

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061623\
 Data File : VX036179.D
 Acq On : 16 Jun 2023 12:50
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/19/2023

Quant Time: Jun 16 14:53:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 14:52:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	179648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	347805	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	149998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	18091	5.511	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	11.020%#		
35) Dibromofluoromethane	5.385	113	12084	5.124	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.240%#		
50) Toluene-d8	8.647	98	46180	5.353	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.700%#		
62) 4-Bromofluorobenzene	11.079	95	17360	4.985	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.960%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	10991	4.984	ug/l	99
3) Chloromethane	1.294	50	12065	5.171	ug/l	97
4) Vinyl Chloride	1.374	62	10825	4.870	ug/l	94
5) Bromomethane	1.617	94	7048	5.159	ug/l	94
6) Chloroethane	1.691	64	7097	4.935	ug/l	98
7) Trichlorofluoromethane	1.886	101	16423	4.566	ug/l	96
8) Diethyl Ether	2.136	74	6810	5.087	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	9974	4.862	ug/l	96
10) Methyl Iodide	2.453	142	8429	3.985	ug/l	98
11) Tert butyl alcohol	2.995	59	12291m	24.481	ug/l	
12) 1,1-Dichloroethene	2.319	96	9402	4.847	ug/l	95
13) Acrolein	2.239	56	15776	28.305	ug/l	99
14) Allyl chloride	2.666	41	17992	4.584	ug/l	95
15) Acrylonitrile	3.068	53	32413	25.245	ug/l	99
16) Acetone	2.386	43	34115	21.917	ug/l	98
17) Carbon Disulfide	2.514	76	21019	4.384	ug/l	98
18) Methyl Acetate	2.703	43	25538	4.937	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	37384	4.923	ug/l	99
20) Methylene Chloride	2.788	84	12412	5.023	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	10943	5.078	ug/l	99
22) Diisopropyl ether	3.757	45	38526	4.933	ug/l	93
23) Vinyl Acetate	3.721	43	127730	23.076	ug/l	99
24) 1,1-Dichloroethane	3.605	63	20953	4.856	ug/l	98
25) 2-Butanone	4.562	43	47575	24.918	ug/l	98
26) 2,2-Dichloropropane	4.477	77	14916	4.445	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	12589	5.108	ug/l	99
28) Bromochloromethane	4.897	49	10861	4.828	ug/l	94
29) Tetrahydrofuran	5.019	42	30558	25.199	ug/l	98
30) Chloroform	5.092	83	23022	5.066	ug/l	96
31) Cyclohexane	5.470	56	16020	4.549	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	18041	4.683	ug/l	97
36) 1,1-Dichloropropene	5.696	75	15702	4.520	ug/l	99
37) Ethyl Acetate	4.721	43	18574	4.589	ug/l	99
38) Carbon Tetrachloride	5.672	117	14198	4.204	ug/l	92
39) Methylcyclohexane	7.385	83	15628	4.177	ug/l	94
40) Benzene	6.037	78	46862	4.797	ug/l	98

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Instrument :
 MSVOA_X
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	9732	4.361	ug/l	97
42) 1,2-Dichloroethane	6.086	62	20165	4.582	ug/l	98
43) Isopropyl Acetate	6.342	43	27051	4.367	ug/l	99
44) Trichloroethene	7.129	130	11603	4.753	ug/l	92
45) 1,2-Dichloropropane	7.427	63	12126	4.668	ug/l	99
46) Dibromomethane	7.586	93	8820	4.767	ug/l	96
47) Bromodichloromethane	7.824	83	14962	4.212	ug/l	98
48) Methyl methacrylate	7.690	41	13410	4.219	ug/l	98
49) 1,4-Dioxane	7.702	88	4469	83.985	ug/l #	93
51) 4-Methyl-2-Pentanone	8.573	43	93134	23.811	ug/l	96
52) Toluene	8.720	92	28957	4.734	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	14431	5.655	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	16861	5.298	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	12076	4.782	ug/l #	85
56) Ethyl methacrylate	9.116	69	16668	5.666	ug/l	94
57) 1,3-Dichloropropane	9.311	76	21097	4.696	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	51177	24.341	ug/l	100
59) 2-Hexanone	9.433	43	68658	23.611	ug/l	95
60) Dibromochloromethane	9.518	129	9938	4.032	ug/l	99
61) 1,2-Dibromoethane	9.610	107	12247	4.651	ug/l	95
64) Tetrachloroethene	9.275	164	8949	4.634	ug/l	95
65) Chlorobenzene	10.079	112	31592	4.911	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	9789	4.410	ug/l	95
67) Ethyl Benzene	10.195	91	53731	4.677	ug/l	98
68) m/p-Xylenes	10.299	106	41720	9.626	ug/l	99
69) o-Xylene	10.640	106	20400	4.771	ug/l	94
70) Styrene	10.659	104	32746	4.596	ug/l	99
71) Bromoform	10.799	173	5905	5.914	ug/l #	96
73) Isopropylbenzene	10.963	105	50597	4.546	ug/l	100
74) N-amyl acetate	10.841	43	21866	4.347	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	19079	5.006	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	16132m	4.328	ug/l	
77) Bromobenzene	11.201	156	12294	4.715	ug/l	94
78) n-propylbenzene	11.305	91	57772	4.412	ug/l	98
79) 2-Chlorotoluene	11.366	91	38147	4.632	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	42862	4.523	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	3178	7.909	ug/l #	66
82) 4-Chlorotoluene	11.457	91	44171	4.603	ug/l	98
83) tert-Butylbenzene	11.713	119	39069	4.336	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	43954	4.650	ug/l	97
85) sec-Butylbenzene	11.890	105	49896	4.448	ug/l	99
86) p-Isopropyltoluene	12.006	119	41321	4.378	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	24260	4.878	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	24557	4.895	ug/l	94
89) n-Butylbenzene	12.329	91	35478	4.212	ug/l	97
90) Hexachloroethane	12.536	117	6062	5.275	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	24218	4.962	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3572	4.249	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	12491	4.515	ug/l	94
94) Hexachlorobutadiene	13.725	225	4936	4.513	ug/l	95
95) Naphthalene	13.774	128	40281	4.221	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	12764	4.601	ug/l	98

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

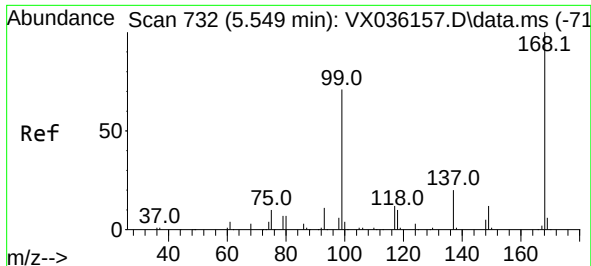
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 16 14:52:15 2023
Response via : Initial Calibration

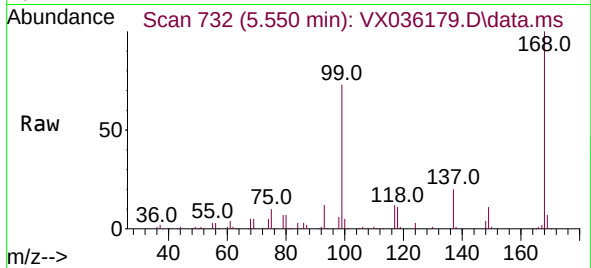
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

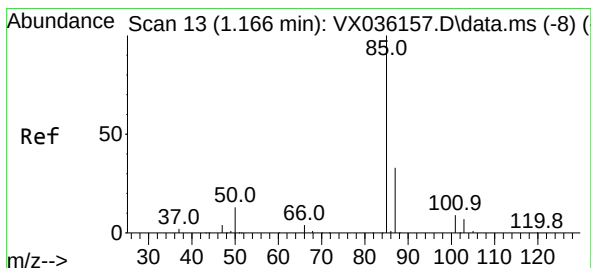
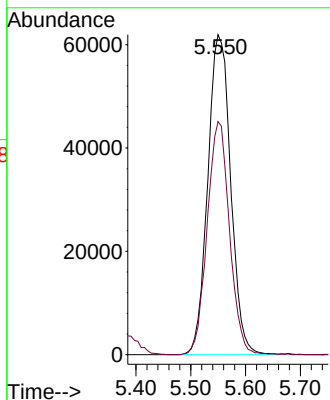
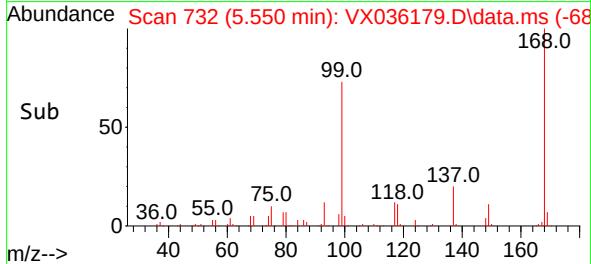
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:168 Resp: 17964
Ion Ratio Lower Upper
168 100
99 72.9 56.6 85.0

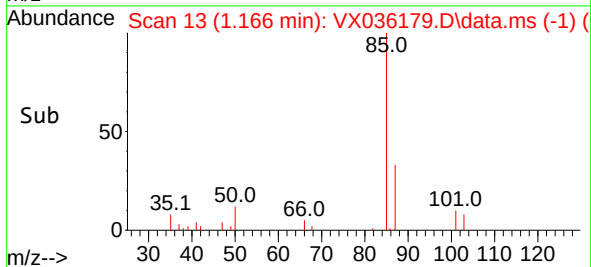
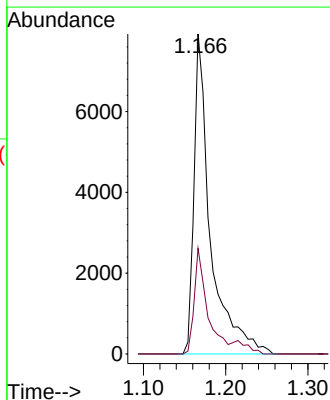
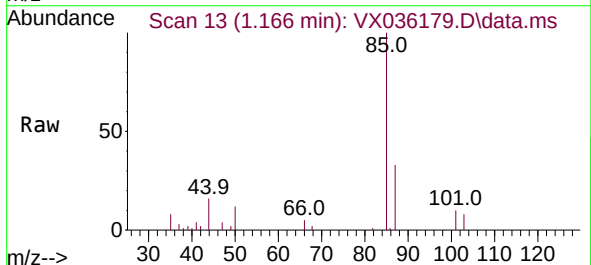
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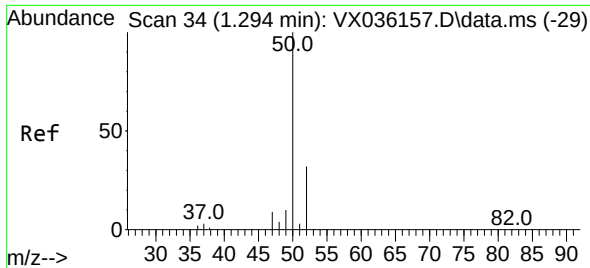
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#2
Dichlorodifluoromethane
Concen: 4.984 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 85 Resp: 10991
Ion Ratio Lower Upper
85 100
87 33.0 16.7 50.1





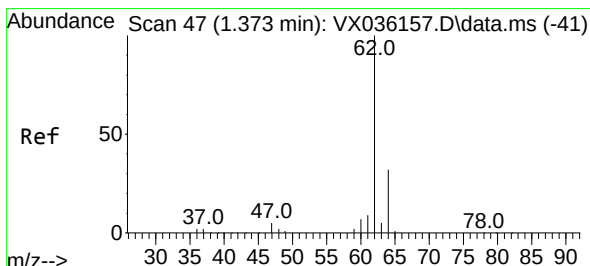
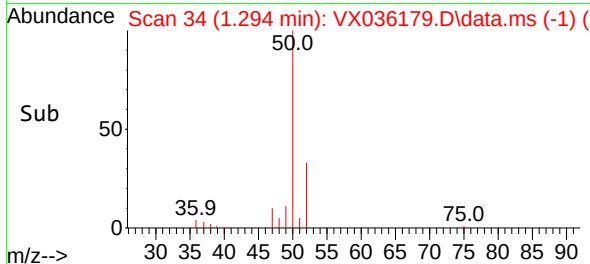
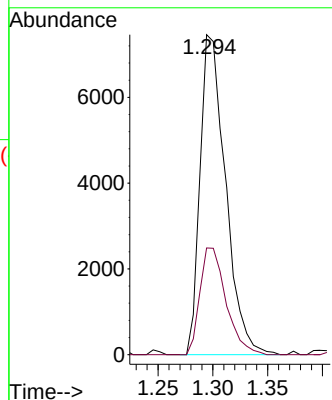
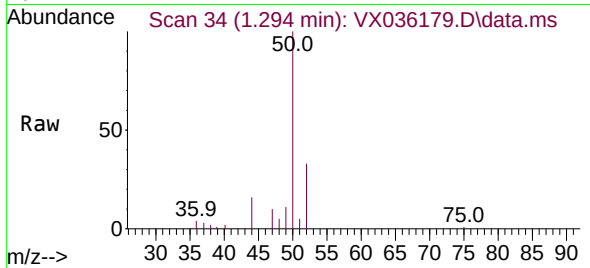
#3
Chloromethane
Concen: 5.171 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 1206
Ion Ratio Lower Upper
50 100
52 33.4 25.5 38.3

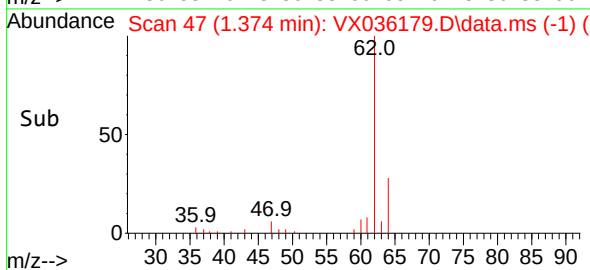
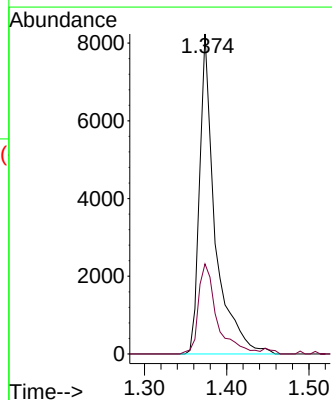
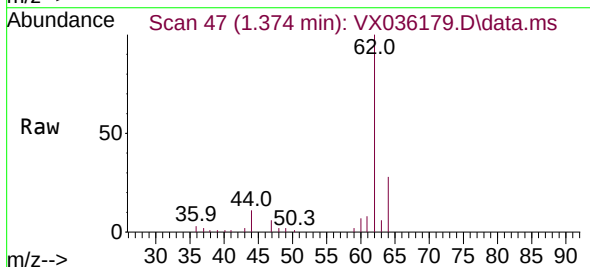
Manual Integrations
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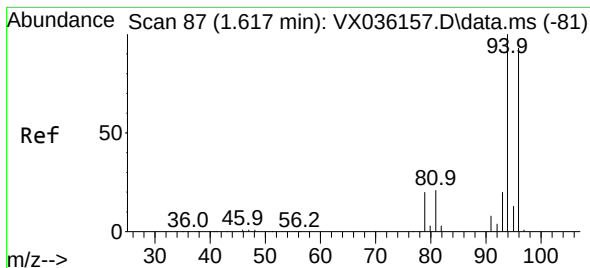
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#4
Vinyl Chloride
Concen: 4.870 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 62 Resp: 10825
Ion Ratio Lower Upper
62 100
64 28.1 25.4 38.0





#5

Bromomethane

Concen: 5.159 ug/l

RT: 1.617 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 94 Resp: 7048

Ion Ratio Lower Upper

94 100

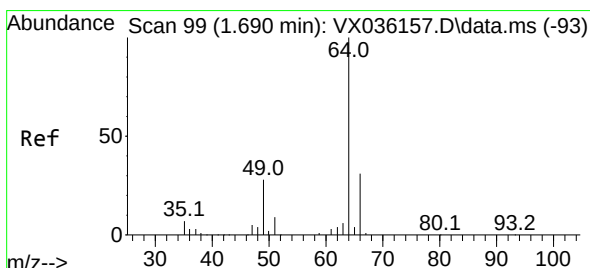
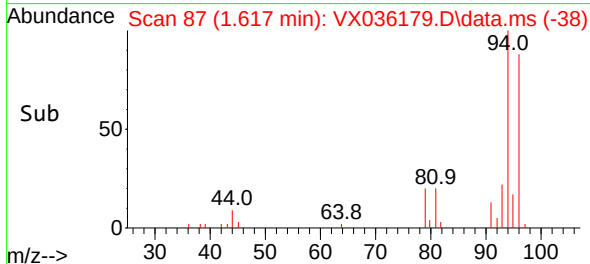
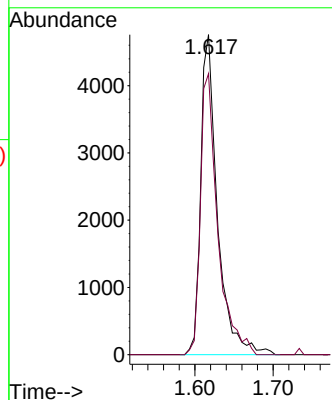
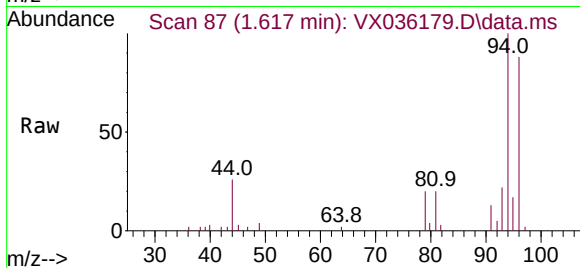
96 87.8 74.6 111.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#6

Chloroethane

Concen: 4.935 ug/l

RT: 1.691 min Scan# 99

Delta R.T. 0.001 min

Lab File: VX036179.D

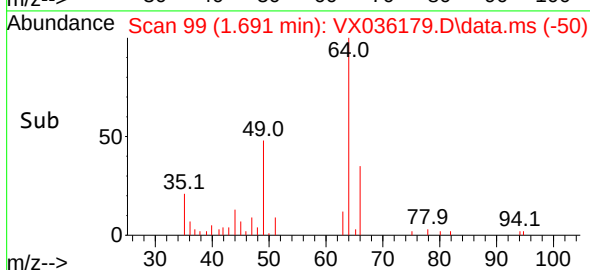
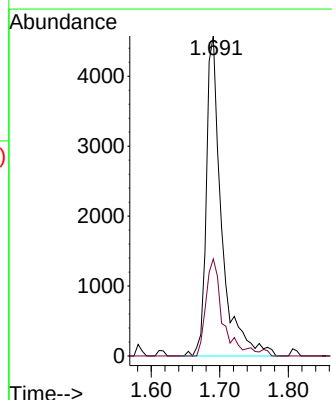
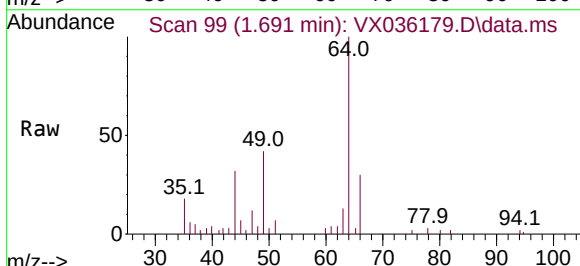
Acq: 16 Jun 2023 12:50

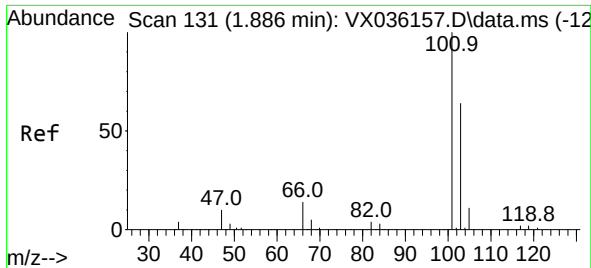
Tgt Ion: 64 Resp: 7097

Ion Ratio Lower Upper

64 100

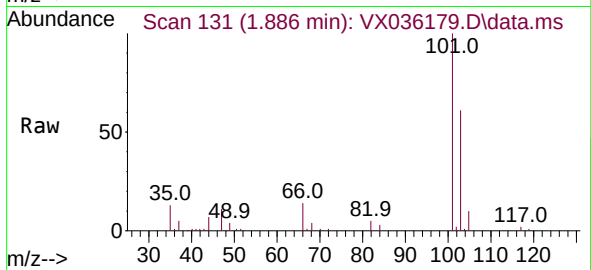
66 30.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 4.566 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

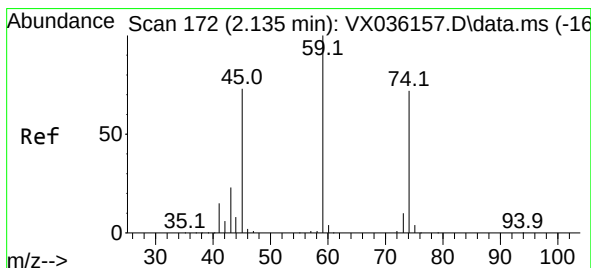
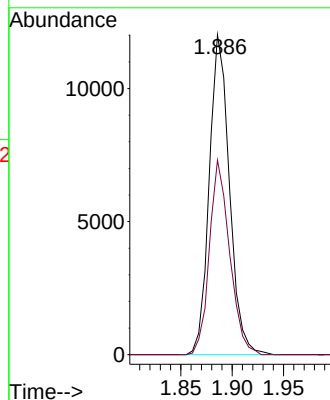
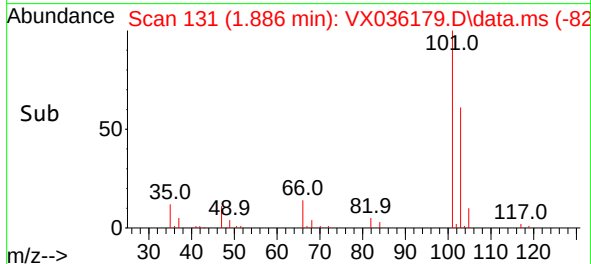
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 1642
Ion Ratio Lower Upper
101 100
103 60.8 51.4 77.2

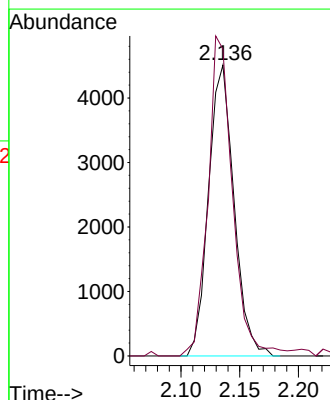
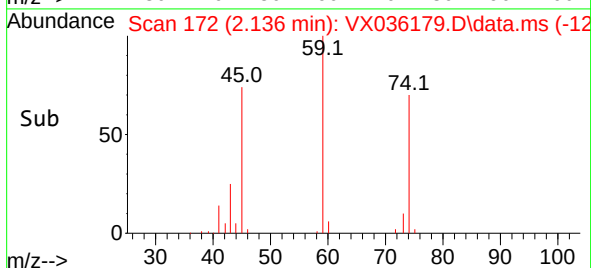
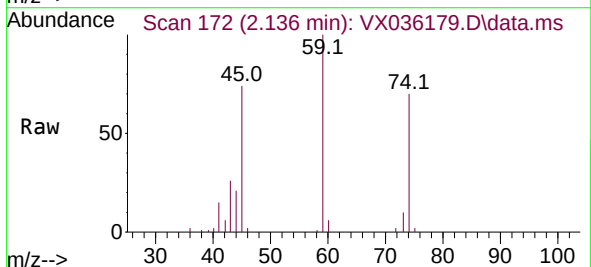
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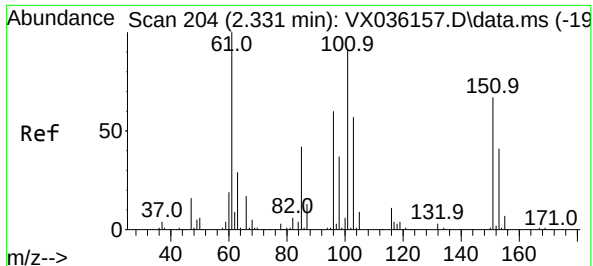
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#8
Diethyl Ether
Concen: 5.087 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.001 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

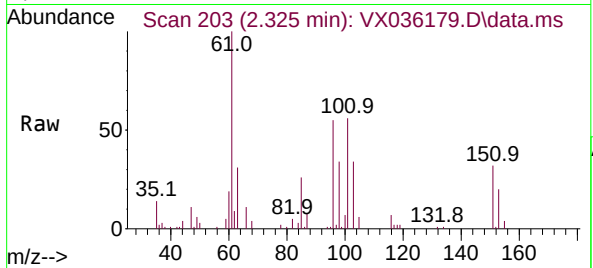
Tgt Ion: 74 Resp: 6810
Ion Ratio Lower Upper
74 100
45 106.2 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.862 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036179.D
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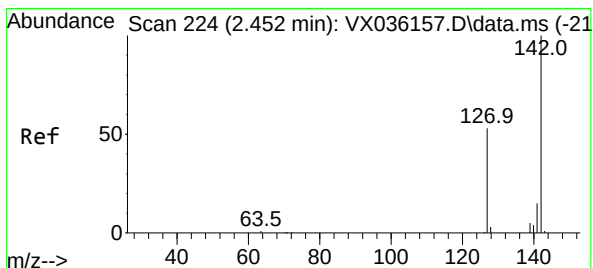
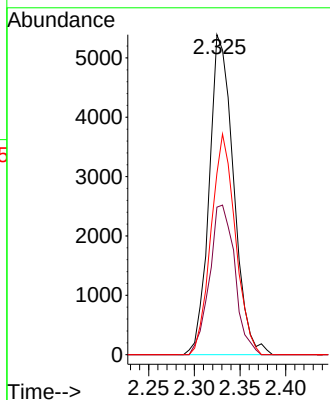
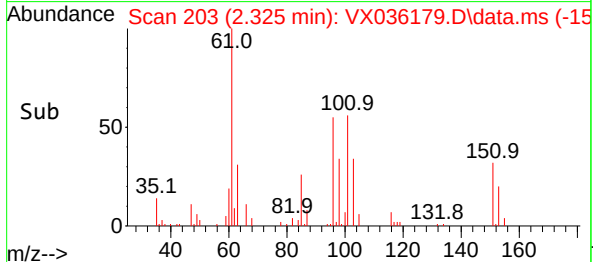
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:101 Resp: 9974
Ion Ratio Lower Upper
101 100
85 48.4 37.0 55.6
151 68.8 58.6 87.8

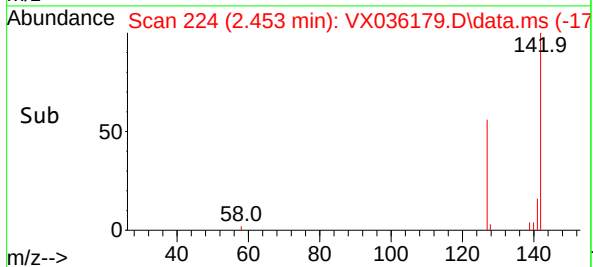
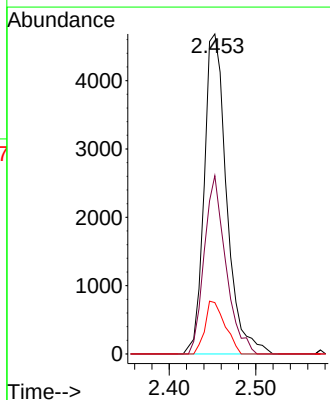
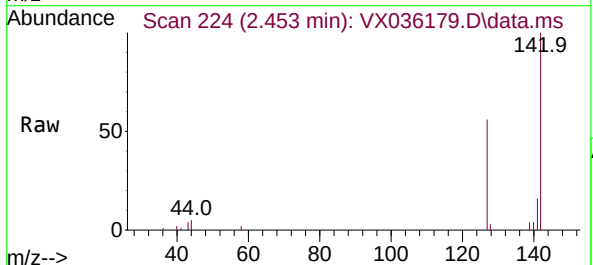
Manual Integrations
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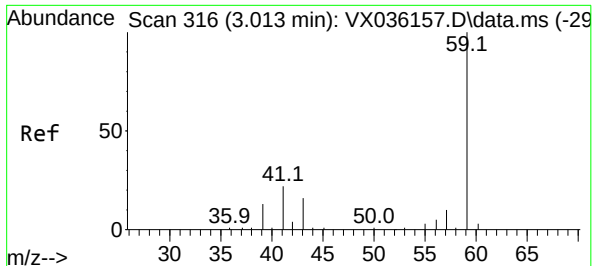
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#10
Methyl Iodide
Concen: 3.985 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

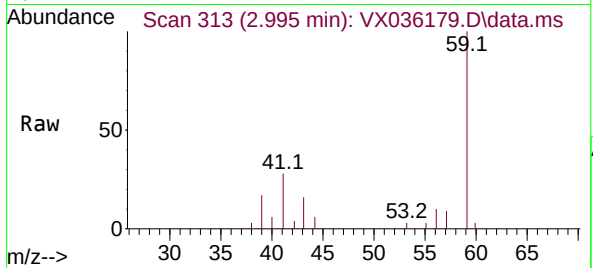
Tgt Ion:142 Resp: 8429
Ion Ratio Lower Upper
142 100
127 53.5 41.6 62.4
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 24.481 ug/l m
RT: 2.995 min Scan# 316
Delta R.T. -0.018 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

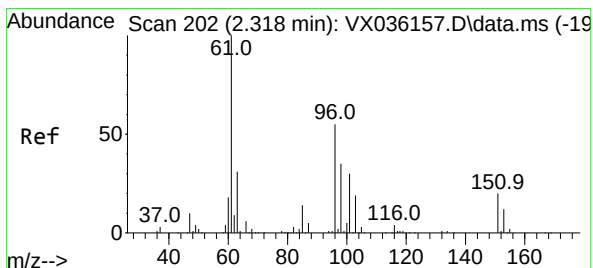
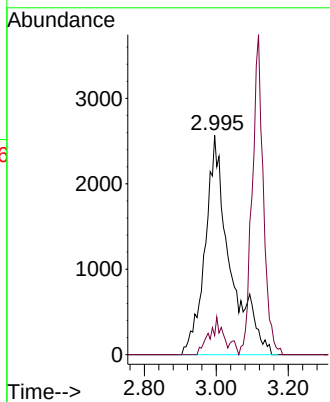
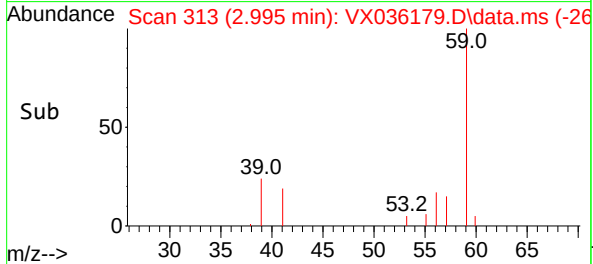
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 1229
Ion Ratio Lower Upper
59 100
57 8.9 6.0 9.0

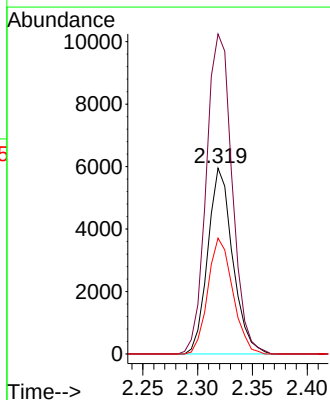
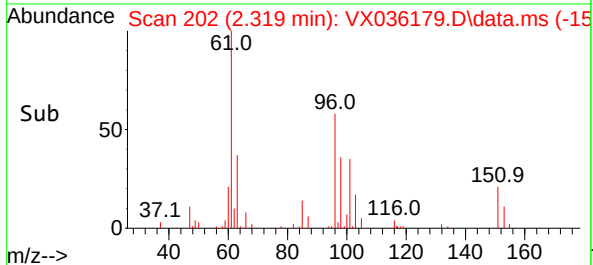
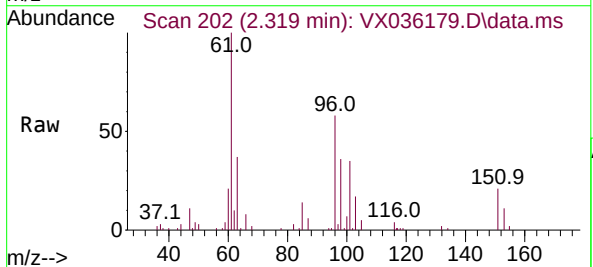
Manual Integrations
APPROVED

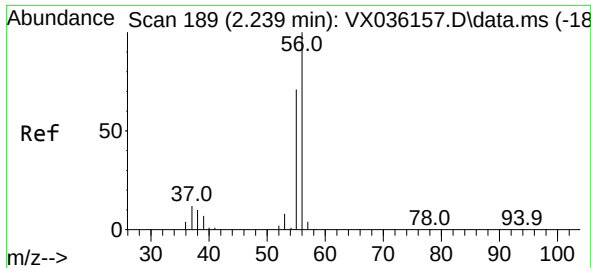
Reviewed By :John Carbone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#12
1,1-Dichloroethene
Concen: 4.847 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 96 Resp: 9402
Ion Ratio Lower Upper
96 100
61 172.3 144.6 216.8
98 62.4 50.4 75.6





#13

Acrolein

Concen: 28.305 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 15770

Ion Ratio Lower Upper

56 100

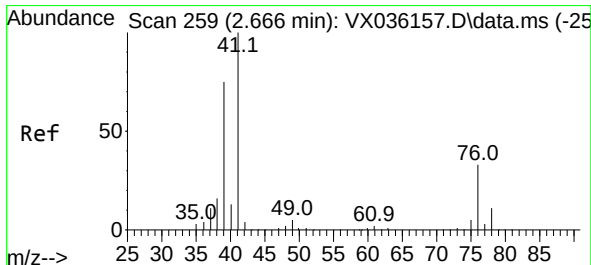
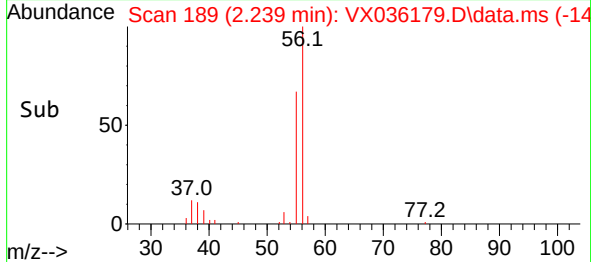
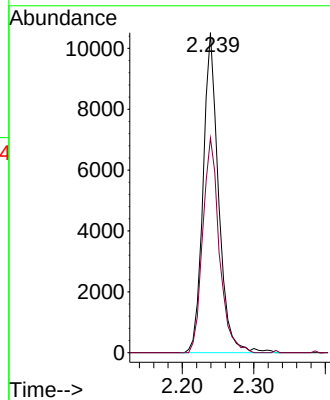
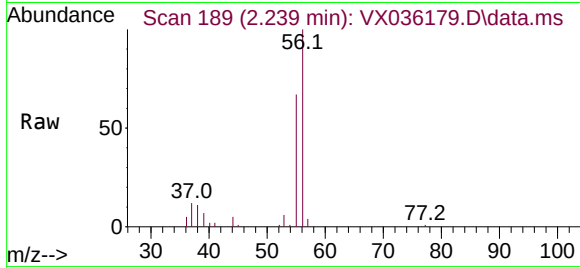
55 71.8 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#14

Allyl chloride

Concen: 4.584 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

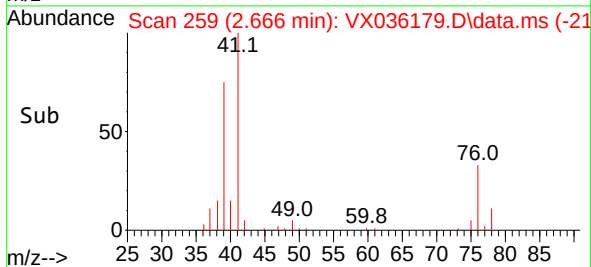
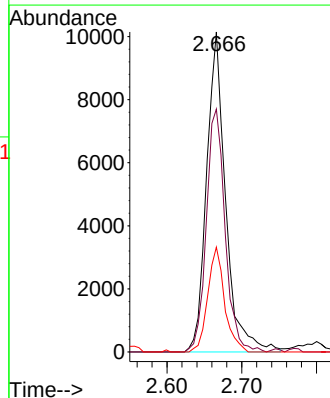
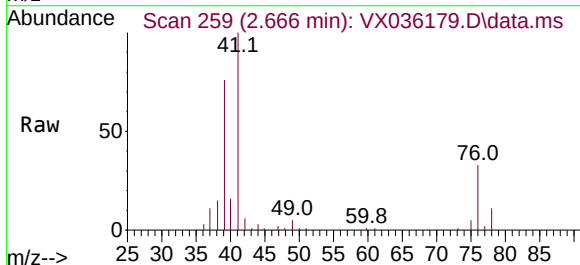
Tgt Ion: 41 Resp: 17992

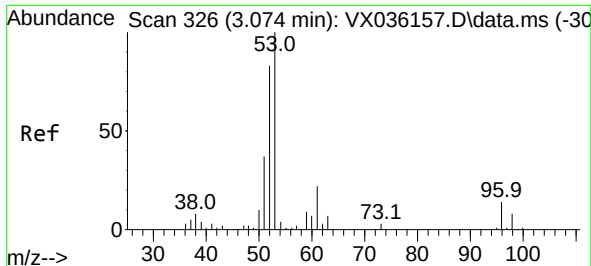
Ion Ratio Lower Upper

41 100

39 74.7 55.8 83.6

76 29.0 24.3 36.5





#15

Acrylonitrile

Concen: 25.245 ug/l

RT: 3.068 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 53 Resp: 3241

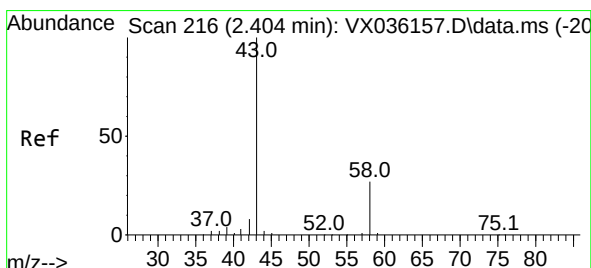
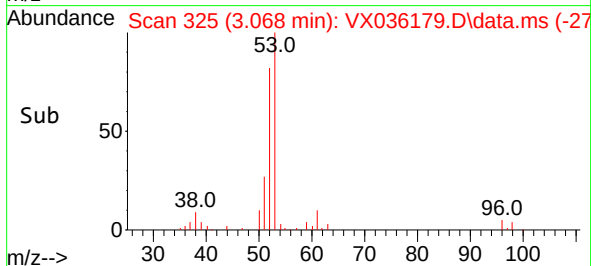
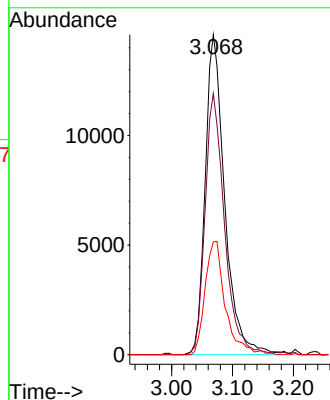
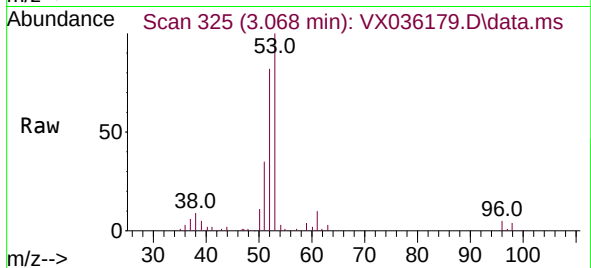
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.0	99.0
51	36.9	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#16

Acetone

Concen: 21.917 ug/l

RT: 2.386 min Scan# 213

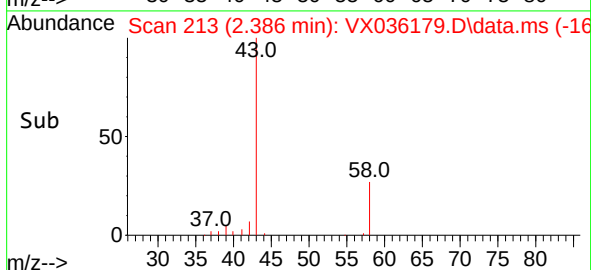
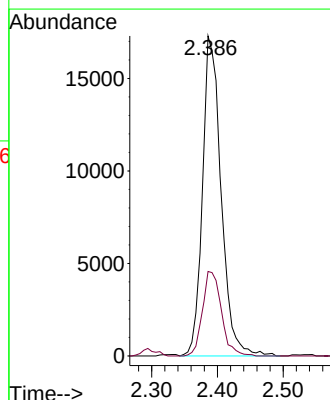
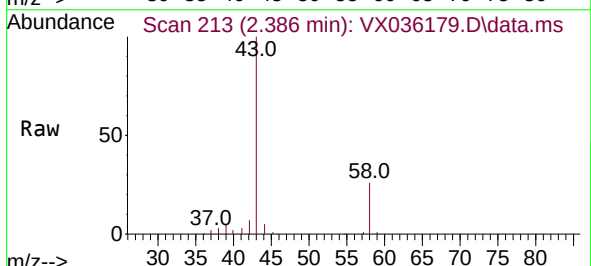
Delta R.T. -0.018 min

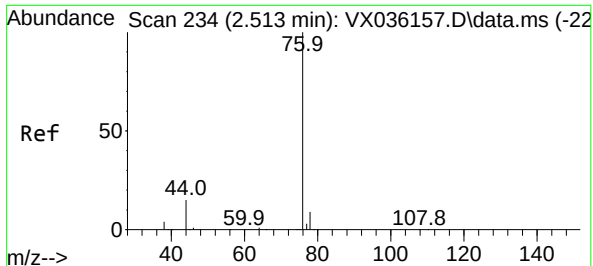
Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Tgt Ion: 43 Resp: 34115

Ion	Ratio	Lower	Upper
43	100		
58	26.4	21.9	32.9





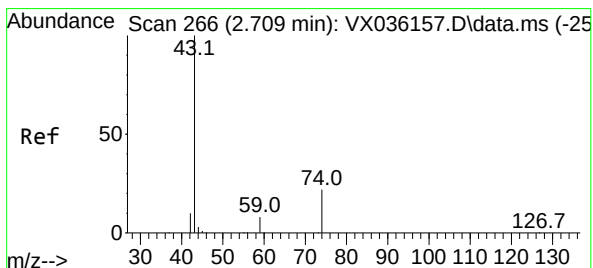
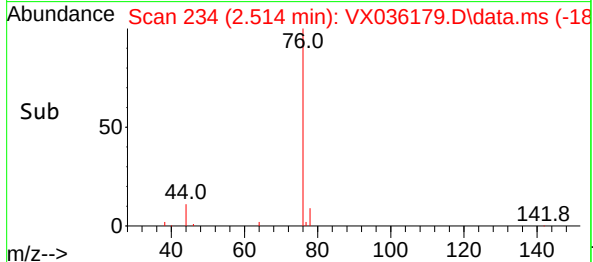
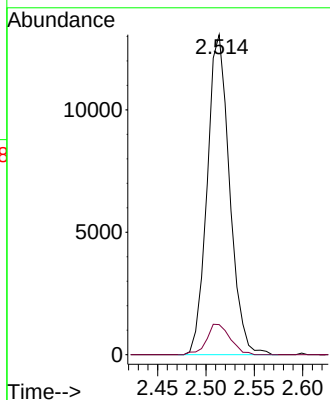
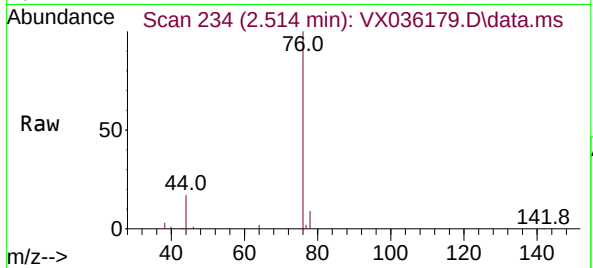
#17
Carbon Disulfide
Concen: 4.384 ug/l
RT: 2.514 min Scan# 21019
Delta R.T. 0.001 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 21019
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

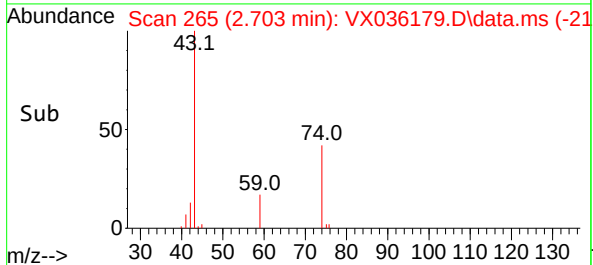
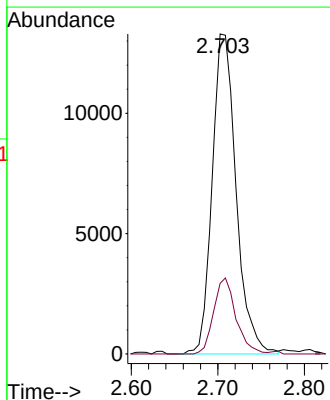
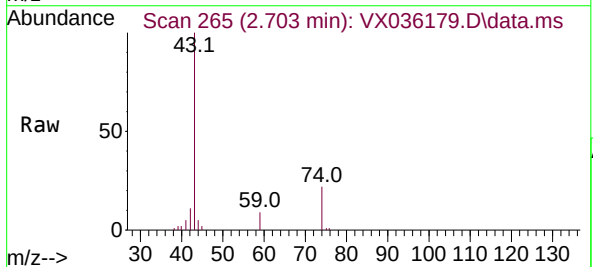
Manual Integrations
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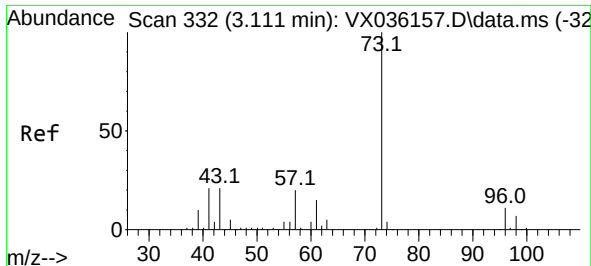
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#18
Methyl Acetate
Concen: 4.937 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 43 Resp: 25538
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8





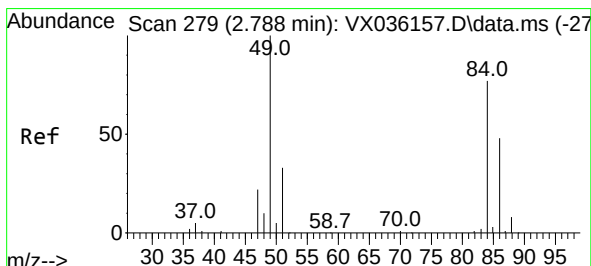
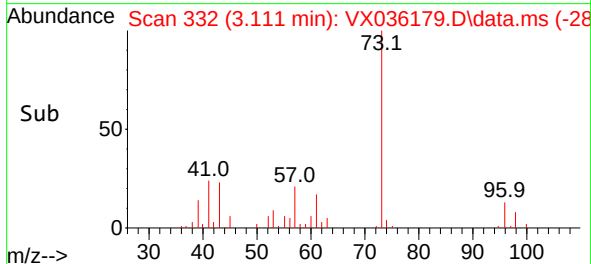
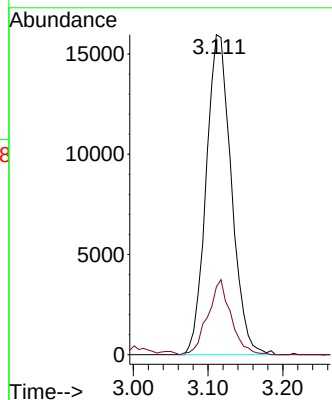
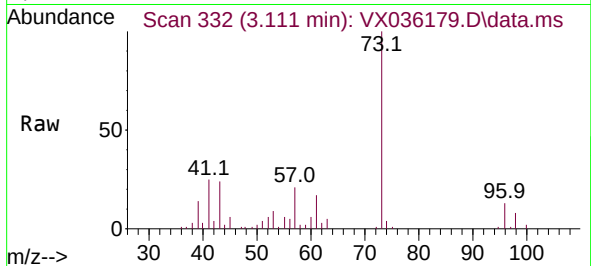
#19
Methyl tert-butyl Ether
Concen: 4.923 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 37384
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9

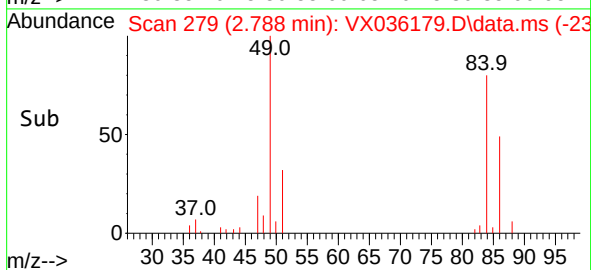
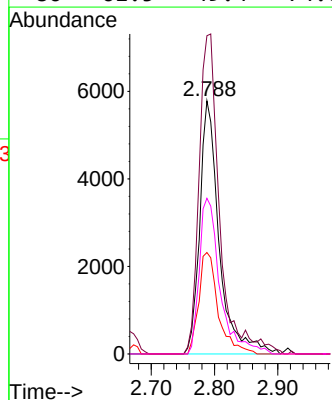
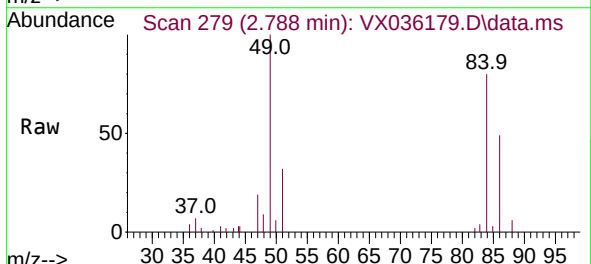
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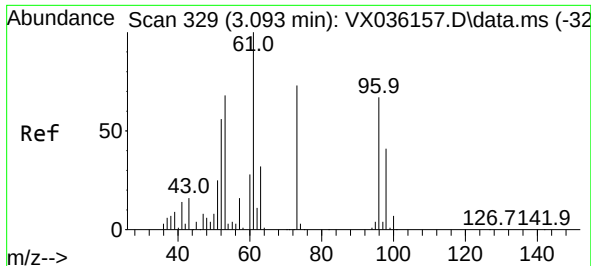
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#20
Methylene Chloride
Concen: 5.023 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 84 Resp: 12412
Ion Ratio Lower Upper
84 100
49 125.7 103.6 155.4
51 40.1 33.8 50.6
86 61.5 49.4 74.0





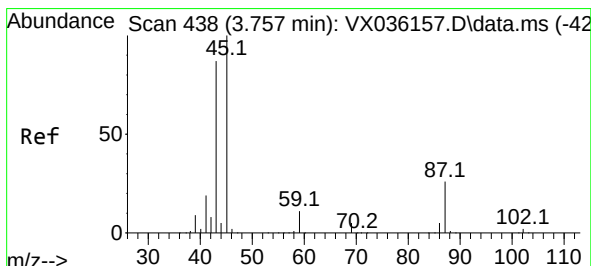
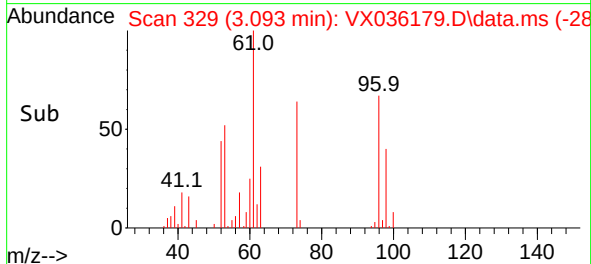
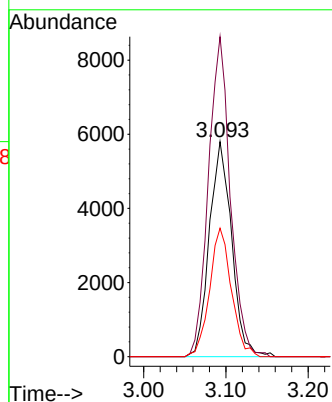
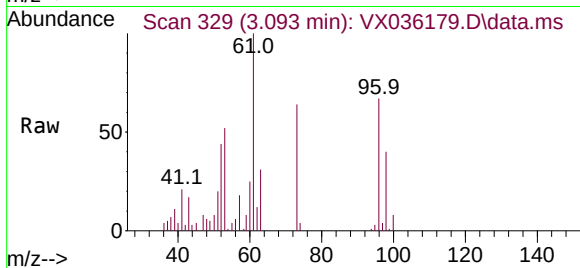
#21
trans-1,2-Dichloroethene
Concen: 5.078 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 1094
Ion Ratio Lower Upper
96 100
61 148.8 119.2 178.8
98 59.7 48.7 73.1

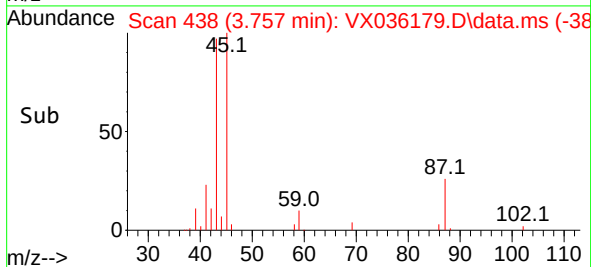
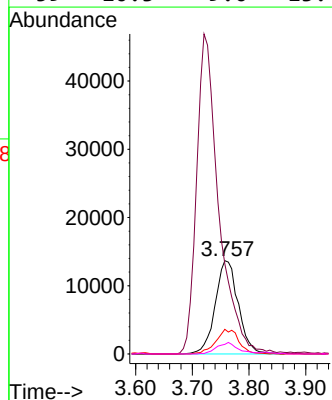
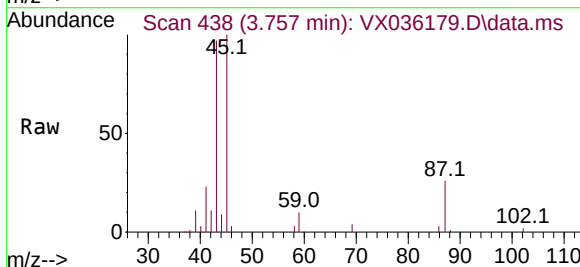
Manual Integrations
APPROVED

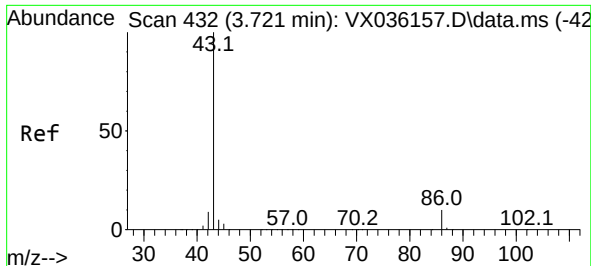
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#22
Diisopropyl ether
Concen: 4.933 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

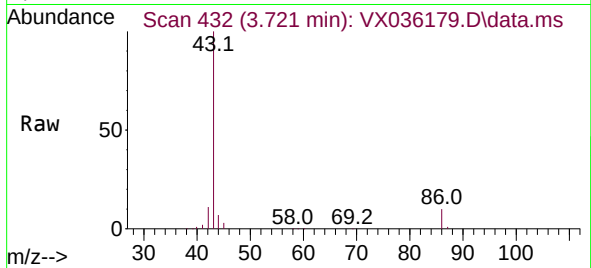
Tgt Ion: 45 Resp: 38526
Ion Ratio Lower Upper
45 100
43 95.3 69.7 104.5
87 26.4 20.8 31.2
59 10.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 23.076 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX036179.D
 Acq: 16 Jun 2023 12:50

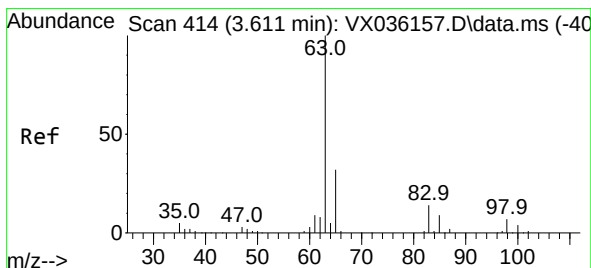
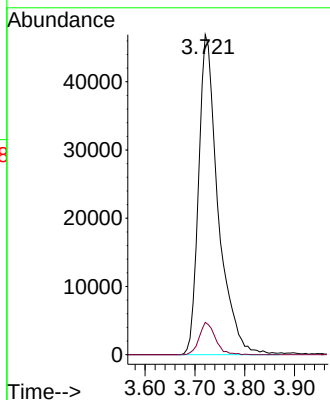
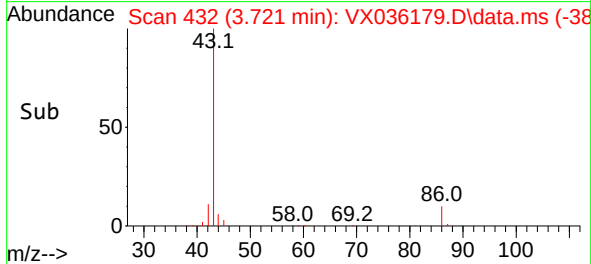
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005



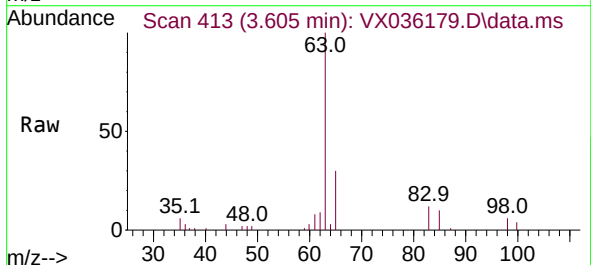
Tgt Ion: 43 Resp: 127730
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8

Manual Integrations
 APPROVED

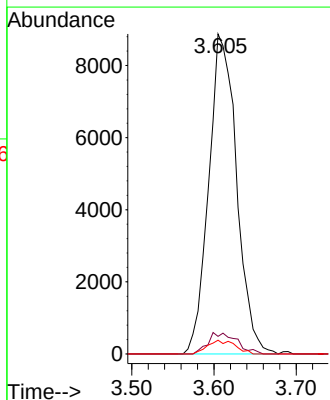
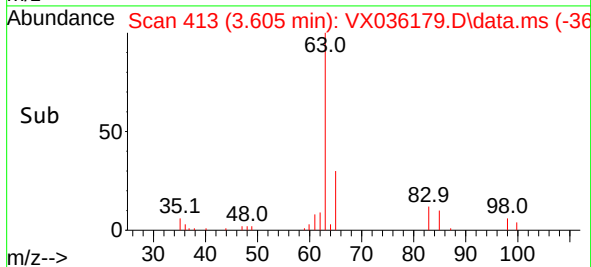
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/19/2023

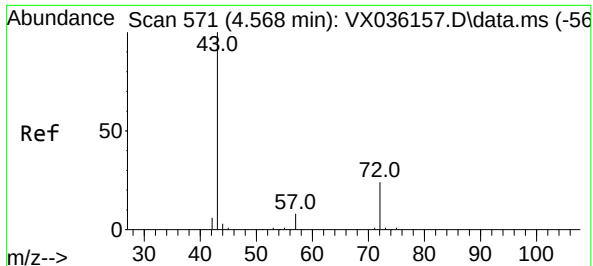


#24
 1,1-Dichloroethane
 Concen: 4.856 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036179.D
 Acq: 16 Jun 2023 12:50



Tgt Ion: 63 Resp: 20953
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.8
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 24.918 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 4757

Ion Ratio Lower Upper

43 100

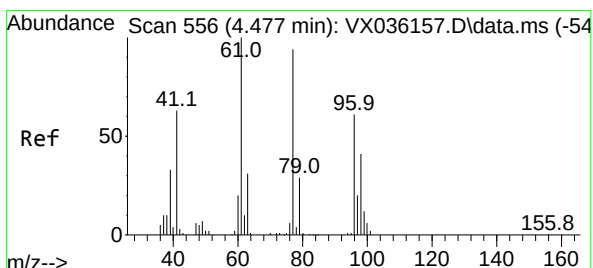
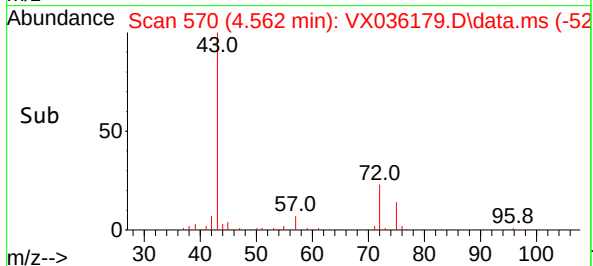
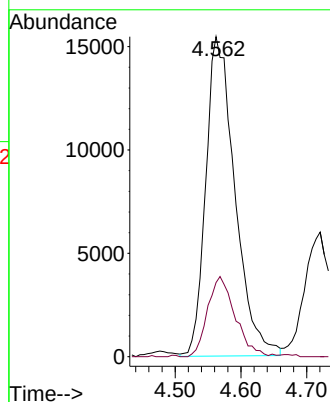
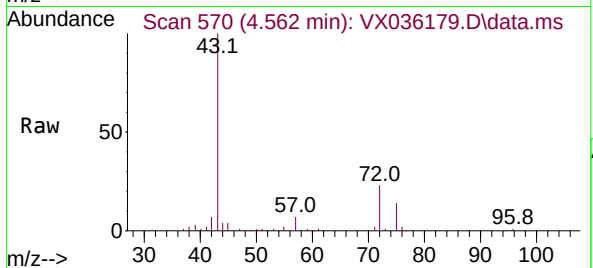
72 23.4 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#26

2,2-Dichloropropane

Concen: 4.445 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX036179.D

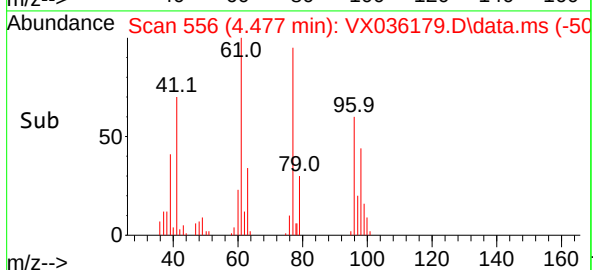
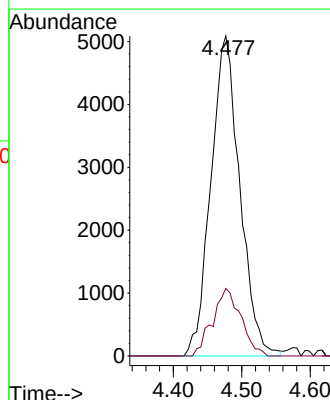
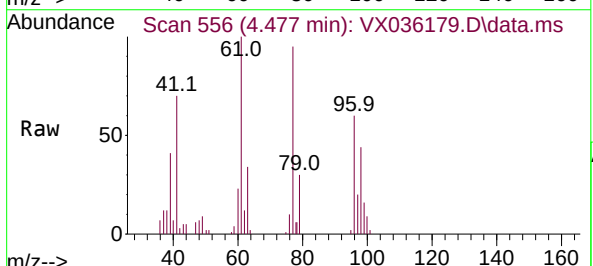
Acq: 16 Jun 2023 12:50

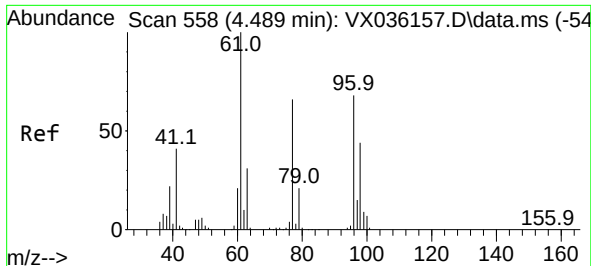
Tgt Ion: 77 Resp: 14916

Ion Ratio Lower Upper

77 100

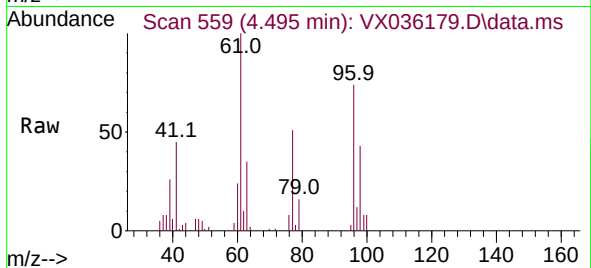
97 20.7 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 5.108 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

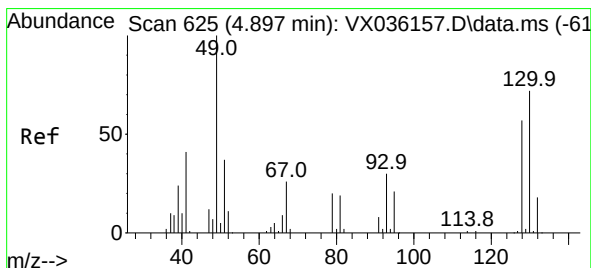
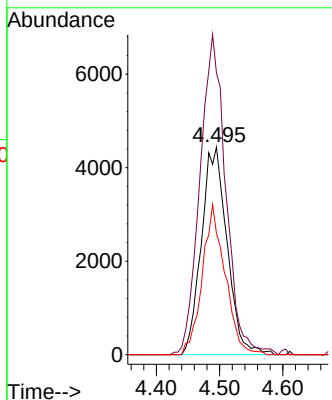
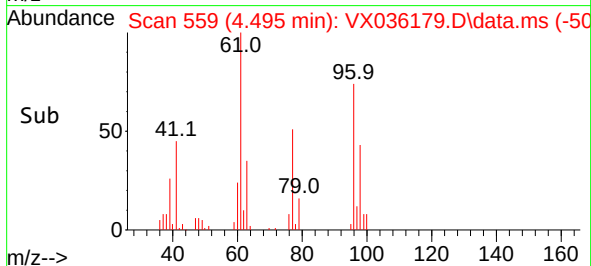
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



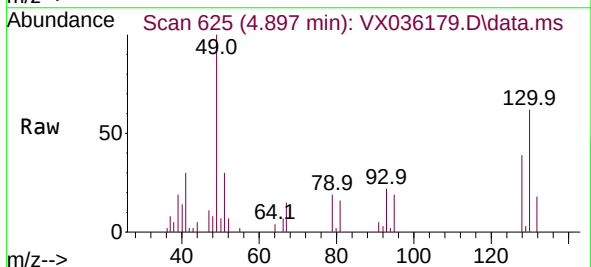
Tgt Ion: 96 Resp: 12589
Ion Ratio Lower Upper
96 100
61 154.8 0.0 312.2
98 64.1 0.0 129.0

Manual Integrations
APPROVED

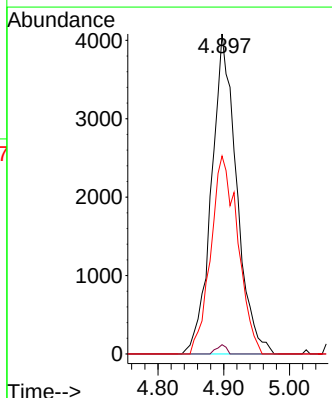
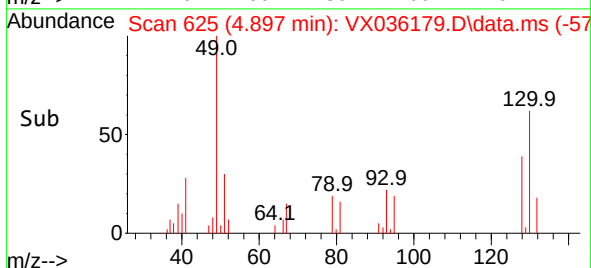
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

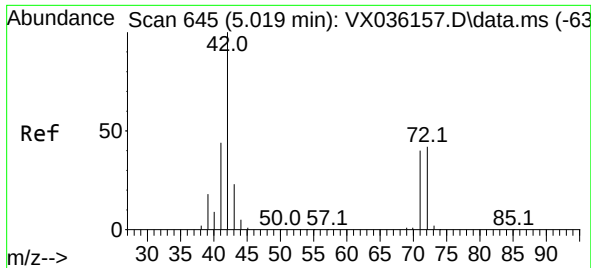


#28
Bromochloromethane
Concen: 4.828 ug/l
RT: 4.897 min Scan# 625
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50



Tgt Ion: 49 Resp: 10861
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.8
130 66.5 57.5 86.3





#29

Tetrahydrofuran

Concen: 25.199 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 42 Resp: 30558

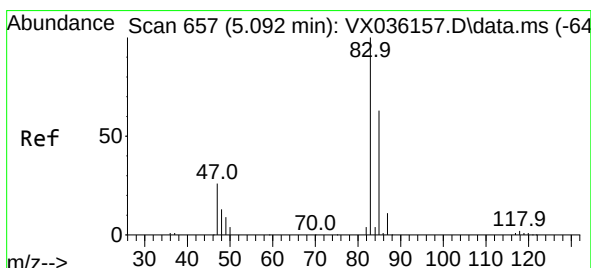
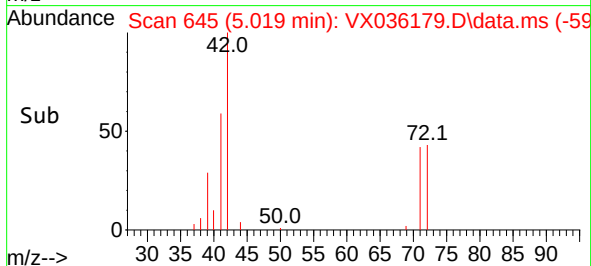
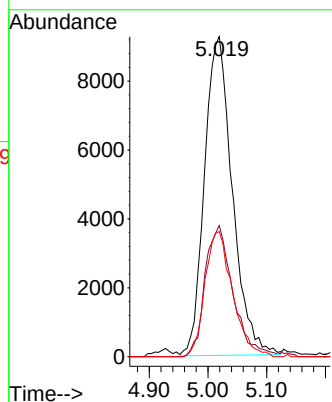
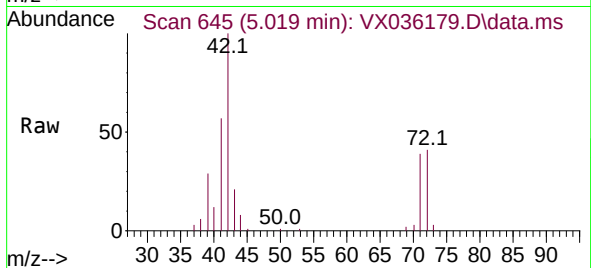
Ion	Ratio	Lower	Upper
42	100		
72	41.1	34.2	51.4
71	38.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#30

Chloroform

Concen: 5.066 ug/l

RT: 5.092 min Scan# 657

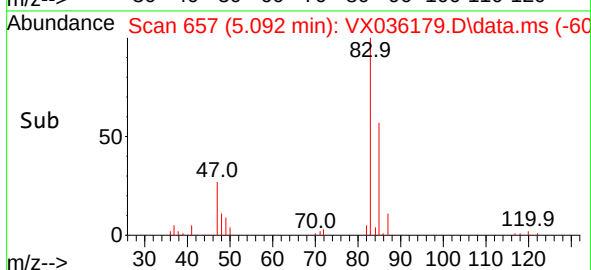
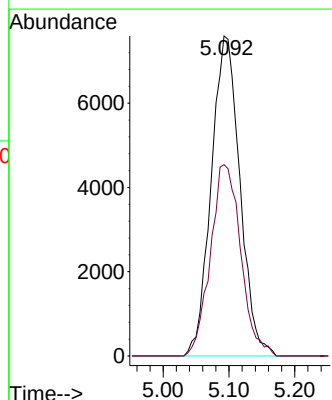
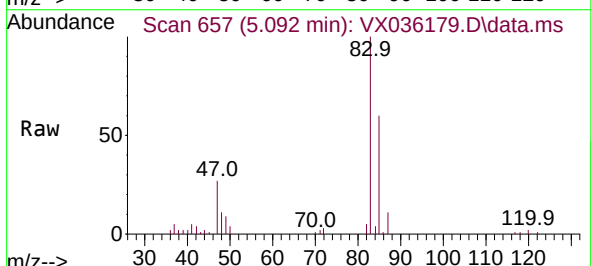
Delta R.T. 0.000 min

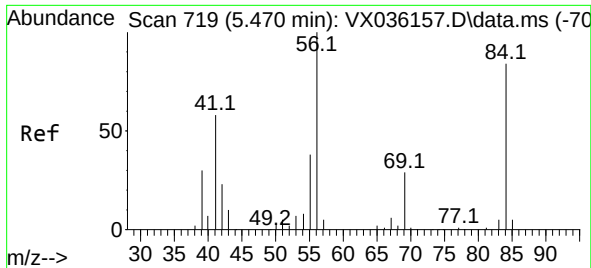
Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Tgt Ion: 83 Resp: 23022

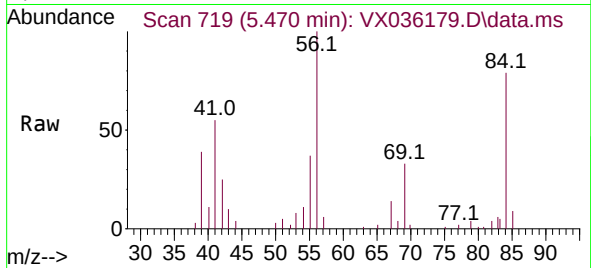
Ion	Ratio	Lower	Upper
83	100		
85	59.8	50.3	75.5





#31
Cyclohexane
Concen: 4.549 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

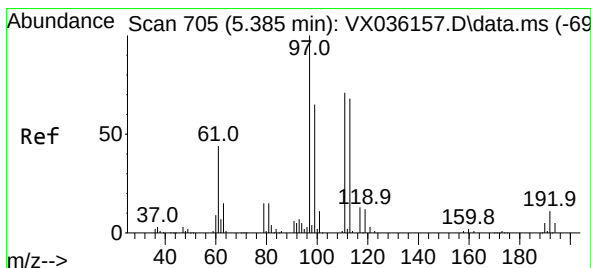
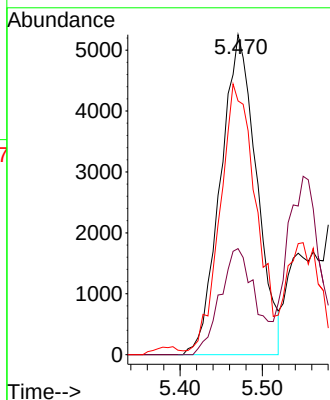
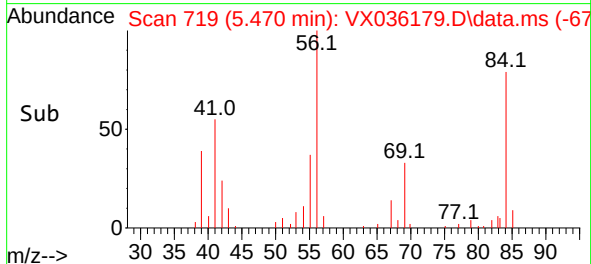
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



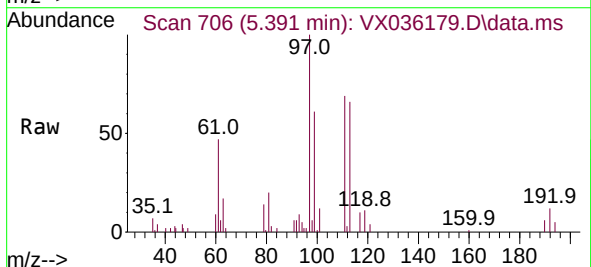
Tgt Ion: 56 Resp: 16020
Ion Ratio Lower Upper
56 100
69 33.1 23.4 35.2
84 77.9 65.9 98.9

Manual Integrations
APPROVED

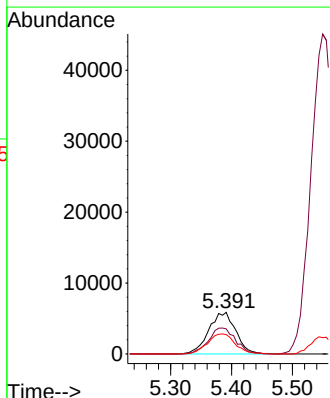
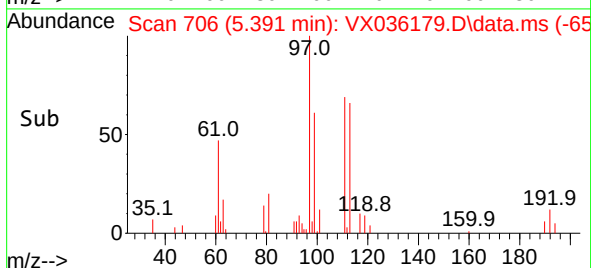
Reviewed By :John Carbone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

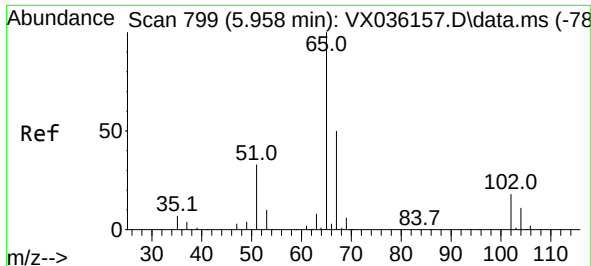


#32
1,1,1-Trichloroethane
Concen: 4.683 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50



Tgt Ion: 97 Resp: 18041
Ion Ratio Lower Upper
97 100
99 62.5 51.1 76.7
61 49.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 5.511 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1809

Ion Ratio Lower Upper

65 100

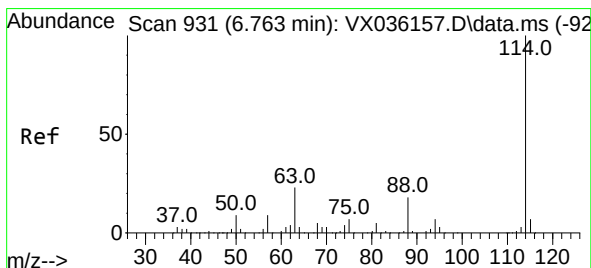
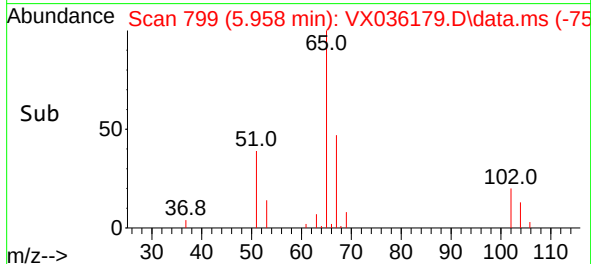
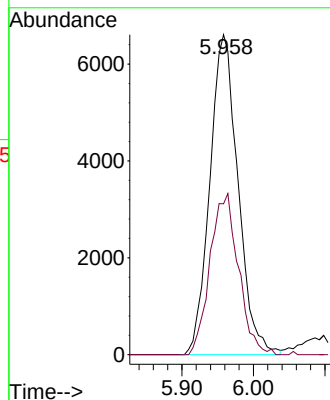
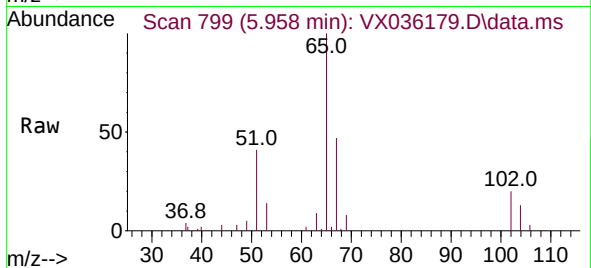
67 50.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

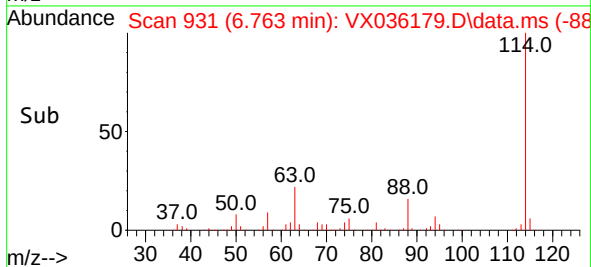
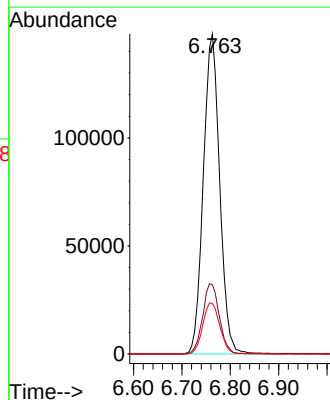
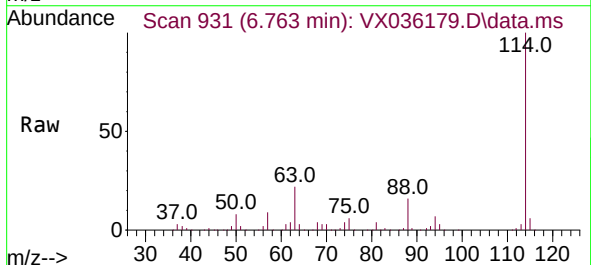
Tgt Ion:114 Resp: 347805

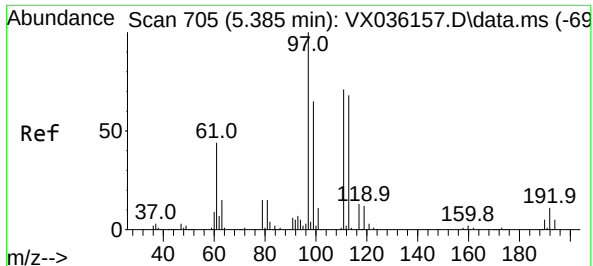
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

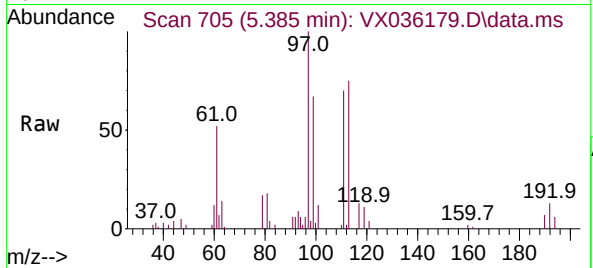
88 15.8 0.0 36.6





#35
Dibromofluoromethane
Concen: 5.124 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

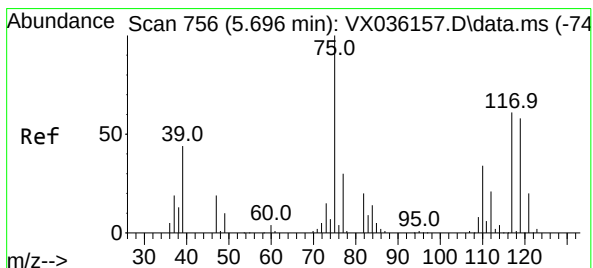
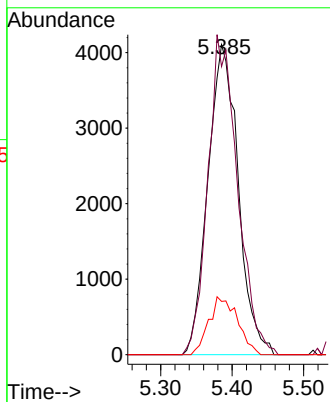
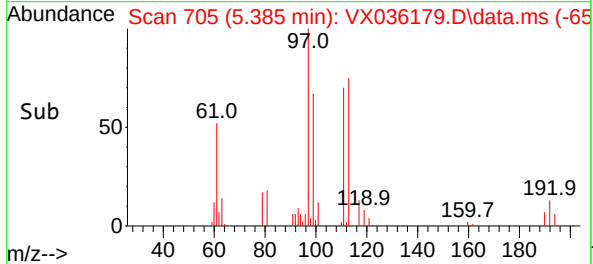
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 12084
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 17.6 13.3 19.9

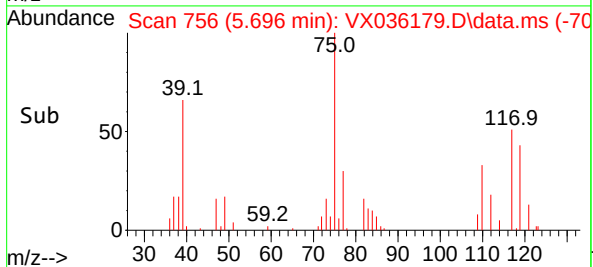
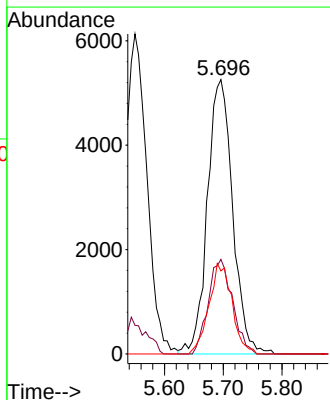
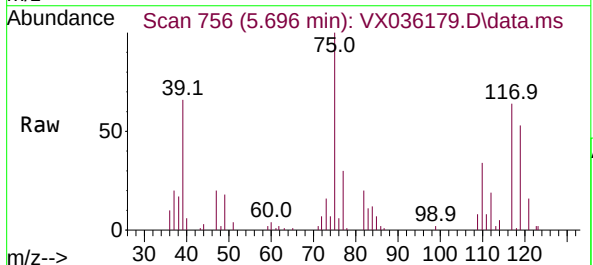
Manual Integrations
APPROVED

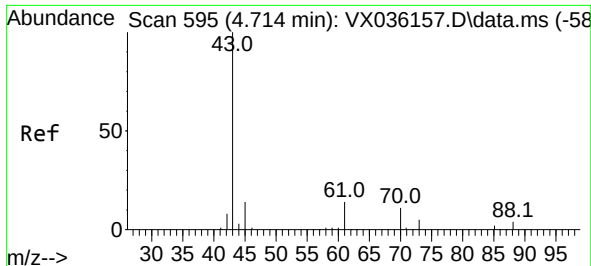
Reviewed By :John Carbone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#36
1,1-Dichloropropene
Concen: 4.520 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 75 Resp: 15702
Ion Ratio Lower Upper
75 100
110 33.0 17.0 50.9
77 30.2 24.7 37.1





#37

Ethyl Acetate

Concen: 4.589 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.007 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

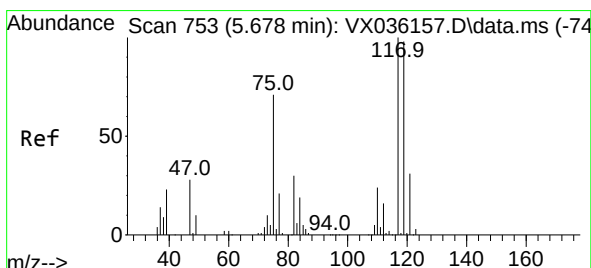
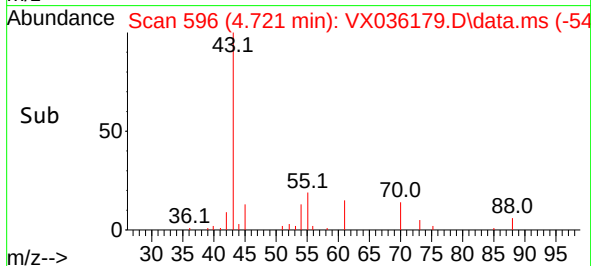
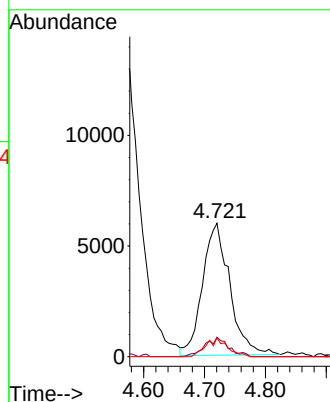
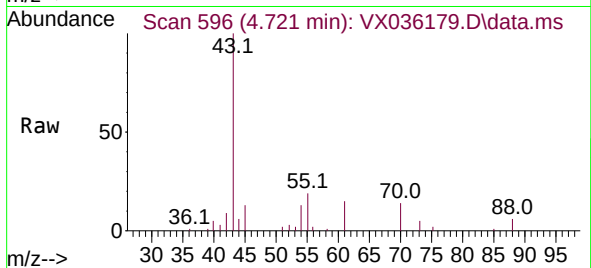
Tgt Ion: 43	Resp: 18574
Ion Ratio	Lower Upper
43 100	
61 12.8	10.6 16.0
70 11.0	8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#38

Carbon Tetrachloride

Concen: 4.204 ug/l

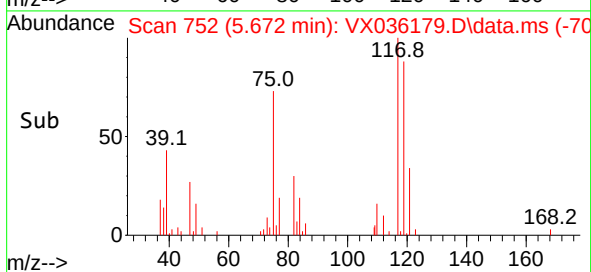
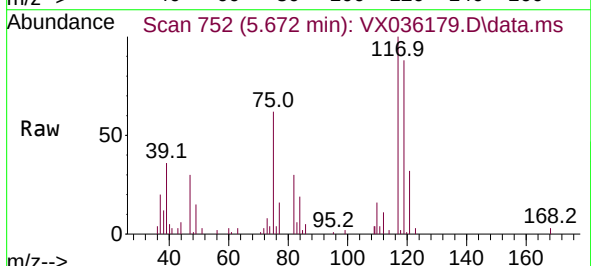
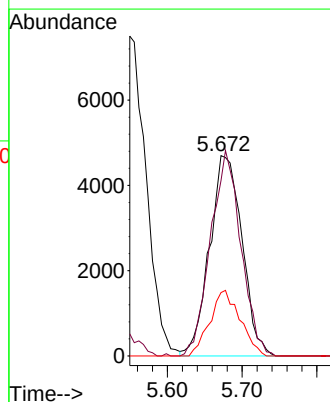
RT: 5.672 min Scan# 752

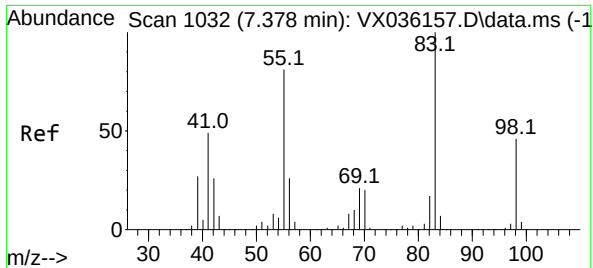
Delta R.T. -0.006 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Tgt Ion:117	Resp: 14198
Ion Ratio	Lower Upper
117 100	
119 87.6	78.2 117.2
121 31.7	24.4 36.6





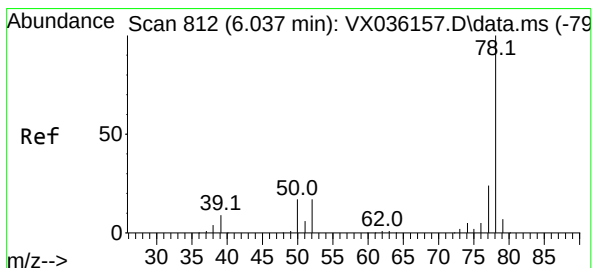
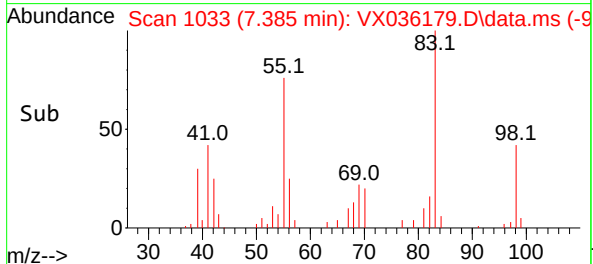
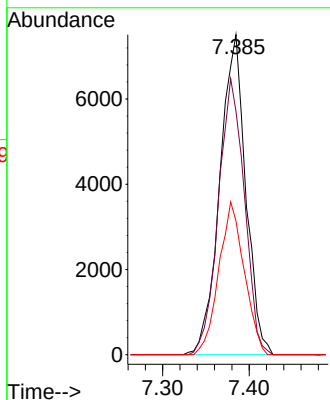
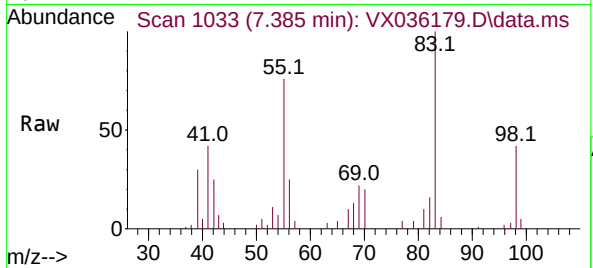
#39
Methylcyclohexane
Concen: 4.177 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 15628
Ion Ratio Lower Upper
83 100
55 76.1 64.6 97.0
98 41.8 36.7 55.1

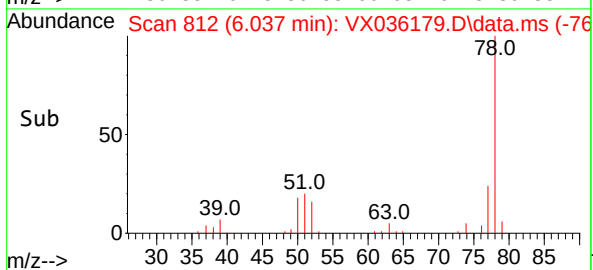
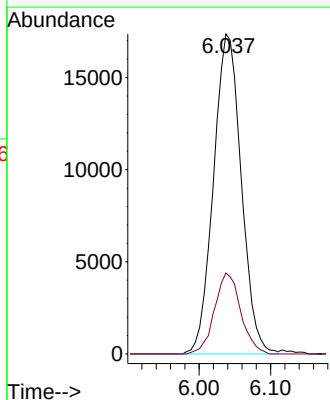
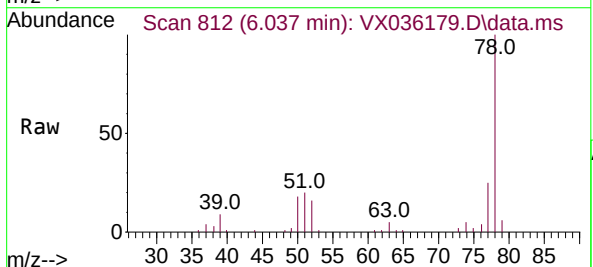
Manual Integrations
APPROVED

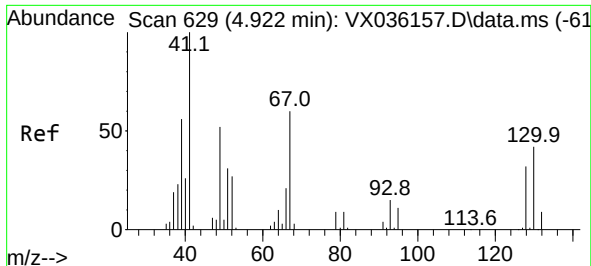
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#40
Benzene
Concen: 4.797 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 78 Resp: 46862
Ion Ratio Lower Upper
78 100
77 25.3 19.3 28.9





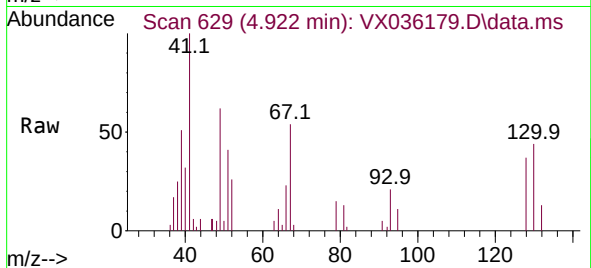
#41
Methacrylonitrile
Concen: 4.361 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005



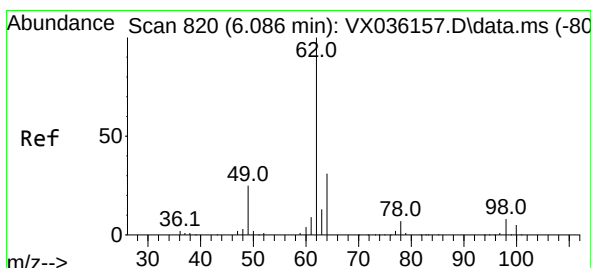
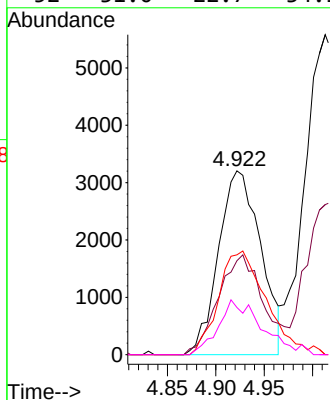
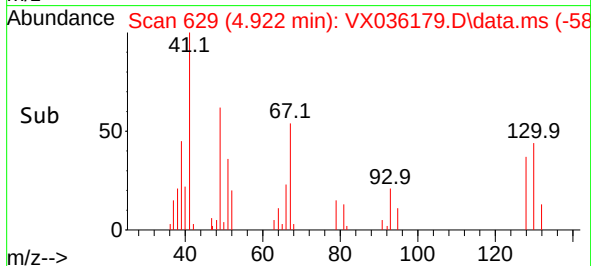
Tgt Ion: 41 Resp: 973
Ion Ratio Lower Upper
41 100
39 59.4 45.2 67.8
67 63.8 52.6 78.8
52 31.0 22.7 34.1

Manual Integrations

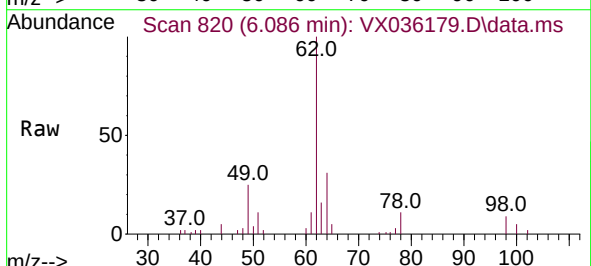
APPROVED

Reviewed By :John Carlone 06/16/2023

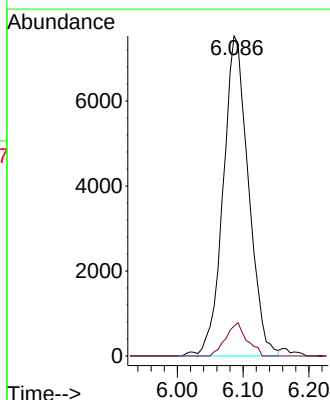
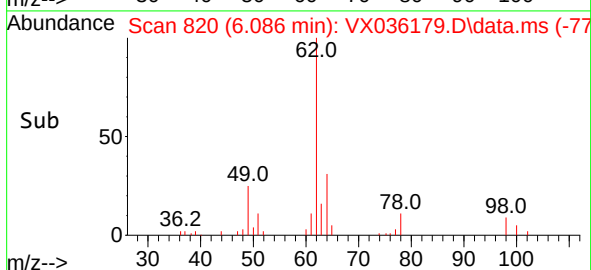
Supervised By :Mahesh Dadoda 06/19/2023

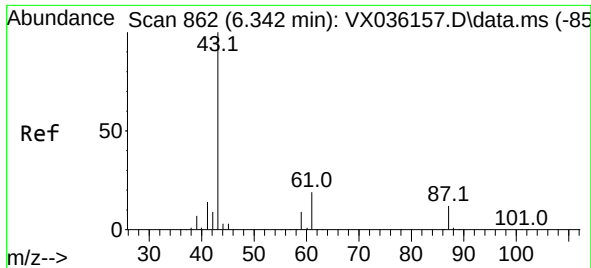


#42
1,2-Dichloroethane
Concen: 4.582 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50



Tgt Ion: 62 Resp: 20165
Ion Ratio Lower Upper
62 100
98 8.6 0.0 16.0





#43

Isopropyl Acetate

Concen: 4.367 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

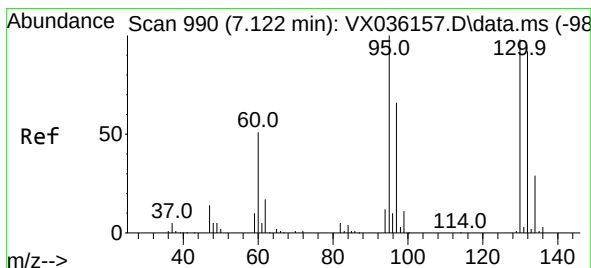
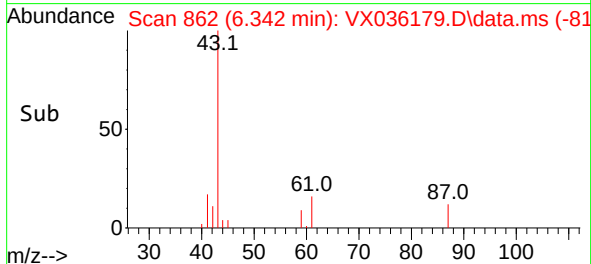
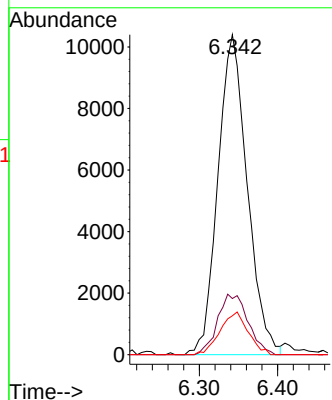
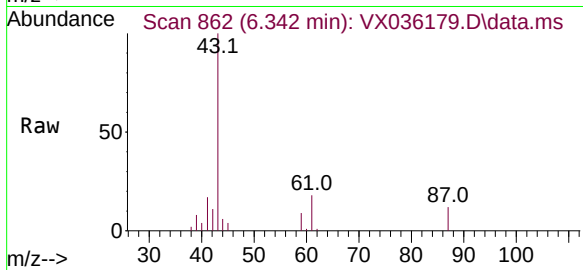
Tgt Ion:	43	Resp:	2705
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.2	22.8
87	12.7	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#44

Trichloroethene

Concen: 4.753 ug/l

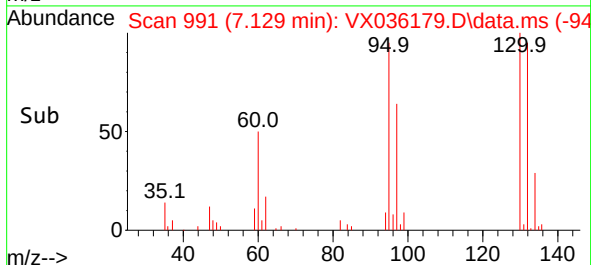
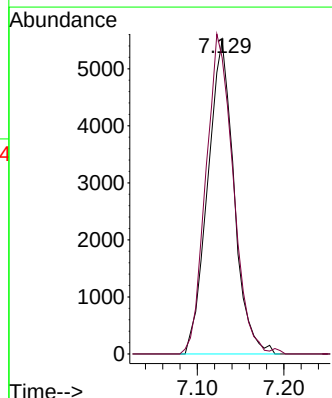
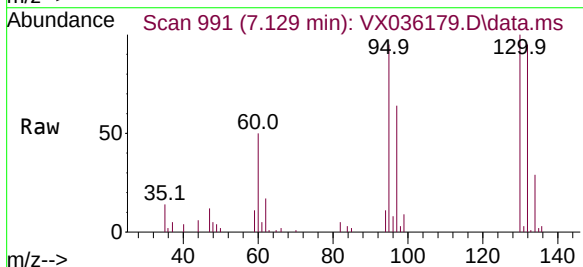
RT: 7.129 min Scan# 991

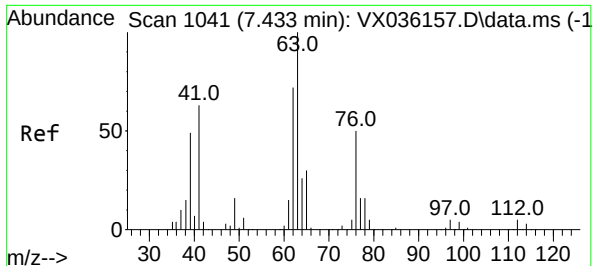
Delta R.T. 0.007 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Tgt Ion:	130	Resp:	11603
Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	204.4





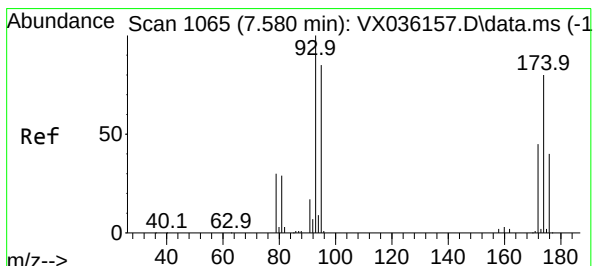
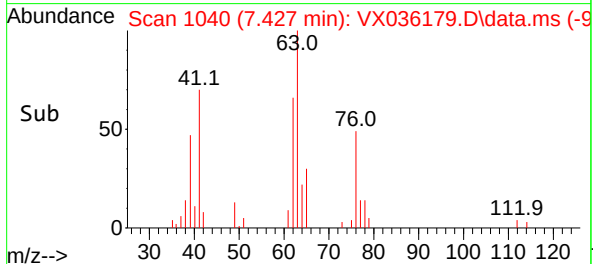
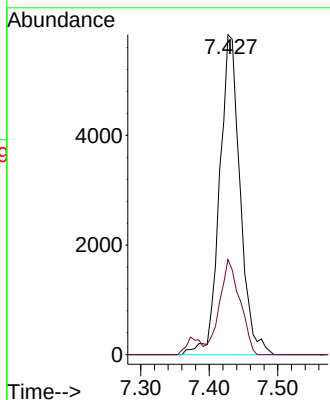
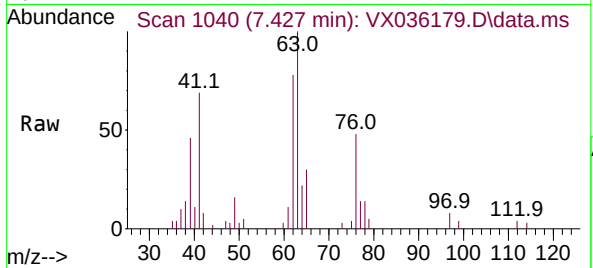
#45
1,2-Dichloropropane
Concen: 4.668 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 63 Resp: 12120
Ion Ratio Lower Upper
63 100
65 29.7 24.3 36.5

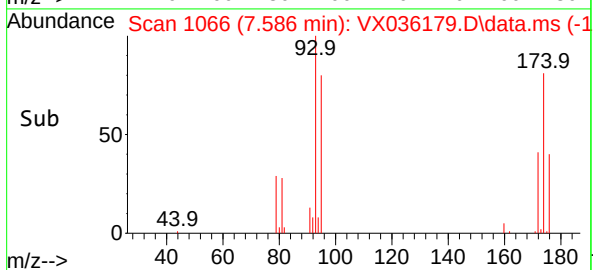
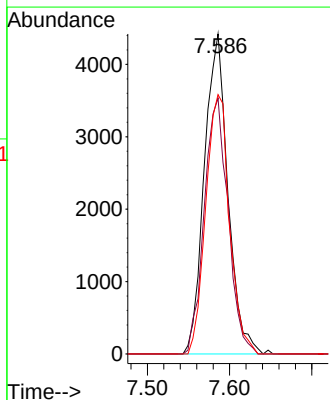
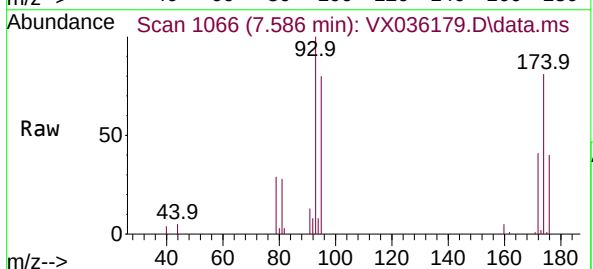
Manual Integrations
APPROVED

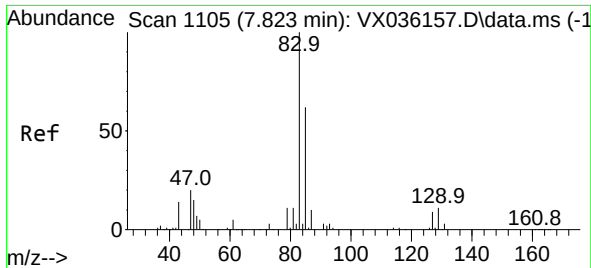
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#46
Dibromomethane
Concen: 4.767 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 93 Resp: 8820
Ion Ratio Lower Upper
93 100
95 80.9 66.6 100.0
174 81.5 69.4 104.0





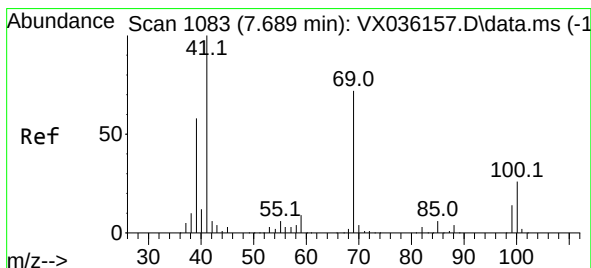
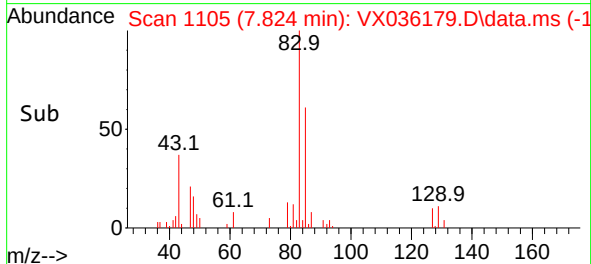
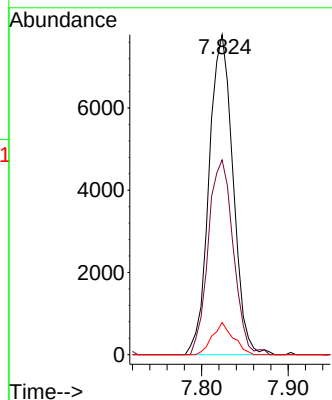
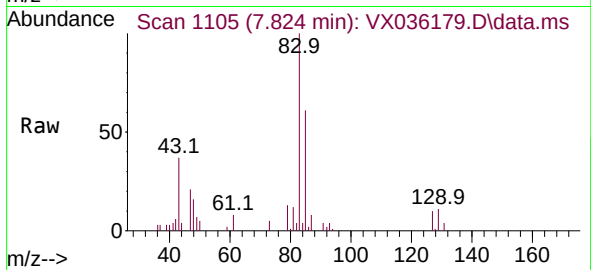
#47
Bromodichloromethane
Concen: 4.212 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 14962
Ion Ratio Lower Upper
83 100
85 60.9 49.8 74.6
127 10.0 7.1 10.7

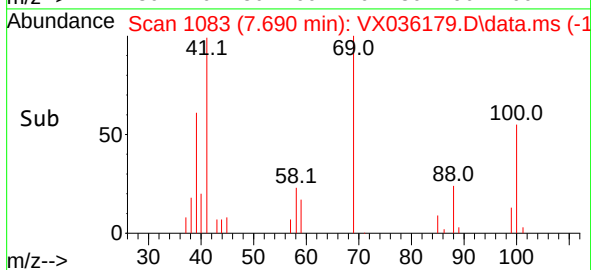
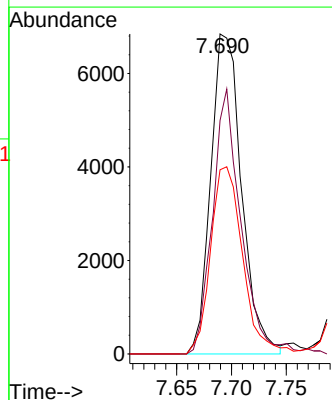
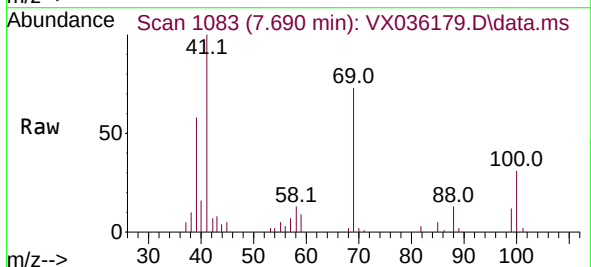
Manual Integrations
APPROVED

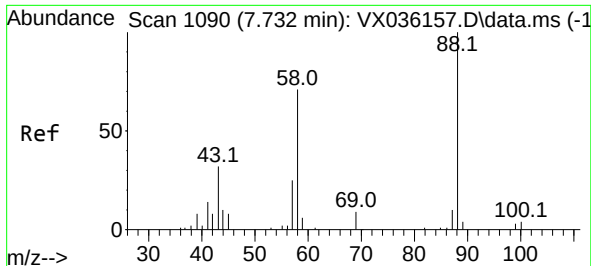
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#48
Methyl methacrylate
Concen: 4.219 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 41 Resp: 13410
Ion Ratio Lower Upper
41 100
69 76.2 59.2 88.8
39 60.6 47.7 71.5





#49

1,4-Dioxane

Concen: 83.985 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.030 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

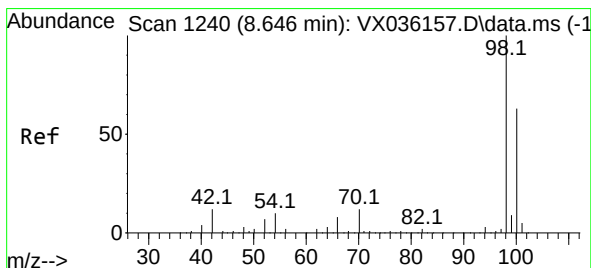
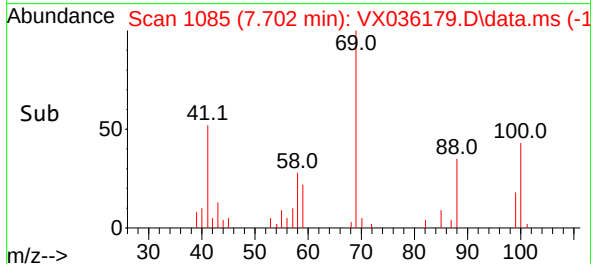
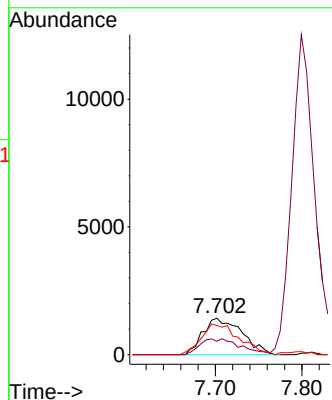
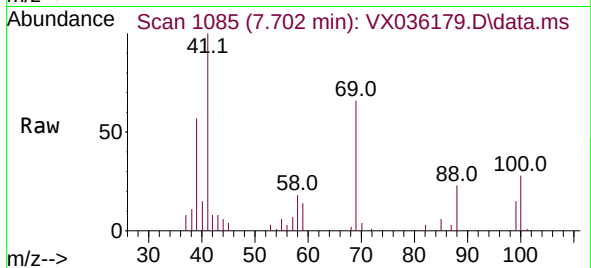
Tgt Ion:	88	Resp:	4469
Ion	Ratio	Lower	Upper
88	100		
43	44.5	0.0	0.0
58	81.3	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#50

Toluene-d8

Concen: 5.353 ug/l

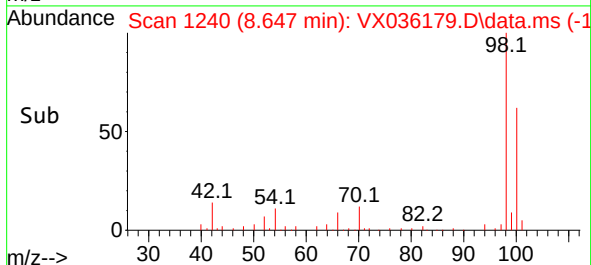
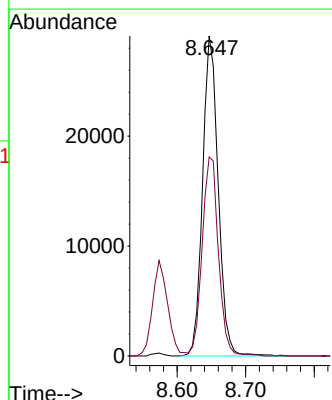
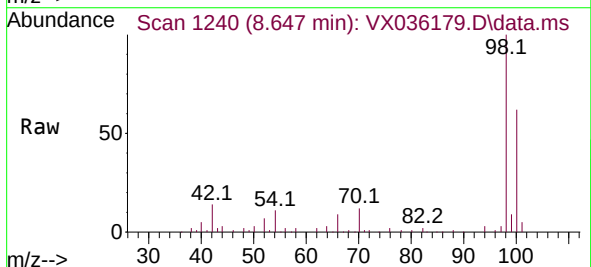
RT: 8.647 min Scan# 1240

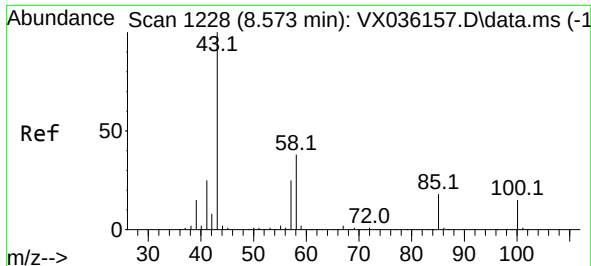
Delta R.T. 0.001 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Tgt Ion:	98	Resp:	46180
Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 23.811 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 43 Resp: 93134

Ion Ratio Lower Upper

43 100

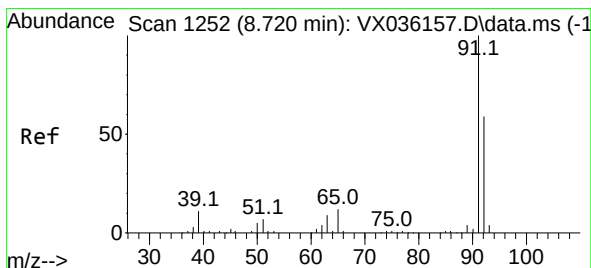
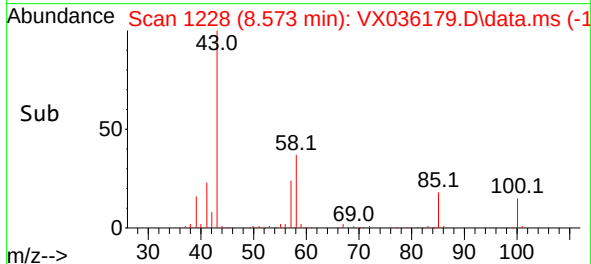
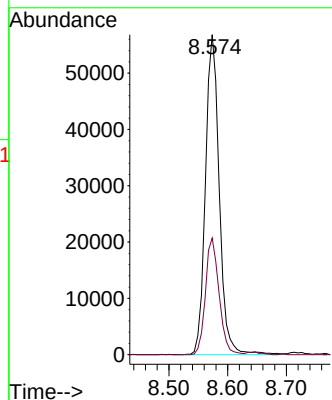
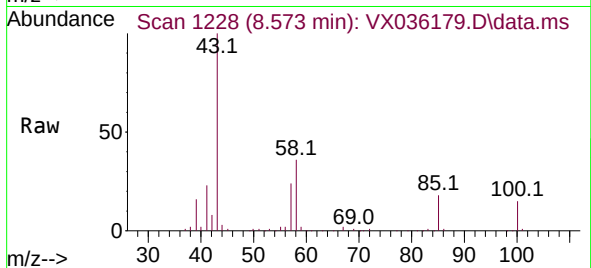
58 35.8 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#52

Toluene

Concen: 4.734 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX036179.D

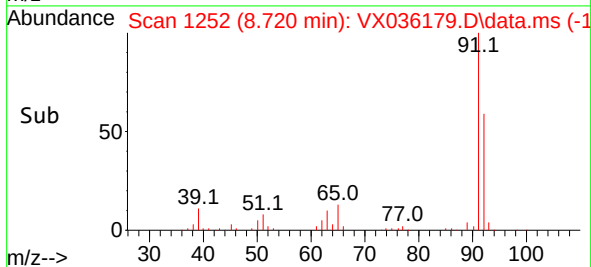
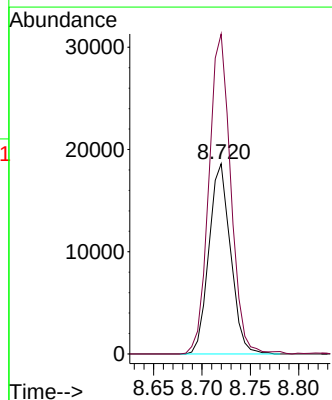
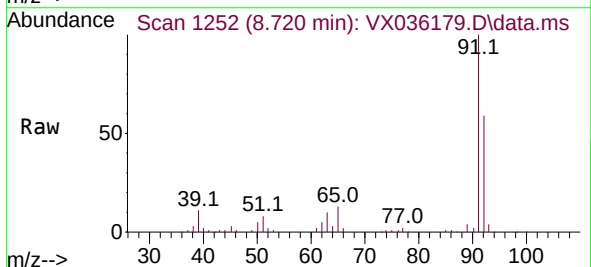
Acq: 16 Jun 2023 12:50

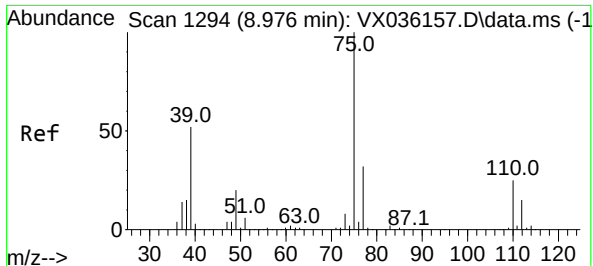
Tgt Ion: 92 Resp: 28957

Ion Ratio Lower Upper

92 100

91 170.2 134.2 201.2





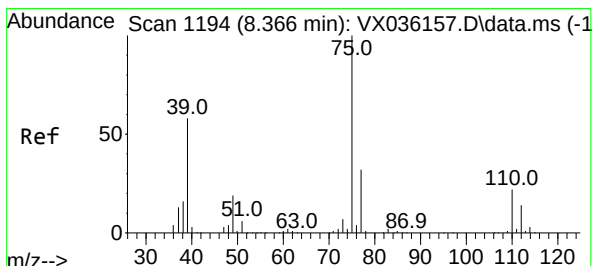
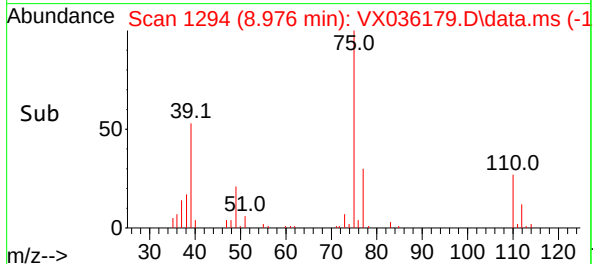
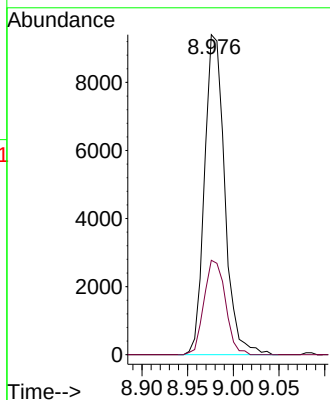
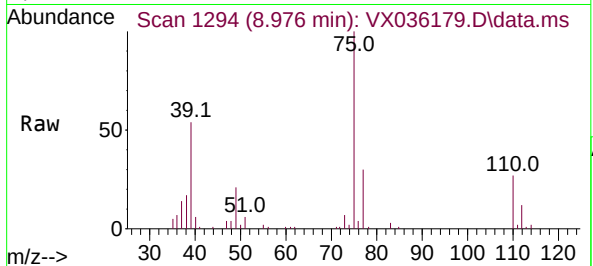
#53
t-1,3-Dichloropropene
Concen: 5.655 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 1443
Ion Ratio Lower Upper
75 100
77 29.5 25.7 38.5

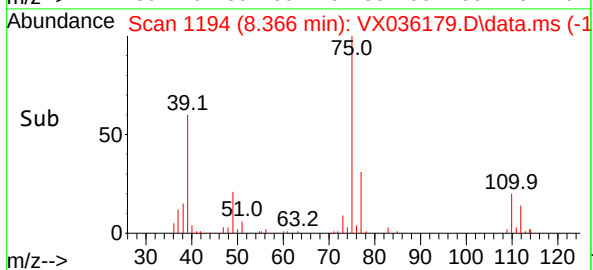
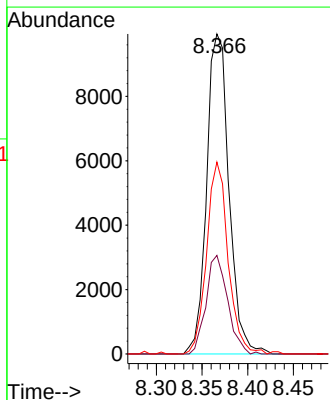
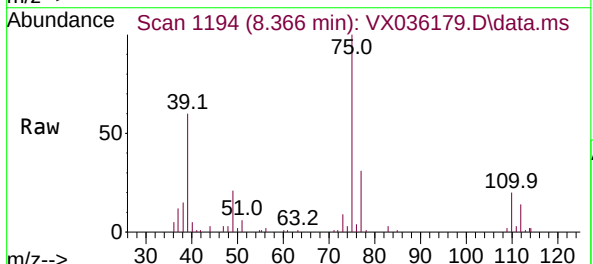
Manual Integrations
APPROVED

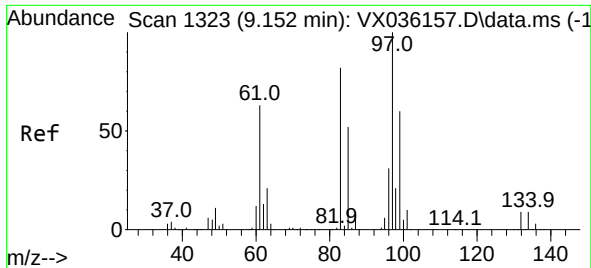
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#54
cis-1,3-Dichloropropene
Concen: 5.298 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 75 Resp: 16861
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 60.0 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 4.782 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

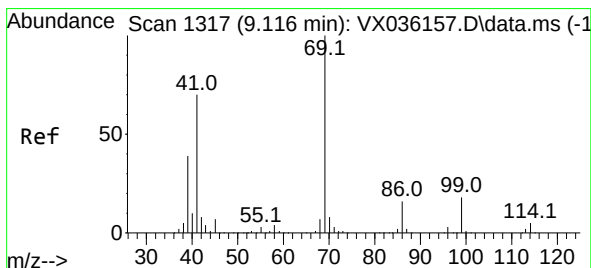
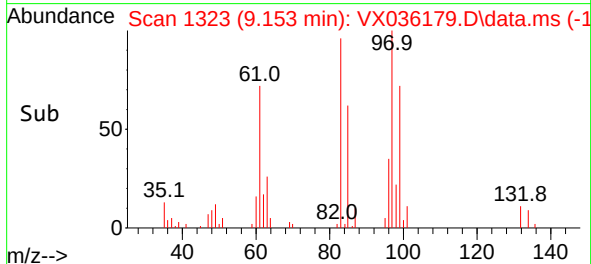
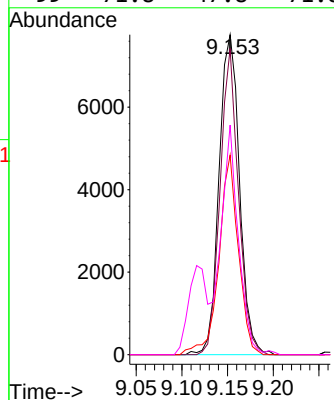
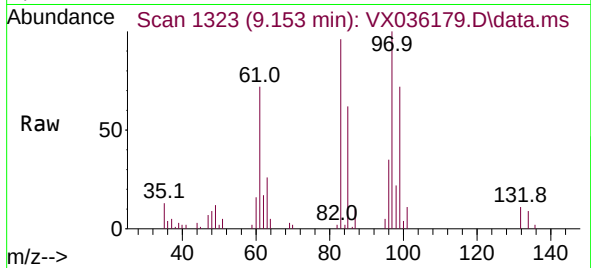
Tgt Ion: 97 Resp: 12070
Ion Ratio Lower Upper
97 100
83 95.7 65.8 98.8
85 62.4 41.6 62.4
99 71.8 47.8 71.8#

Manual Integrations

APPROVED

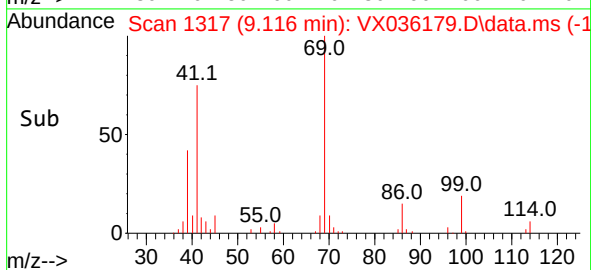
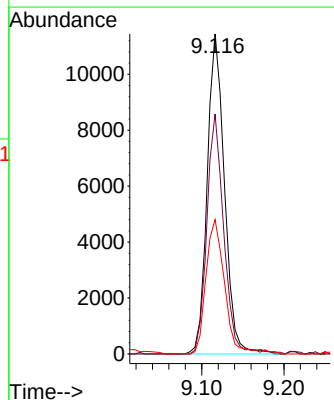
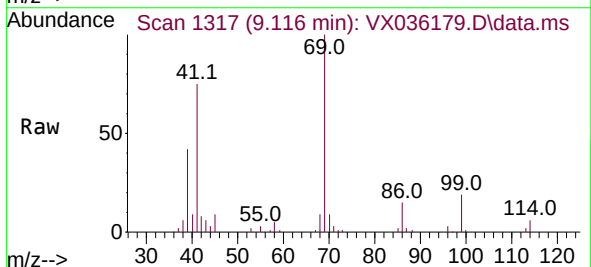
Reviewed By :John Carlone 06/16/2023

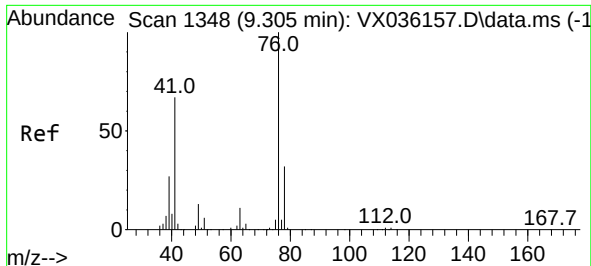
Supervised By :Mahesh Dadoda 06/19/2023



#56
Ethyl methacrylate
Concen: 5.666 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

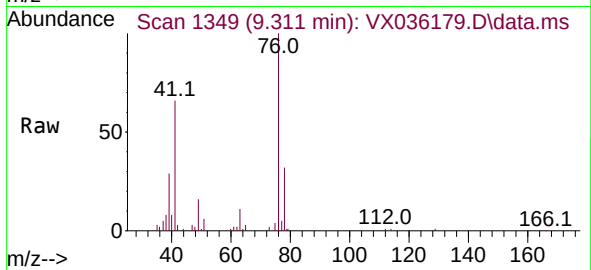
Tgt Ion: 69 Resp: 16668
Ion Ratio Lower Upper
69 100
41 74.0 56.8 85.2
39 45.7 32.0 48.0





#57
1,3-Dichloropropane
Concen: 4.696 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. 0.006 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

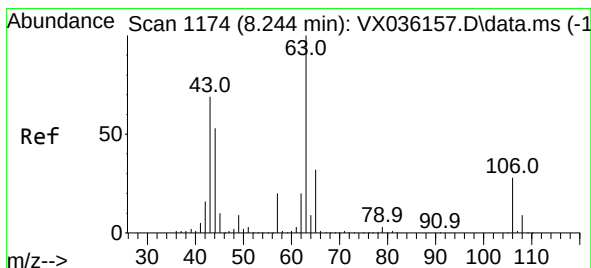
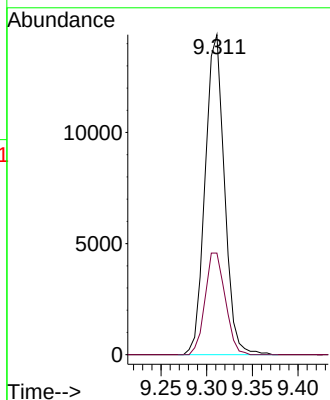
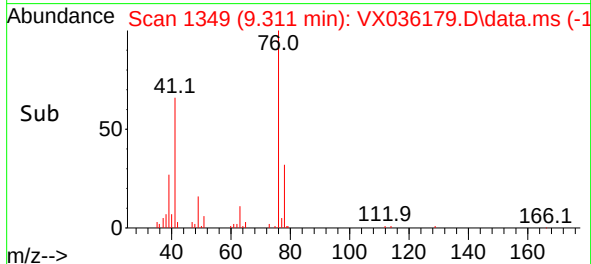
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



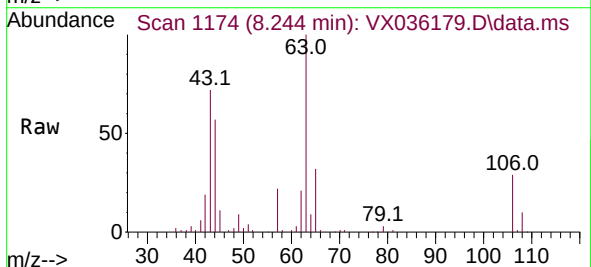
Tgt Ion: 76 Resp: 2109
Ion Ratio Lower Upper
76 100
78 33.2 26.1 39.1

Manual Integrations
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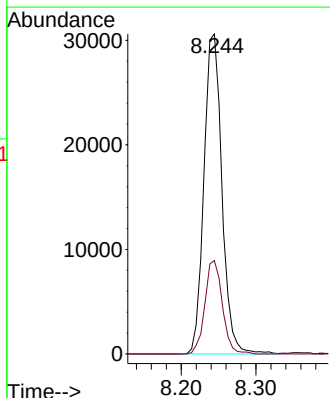
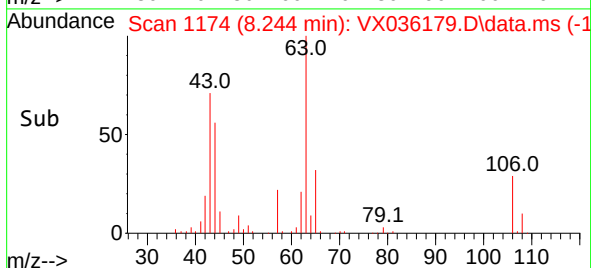
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

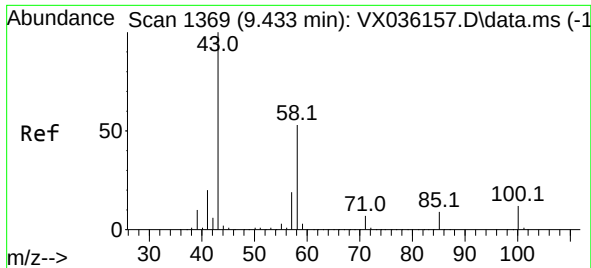


#58
2-Chloroethyl Vinyl ether
Concen: 24.341 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50



Tgt Ion: 63 Resp: 51177
Ion Ratio Lower Upper
63 100
106 28.3 22.5 33.7





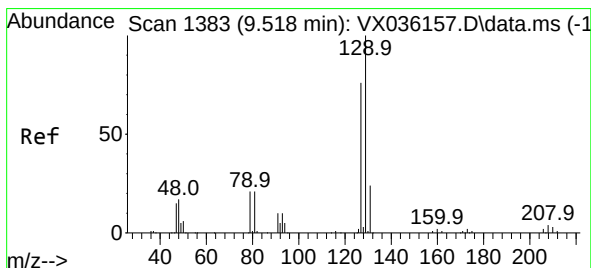
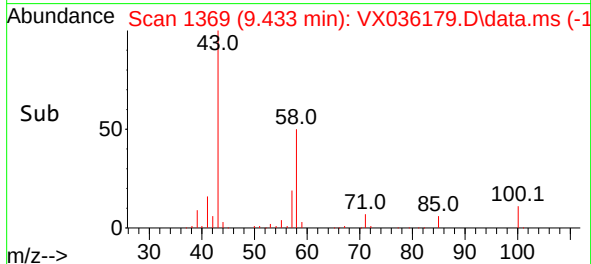
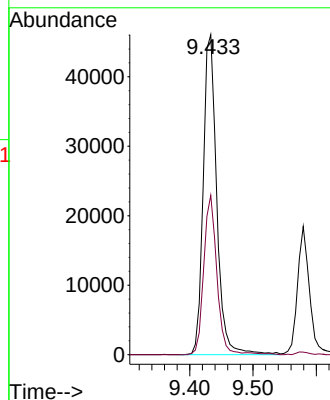
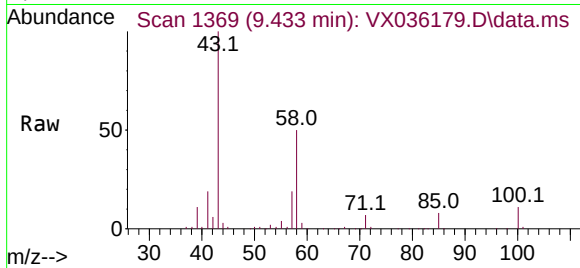
#59
2-Hexanone
Concen: 23.611 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 68658
Ion Ratio Lower Upper
43 100
58 48.6 26.2 78.5

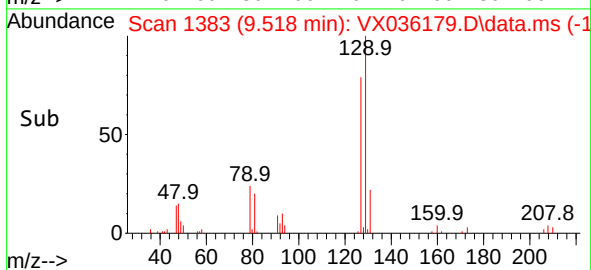
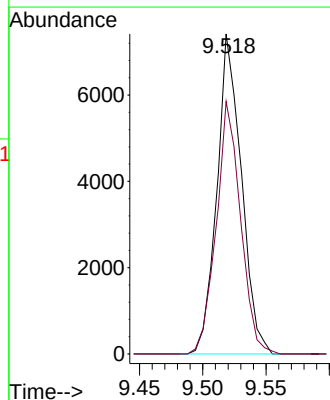
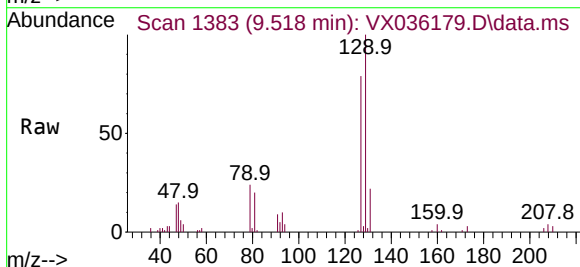
Manual Integrations
APPROVED

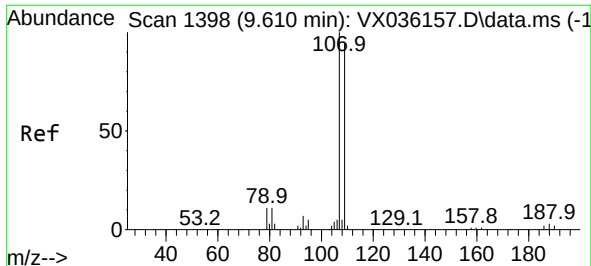
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#60
Dibromochloromethane
Concen: 4.032 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

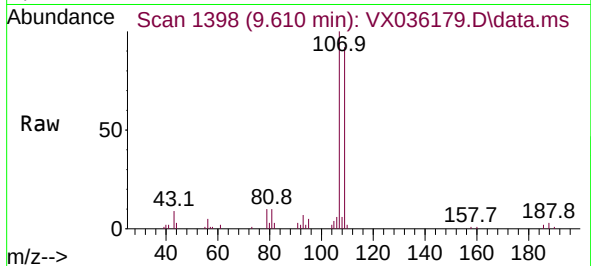
Tgt Ion:129 Resp: 9938
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.651 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

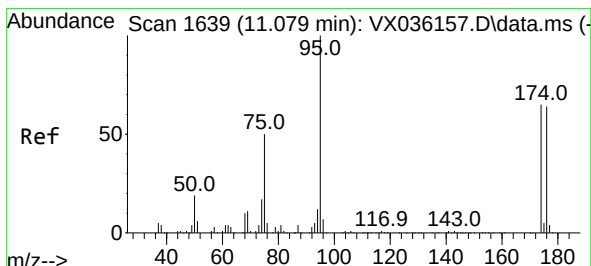
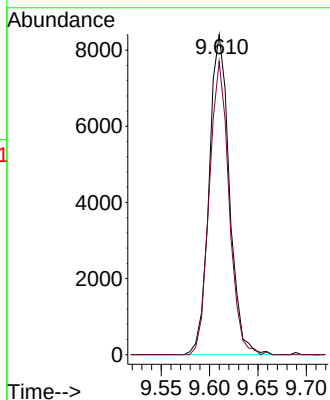
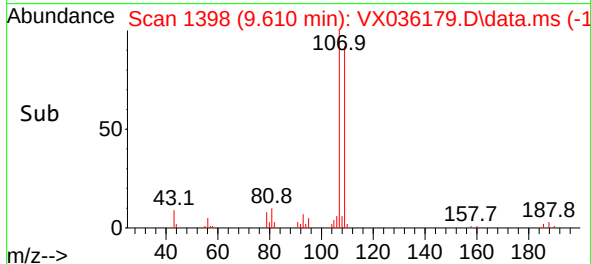
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



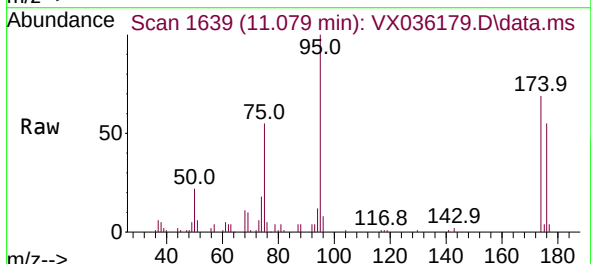
Tgt Ion:107 Resp: 1224
Ion Ratio Lower Upper
107 100
109 89.2 75.2 112.8

Manual Integrations
APPROVED

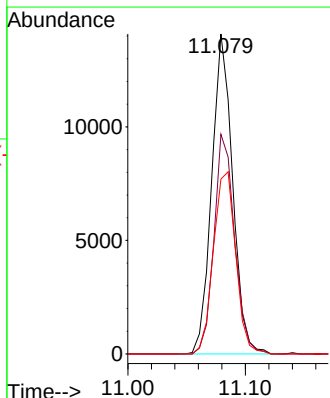
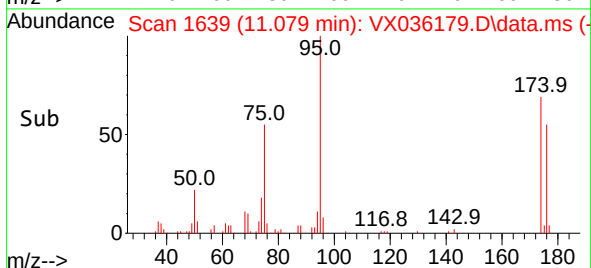
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

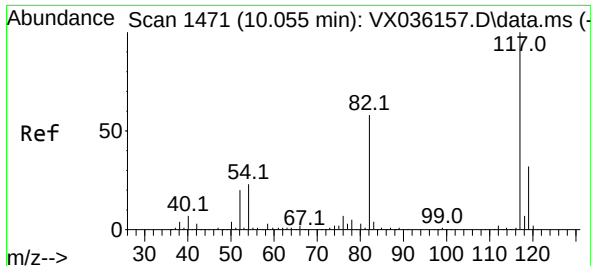


#62
4-Bromofluorobenzene
Concen: 4.985 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50



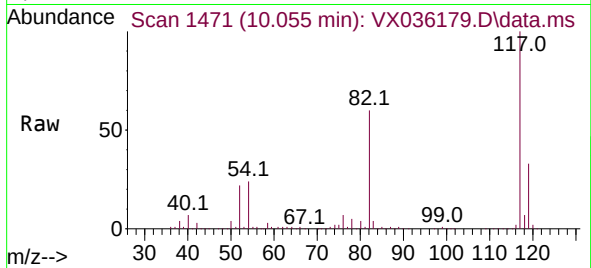
Tgt Ion: 95 Resp: 17360
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.6
176 61.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

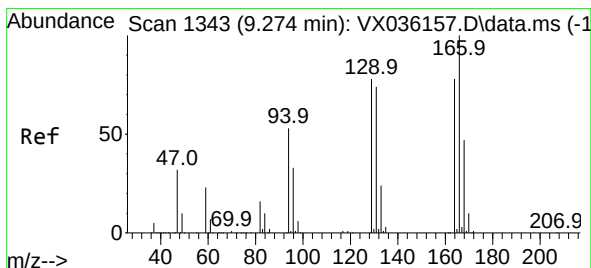
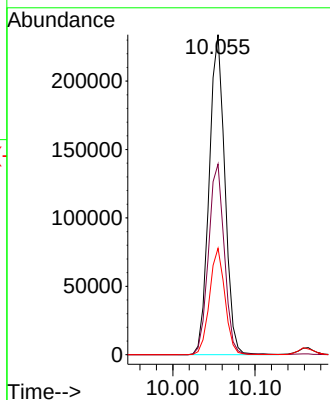
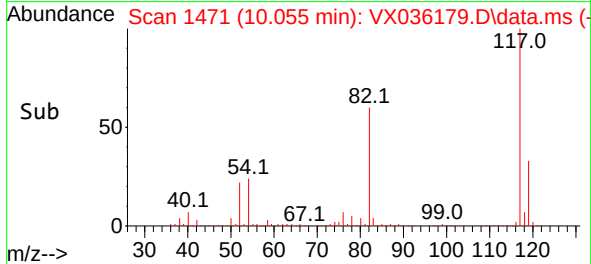
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 31041
Ion Ratio Lower Upper
117 100
82 59.5 46.2 69.4
119 33.2 25.5 38.3

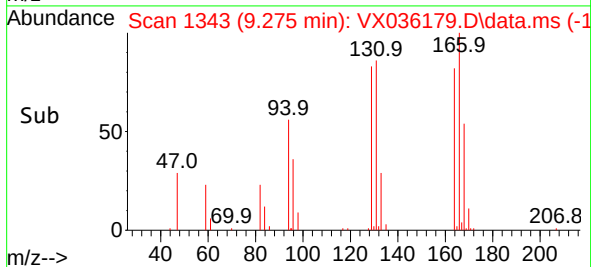
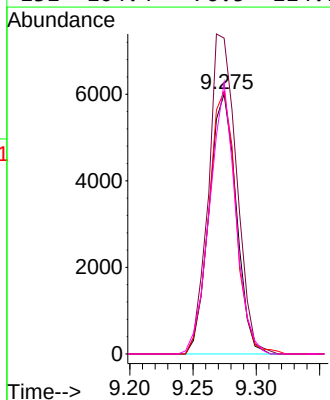
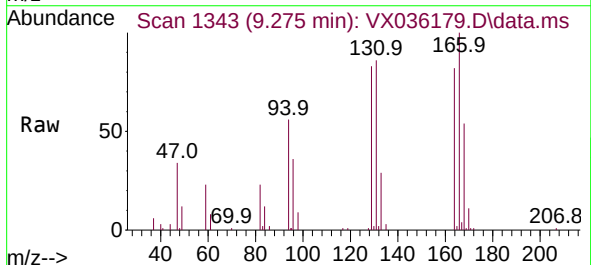
Manual Integrations
APPROVED

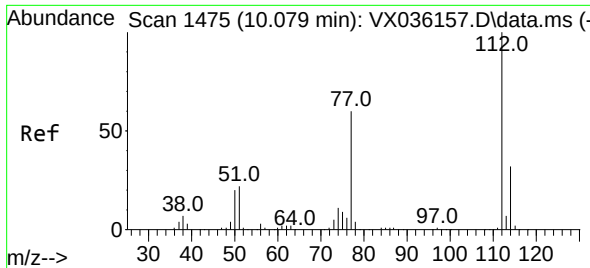
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#64
Tetrachloroethene
Concen: 4.634 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

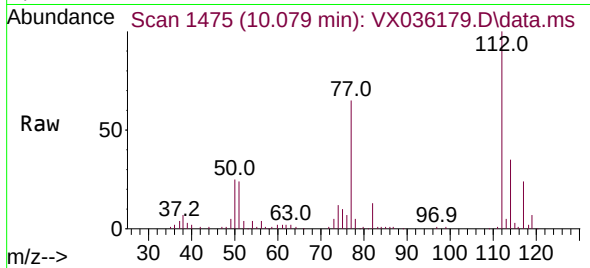
Tgt Ion:164 Resp: 8949
Ion Ratio Lower Upper
164 100
166 121.6 102.7 154.1
129 101.0 80.4 120.6
131 104.4 76.5 114.7





#65
Chlorobenzene
Concen: 4.911 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

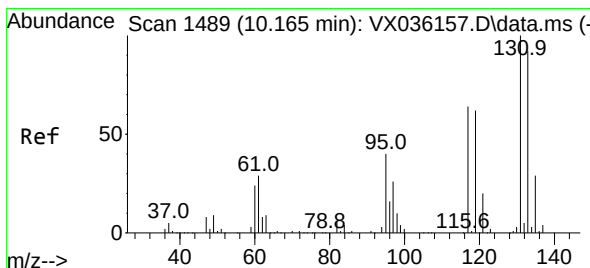
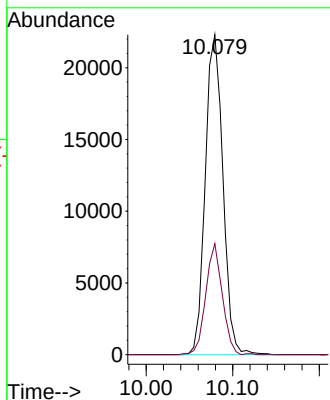
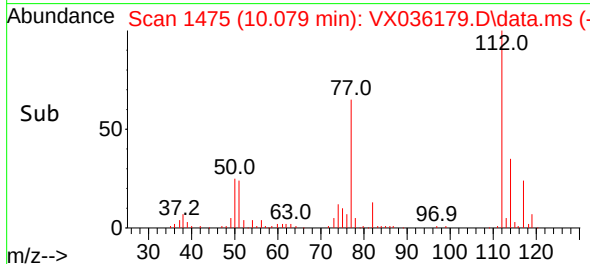
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



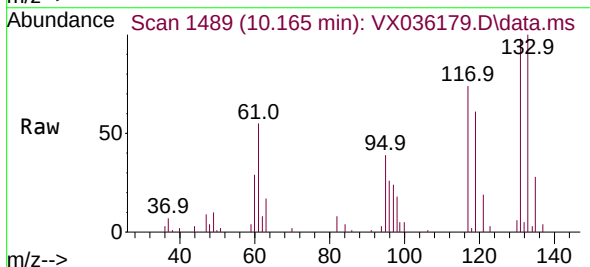
Tgt Ion:112 Resp: 3159
Ion Ratio Lower Upper
112 100
114 34.7 25.7 38.5

Manual Integrations
APPROVED

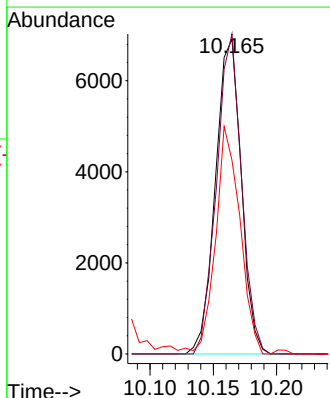
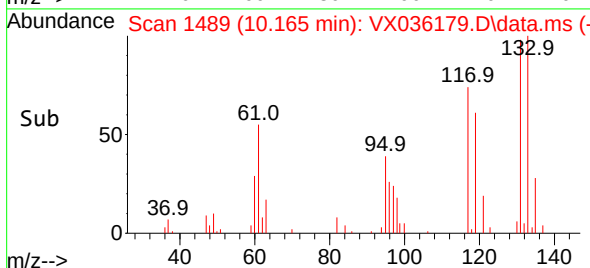
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

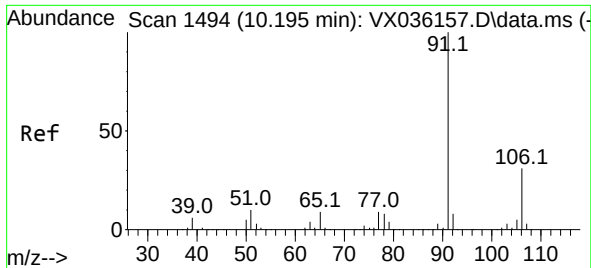


#66
1,1,1,2-Tetrachloroethane
Concen: 4.410 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50



Tgt Ion:131 Resp: 9789
Ion Ratio Lower Upper
131 100
133 98.2 47.1 141.4
119 68.4 32.2 96.6





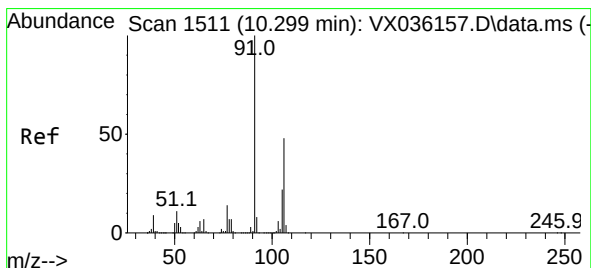
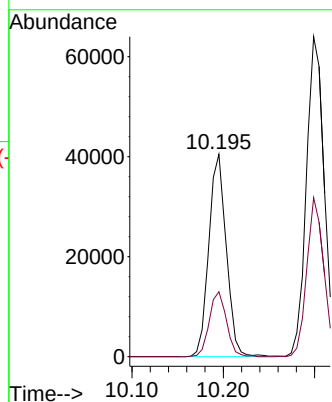
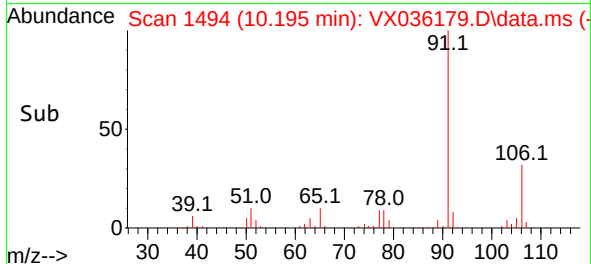
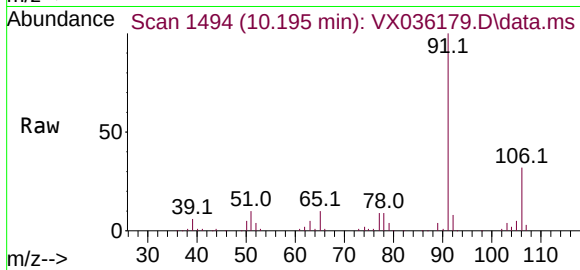
#67
Ethyl Benzene
Concen: 4.677 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 5373
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

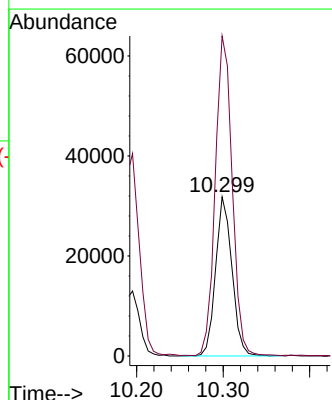
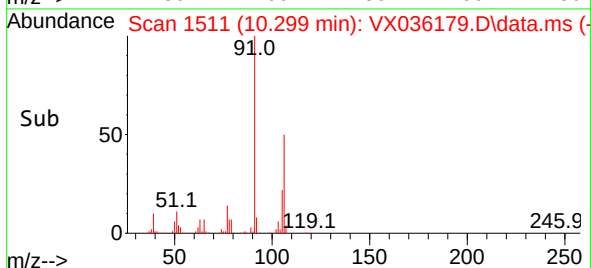
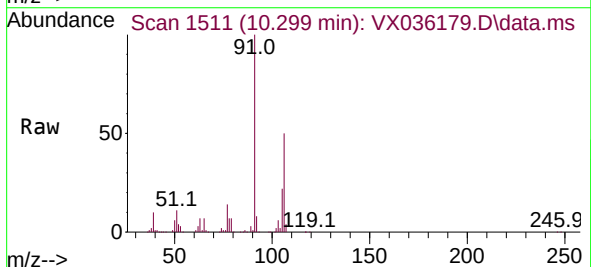
Manual Integrations
APPROVED

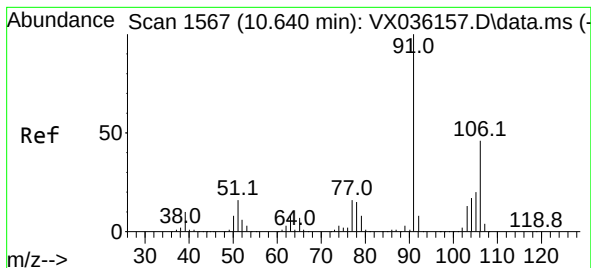
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#68
m/p-Xylenes
Concen: 9.626 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Tgt Ion:106 Resp: 41720
Ion Ratio Lower Upper
106 100
91 207.9 165.5 248.3





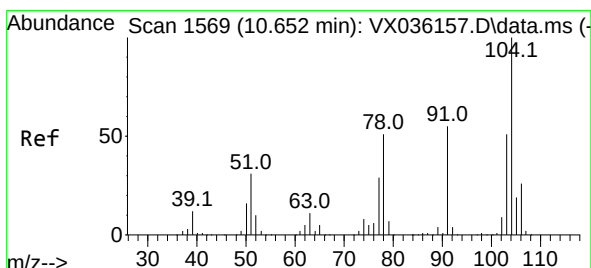
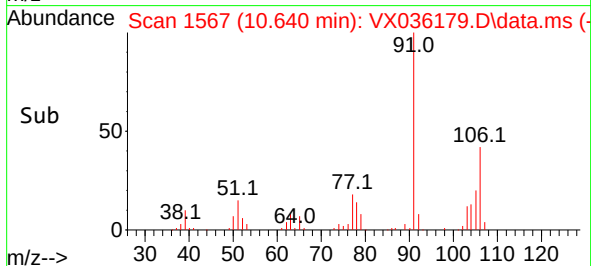
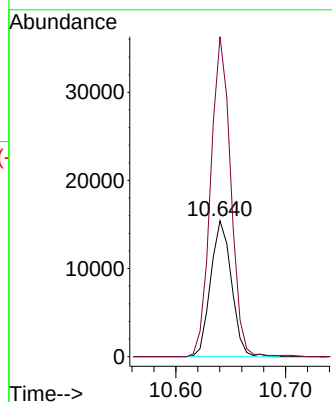
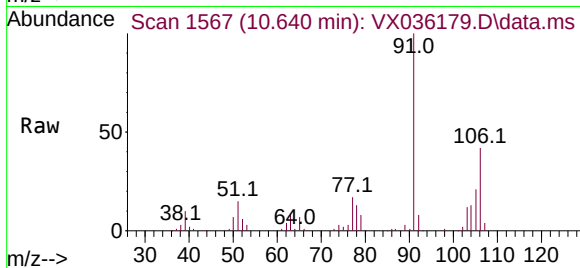
#69
o-Xylene
Concen: 4.771 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 20400
Ion Ratio Lower Upper
106 100
91 227.8 108.9 326.8

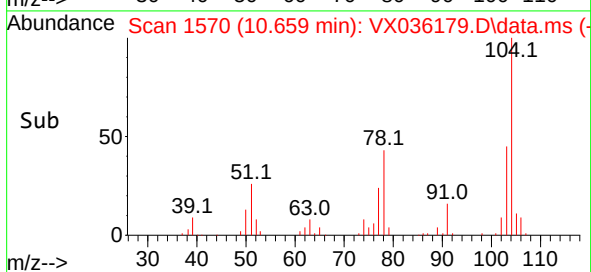
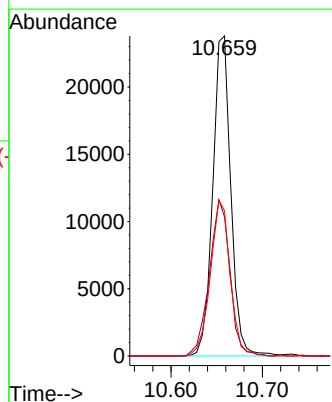
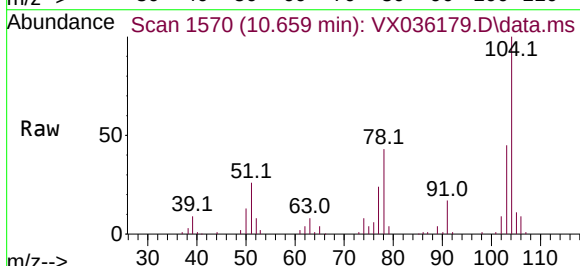
Manual Integrations
APPROVED

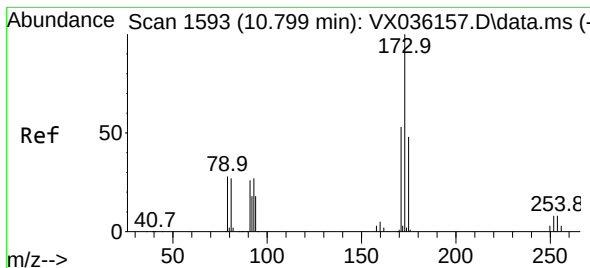
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#70
Styrene
Concen: 4.596 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

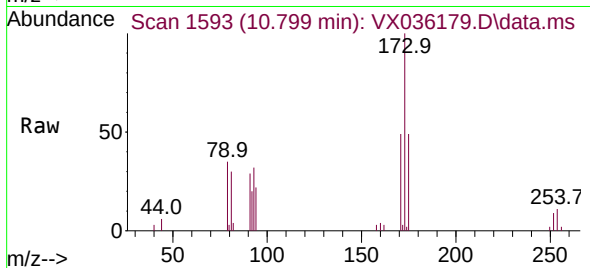
Tgt Ion:104 Resp: 32746
Ion Ratio Lower Upper
104 100
78 55.2 43.6 65.4
103 53.2 43.6 65.4





#71
Bromoform
Concen: 5.914 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

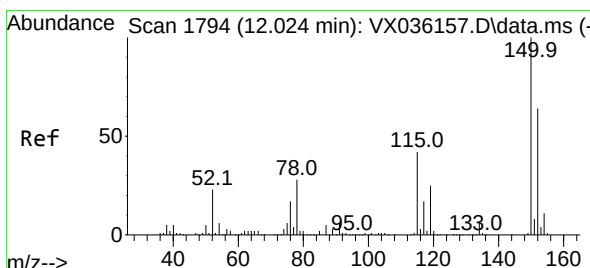
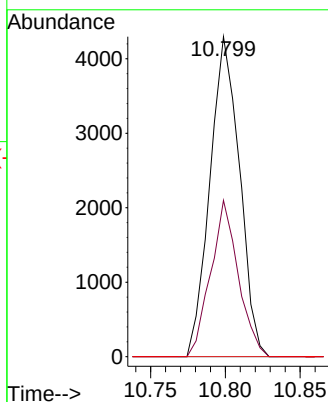
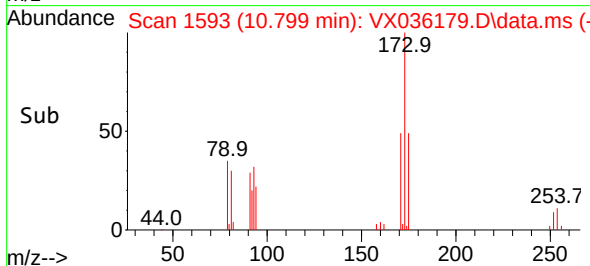
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



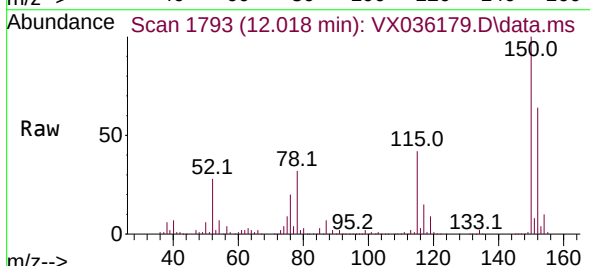
Tgt Ion:173 Resp: 590
Ion Ratio Lower Upper
173 100
175 45.6 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

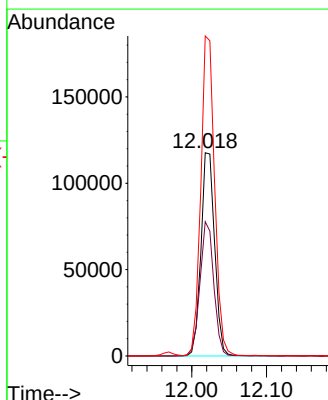
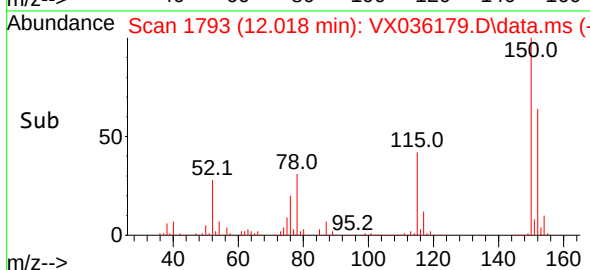
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023

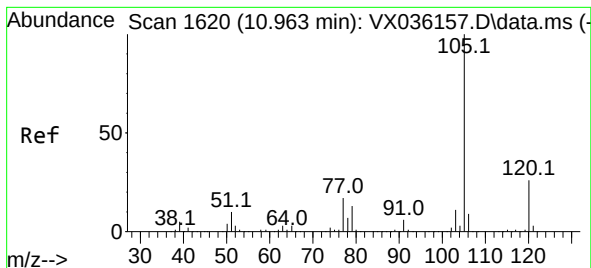


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50



Tgt Ion:152 Resp: 149998
Ion Ratio Lower Upper
152 100
115 66.6 43.3 129.9
150 158.2 0.0 345.0





#73

Isopropylbenzene

Concen: 4.546 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

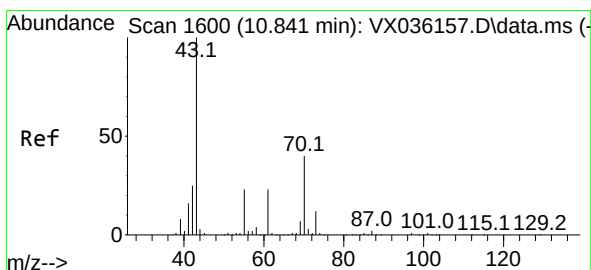
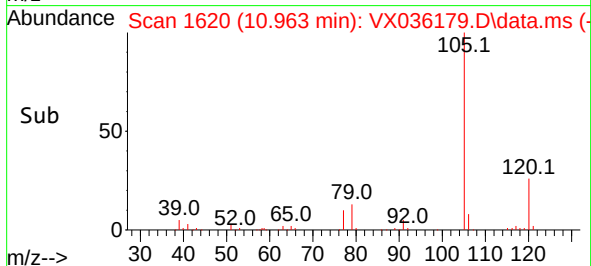
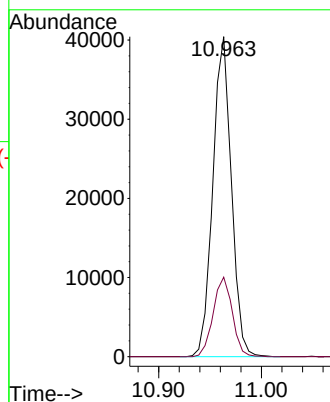
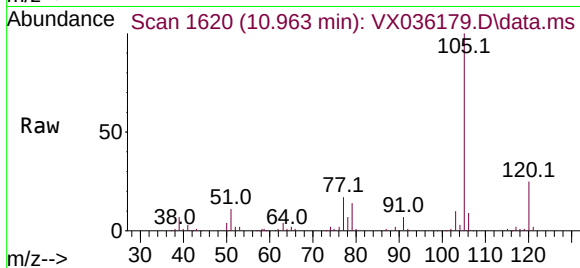
Tgt Ion: 105 Resp: 5059
 Ion Ratio Lower Upper
 105 100
 120 25.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By : John Carlone 06/16/2023

Supervised By : Mahesh Dadoda 06/19/2023



#74

N-ethyl acetate

Concen: 4.347 ug/l

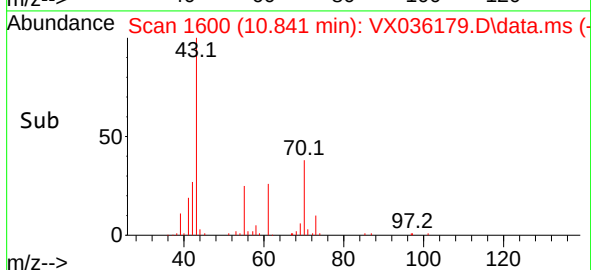
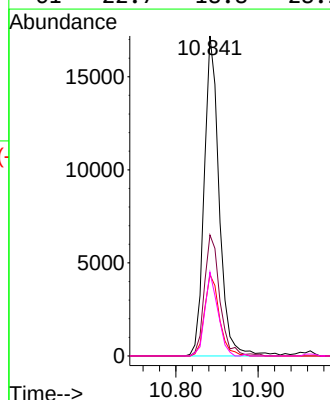
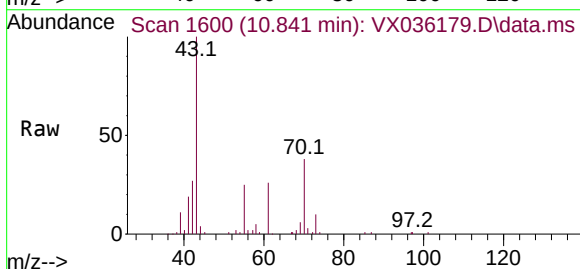
RT: 10.841 min Scan# 1600

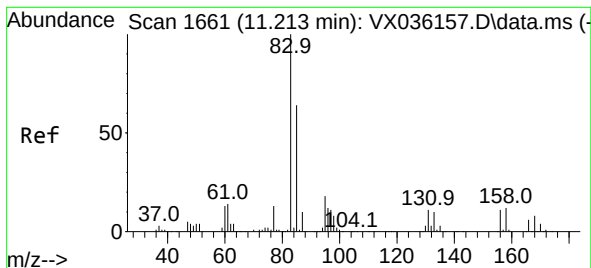
Delta R.T. 0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Tgt Ion: 43 Resp: 21866
 Ion Ratio Lower Upper
 43 100
 70 39.0 32.9 49.3
 55 24.9 19.3 28.9
 61 22.7 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 5.006 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

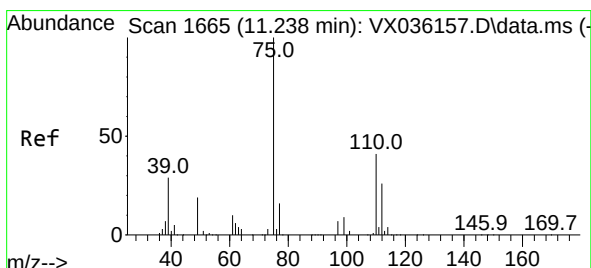
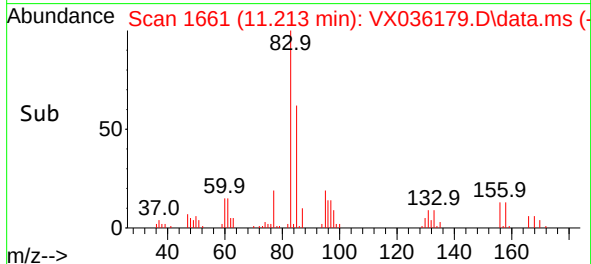
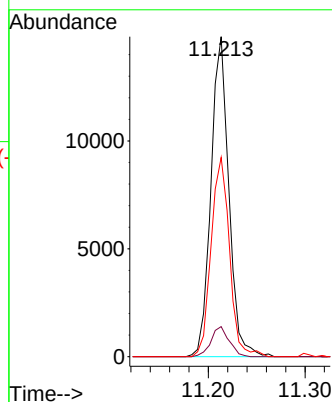
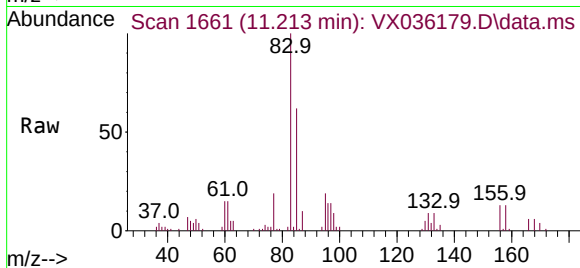
Tgt Ion: 83 Resp: 19079
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.3 15.8
 85 64.0 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#76

1,2,3-Trichloropropane

Concen: 4.328 ug/l m

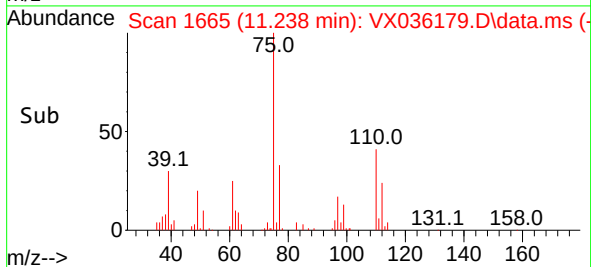
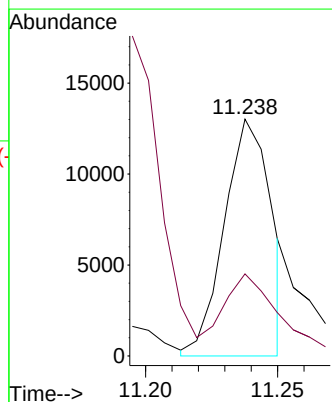
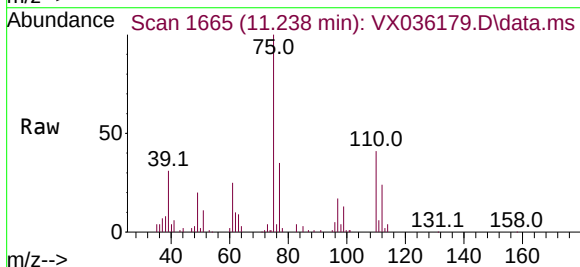
RT: 11.238 min Scan# 1665

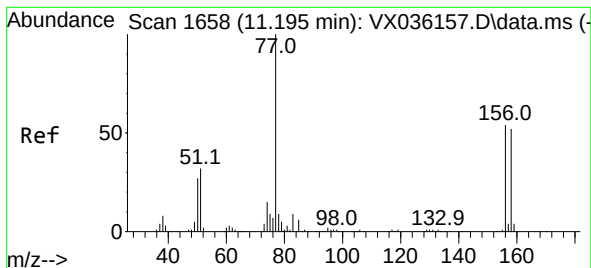
Delta R.T. -0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Tgt Ion: 75 Resp: 16132
 Ion Ratio Lower Upper
 75 100
 77 42.6 19.1 57.5





#77

Bromobenzene

Concen: 4.715 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

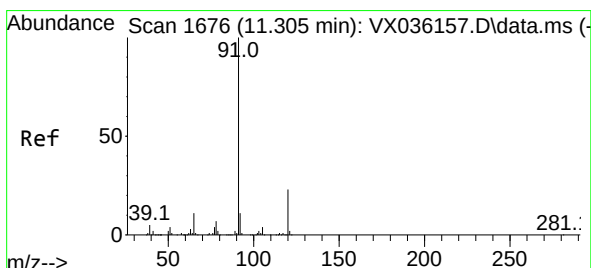
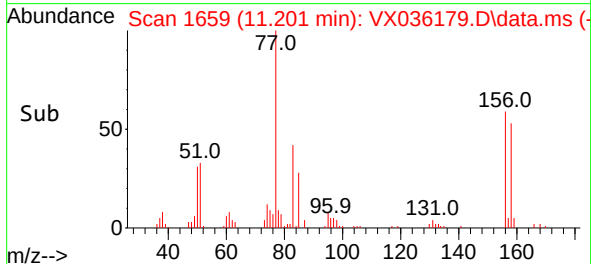
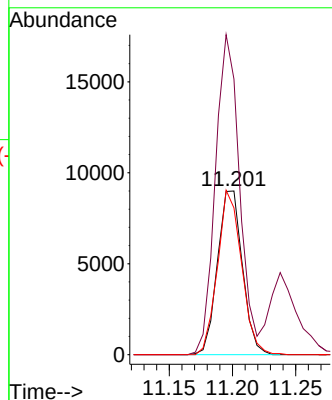
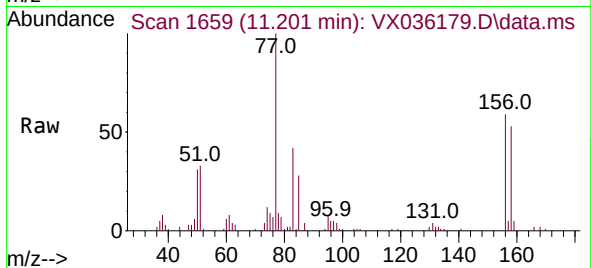
Tgt Ion:	156	Resp:	12294
Ion Ratio	Lower	Upper	
156	100		
77	189.2	88.4	265.3
158	97.2	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#78

n-propylbenzene

Concen: 4.412 ug/l

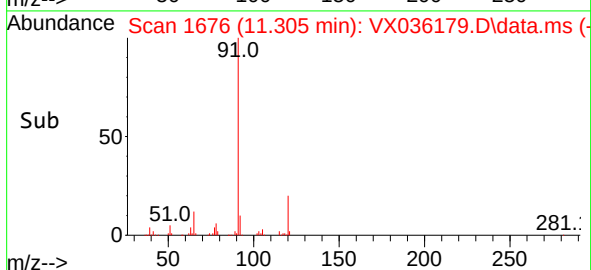
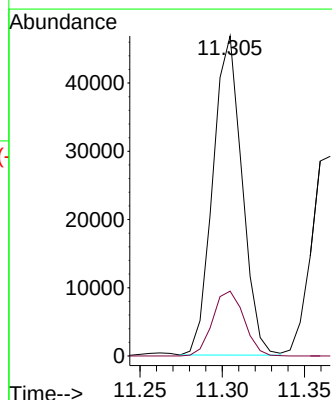
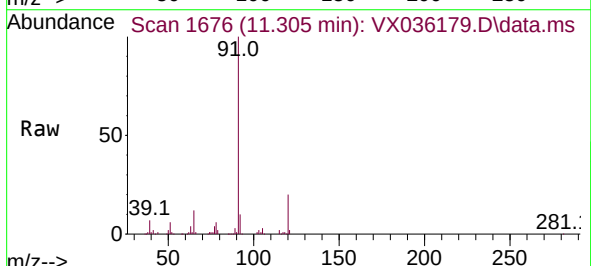
RT: 11.305 min Scan# 1676

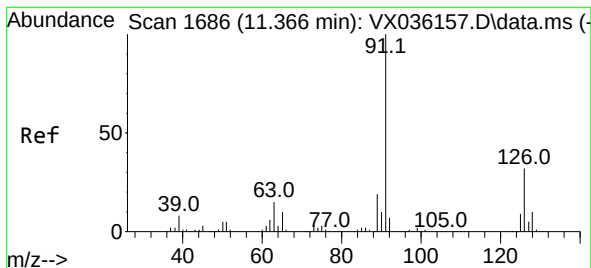
Delta R.T. -0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Tgt Ion:	91	Resp:	57772
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.5	34.4





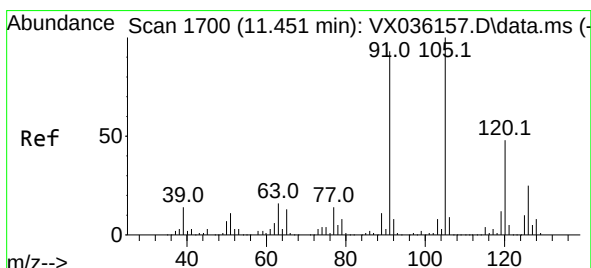
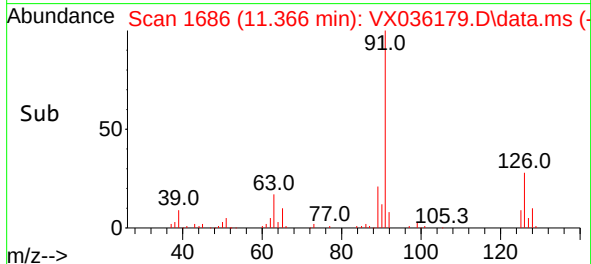
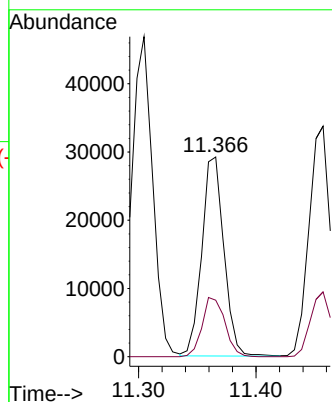
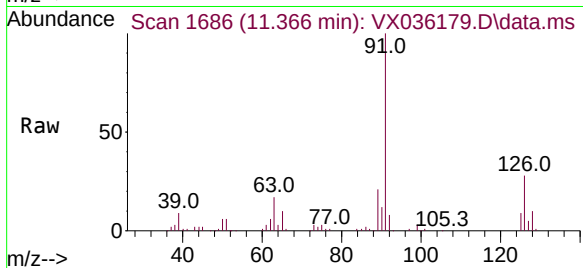
#79
2-Chlorotoluene
Concen: 4.632 ug/l
RT: 11.366 min Scan# 1136
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 3814
Ion Ratio Lower Upper
91 100
126 30.6 16.3 48.8

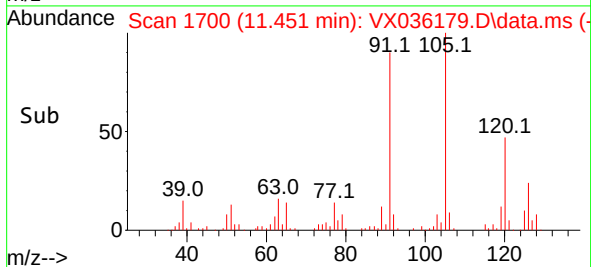
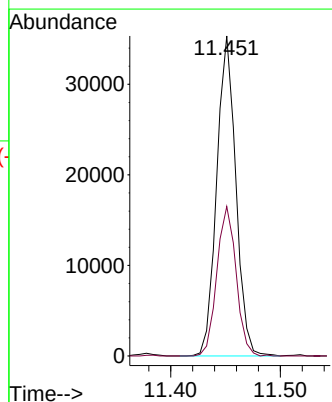
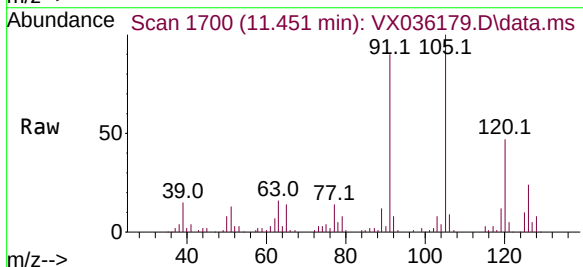
Manual Integrations
APPROVED

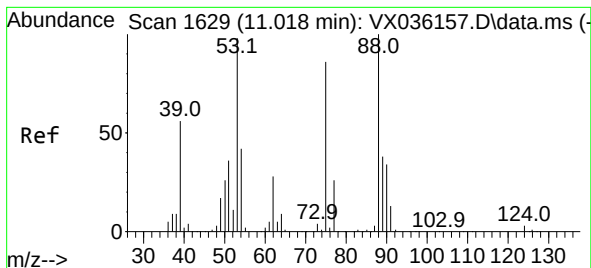
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.523 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Tgt Ion:105 Resp: 42862
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3





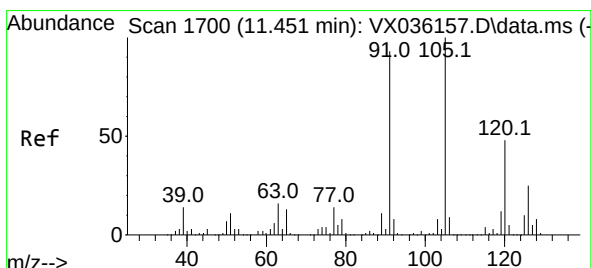
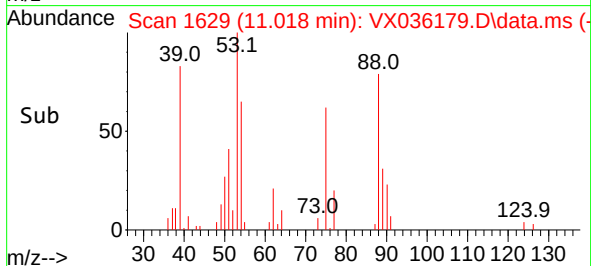
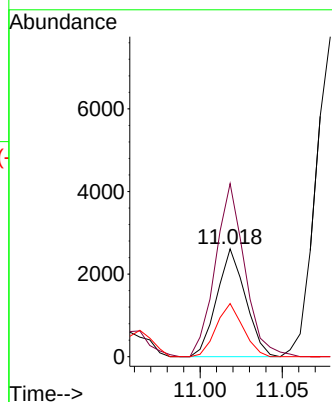
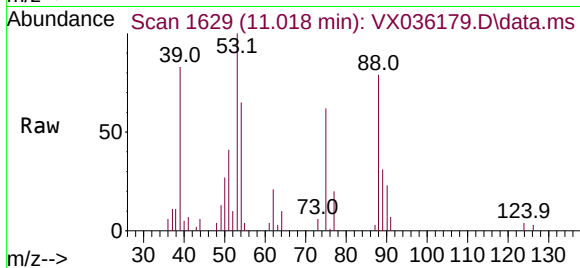
#81
trans-1,4-Dichloro-2-butene
Concen: 7.909 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 3178
Ion Ratio Lower Upper
75 100
53 163.8 90.5 135.7
89 45.9 36.9 55.3

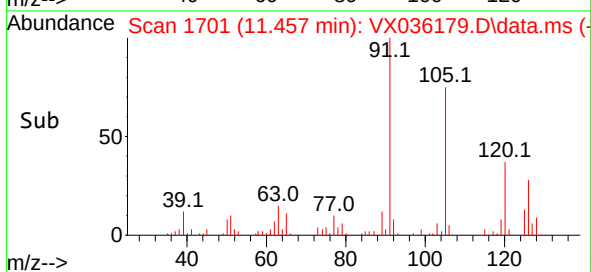
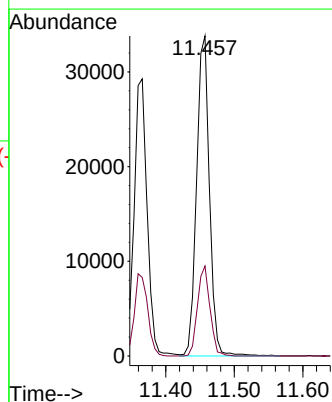
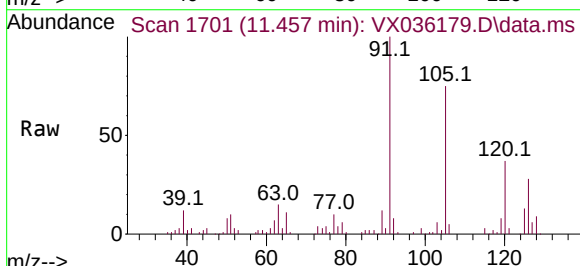
Manual Integrations
APPROVED

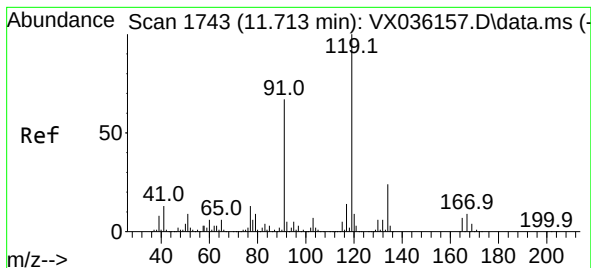
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#82
4-Chlorotoluene
Concen: 4.603 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 91 Resp: 44171
Ion Ratio Lower Upper
91 100
126 27.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 4.336 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

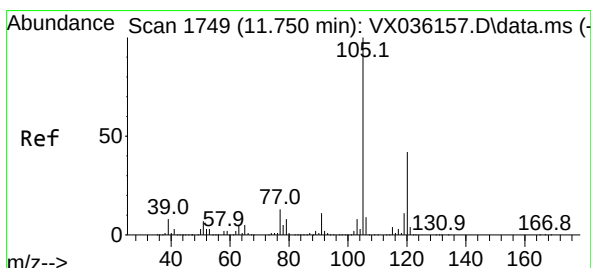
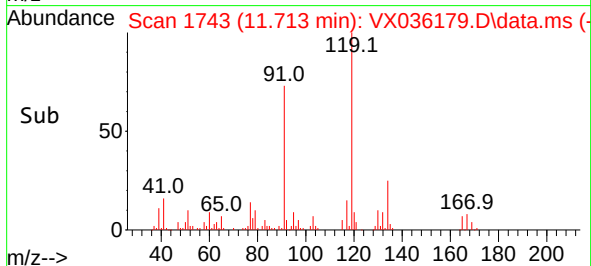
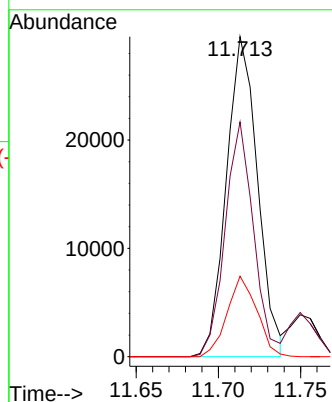
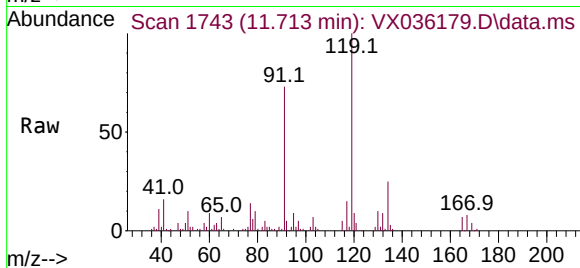
Tgt Ion:	119	Resp:	39069
Ion Ratio	Lower	Upper	
119	100		
91	66.9	31.2	93.6
134	23.9	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#84

1,2,4-Trimethylbenzene

Concen: 4.650 ug/l

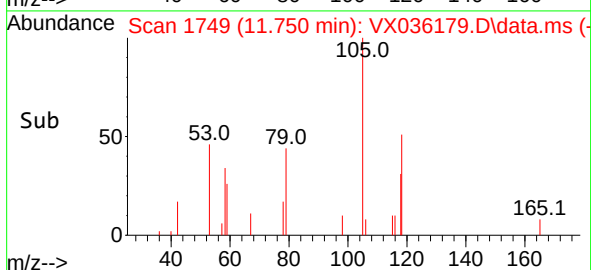
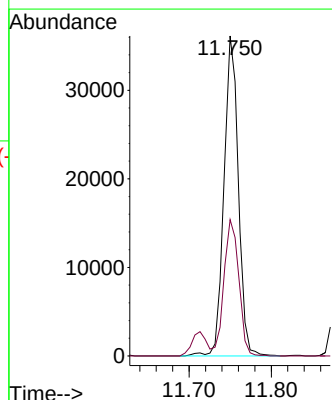
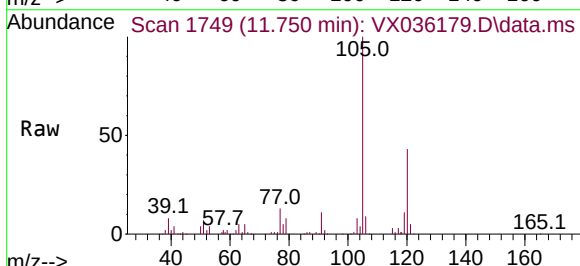
RT: 11.750 min Scan# 1749

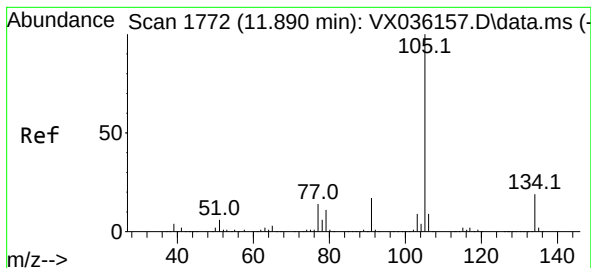
Delta R.T. -0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

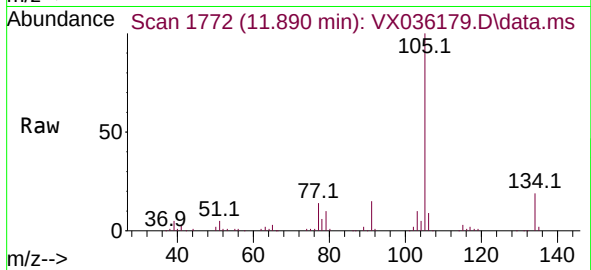
Tgt Ion:	105	Resp:	43954
Ion Ratio	Lower	Upper	
105	100		
120	44.2	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 4.448 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX036179.D
 Acq: 16 Jun 2023 12:50

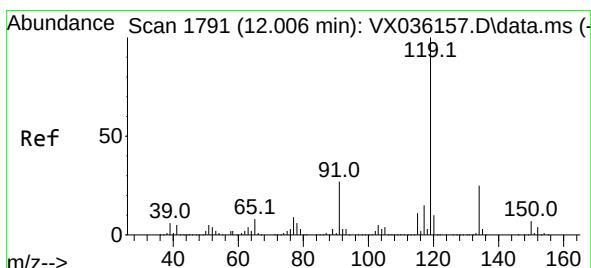
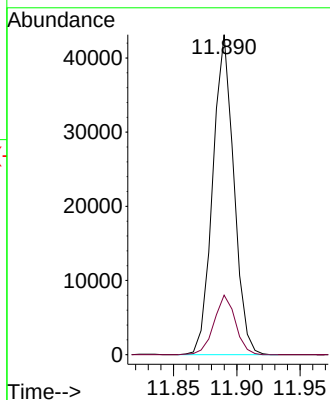
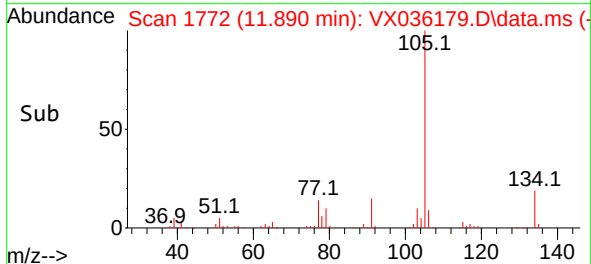
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005



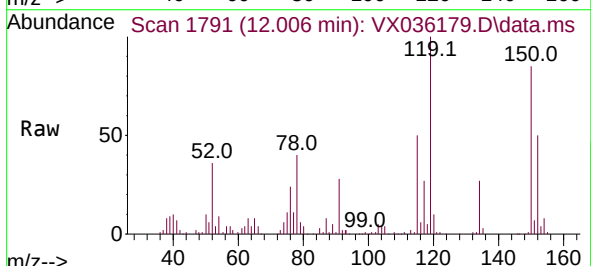
Tgt Ion:105 Resp: 49890
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.4

Manual Integrations
 APPROVED

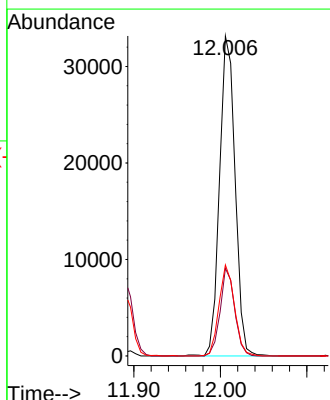
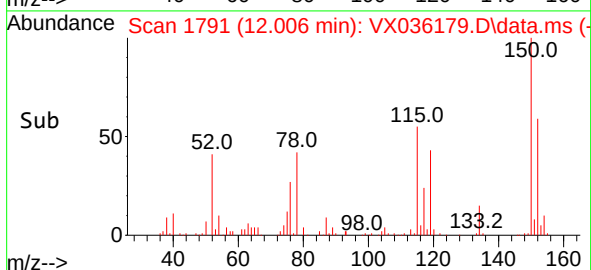
Reviewed By :John Carlone 06/16/2023
 Supervised By :Mahesh Dadoda 06/19/2023

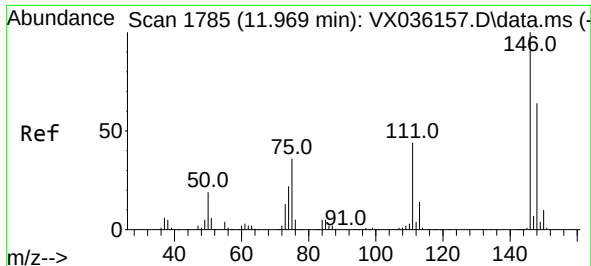


#86
 p-Isopropyltoluene
 Concen: 4.378 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX036179.D
 Acq: 16 Jun 2023 12:50



Tgt Ion:119 Resp: 41321
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 28.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 4.878 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:146 Resp: 24260

Ion Ratio Lower Upper

146 100

111 43.8 22.1 66.1

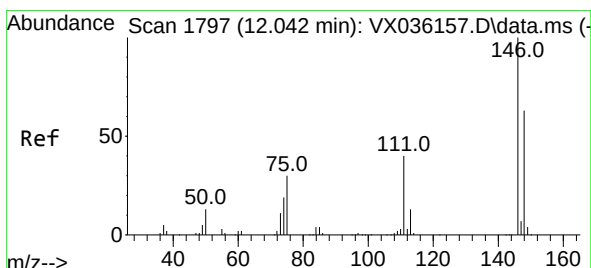
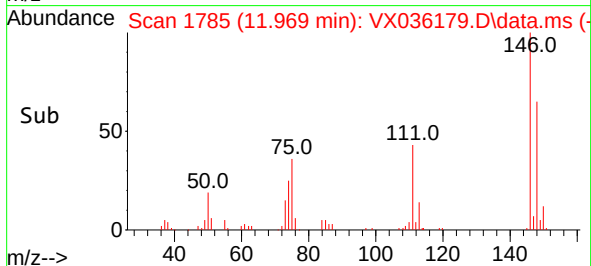
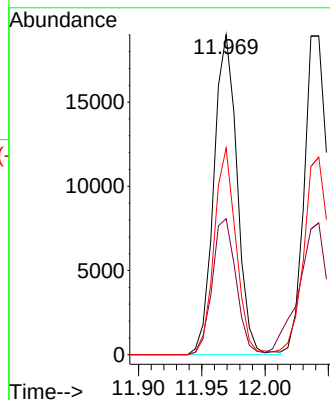
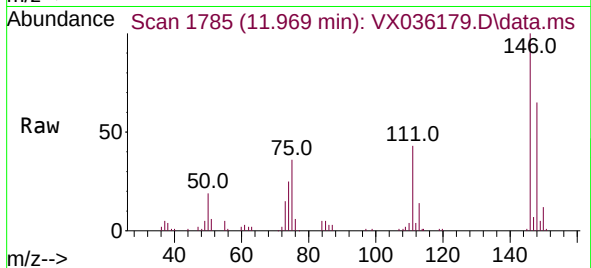
148 60.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#88

1,4-Dichlorobenzene

Concen: 4.895 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

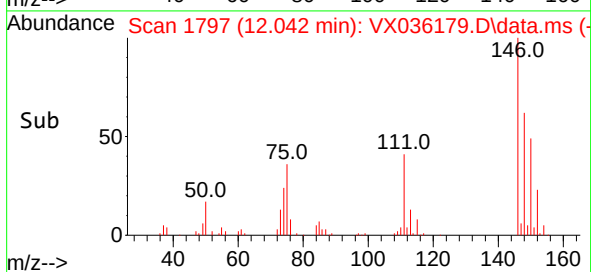
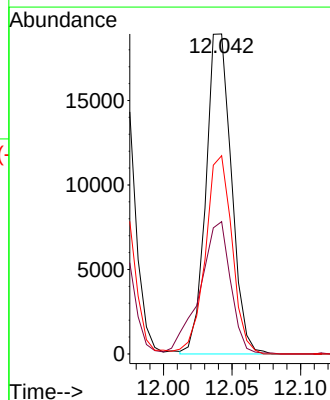
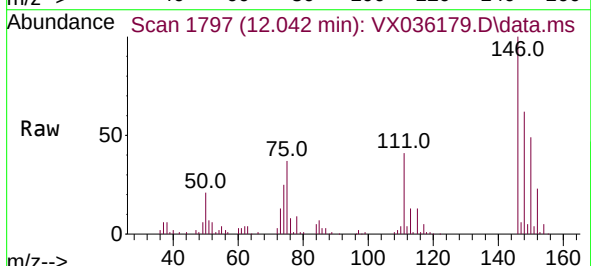
Tgt Ion:146 Resp: 24557

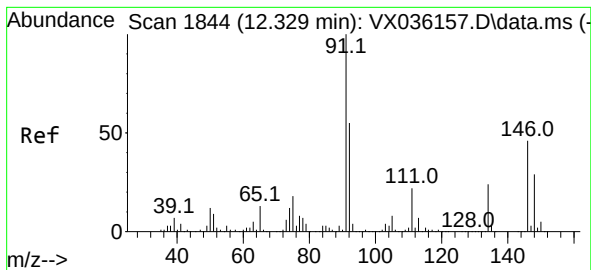
Ion Ratio Lower Upper

146 100

111 50.1 21.3 63.7

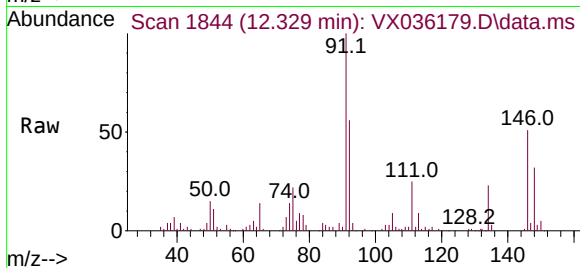
148 64.9 31.8 95.4





#89
n-Butylbenzene
Concen: 4.212 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

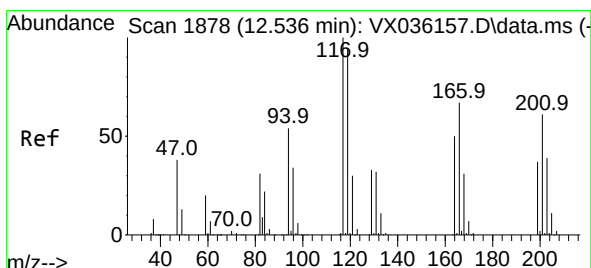
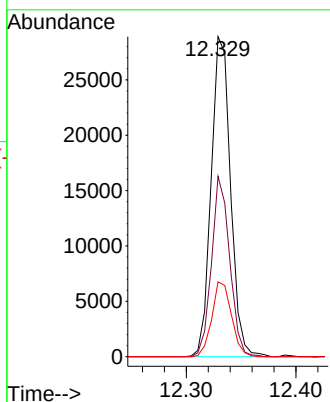
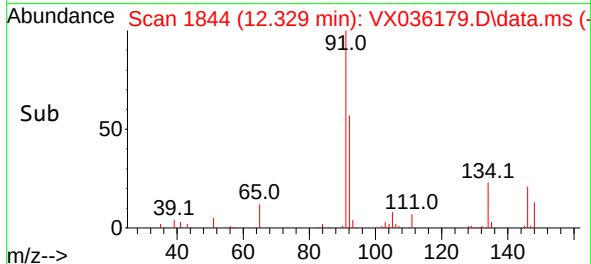
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 35478
Ion Ratio Lower Upper
91 100
92 52.7 27.4 82.0
134 23.7 12.6 37.8

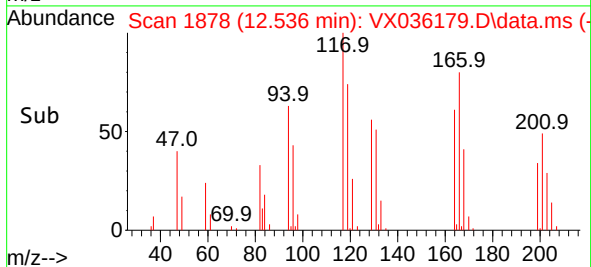
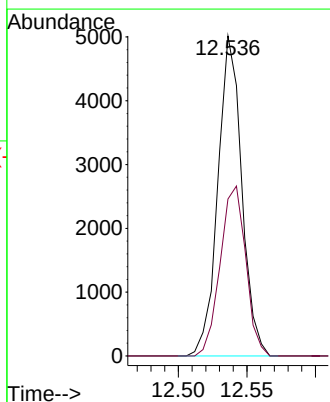
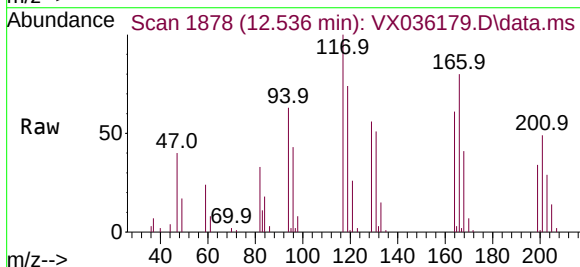
Manual Integrations
APPROVED

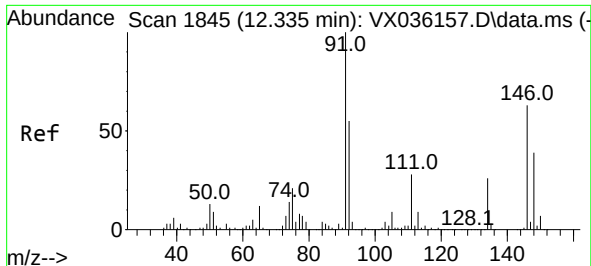
Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#90
Hexachloroethane
Concen: 5.275 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Tgt Ion:117 Resp: 6062
Ion Ratio Lower Upper
117 100
201 56.9 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 4.962 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

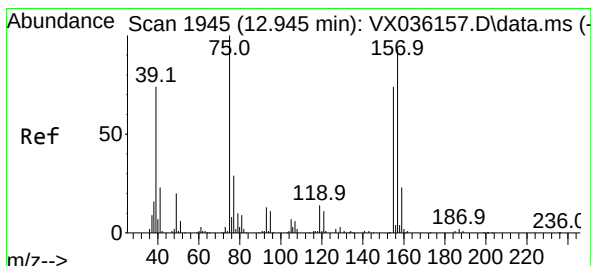
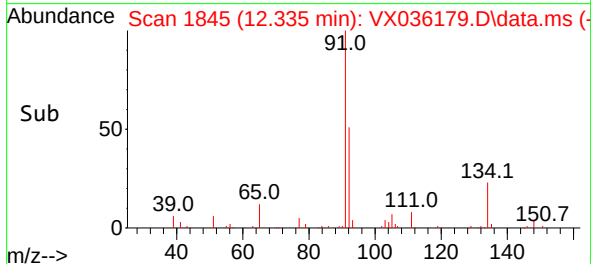
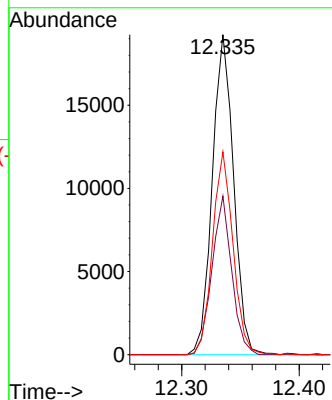
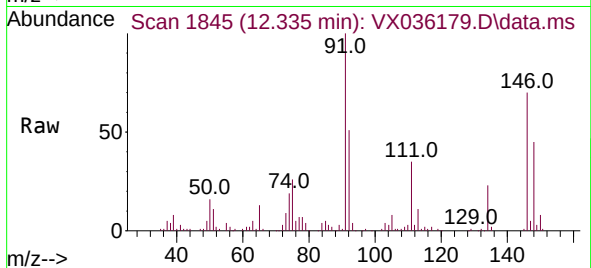
Tgt Ion:146 Resp: 24218
Ion Ratio Lower Upper
146 100
111 46.1 22.4 67.0
148 61.3 31.6 95.0

Manual Integrations

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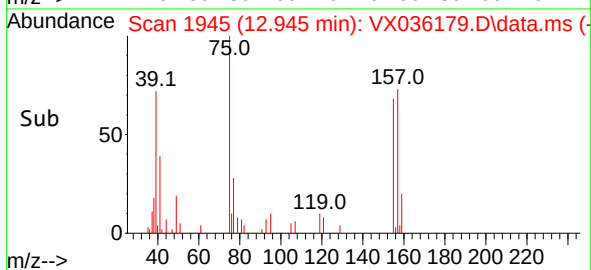
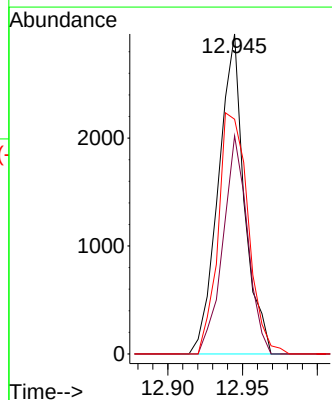
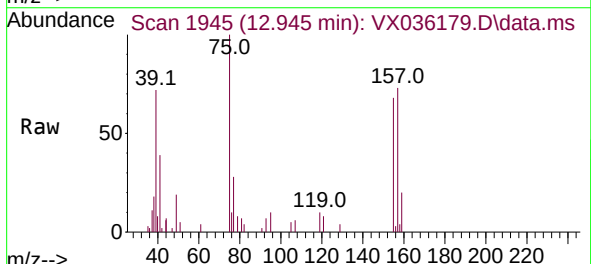
Reviewed By :John Carlone 06/16/2023

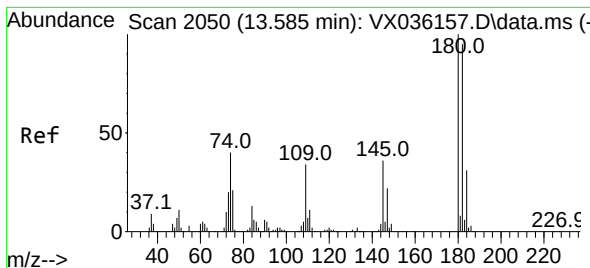
Supervised By :Mahesh Dadoda 06/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.249 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

Tgt Ion: 75 Resp: 3572
Ion Ratio Lower Upper
75 100
155 64.7 36.1 108.5
157 87.0 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 4.515 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

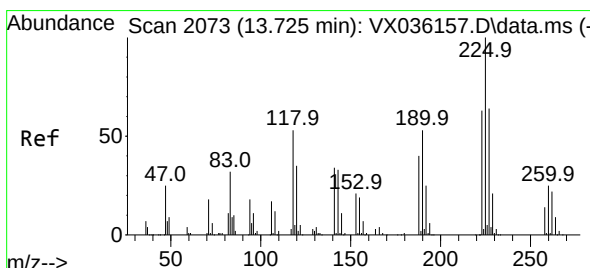
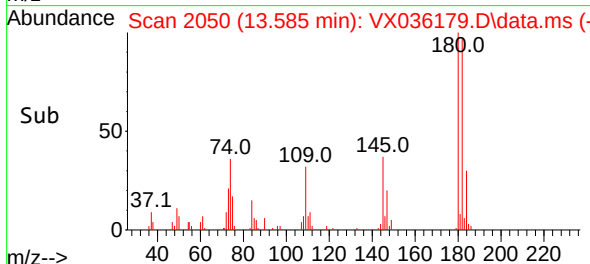
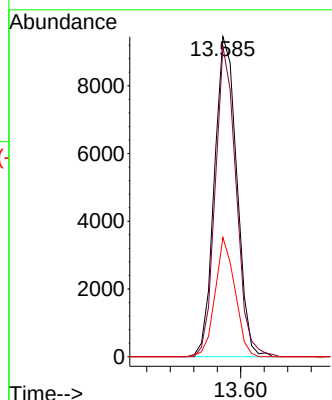
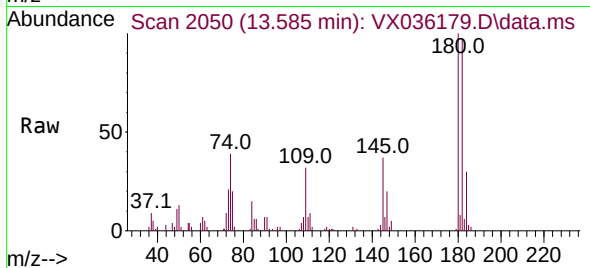
Tgt Ion:180	Resp:	1249
Ion Ratio	Lower	Upper
180	100	
182	90.5	48.3 144.8
145	33.0	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/16/2023

Supervised By :Mahesh Dadoda 06/19/2023



#94

Hexachlorobutadiene

Concen: 4.513 ug/l

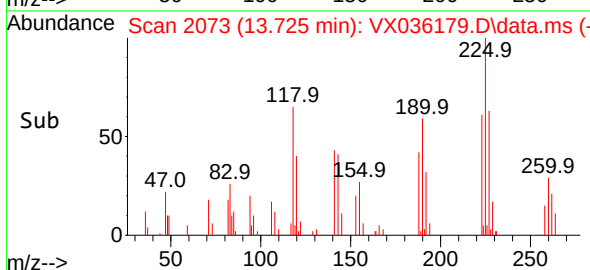
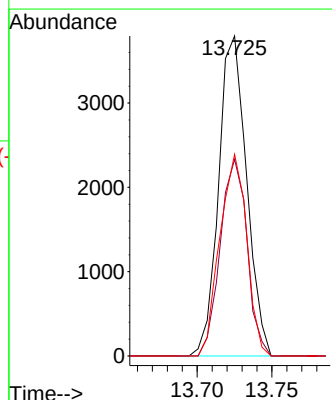
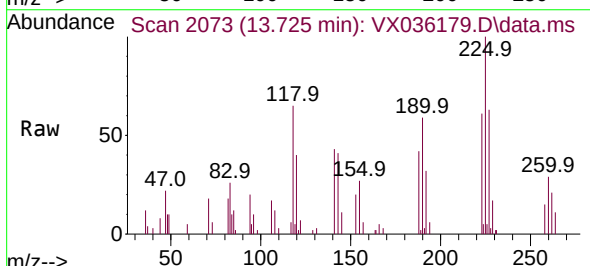
RT: 13.725 min Scan# 2073

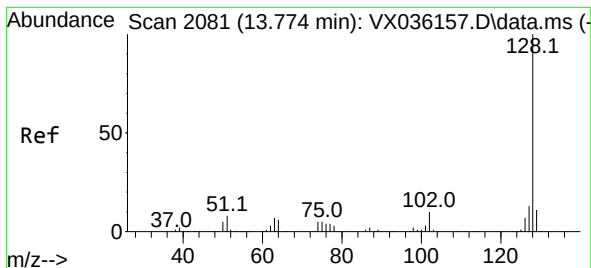
Delta R.T. 0.000 min

Lab File: VX036179.D

Acq: 16 Jun 2023 12:50

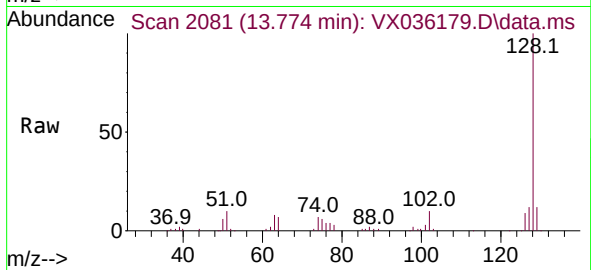
Tgt Ion:225	Resp:	4936
Ion Ratio	Lower	Upper
225	100	
223	58.7	31.1 93.2
227	60.6	32.5 97.5





#95
Naphthalene
Concen: 4.221 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50

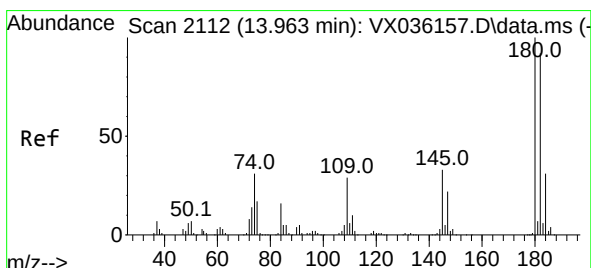
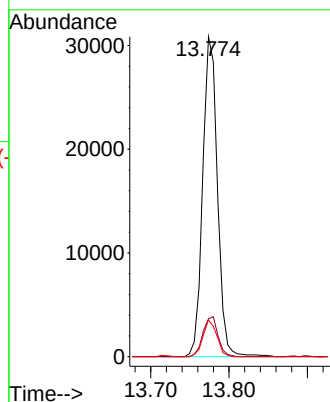
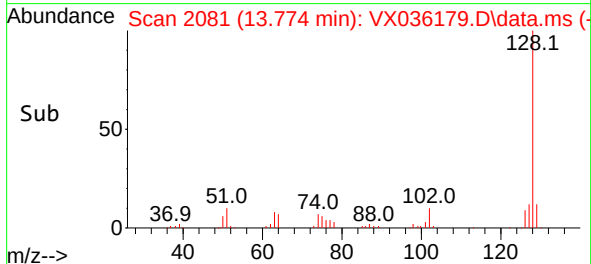
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



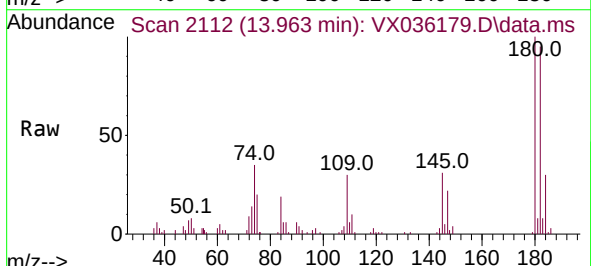
Tgt Ion:128 Resp: 4028
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 4.601 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036179.D
Acq: 16 Jun 2023 12:50



Tgt Ion:180 Resp: 12764
Ion Ratio Lower Upper
180 100
182 91.2 46.9 140.6
145 36.3 17.8 53.5

