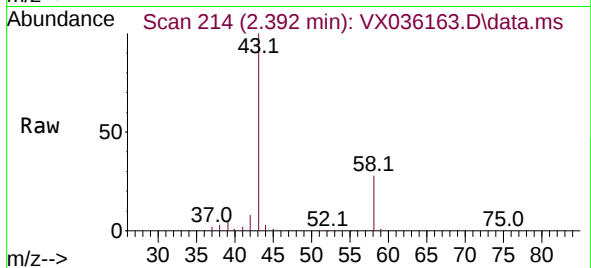
43 353.3 270.8 406.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#16

Carbon Disulfide

Concen: 19.481 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX036163.D

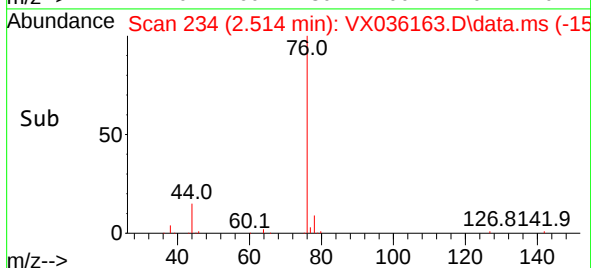
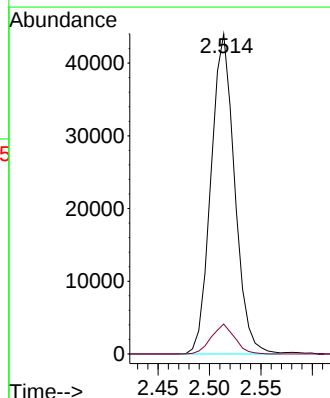
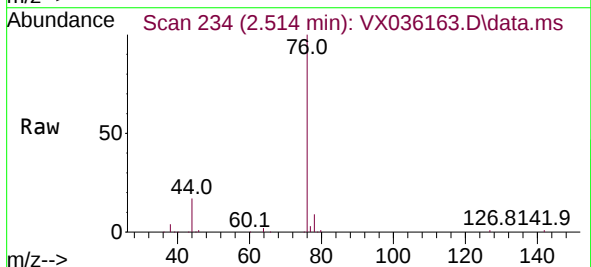
Acq: 15 Jun 2023 10:59

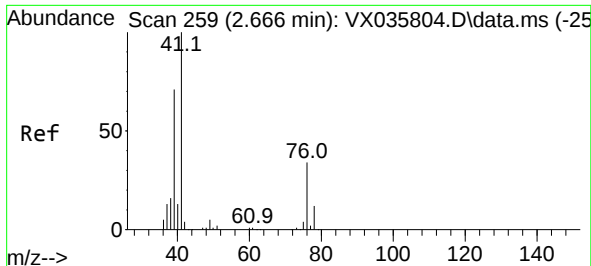
Tgt Ion: 76 Resp: 70471

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6





#17

Allyl chloride

Concen: 21.208 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

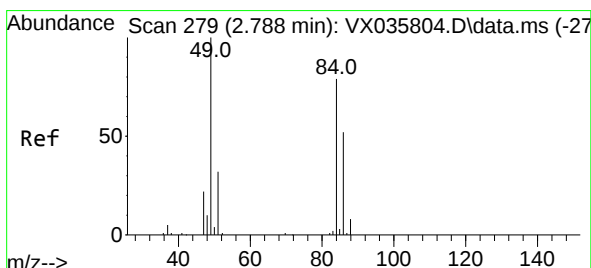
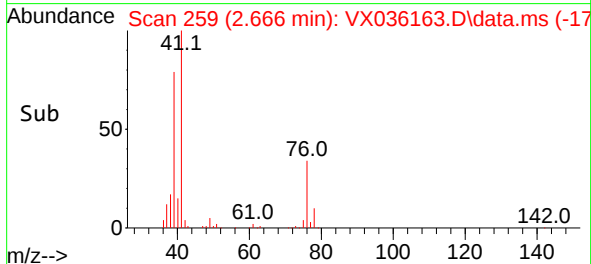
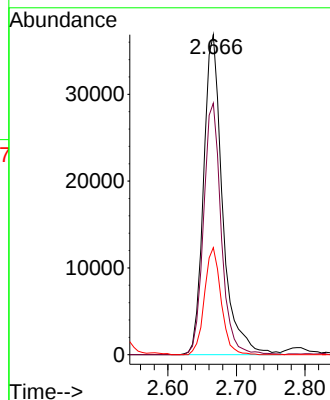
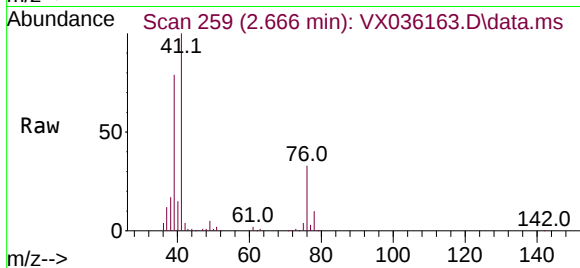
Tgt Ion:	41	Resp:	7131
Ion	Ratio	Lower	Upper
41	100		
39	78.6	36.4	109.3
76	33.4	17.0	51.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#18

Methylene Chloride

Concen: 20.489 ug/l

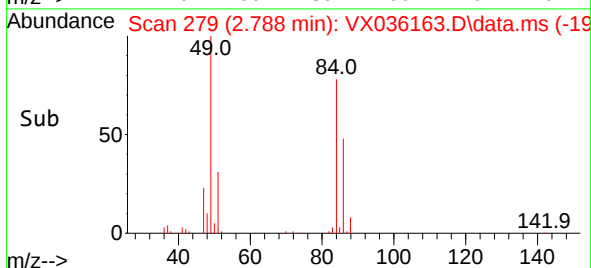
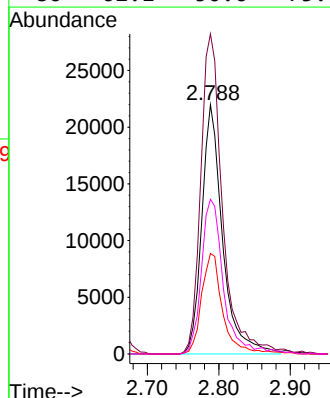
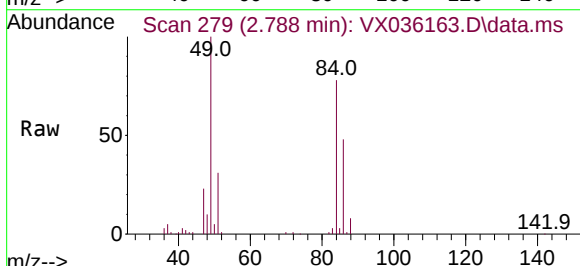
RT: 2.788 min Scan# 279

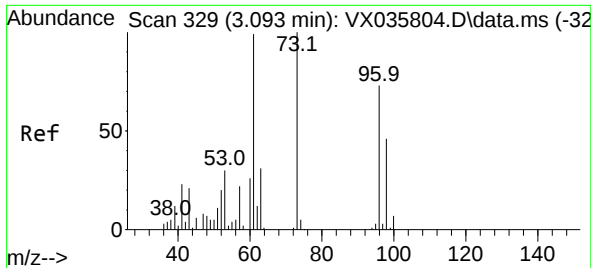
Delta R.T. 0.000 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

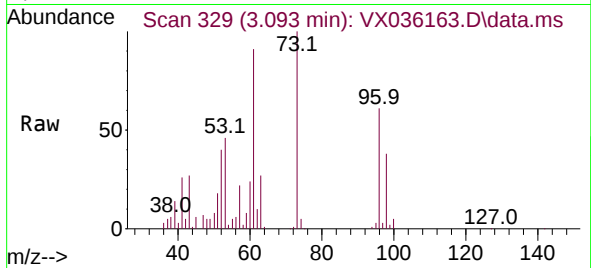
Tgt Ion:	84	Resp:	44476
Ion	Ratio	Lower	Upper
84	100		
49	128.4	103.9	155.9
51	40.3	30.6	45.8
86	62.1	50.6	75.8





#19
trans-1,2-Dichloroethene
Concen: 20.523 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

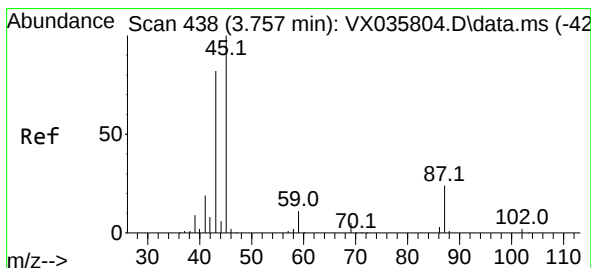
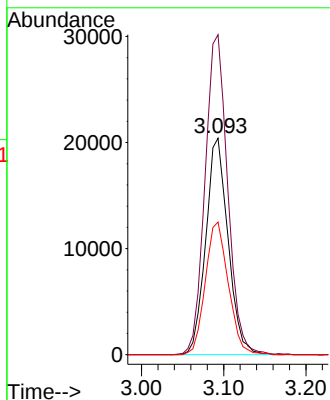
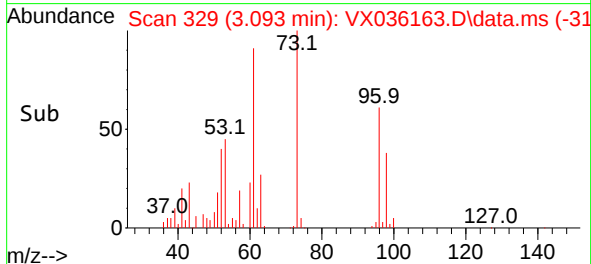
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



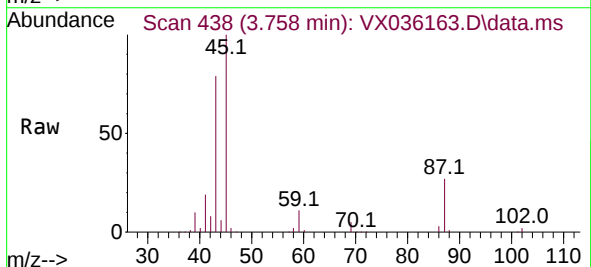
Tgt Ion: 96 Resp: 38564
Ion Ratio Lower Upper
96 100
61 147.5 111.1 166.7
98 61.3 48.6 72.8

Manual Integrations
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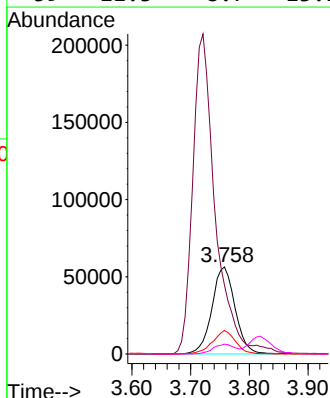
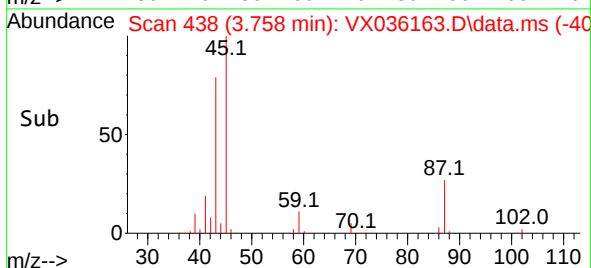
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

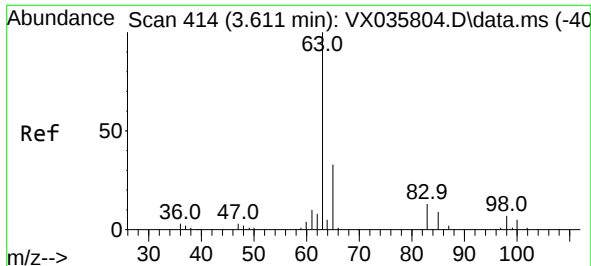


#20
Diisopropyl ether
Concen: 21.255 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59



Tgt Ion: 45 Resp: 154305
Ion Ratio Lower Upper
45 100
43 76.7 66.0 99.0
87 27.1 21.8 32.6
59 11.3 8.7 13.1





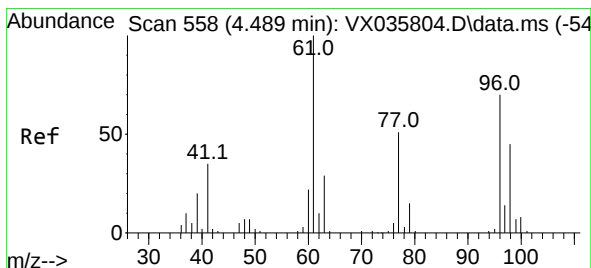
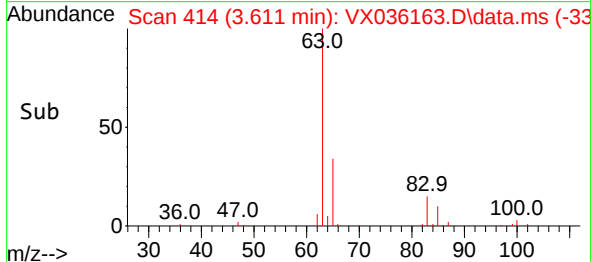
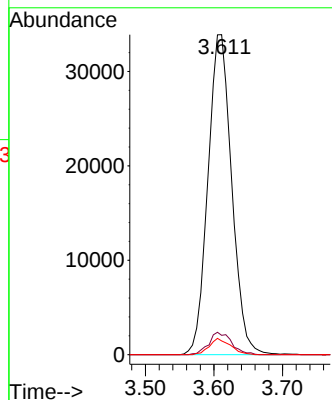
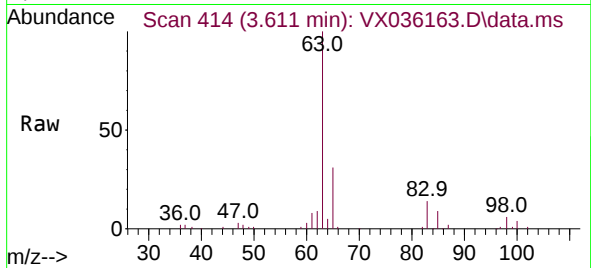
#21
1,1-Dichloroethane
Concen: 21.489 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 8176
Ion Ratio Lower Upper
63 100
98 6.0 3.5 10.6
100 4.3 2.2 6.6

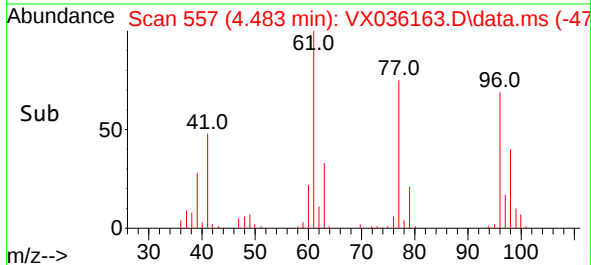
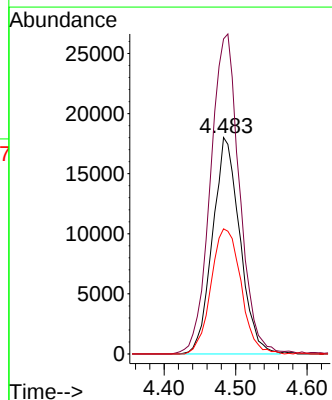
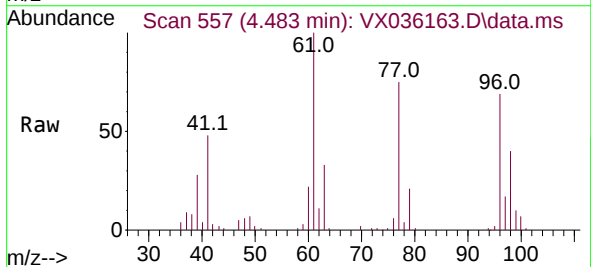
Manual Integrations
APPROVED

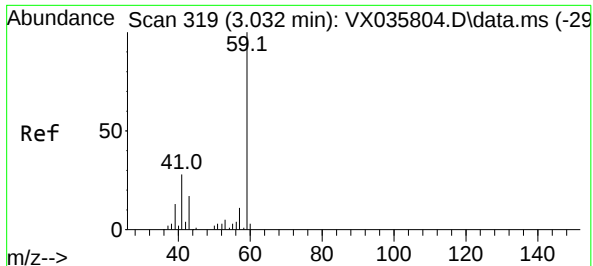
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#22
cis-1,2-Dichloroethene
Concen: 20.525 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion: 96 Resp: 47722
Ion Ratio Lower Upper
96 100
61 157.4 121.7 182.5
98 63.4 52.2 78.2





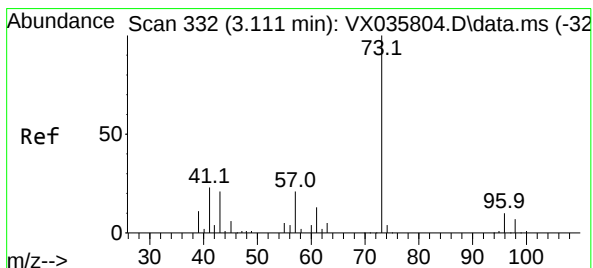
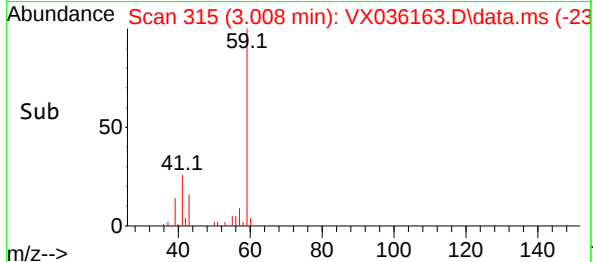
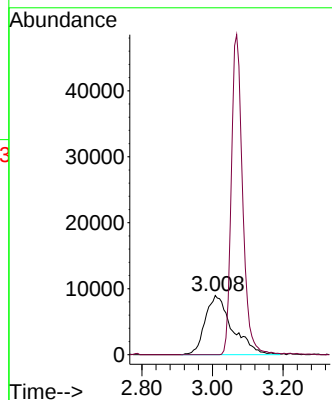
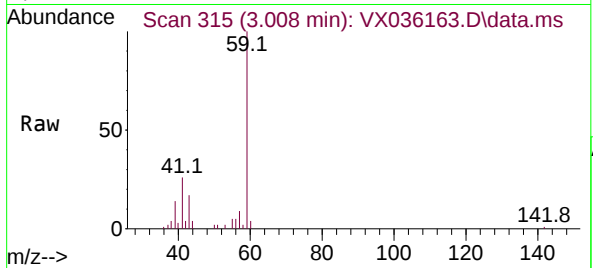
#23
tert-Butyl Alcohol
Concen: 111.401 ug/l m
RT: 3.008 min Scan# 319
Delta R.T. -0.024 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 4801
Ion Ratio Lower Upper
59 100
52 224.4 0.2 0.4

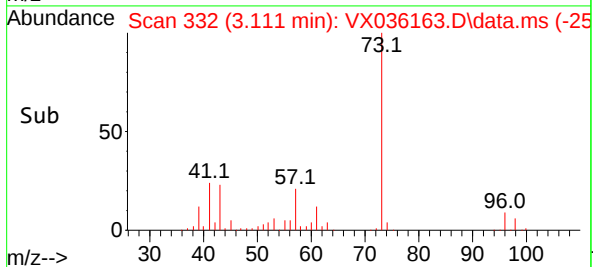
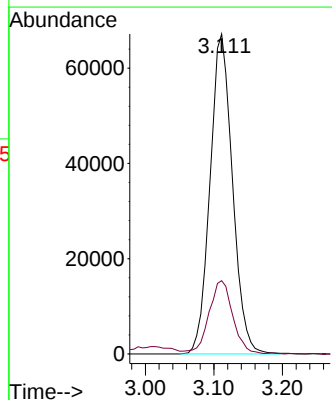
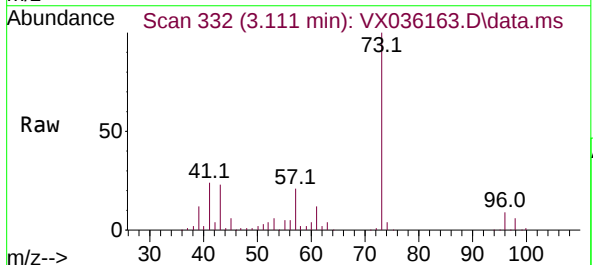
Manual Integrations
APPROVED

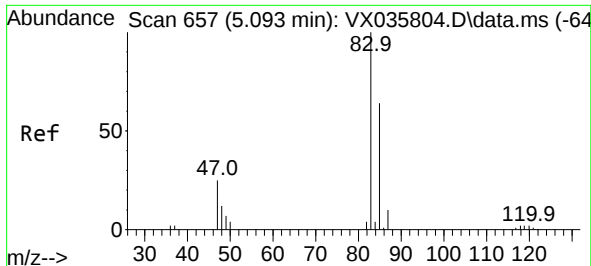
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#24
Methyl tert-Butyl Ether
Concen: 22.733 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion: 73 Resp: 152722
Ion Ratio Lower Upper
73 100
43 24.1 17.9 26.9





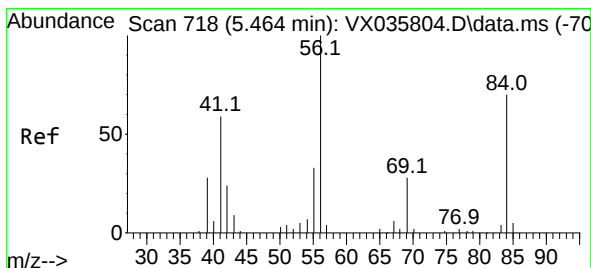
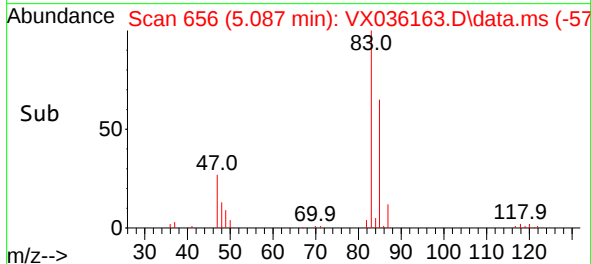
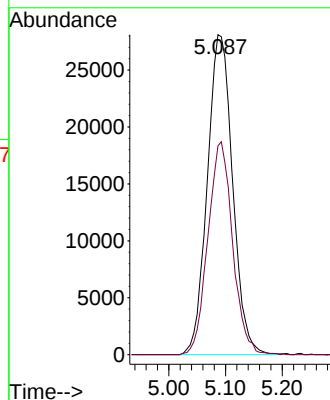
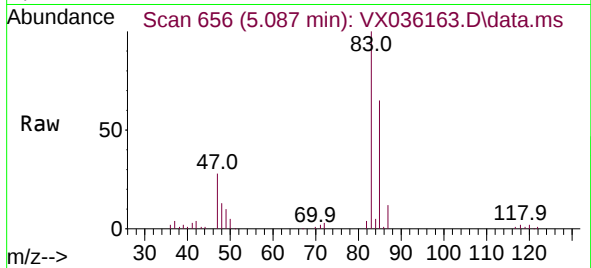
#25
Chloroform
Concen: 22.337 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 8721
Ion Ratio Lower Upper
83 100
85 65.3 51.2 76.8

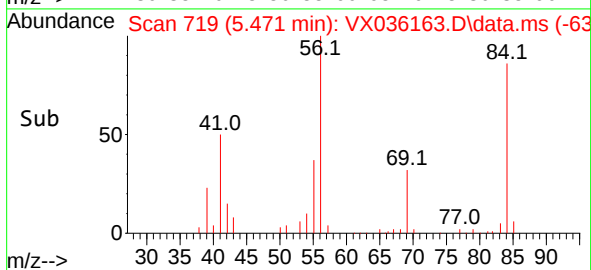
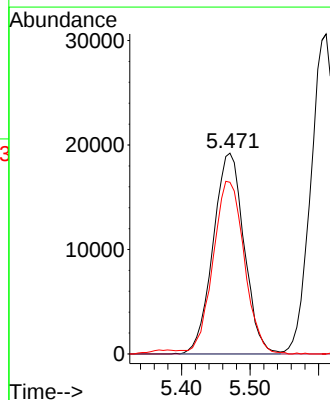
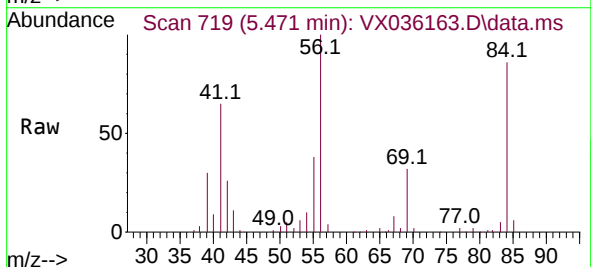
Manual Integrations
APPROVED

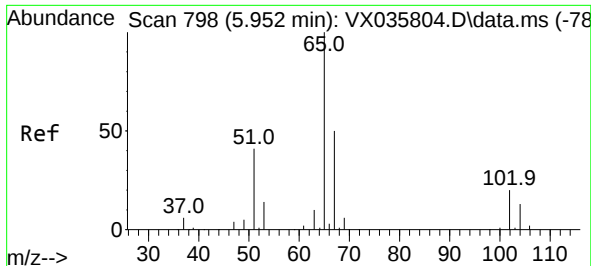
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#26
Cyclohexane
Concen: 21.009 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion: 56 Resp: 60460
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.6 67.4 101.2





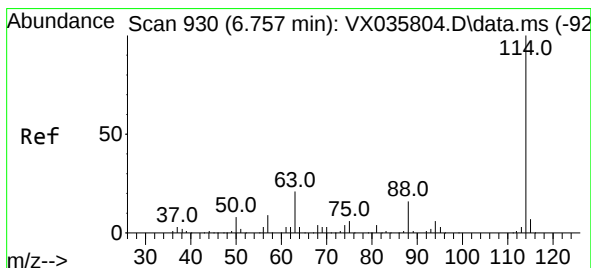
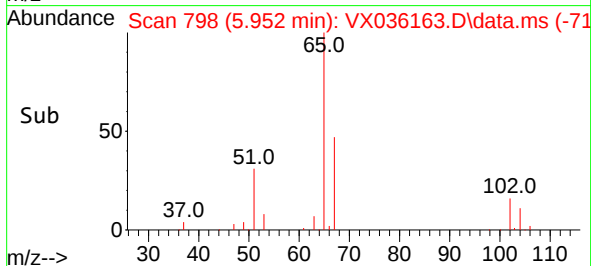
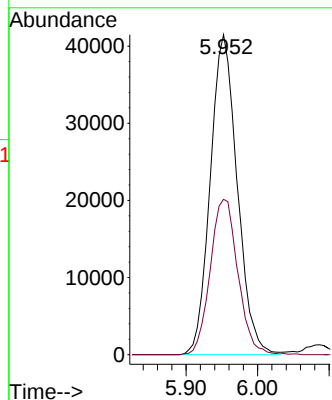
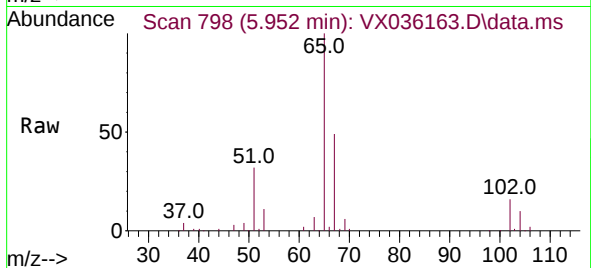
#27
1,2-Dichloroethane-d4
Concen: 39.294 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 108564
Ion Ratio Lower Upper
65 100
67 49.7 40.9 61.3

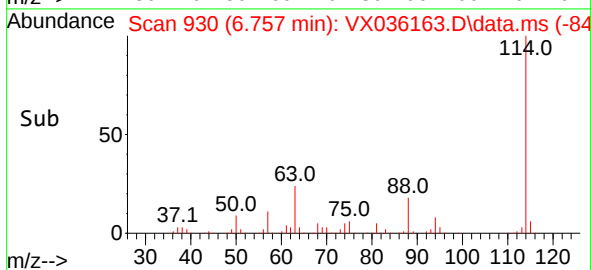
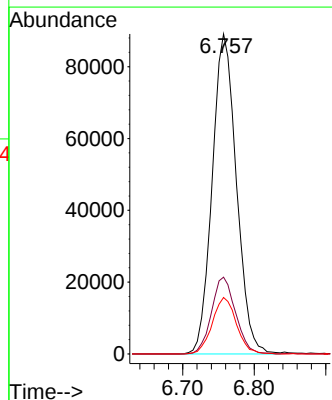
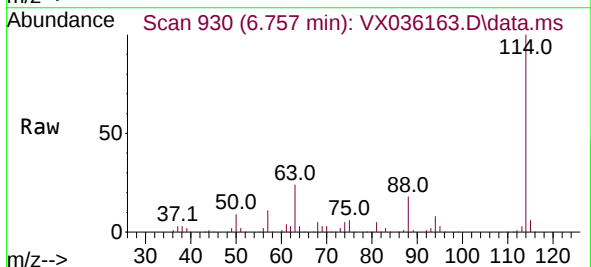
Manual Integrations
APPROVED

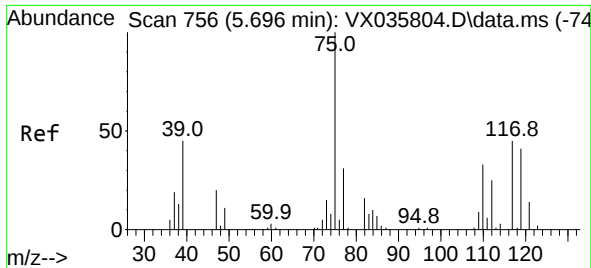
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion:114 Resp: 209720
Ion Ratio Lower Upper
114 100
63 23.8 18.0 27.0
88 17.6 13.3 19.9





#29

1,1-Dichloropropene

Concen: 19.337 ug/l

RT: 5.690 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

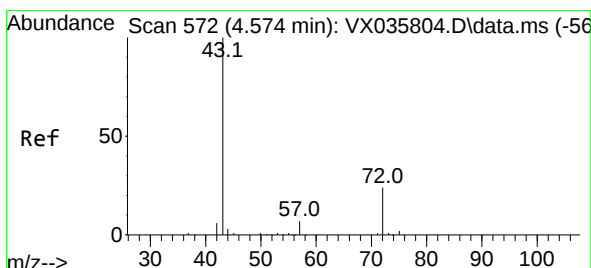
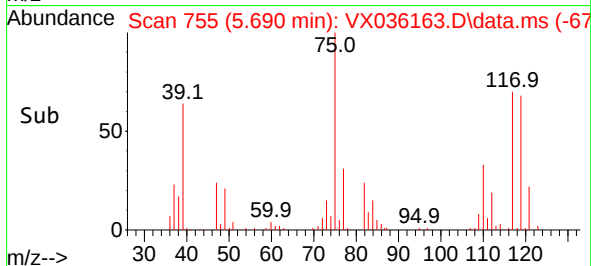
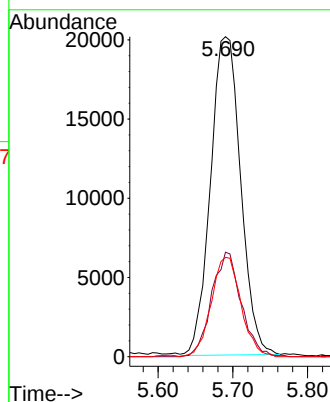
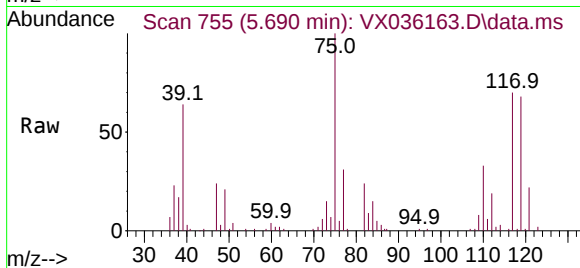
Tgt Ion: 75	Resp: 5647
Ion Ratio	Lower Upper
75 100	
110 32.0	0.0 71.4
77 30.7	0.0 61.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#30

2-Butanone

Concen: 98.952 ug/l

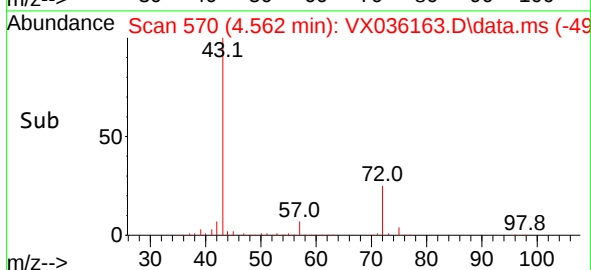
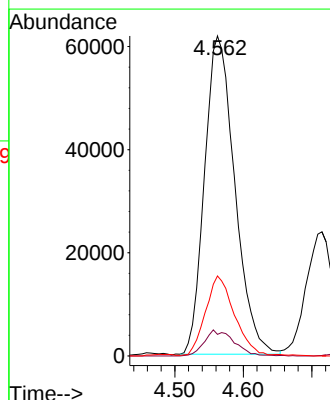
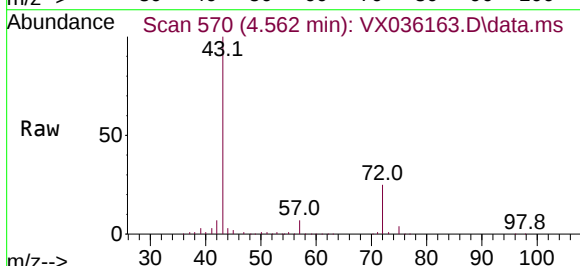
RT: 4.562 min Scan# 570

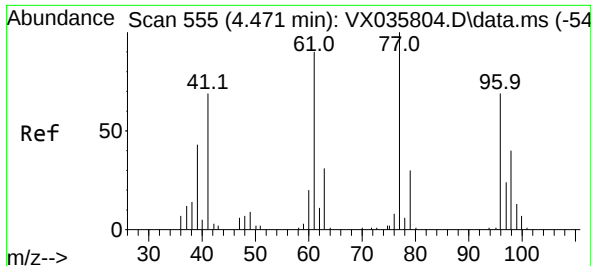
Delta R.T. -0.012 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

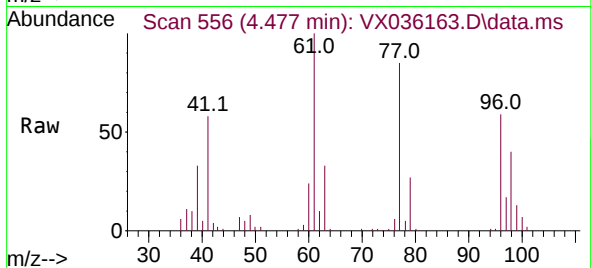
Tgt Ion: 43	Resp: 189171
Ion Ratio	Lower Upper
43 100	
57 3.8	6.3 9.5
72 24.0	19.6 29.4





#31
2,2-Dichloropropane
Concen: 20.358 ug/l
RT: 4.477 min Scan# 555
Delta R.T. 0.006 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

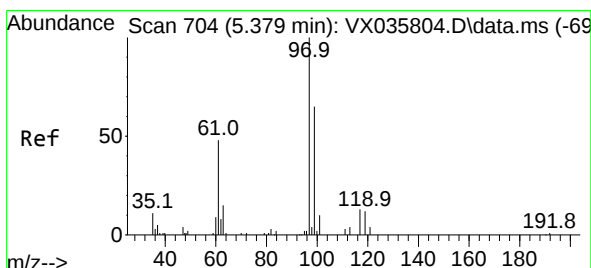
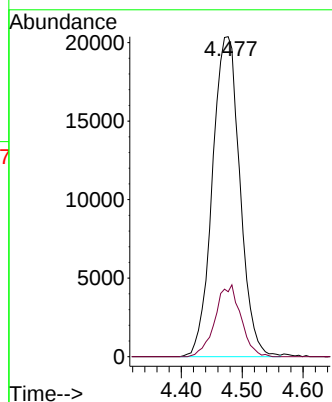
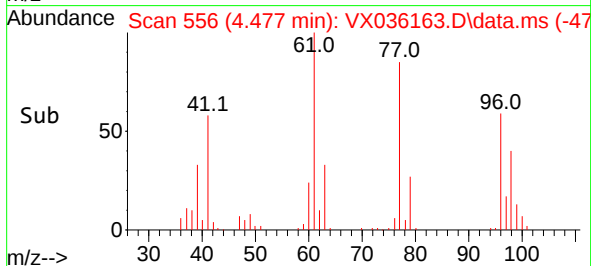
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



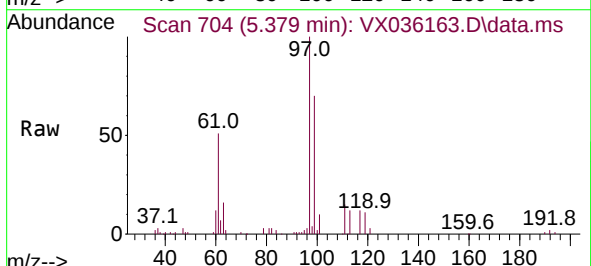
Tgt Ion: 77 Resp: 63874
Ion Ratio Lower Upper
77 100
97 11.8 18.2 27.4

Manual Integrations
APPROVED

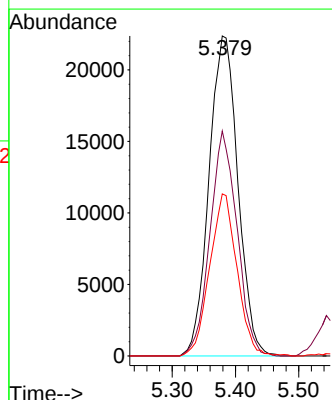
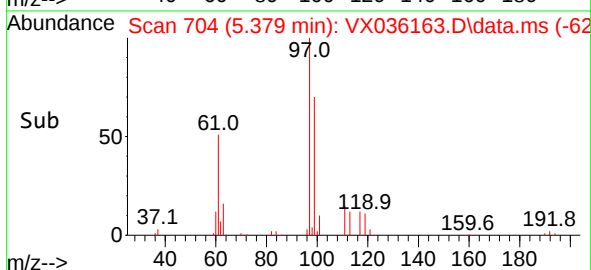
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

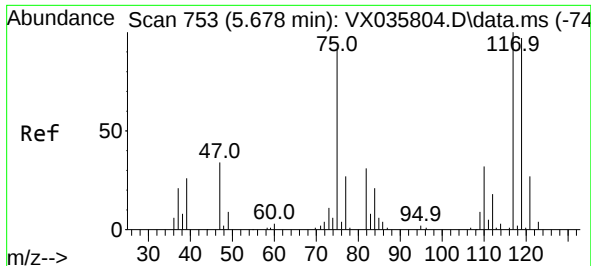


#32
1,1,1-Trichloroethane
Concen: 20.826 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59



Tgt Ion: 97 Resp: 71026
Ion Ratio Lower Upper
97 100
99 65.9 51.3 76.9
61 47.7 36.6 55.0





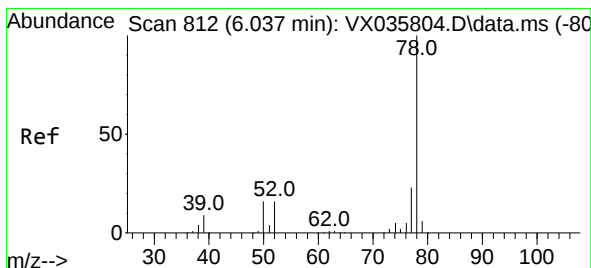
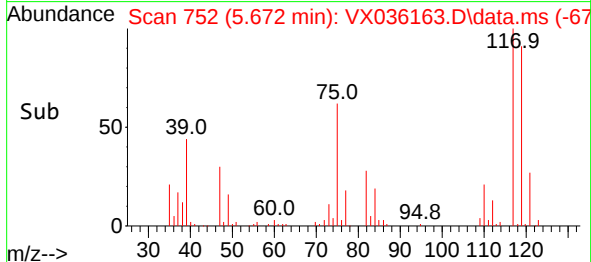
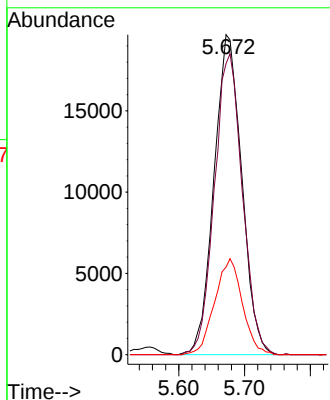
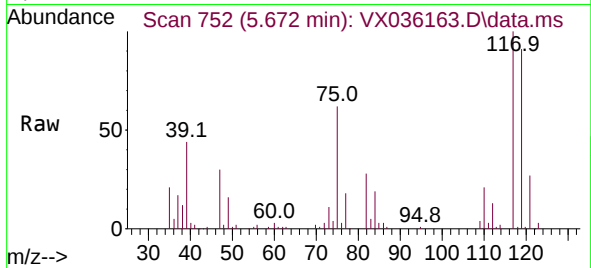
#33
Carbon Tetrachloride
Concen: 21.415 ug/l
RT: 5.672 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 5767
Ion Ratio Lower Upper
117 100
119 90.9 73.3 109.9
121 27.3 24.0 36.0

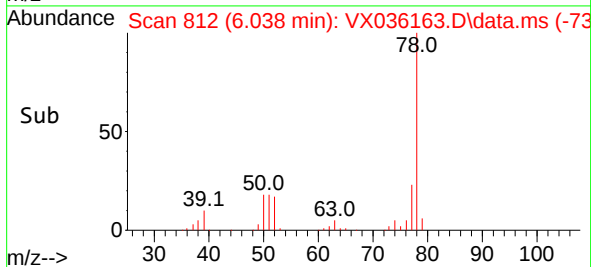
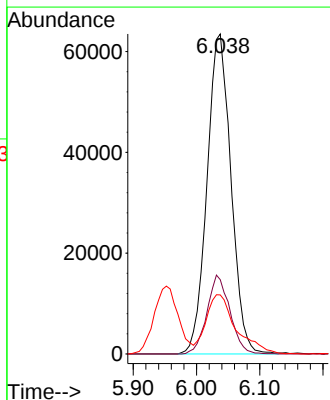
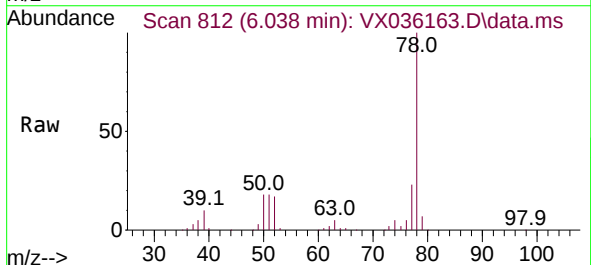
Manual Integrations
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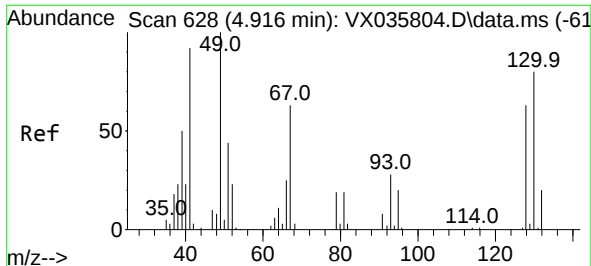
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#34
Benzene
Concen: 18.153 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

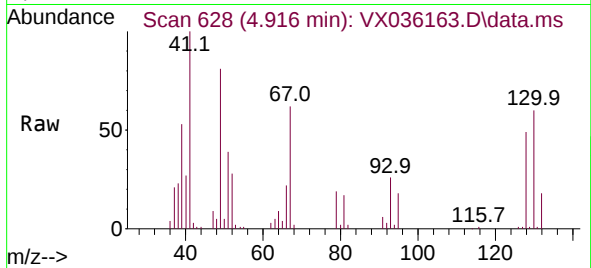
Tgt Ion: 78 Resp: 167242
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4
51 18.1 14.6 21.8





#35
Methacrylonitrile
Concen: 20.514 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

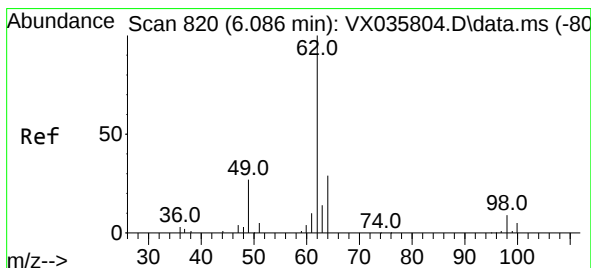
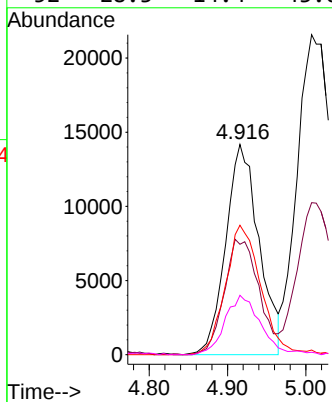
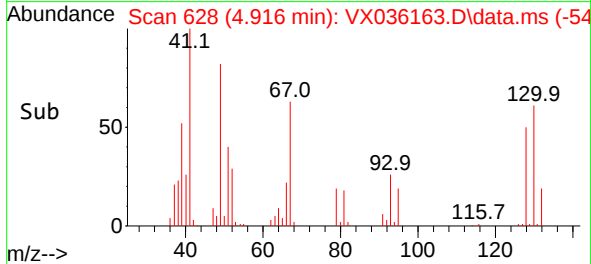
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 41 Resp: 4184
Ion Ratio Lower Upper
41 100
39 52.2 28.0 84.0
67 61.6 31.6 94.7
52 28.3 14.4 43.0

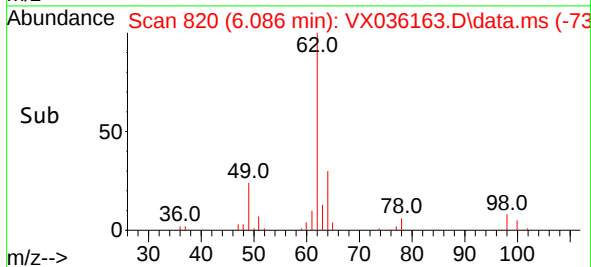
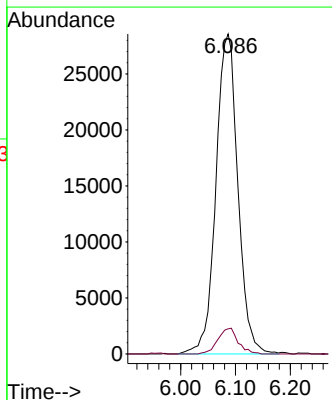
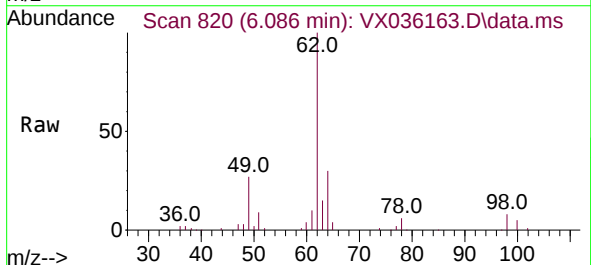
Manual Integrations
APPROVED

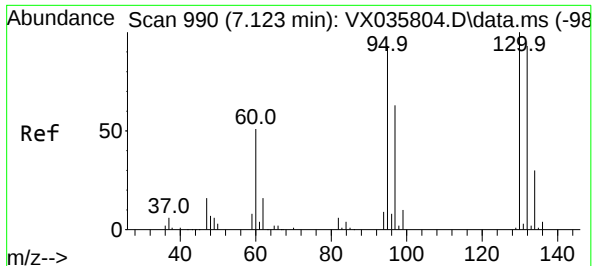
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#36
1,2-Dichloroethane
Concen: 22.187 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion: 62 Resp: 79552
Ion Ratio Lower Upper
62 100
98 7.4 7.0 10.6





#37

Trichloroethene

Concen: 18.084 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 41879

Ion Ratio Lower Upper

130 100

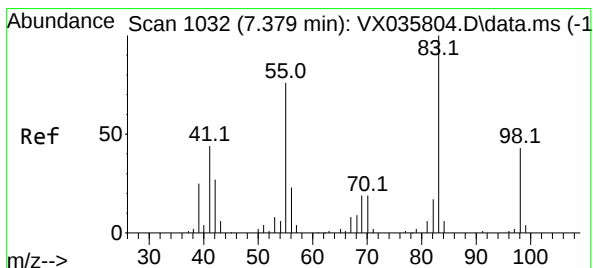
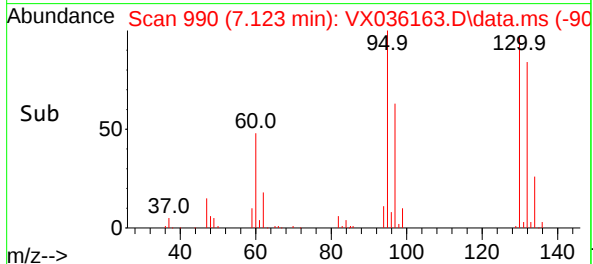
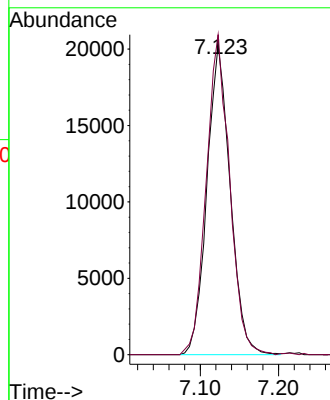
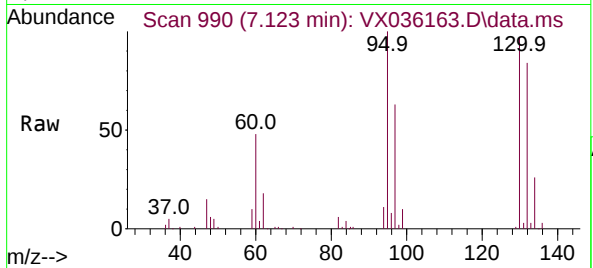
95 103.2 77.8 116.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#38

Methylcyclohexane

Concen: 19.749 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

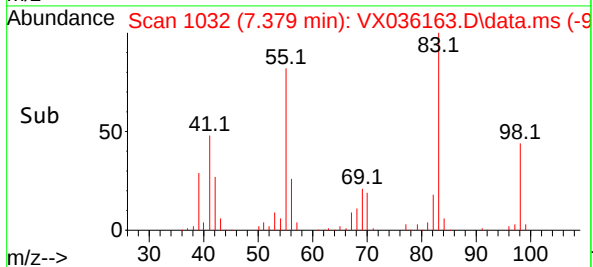
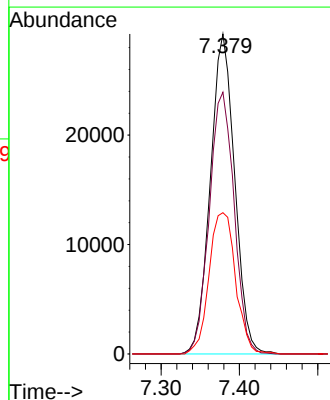
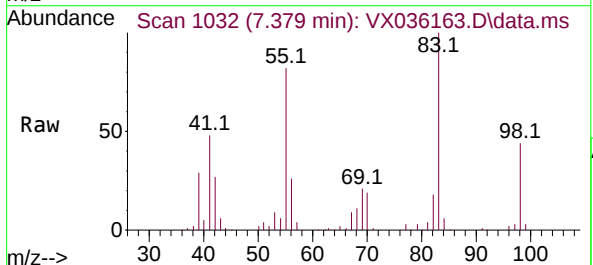
Tgt Ion: 83 Resp: 63251

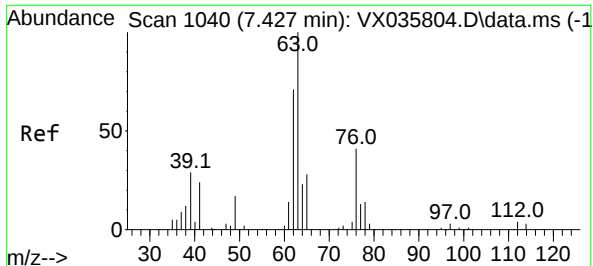
Ion Ratio Lower Upper

83 100

55 83.3 38.8 116.4

98 48.2 23.8 71.2





#39

1,2-Dichloropropane

Concen: 18.704 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 46384

Ion Ratio Lower Upper

63 100

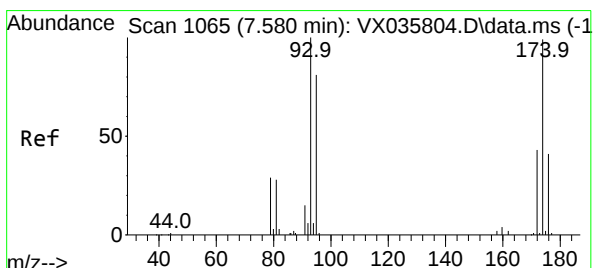
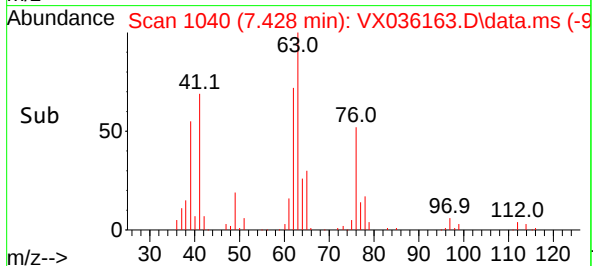
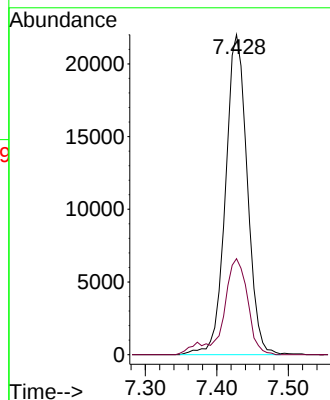
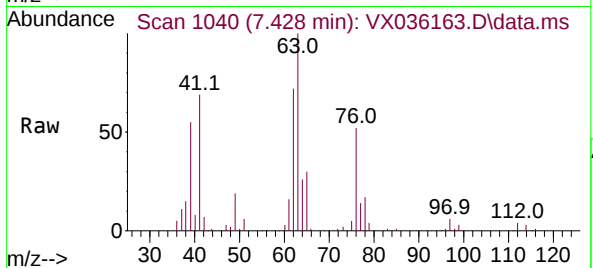
65 30.0 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#40

Dibromomethane

Concen: 19.823 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

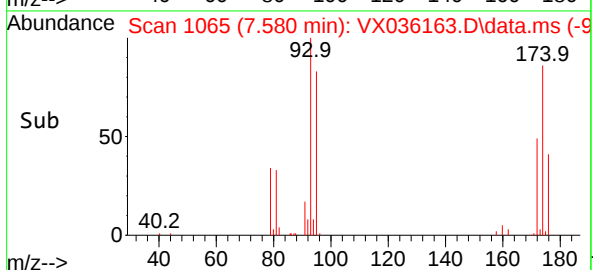
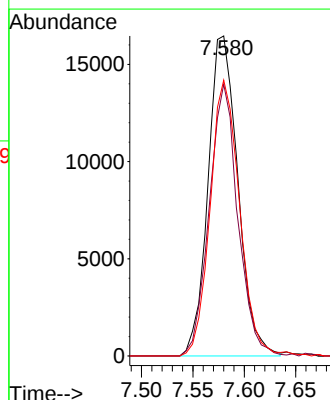
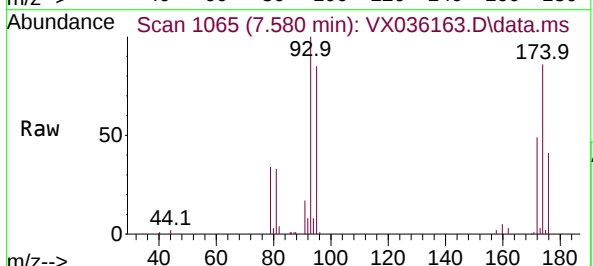
Tgt Ion: 93 Resp: 33248

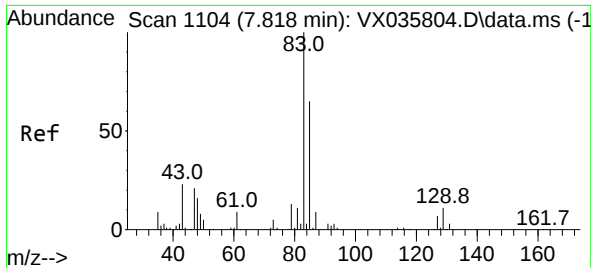
Ion Ratio Lower Upper

93 100

95 81.4 0.0 165.8

174 84.6 0.0 188.8





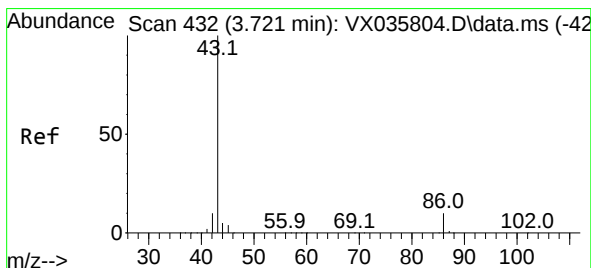
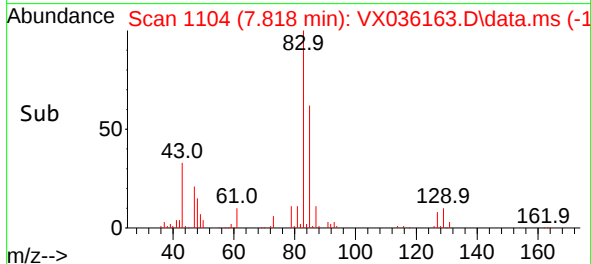
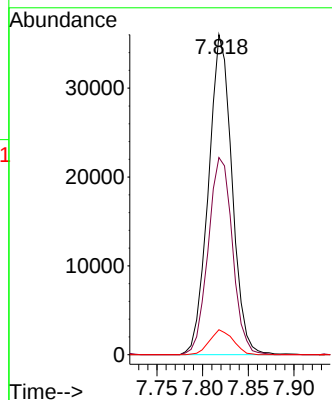
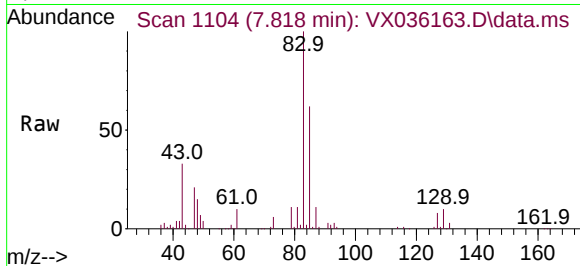
#41
Bromodichloromethane
Concen: 21.286 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 64540
Ion Ratio Lower Upper
83 100
85 61.6 51.1 76.7
127 7.8 8.2 12.4

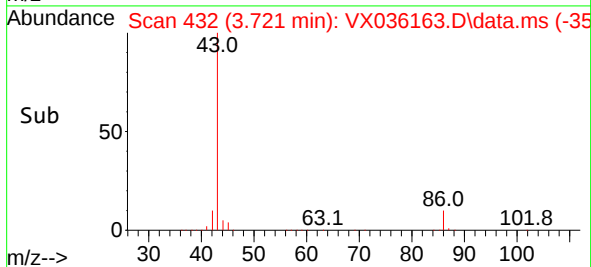
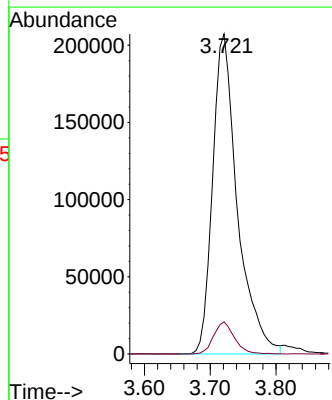
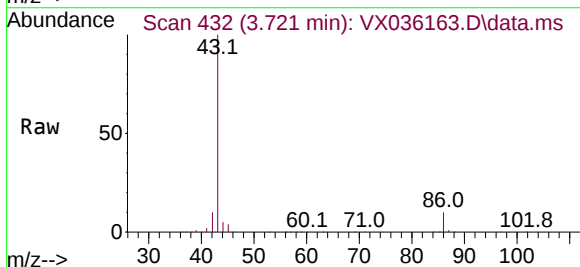
Manual Integrations
APPROVED

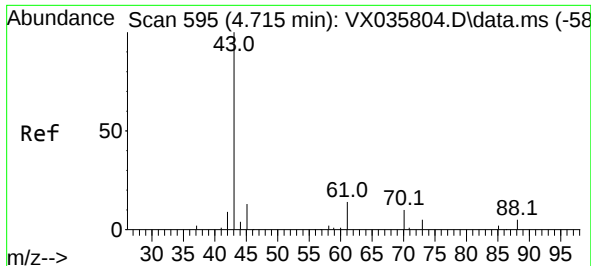
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#42
Vinyl Acetate
Concen: 96.842 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion: 43 Resp: 543815
Ion Ratio Lower Upper
43 100
86 8.4 6.9 10.3





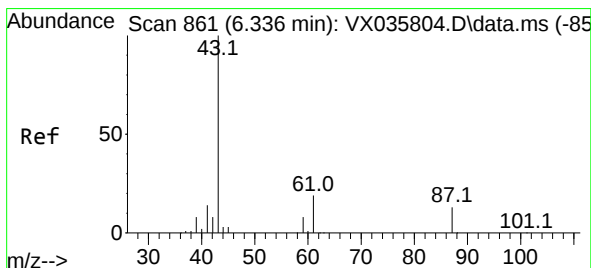
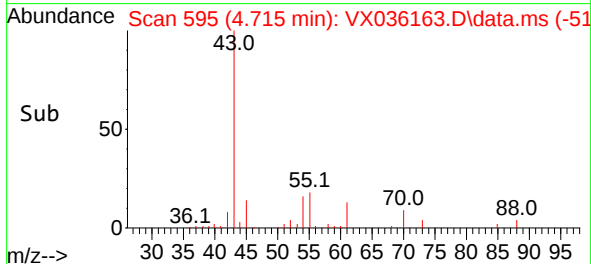
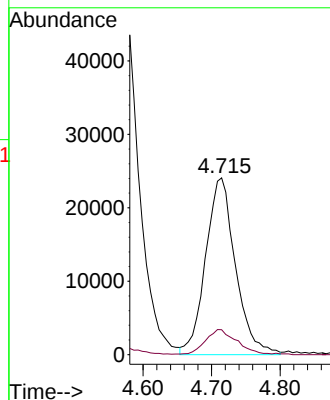
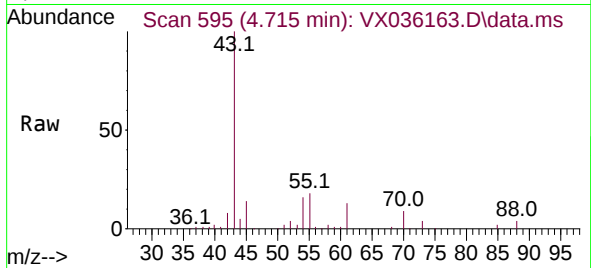
#43
Ethyl Acetate
Concen: 20.033 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 73038
Ion Ratio Lower Upper
43 100
45 14.9 12.0 18.0

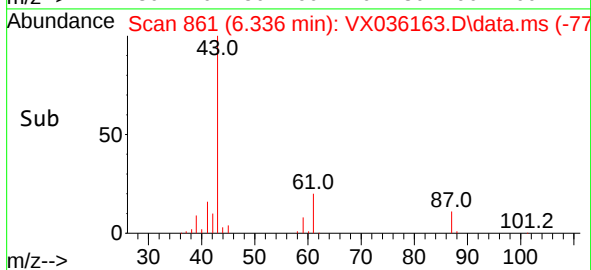
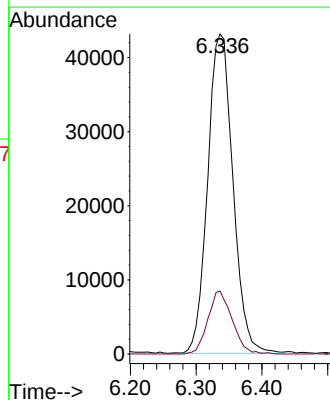
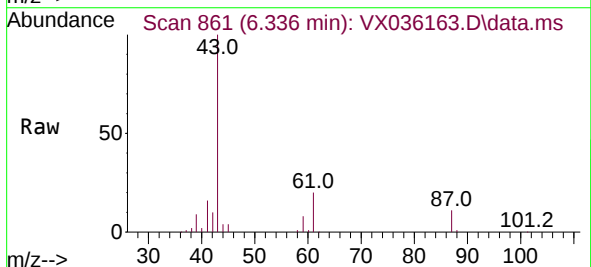
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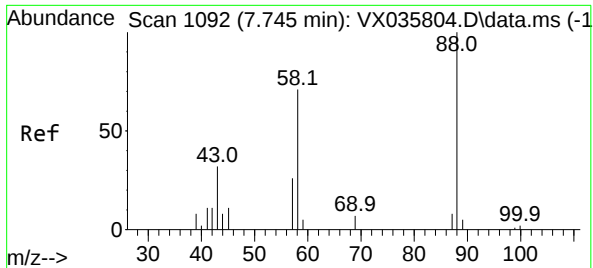
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#44
Isopropyl Acetate
Concen: 19.419 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion: 43 Resp: 115406
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0





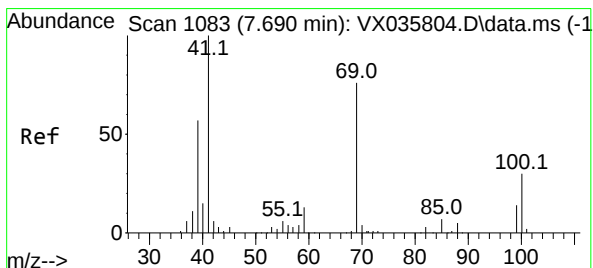
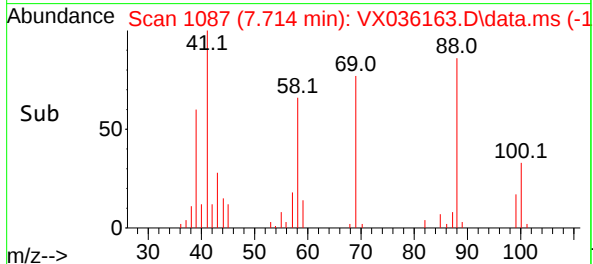
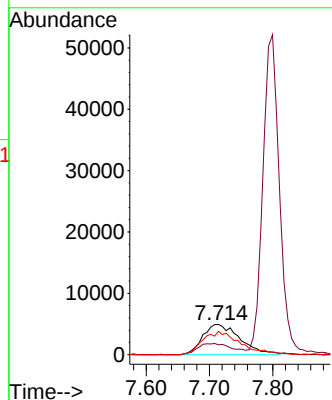
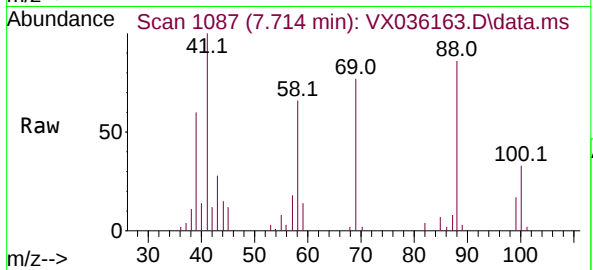
#45
1,4-Dioxane
Concen: 358.336 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. -0.030 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 88 Resp: 2022
Ion Ratio Lower Upper
88 100
43 0.0 26.5 39.7
58 34.3 55.6 83.4

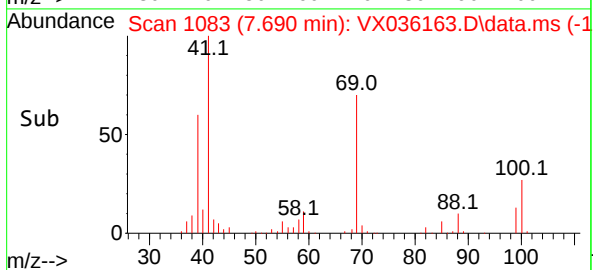
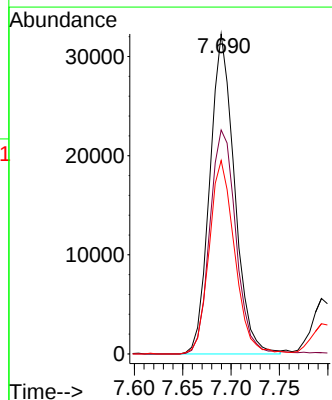
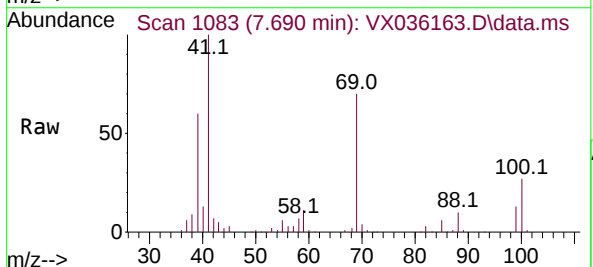
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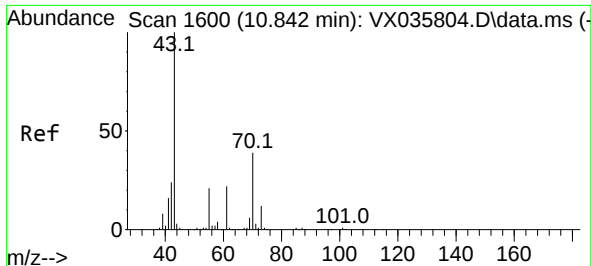
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#46
Methyl methacrylate
Concen: 19.940 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion: 41 Resp: 57257
Ion Ratio Lower Upper
41 100
69 70.0 38.1 114.5
39 60.5 31.4 94.3





#47

n-amyl acetate

Concen: 19.276 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 96220

Ion Ratio Lower Upper

43 100

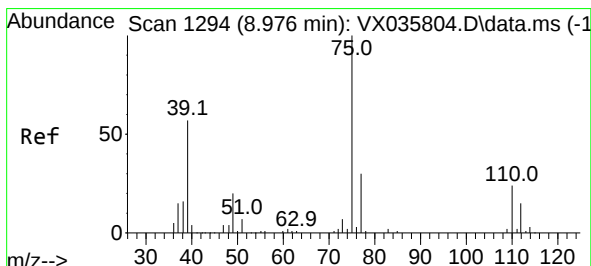
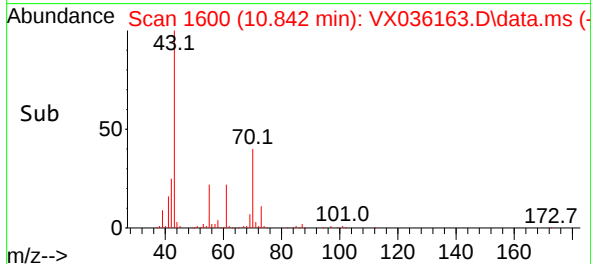
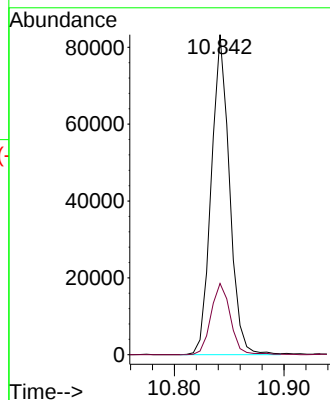
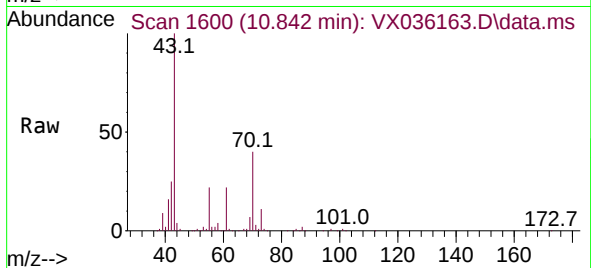
55 23.4 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#48

t-1,3-dichloropropene

Concen: 19.774 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX036163.D

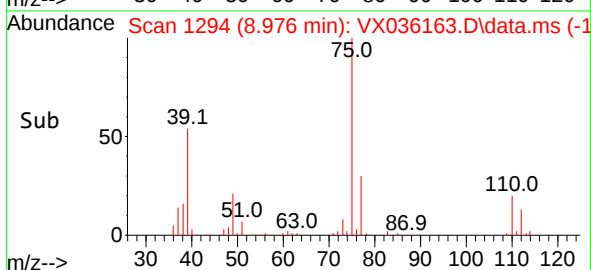
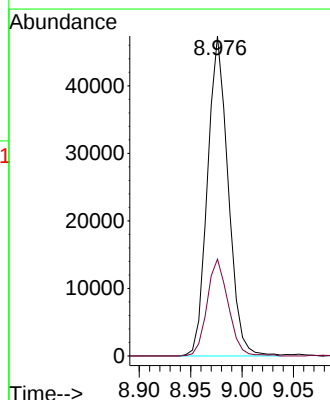
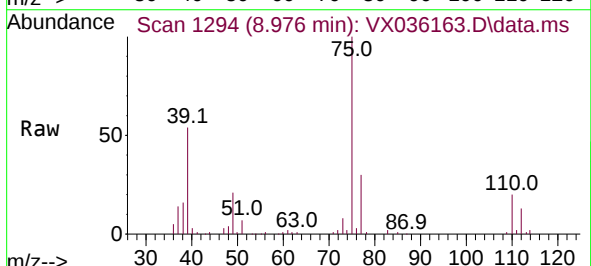
Acq: 15 Jun 2023 10:59

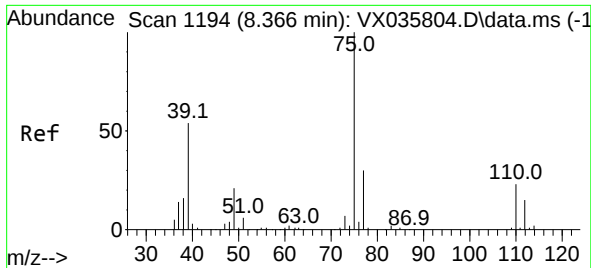
Tgt Ion: 75 Resp: 66329

Ion Ratio Lower Upper

75 100

77 30.2 25.5 38.3





#49

cis-1,3-Dichloropropene

Concen: 19.741 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 73078

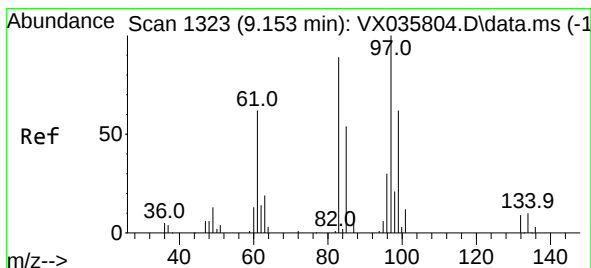
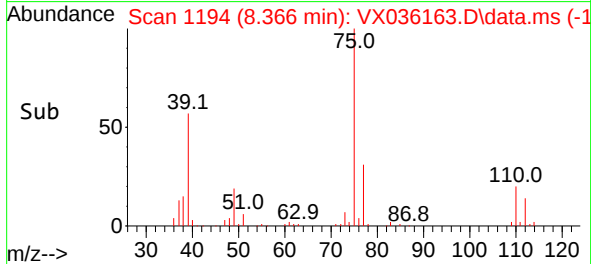
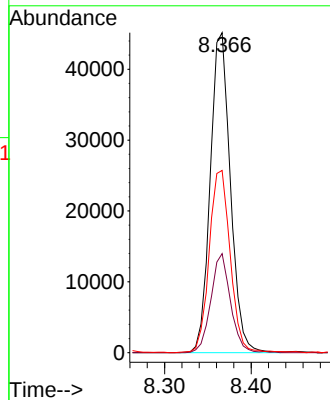
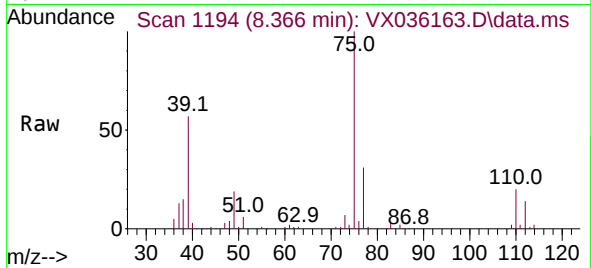
Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.6	37.0
39	56.8	44.2	66.2

Manual Integrations

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Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#50

1,1,2-Trichloroethane

Concen: 19.323 ug/l

RT: 9.147 min Scan# 1322

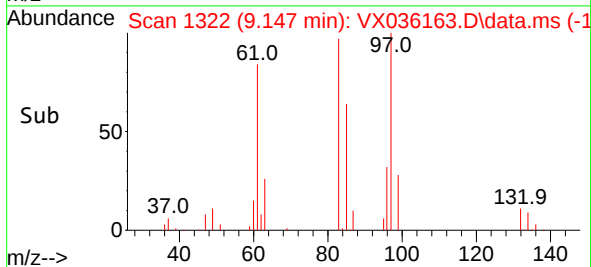
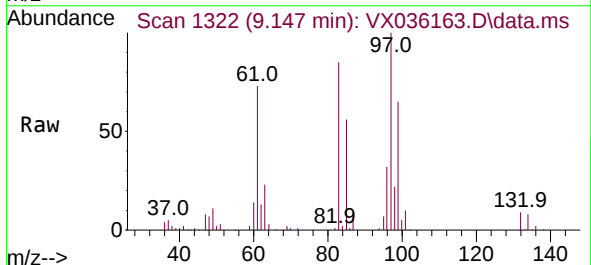
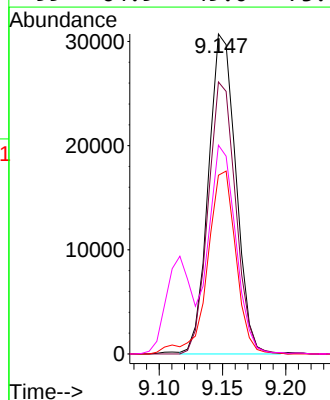
Delta R.T. -0.006 min

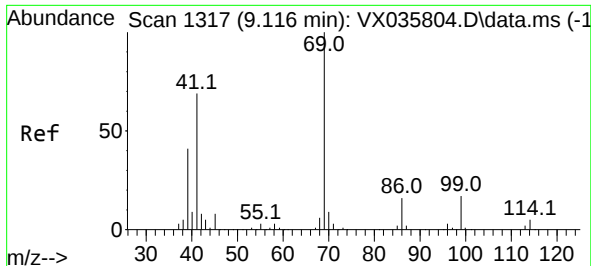
Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

Tgt Ion: 97 Resp: 46366

Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.9	103.3
85	55.7	44.0	66.0
99	64.9	49.0	73.4





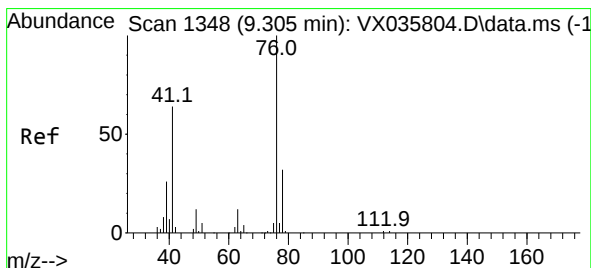
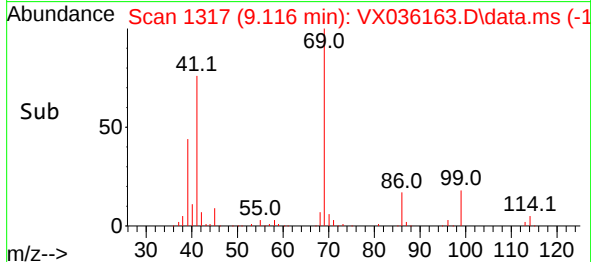
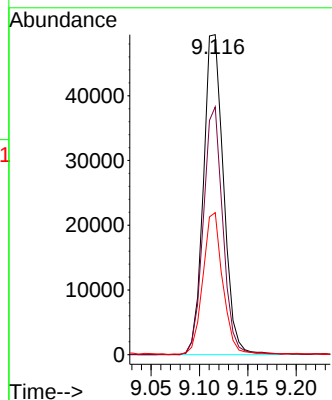
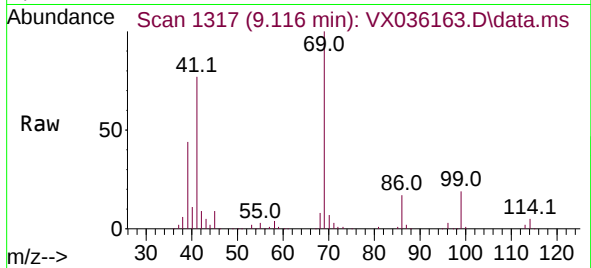
#51
Ethyl methacrylate
Concen: 19.446 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 71928
Ion Ratio Lower Upper
69 100
41 77.5 36.2 108.6
39 44.2 21.2 63.6

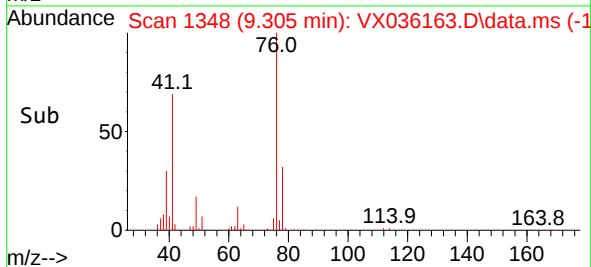
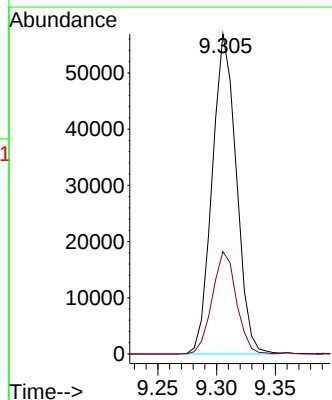
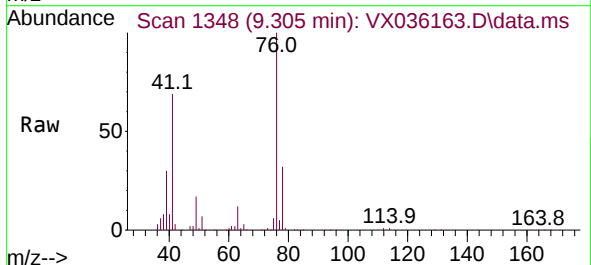
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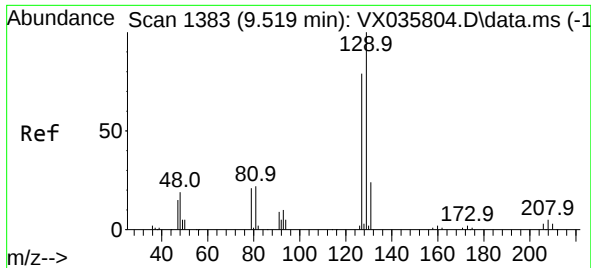
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#52
1,3-Dichloropropane
Concen: 19.479 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion: 76 Resp: 81455
Ion Ratio Lower Upper
76 100
78 31.9 0.0 63.8





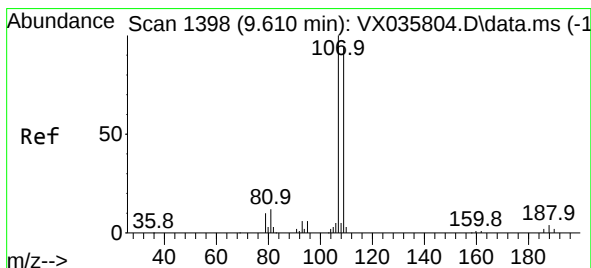
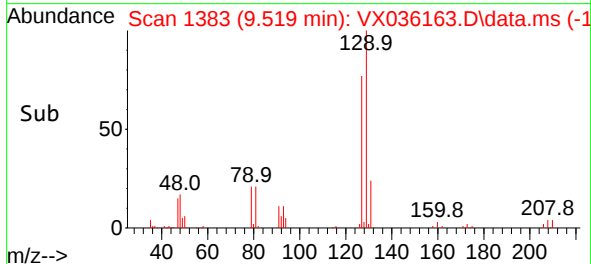
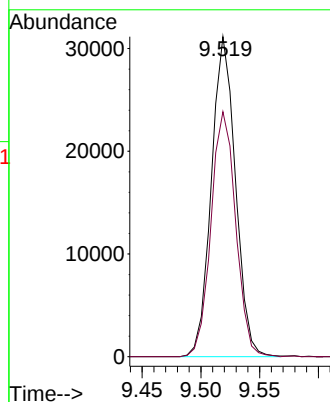
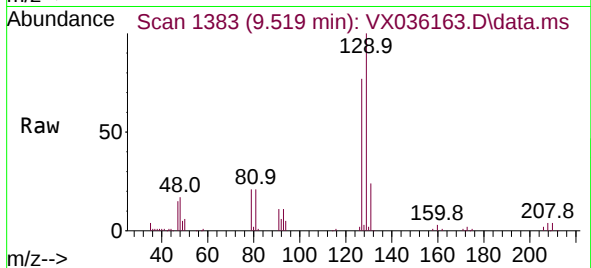
#53
Dibromochloromethane
Concen: 20.214 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 4448
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5

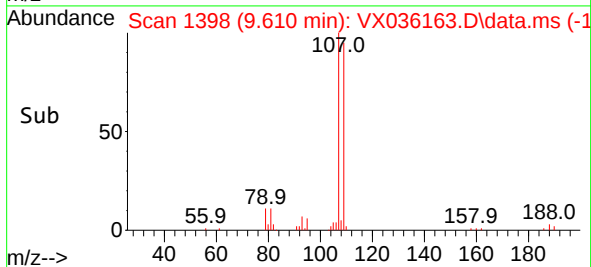
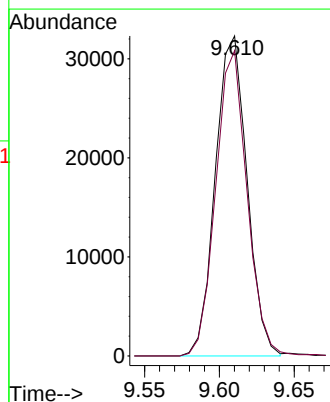
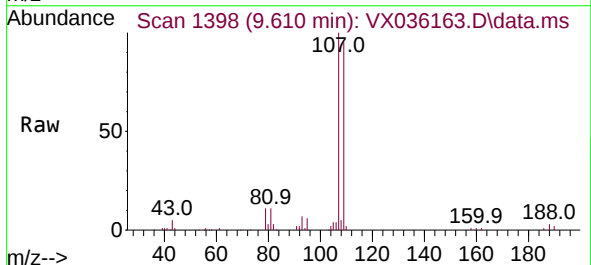
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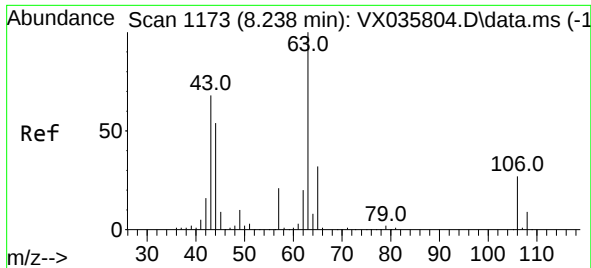
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#54
1,2-Dibromoethane
Concen: 19.094 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion:107 Resp: 47601
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.2





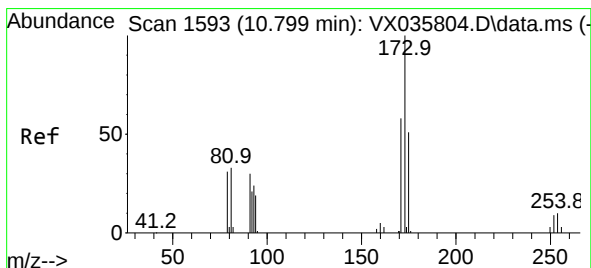
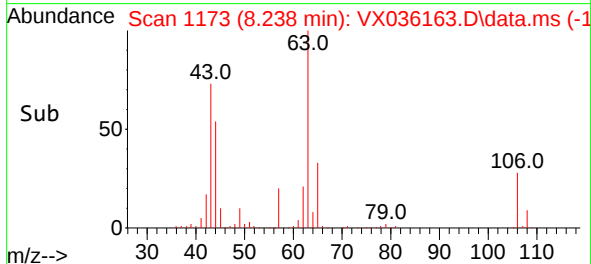
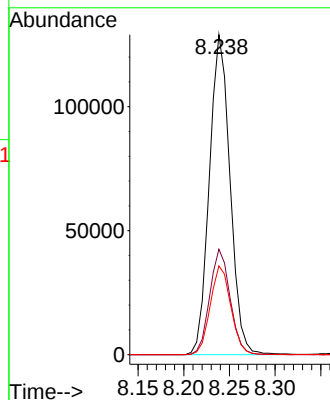
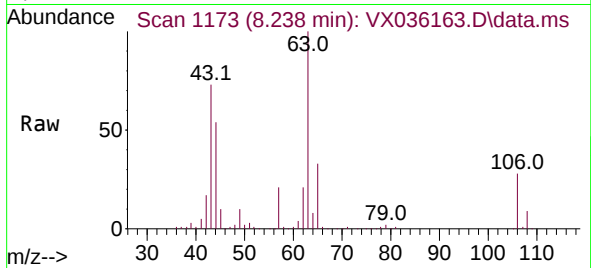
#55
2-Chloroethyl vinyl ether
Concen: 103.329 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 202830
Ion Ratio Lower Upper
63 100
65 32.5 25.4 38.2
106 27.7 21.6 32.4

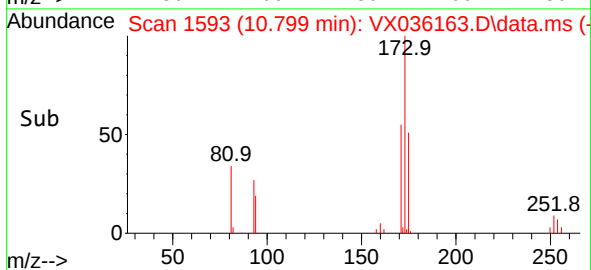
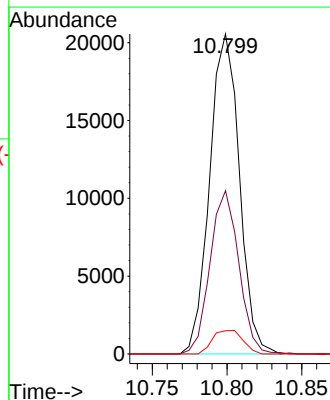
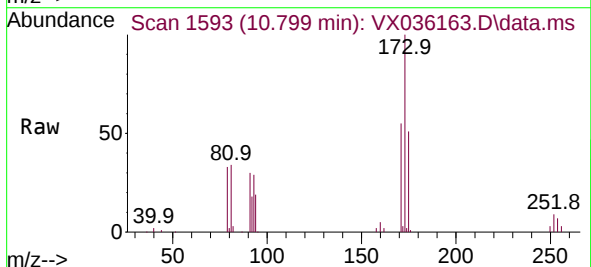
Manual Integrations
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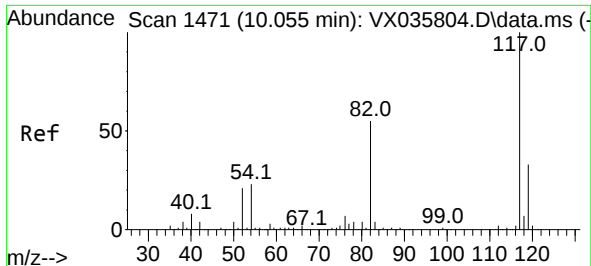
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#56
Bromoform
Concen: 19.925 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion:173 Resp: 28424
Ion Ratio Lower Upper
173 100
175 49.3 37.0 55.4
254 7.5 6.7 10.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 117 Resp: 202780

Ion Ratio Lower Upper

117 100

82 60.1 45.8 68.8

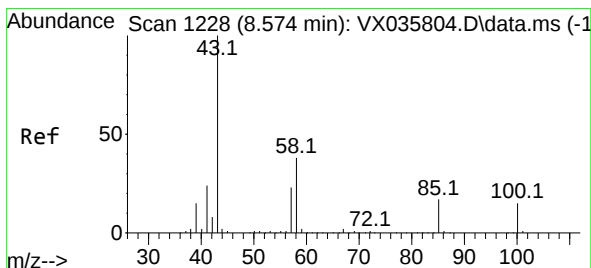
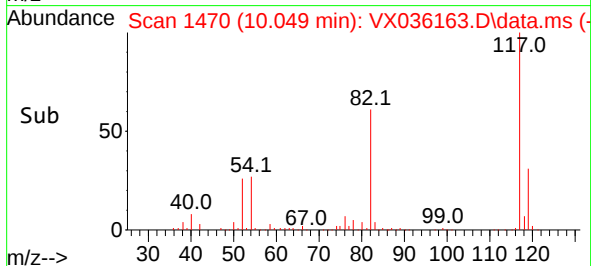
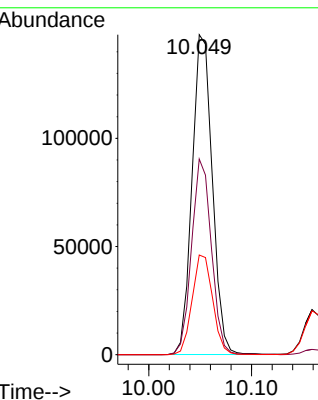
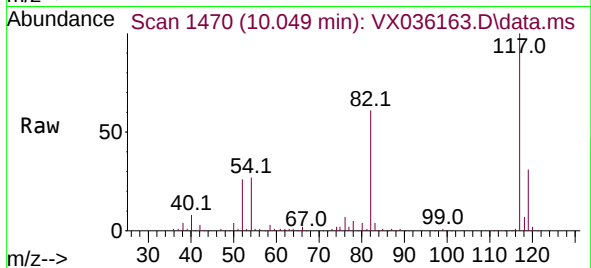
119 31.6 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#58

4-Methyl-2-Pentanone

Concen: 95.458 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

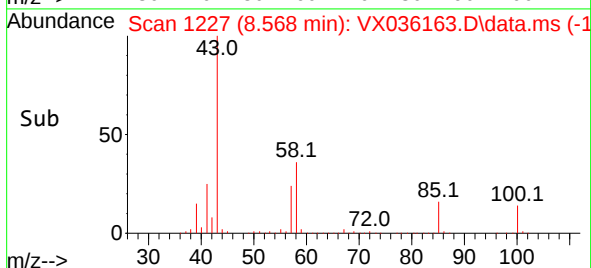
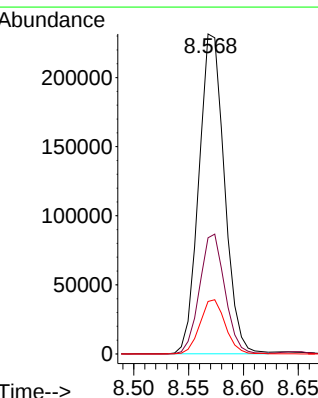
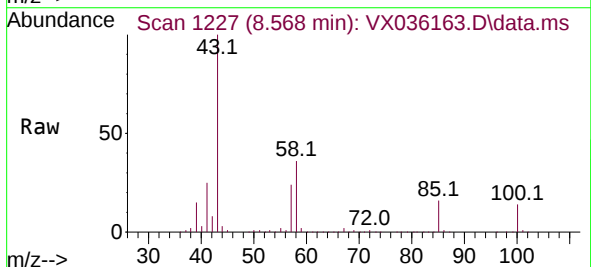
Tgt Ion: 43 Resp: 375983

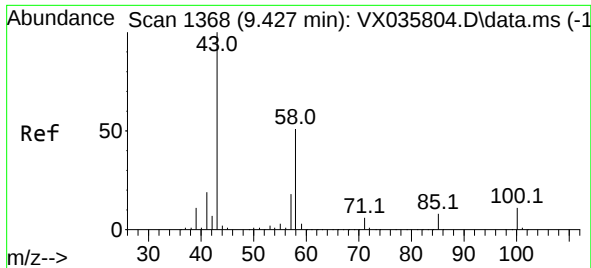
Ion Ratio Lower Upper

43 100

58 37.1 29.9 44.9

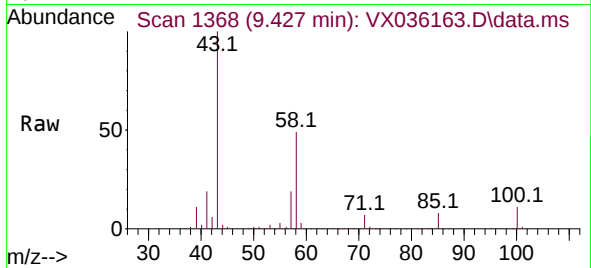
85 16.8 13.2 19.8





#59
2-Hexanone
Concen: 96.101 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

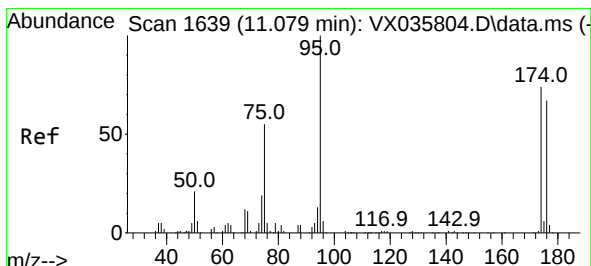
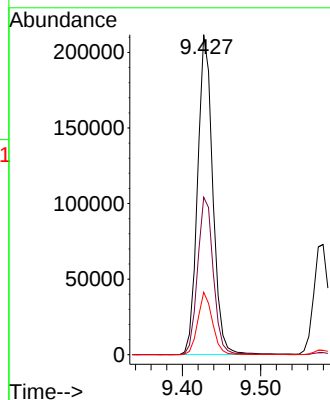
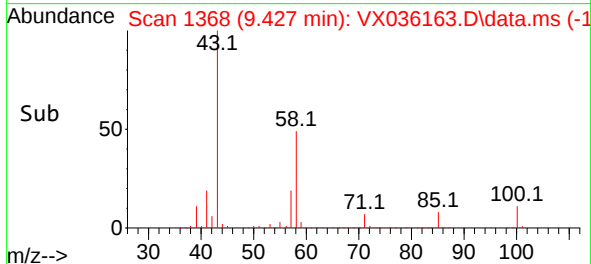
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 284815
Ion Ratio Lower Upper
43 100
58 50.7 41.7 62.5
57 18.9 14.7 22.1

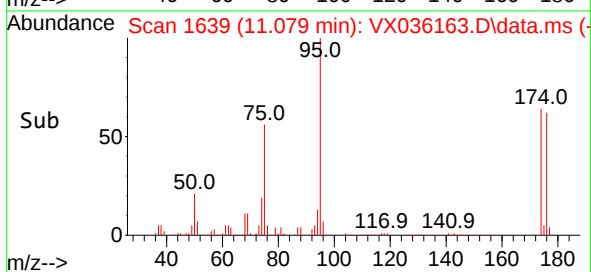
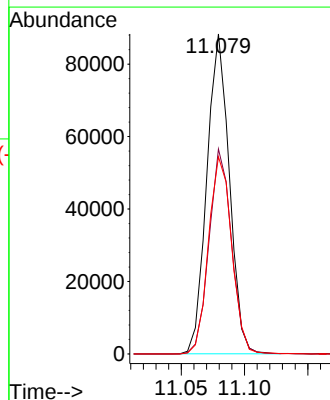
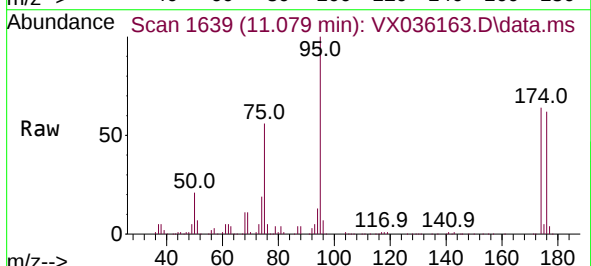
Manual Integrations
APPROVED

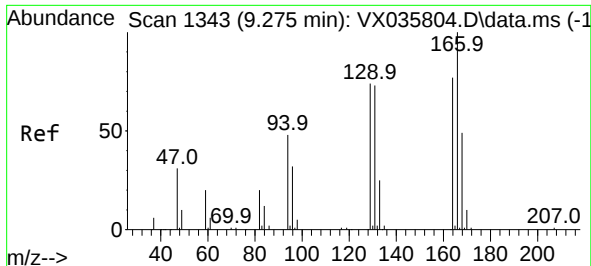
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#60
4-Bromofluorobenzene
Concen: 32.043 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

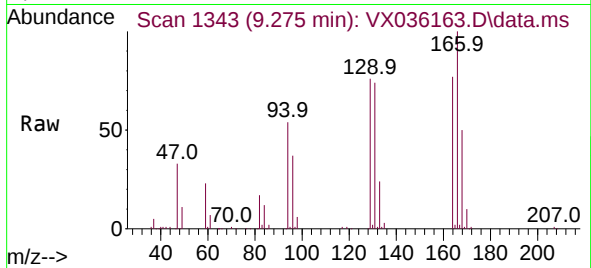
Tgt Ion: 95 Resp: 109030
Ion Ratio Lower Upper
95 100
174 64.0 0.2 0.4#
176 63.7 0.2 0.2#





#61
Tetrachloroethene
Concen: 17.485 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

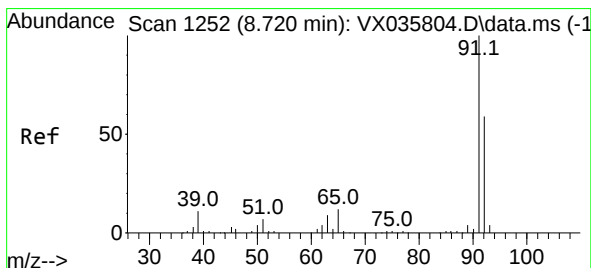
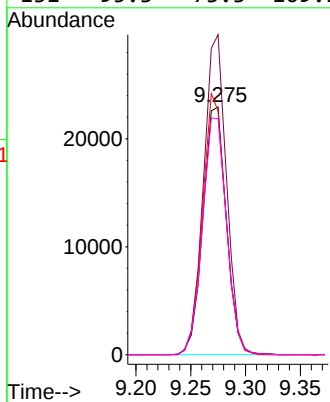
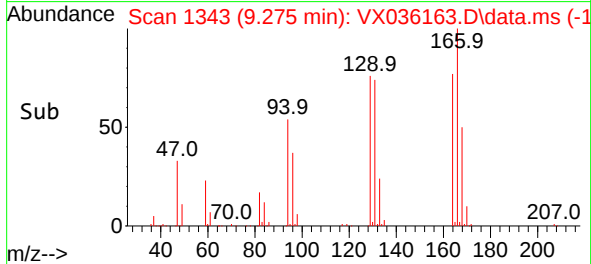
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



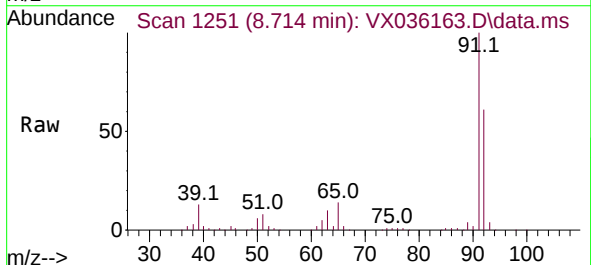
Tgt Ion:164 Resp: 34140
Ion Ratio Lower Upper
164 100
166 129.2 100.1 150.1
129 98.4 79.1 118.7
131 95.3 73.3 109.9

Manual Integrations
APPROVED

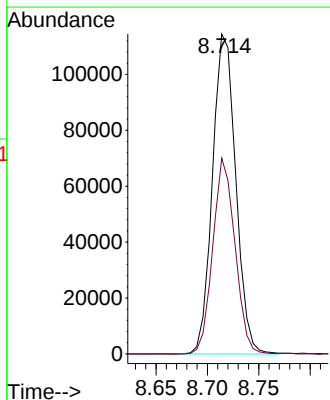
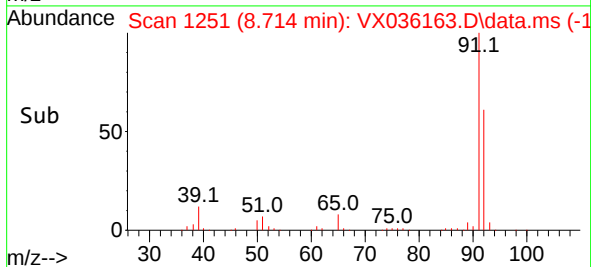
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

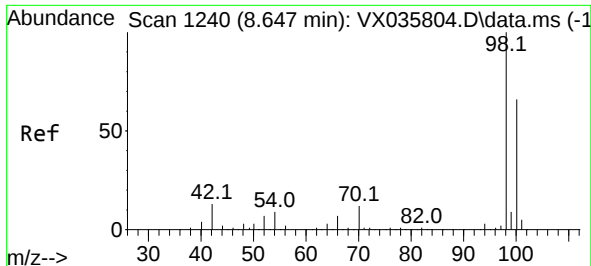


#62
Toluene
Concen: 17.244 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59



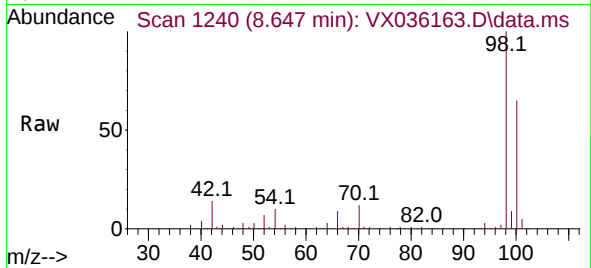
Tgt Ion: 91 Resp: 180076
Ion Ratio Lower Upper
91 100
92 58.3 46.5 69.7





#63
Toluene-d8
Concen: 28.132 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

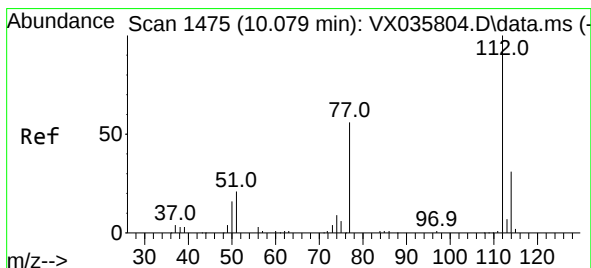
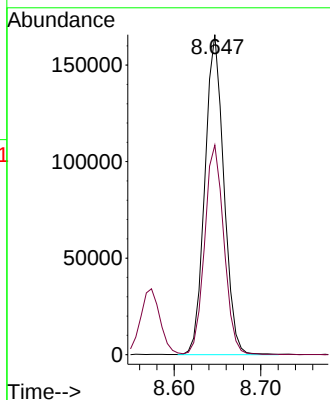
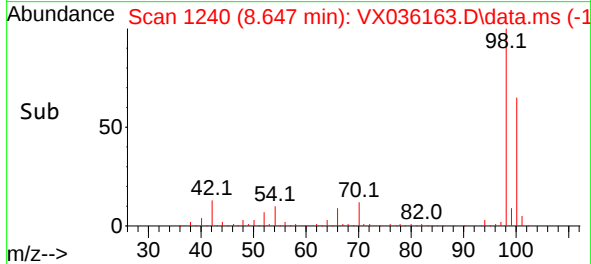
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



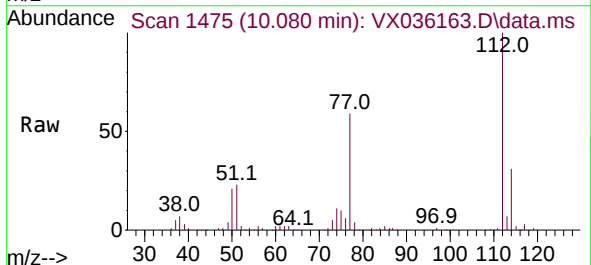
Tgt Ion: 98 Resp: 25219
Ion Ratio Lower Upper
98 100
100 66.6 52.1 78.1

Manual Integrations
APPROVED

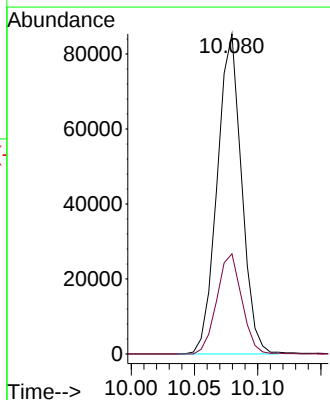
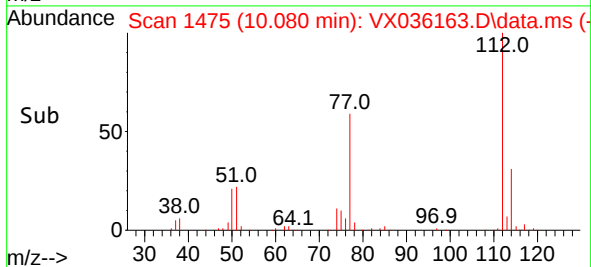
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

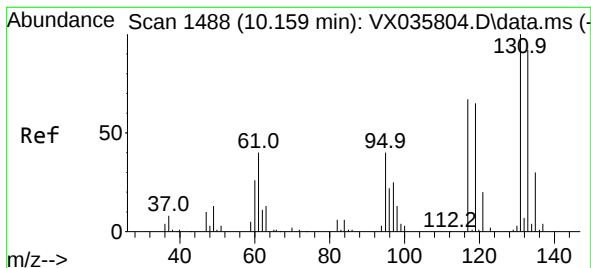


#64
Chlorobenzene
Concen: 17.318 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59



Tgt Ion:112 Resp: 114533
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8





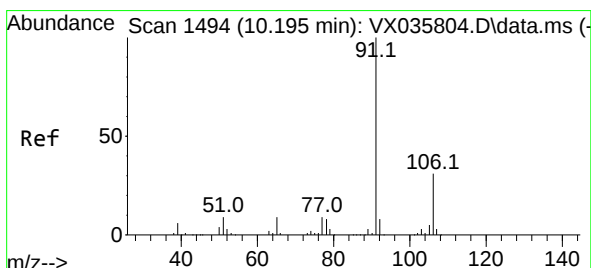
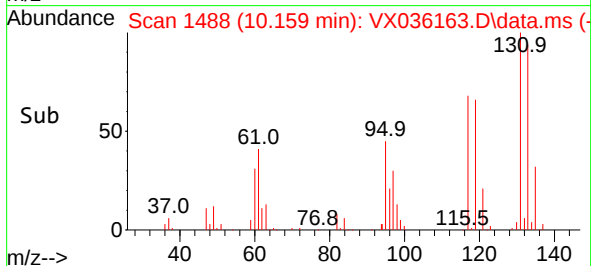
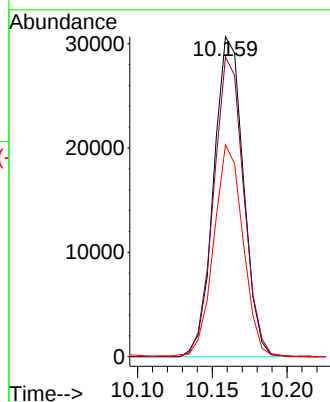
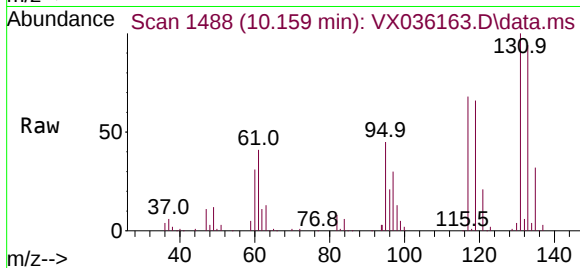
#65
1,1,1,2-Tetrachloroethane
Concen: 18.245 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 42186
Ion Ratio Lower Upper
131 100
133 95.2 0.0 186.6
119 65.3 0.0 128.6

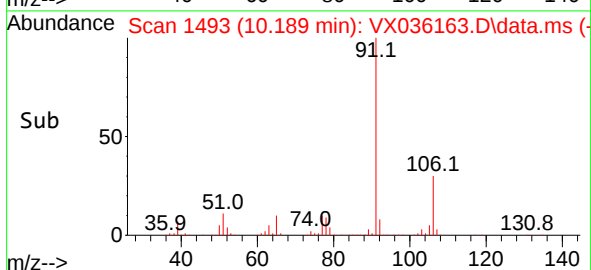
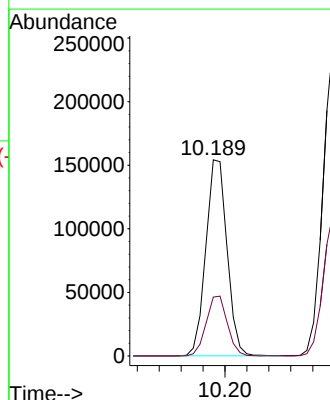
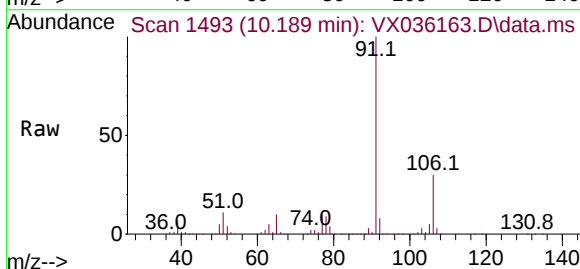
Manual Integrations
APPROVED

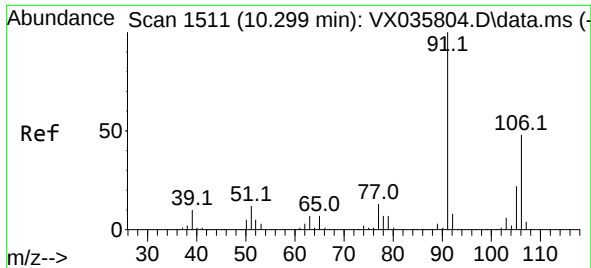
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#66
Ethyl Benzene
Concen: 17.730 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion: 91 Resp: 207065
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6





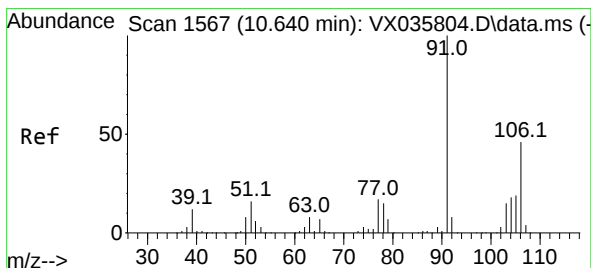
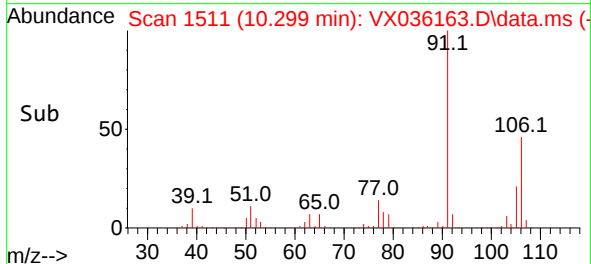
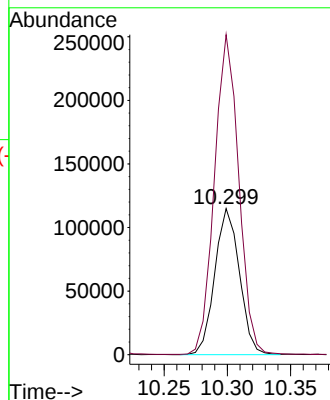
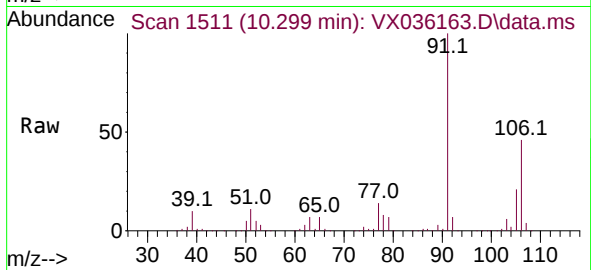
#67
m/p-Xylenes
Concen: 35.251 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 155829
Ion Ratio Lower Upper
106 100
91 215.2 167.4 251.2

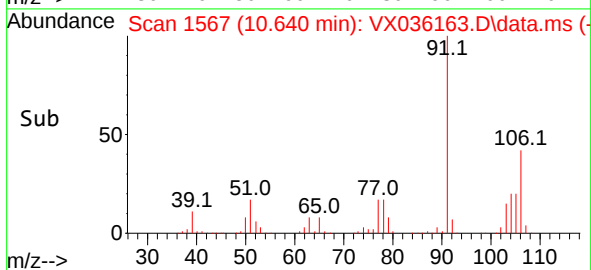
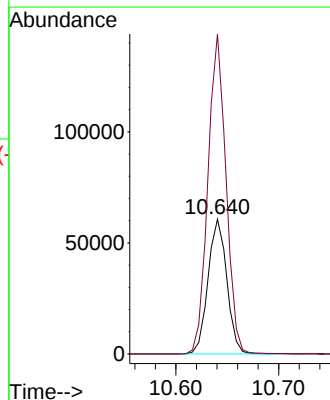
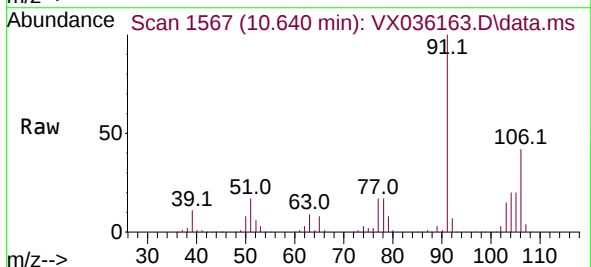
Manual Integrations
APPROVED

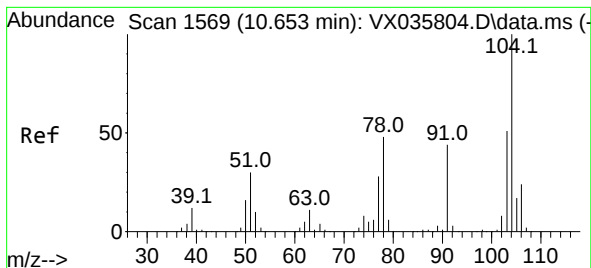
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#68
o-Xylene
Concen: 17.429 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion:106 Resp: 77067
Ion Ratio Lower Upper
106 100
91 228.9 108.9 326.8





#69

Styrene

Concen: 17.701 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

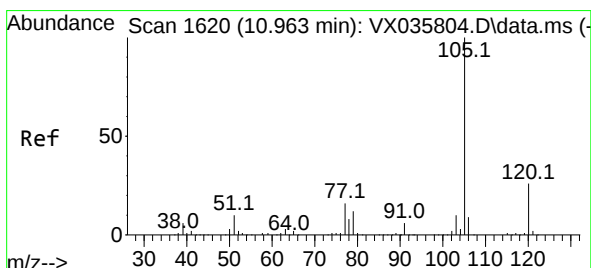
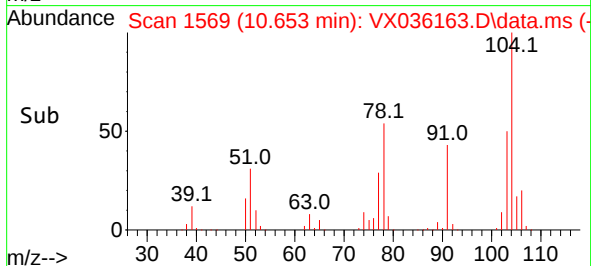
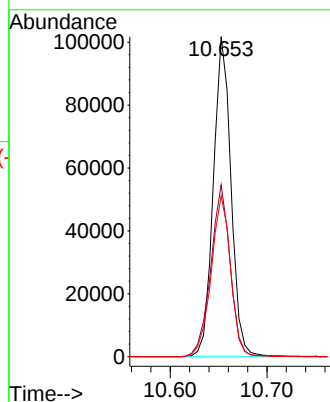
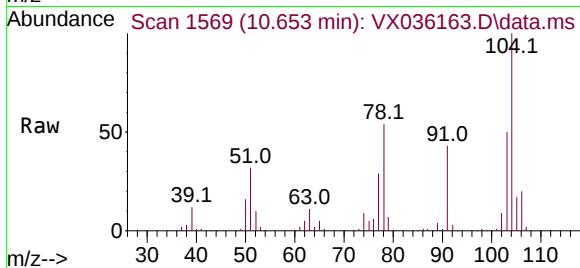
Tgt Ion:104 Resp: 12917
 Ion Ratio Lower Upper
 104 100
 78 58.6 42.8 64.2
 103 55.6 43.8 65.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#70

Isopropylbenzene

Concen: 18.253 ug/l

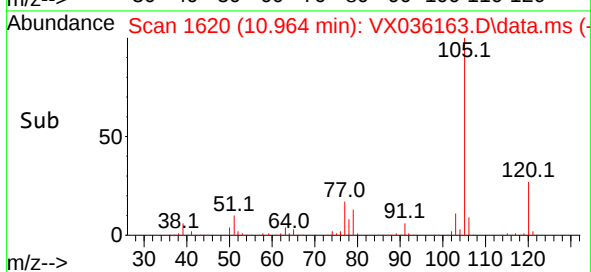
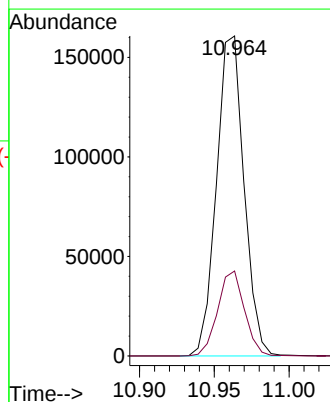
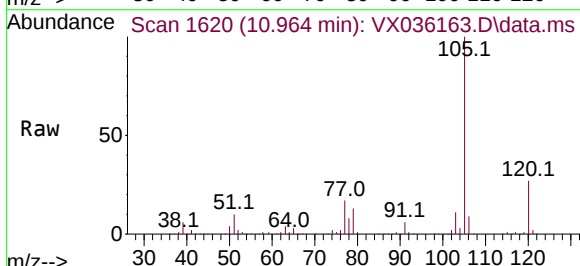
RT: 10.964 min Scan# 1620

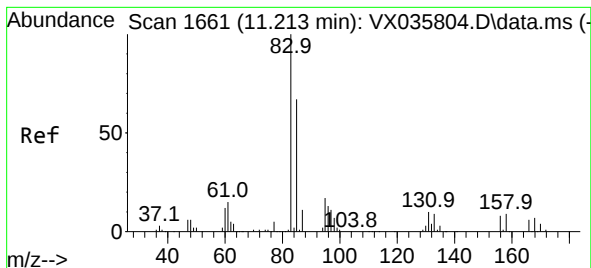
Delta R.T. 0.000 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

Tgt Ion:105 Resp: 206011
 Ion Ratio Lower Upper
 105 100
 120 25.8 18.5 34.3





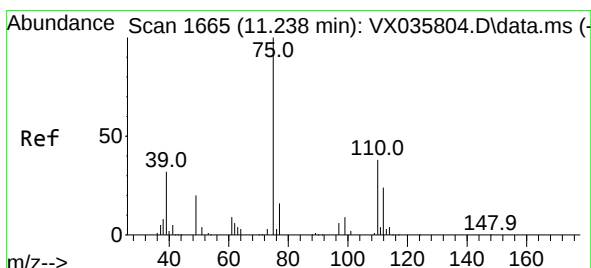
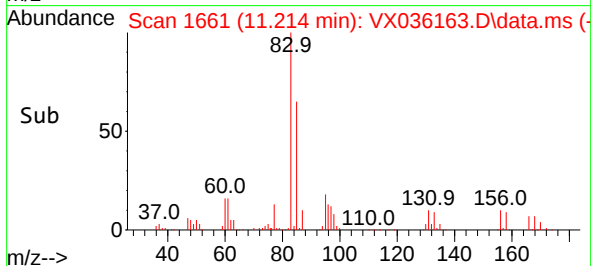
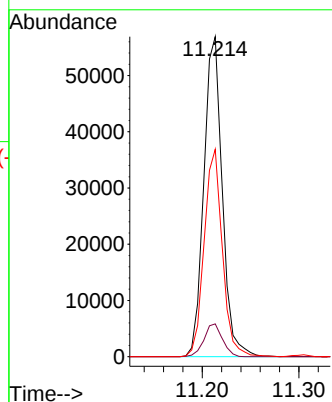
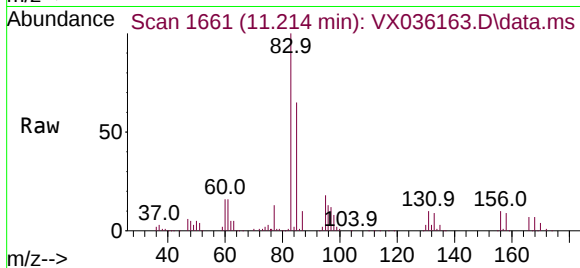
#71
1,1,2,2-Tetrachloroethane
Concen: 18.888 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 75508
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.2
85 64.1 31.9 95.5

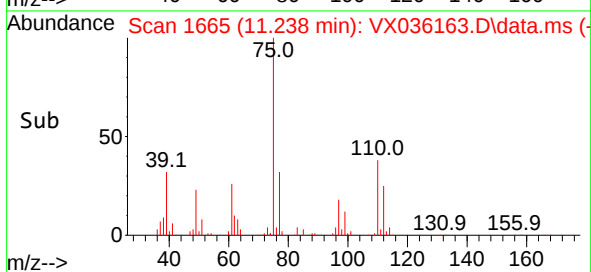
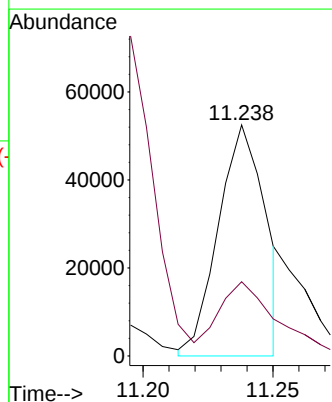
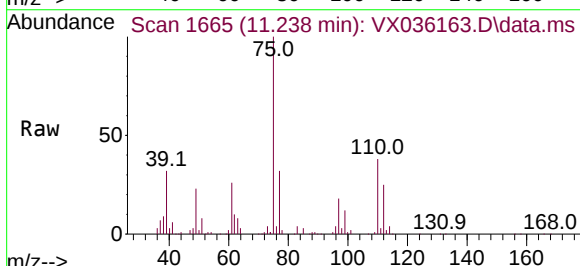
Manual Integrations
APPROVED

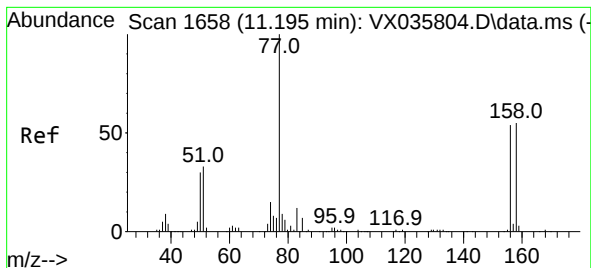
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#72
1,2,3-Trichloropropane
Concen: 19.040 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion: 75 Resp: 66290
Ion Ratio Lower Upper
75 100
77 40.3 0.0 73.8





#73

Bromobenzene

Concen: 17.347 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

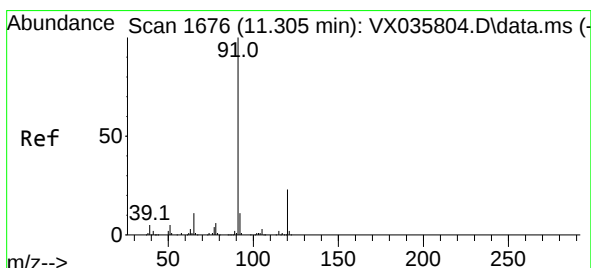
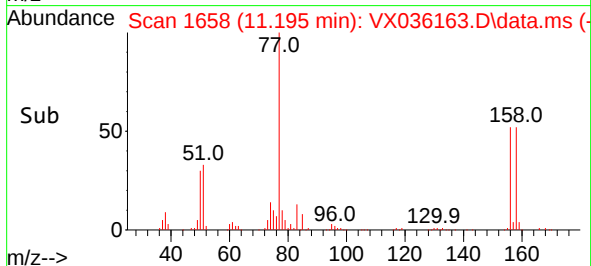
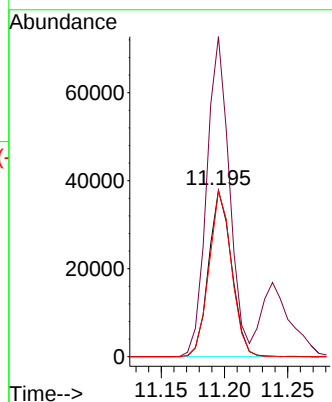
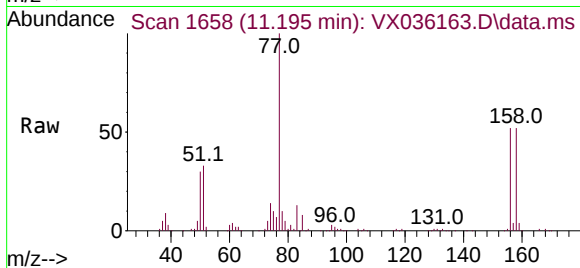
Tgt Ion:	156	Resp:	4756
Ion Ratio	Lower	Upper	
156	100		
77	191.0	0.0	330.8
158	98.0	0.0	193.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#74

n-propylbenzene

Concen: 18.398 ug/l

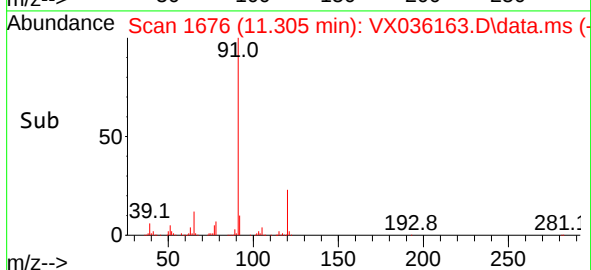
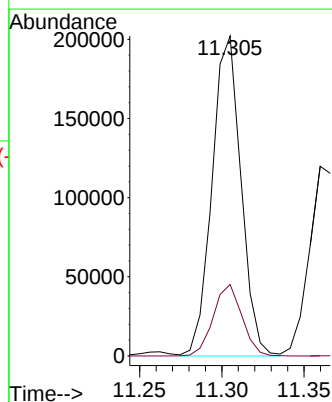
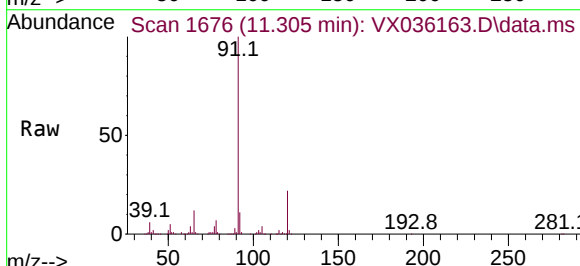
RT: 11.305 min Scan# 1676

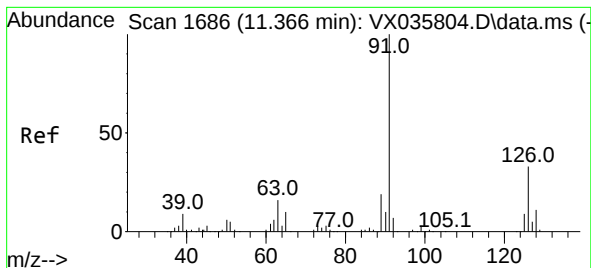
Delta R.T. 0.000 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

Tgt Ion:	91	Resp:	247503
Ion Ratio	Lower	Upper	
91	100		
120	22.1	0.0	44.8





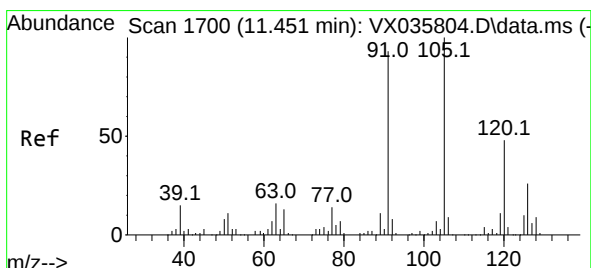
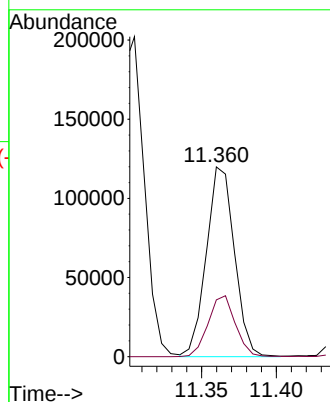
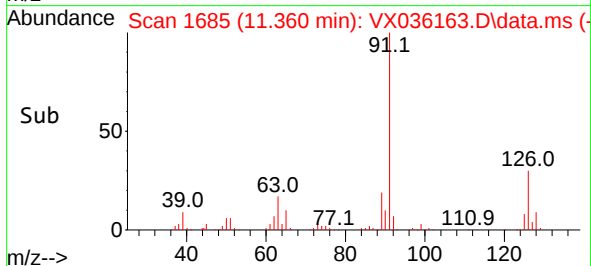
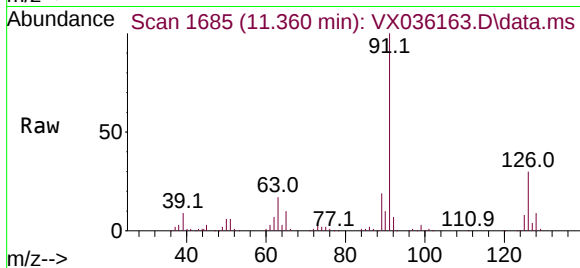
#75
2-Chlorotoluene
Concen: 18.992 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 15694
Ion Ratio Lower Upper
91 100
126 31.2 0.0 66.4

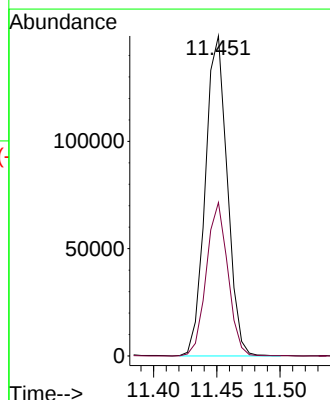
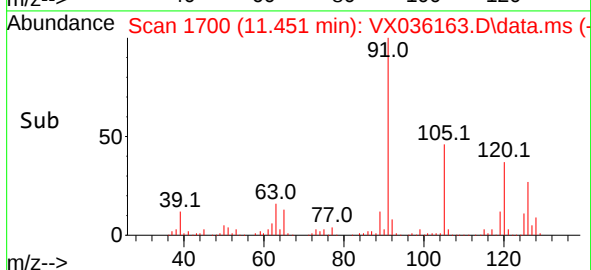
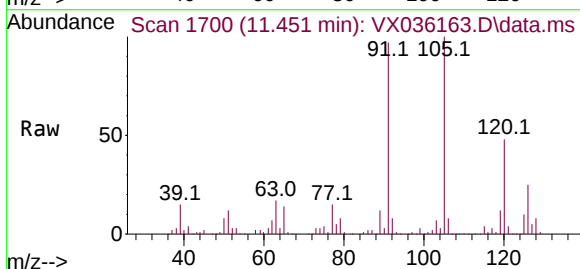
Manual Integrations
APPROVED

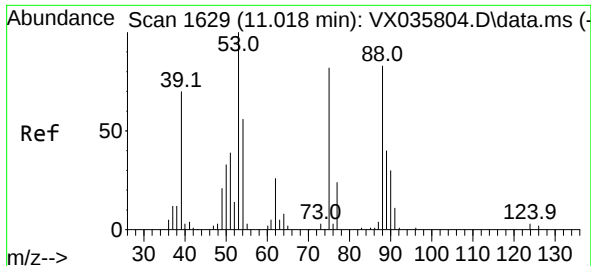
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#76
1,3,5-Trimethylbenzene
Concen: 18.810 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion:105 Resp: 180304
Ion Ratio Lower Upper
105 100
120 46.9 0.0 96.4





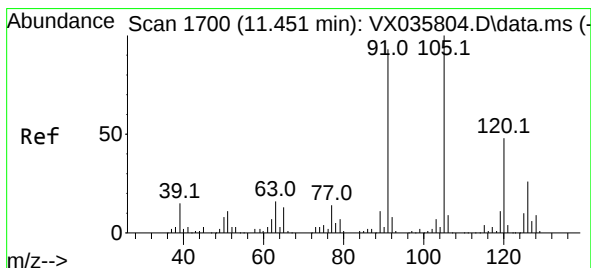
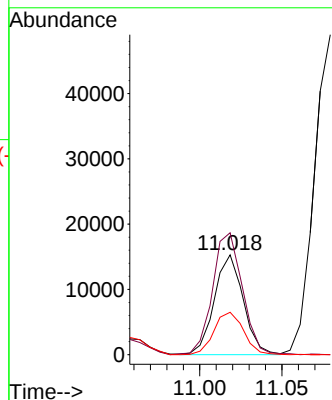
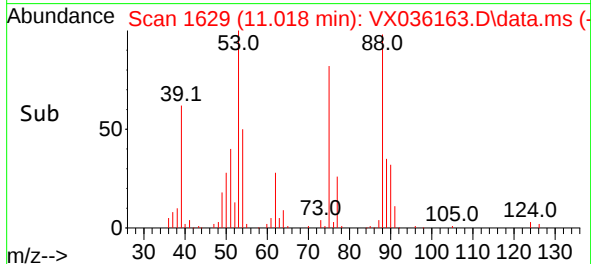
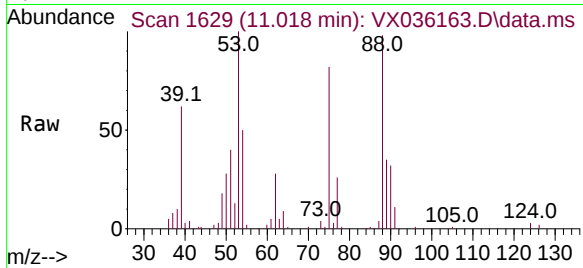
#77
t-1,4-Dichloro-2-butene
Concen: 17.865 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 18764
Ion Ratio Lower Upper
75 100
53 121.8 58.2 174.6
89 42.7 20.6 61.8

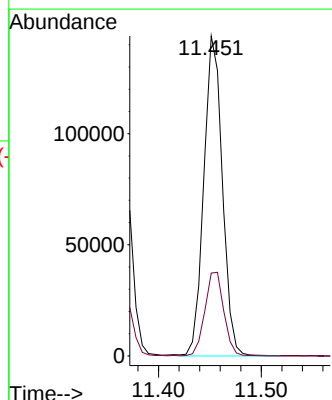
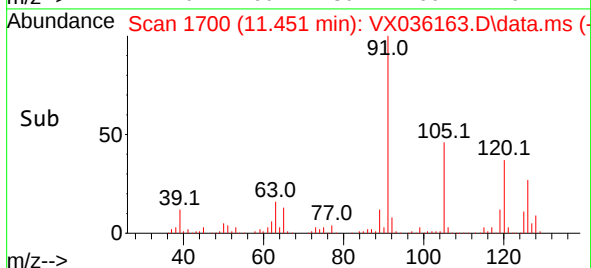
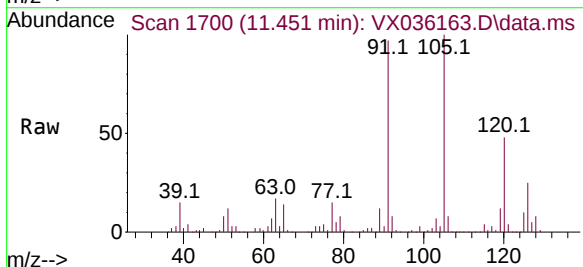
Manual Integrations
APPROVED

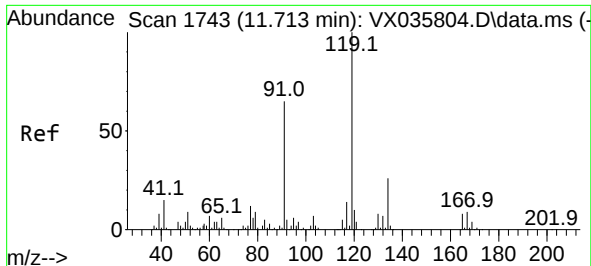
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#78
4-Chlorotoluene
Concen: 19.218 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion: 91 Resp: 180918
Ion Ratio Lower Upper
91 100
126 26.8 0.0 56.8





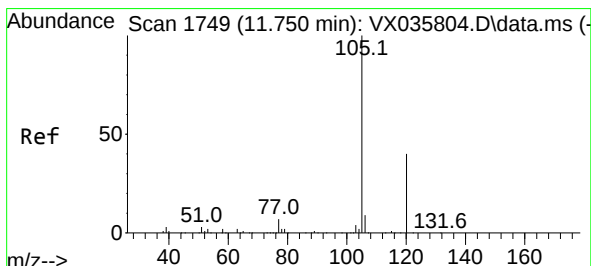
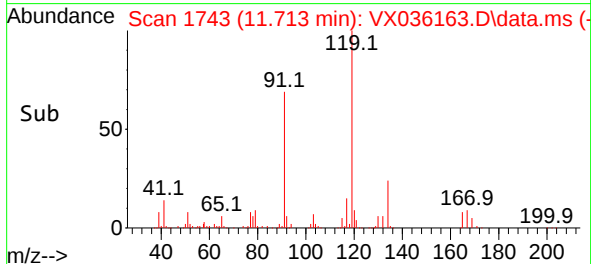
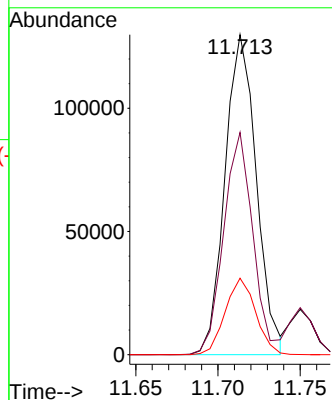
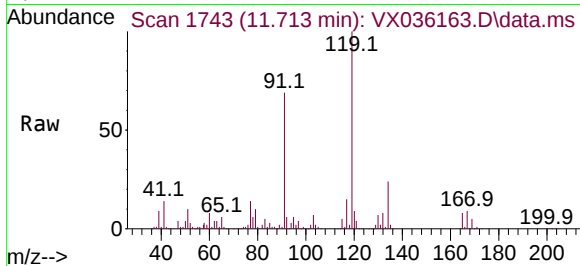
#79
tert-butylbenzene
Concen: 18.653 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 172608
Ion Ratio Lower Upper
119 100
91 63.8 0.0 122.4
134 23.2 0.0 49.2

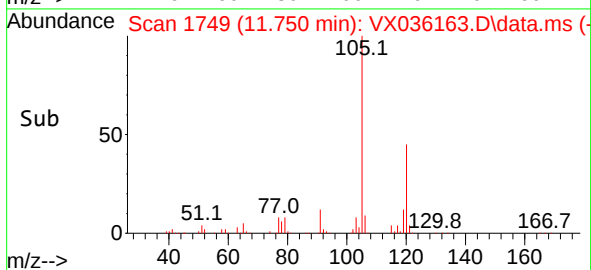
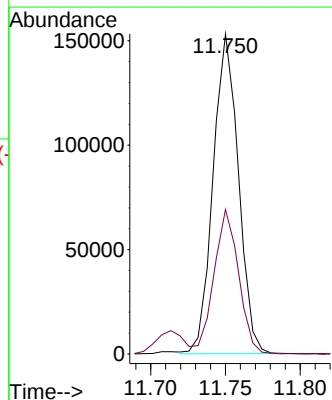
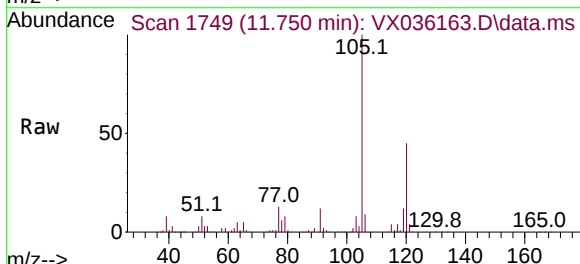
Manual Integrations
APPROVED

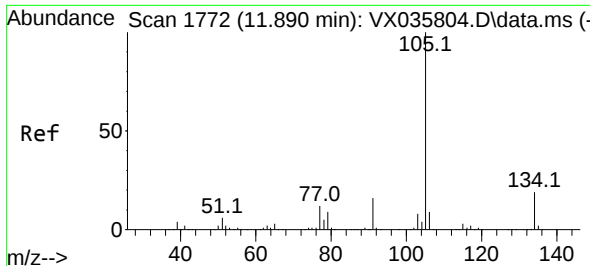
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#80
1,2,4-Trimethylbenzene
Concen: 18.710 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Tgt Ion:105 Resp: 180241
Ion Ratio Lower Upper
105 100
120 44.1 0.0 90.4





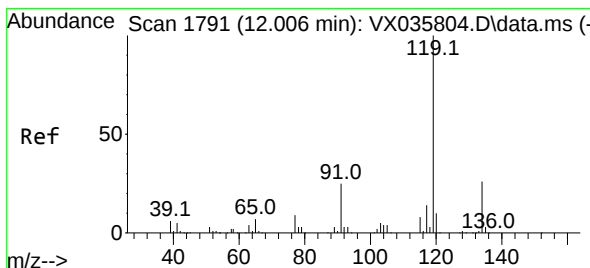
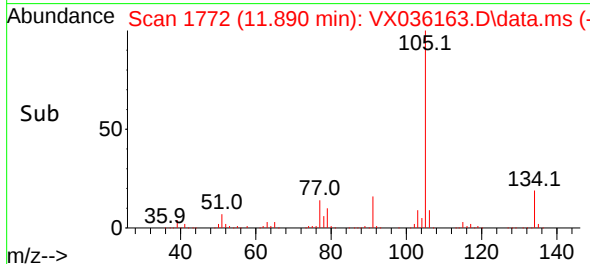
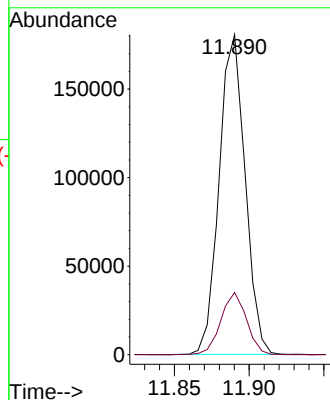
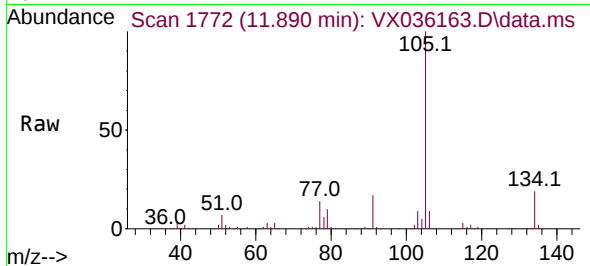
#81
 sec-Butylbenzene
 Concen: 18.668 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036163.D
 Acq: 15 Jun 2023 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 218104
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 40.2

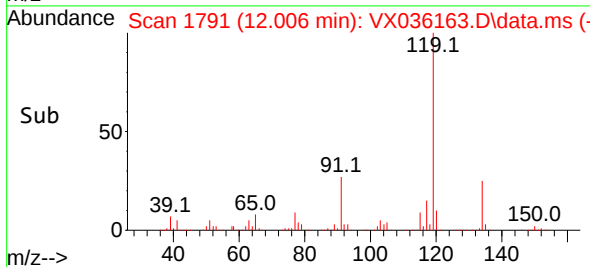
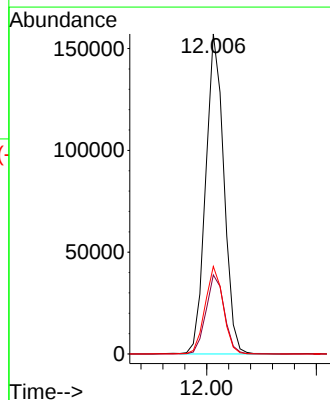
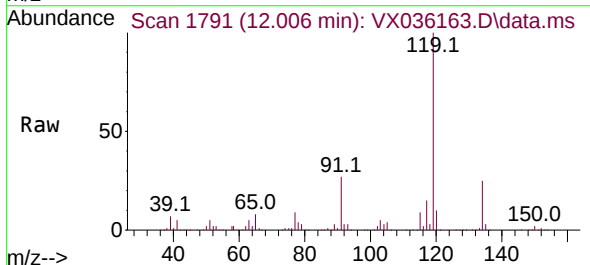
Manual Integrations
 APPROVED

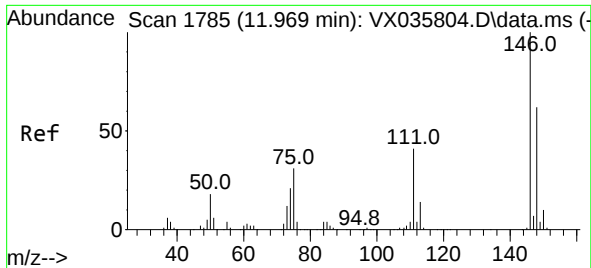
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023



#82
 p-Isopropyltoluene
 Concen: 18.532 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036163.D
 Acq: 15 Jun 2023 10:59

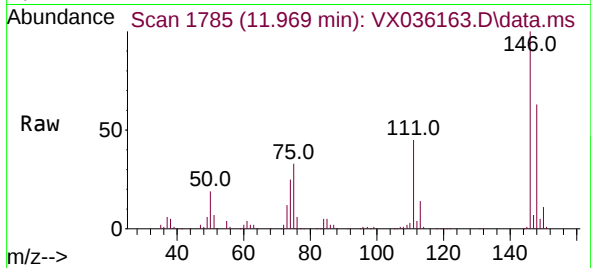
Tgt Ion:119 Resp: 180125
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 52.2
 91 27.2 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 18.065 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

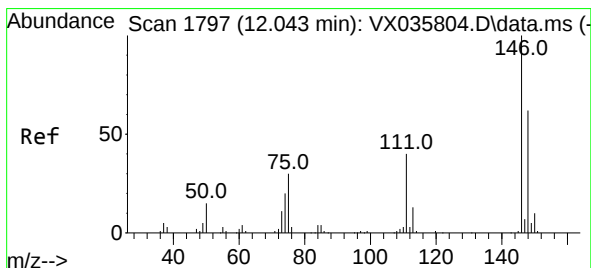
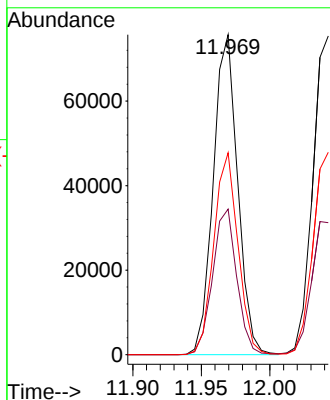
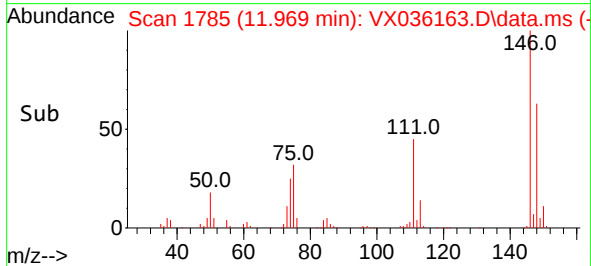
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



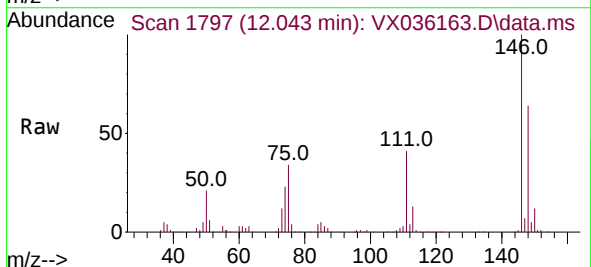
Tgt Ion:146 Resp: 93750
Ion Ratio Lower Upper
146 100
111 45.3 20.6 61.9
148 62.5 31.6 94.7

Manual Integrations
APPROVED

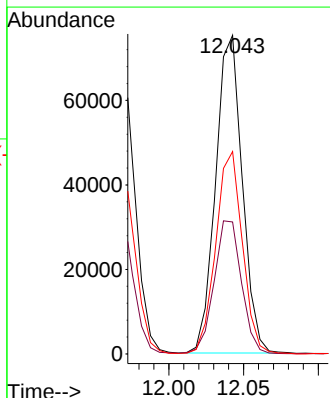
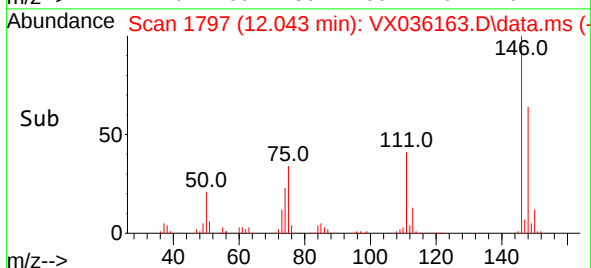
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

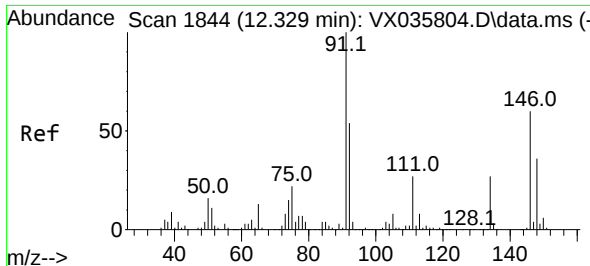


#84
1,4-Dichlorobenzene
Concen: 17.887 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59



Tgt Ion:146 Resp: 93170
Ion Ratio Lower Upper
146 100
111 43.3 20.3 60.9
148 63.9 31.8 95.3





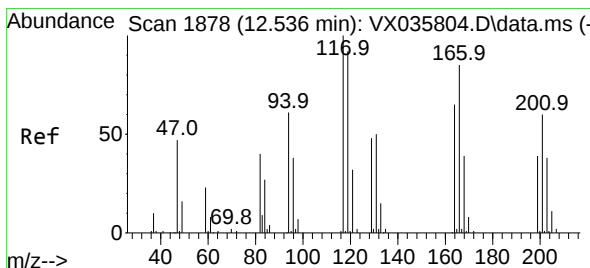
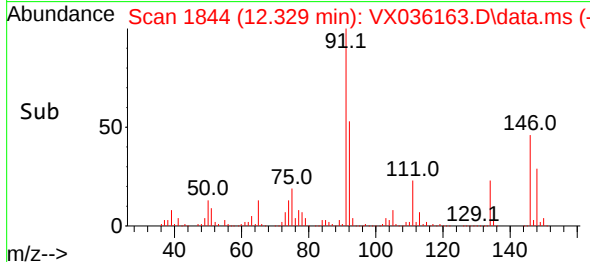
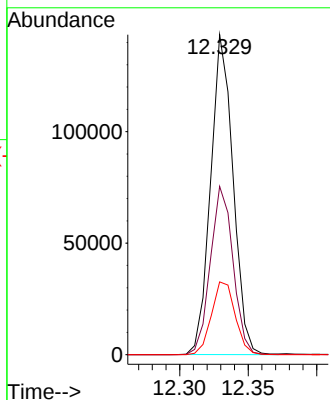
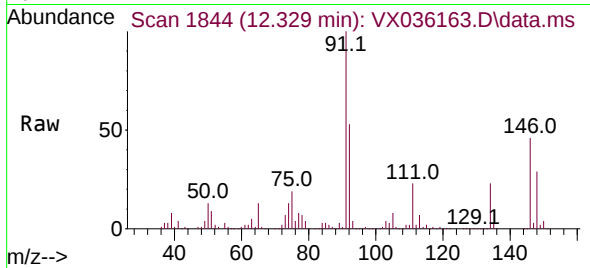
#85
n-Butylbenzene
Concen: 18.897 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 163404
Ion Ratio Lower Upper
91 100
92 53.2 0.0 107.6
134 24.1 0.0 49.8

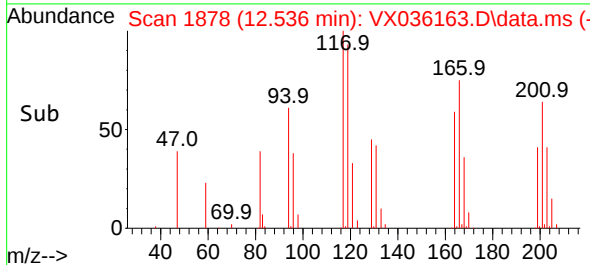
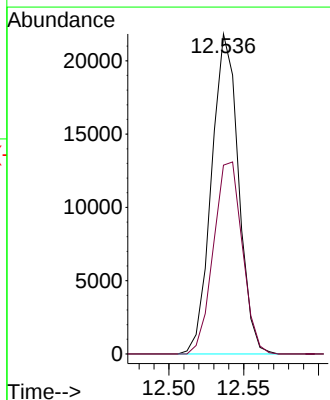
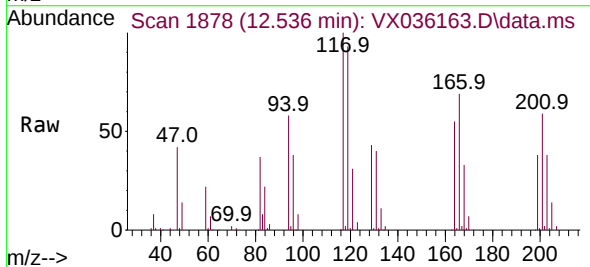
Manual Integrations
APPROVED

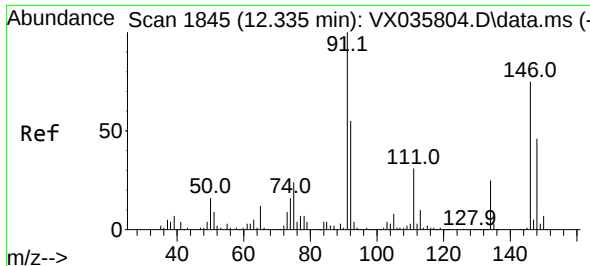
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#86
Hexachloroethane
Concen: 17.900 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

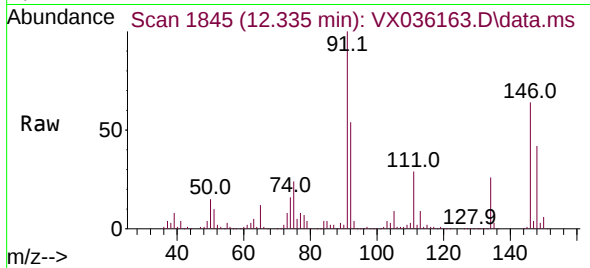
Tgt Ion:117 Resp: 27398
Ion Ratio Lower Upper
117 100
201 64.3 35.4 106.2





#87
1,2-Dichlorobenzene
Concen: 18.298 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

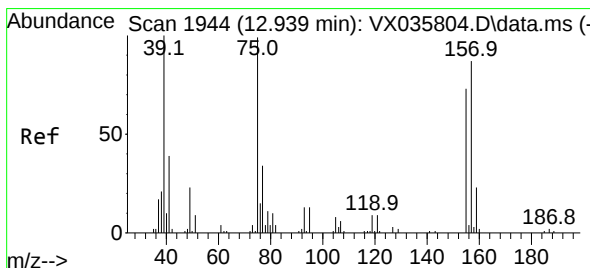
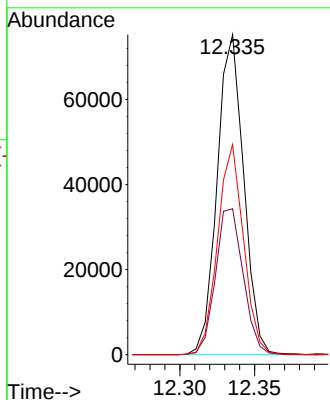
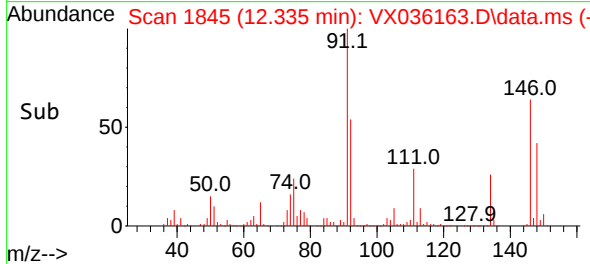
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



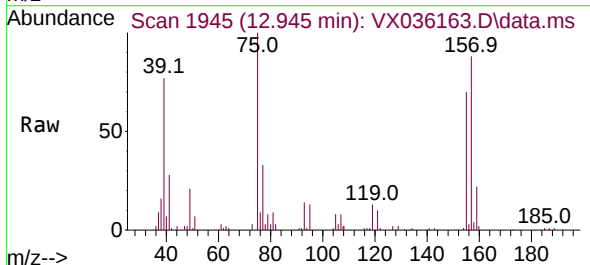
Tgt Ion:146 Resp: 93038
Ion Ratio Lower Upper
146 100
111 47.6 21.3 64.0
148 63.8 31.7 95.1

Manual Integrations
APPROVED

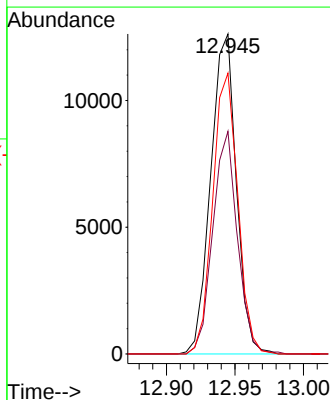
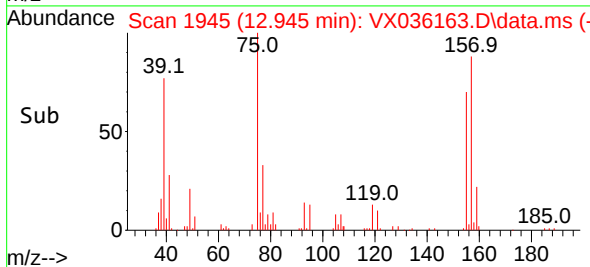
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

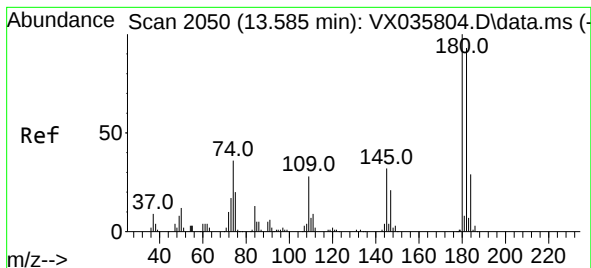


#88
1,2-Dibromo-3-Chloropropane
Concen: 21.472 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59



Tgt Ion: 75 Resp: 16405
Ion Ratio Lower Upper
75 100
155 66.9 63.7 95.5
157 85.5 83.7 125.5





#89

1,2,4-Trichlorobenzene

Concen: 18.387 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

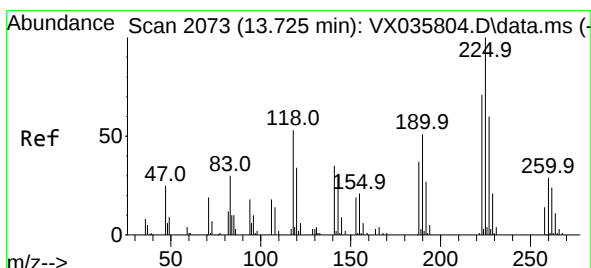
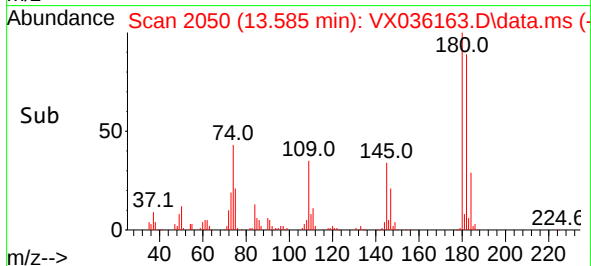
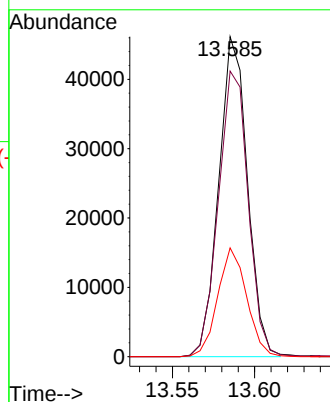
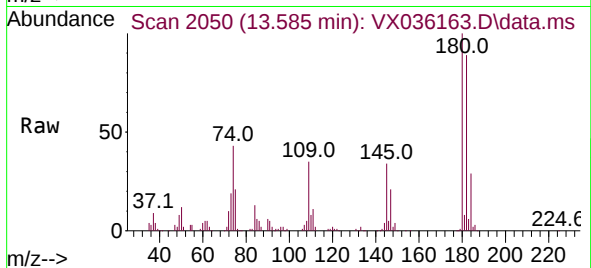
Tgt Ion:180	Resp:	5603
Ion Ratio	Lower	Upper
180	100	
182	92.9	75.8 113.8
145	34.4	25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/16/2023



#90

Hexachlorobutadiene

Concen: 19.733 ug/l

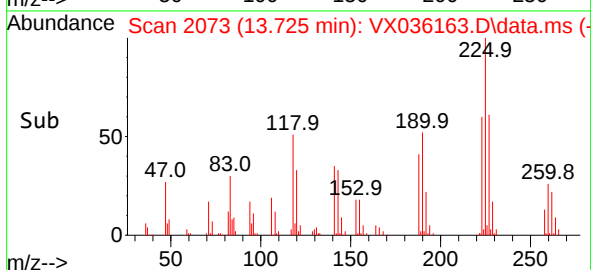
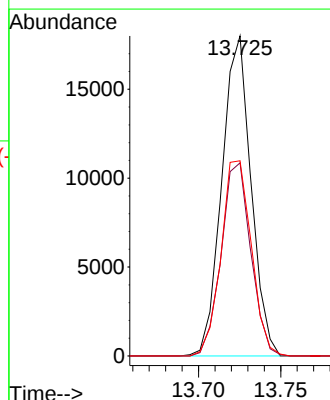
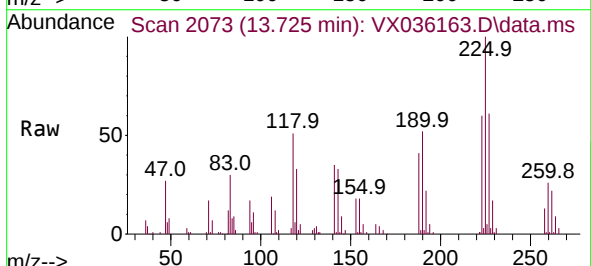
RT: 13.725 min Scan# 2073

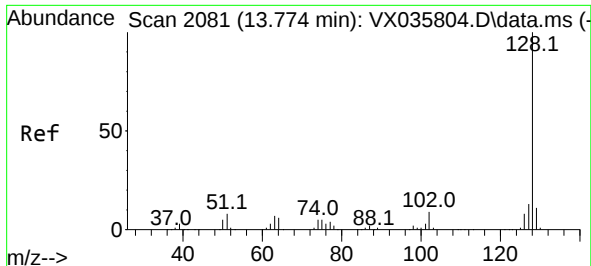
Delta R.T. 0.000 min

Lab File: VX036163.D

Acq: 15 Jun 2023 10:59

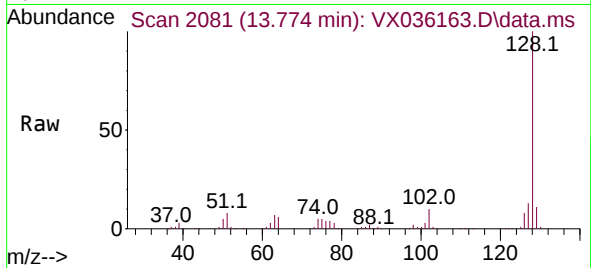
Tgt Ion:225	Resp:	22167
Ion Ratio	Lower	Upper
225	100	
223	61.2	0.0 124.2
227	63.5	0.0 122.8





#91
Naphthalene
Concen: 18.208 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59

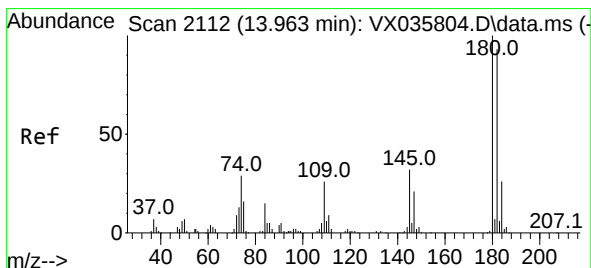
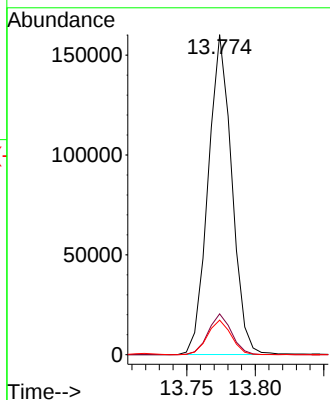
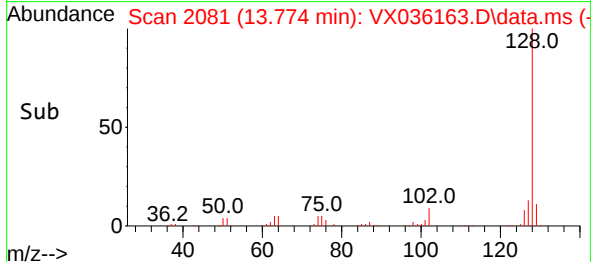
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020



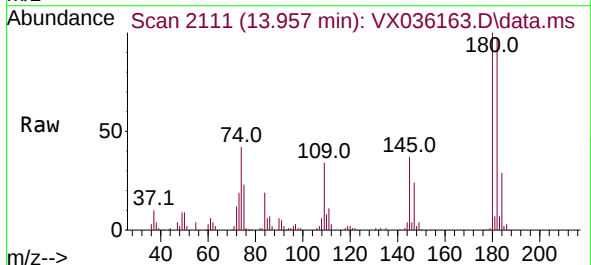
Tgt Ion:128 Resp: 192009
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023



#92
1,2,3-Trichlorobenzene
Concen: 18.279 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX036163.D
Acq: 15 Jun 2023 10:59



Tgt Ion:180 Resp: 55615
Ion Ratio Lower Upper
180 100
182 94.2 0.0 191.0
145 36.1 0.0 66.8

