

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016527.D
 Acq On : 29 Nov 2023 09:10
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 30 03:05:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 02:51:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.831	168	172577	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.721	114	269189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.520	117	231389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.452	152	107608	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	14480	10.620	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.240%#
35) Dibromofluoromethane	7.758	113	16168	10.234	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.460%#
50) Toluene-d8	10.209	98	63201	10.314	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.620%#
62) 4-Bromofluorobenzene	12.507	95	20333	10.578	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	21.160%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.924	85	16706	11.113	ug/l	95
3) Chloromethane	2.137	50	15660	10.443	ug/l	92
4) Vinyl Chloride	2.277	62	17971	10.617	ug/l	97
5) Bromomethane	2.680	94	11152	10.178	ug/l	99
6) Chloroethane	2.826	64	11363	10.399	ug/l	95
7) Trichlorofluoromethane	3.155	101	30510	10.412	ug/l	94
8) Diethyl Ether	3.570	74	7850	10.086	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.942	101	17019	10.232	ug/l	99
10) Methyl Iodide	4.137	142	18309	9.729	ug/l	97
11) Tert butyl alcohol	5.003	59	4236	49.019	ug/l #	92
12) 1,1-Dichloroethene	3.917	96	15757	10.136	ug/l	82
13) Acrolein	3.765	56	7952	48.562	ug/l	95
14) Allyl chloride	4.527	41	17947	10.042	ug/l #	87
15) Acrylonitrile	5.216	53	14253	51.753	ug/l	95
16) Acetone	3.984	43	16100	61.432	ug/l #	86
17) Carbon Disulfide	4.241	76	44210	10.080	ug/l	99
18) Methyl Acetate	4.527	43	9813	9.723	ug/l #	80
19) Methyl tert-butyl Ether	5.271	73	33824	9.984	ug/l	98
20) Methylene Chloride	4.771	84	18731	9.575	ug/l #	83
21) trans-1,2-Dichloroethene	5.271	96	17047	9.846	ug/l	95
22) Diisopropyl ether	6.167	45	38772	10.347	ug/l #	85
23) Vinyl Acetate	6.106	43	89386	51.725	ug/l #	87
24) 1,1-Dichloroethane	6.069	63	27626	10.446	ug/l	95
25) 2-Butanone	7.033	43	21779	59.205	ug/l #	84
26) 2,2-Dichloropropane	7.027	77	26644	10.194	ug/l	96
27) cis-1,2-Dichloroethene	7.027	96	19386	10.422	ug/l	85
28) Bromochloromethane	7.374	49	10212	10.684	ug/l #	67
29) Tetrahydrofuran	7.386	42	10141	51.316	ug/l #	75
30) Chloroform	7.545	83	30552	10.365	ug/l	97
31) Cyclohexane	7.825	56	25433	10.625	ug/l #	72
32) 1,1,1-Trichloroethane	7.740	97	29350	10.275	ug/l	95
36) 1,1-Dichloropropene	7.959	75	23477	10.063	ug/l	97
37) Ethyl Acetate	7.124	43	7718	10.555	ug/l #	92
38) Carbon Tetrachloride	7.941	117	27656	10.100	ug/l	98
39) Methylcyclohexane	9.215	83	28727	9.872	ug/l	90
40) Benzene	8.197	78	67271	10.170	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	3688	9.123	ug/l #	87
42) 1,2-Dichloroethane	8.270	62	16624	10.141	ug/l	89
43) Isopropyl Acetate	8.307	43	14293	9.940	ug/l #	81
44) Trichloroethene	8.977	130	20484	10.053	ug/l	95
45) 1,2-Dichloropropane	9.246	63	15535	10.408	ug/l	100
46) Dibromomethane	9.337	93	8420	10.032	ug/l	96
47) Bromodichloromethane	9.532	83	23017	10.387	ug/l	97
48) Methyl methacrylate	9.319	41	7932	9.826	ug/l #	77
49) 1,4-Dioxane	9.337	88	1488	191.453	ug/l #	62
51) 4-Methyl-2-Pentanone	10.099	43	39022	52.021	ug/l #	87
52) Toluene	10.276	92	42627	10.031	ug/l	95
53) t-1,3-Dichloropropene	10.495	75	20457	9.962	ug/l	96
54) cis-1,3-Dichloropropene	9.959	75	24981	10.039	ug/l #	83
55) 1,1,2-Trichloroethane	10.672	97	12758	10.534	ug/l	87
56) Ethyl methacrylate	10.538	69	9946	9.704	ug/l #	75
57) 1,3-Dichloropropane	10.819	76	20063	10.284	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.813	63	29841	47.084	ug/l #	87
59) 2-Hexanone	10.861	43	33819	57.077	ug/l	82
60) Dibromochloromethane	11.014	129	16122	10.184	ug/l	99
61) 1,2-Dibromoethane	11.117	107	11875	10.383	ug/l	99
64) Tetrachloroethene	10.752	164	20638	10.022	ug/l	97
65) Chlorobenzene	11.544	112	46073	9.943	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.617	131	18165	10.226	ug/l	99
67) Ethyl Benzene	11.617	91	80920	9.948	ug/l	99
68) m/p-Xylenes	11.727	106	61802	19.632	ug/l	95
69) o-Xylene	12.056	106	28103	9.724	ug/l	97
70) Styrene	12.068	104	41237	9.917	ug/l	96
71) Bromoform	12.233	173	9228	10.057	ug/l #	99
73) Isopropylbenzene	12.355	105	78922	9.671	ug/l	100
74) N-amyl acetate	12.166	43	10853	9.417	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.605	83	12304	10.157	ug/l	97
76) 1,2,3-Trichloropropane	12.654	75	16438	18.134	ug/l #	100
77) Bromobenzene	12.635	156	18678	9.830	ug/l	88
78) n-propylbenzene	12.696	91	91959	9.850	ug/l	97
79) 2-Chlorotoluene	12.782	91	51328	9.885	ug/l	97
80) 1,3,5-Trimethylbenzene	12.837	105	63953	9.749	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.404	75	4082	9.853	ug/l	86
82) 4-Chlorotoluene	12.879	91	53437	10.023	ug/l	98
83) tert-Butylbenzene	13.099	119	56576	9.557	ug/l	98
84) 1,2,4-Trimethylbenzene	13.147	105	62693	9.816	ug/l	99
85) sec-Butylbenzene	13.275	105	81129	9.909	ug/l	100
86) p-Isopropyltoluene	13.391	119	69249	9.789	ug/l	98
87) 1,3-Dichlorobenzene	13.391	146	35489	9.891	ug/l	98
88) 1,4-Dichlorobenzene	13.471	146	35562	10.126	ug/l	98
89) n-Butylbenzene	13.721	91	61372	9.898	ug/l	97
90) Hexachloroethane	13.983	117	13788	9.989	ug/l	92
91) 1,2-Dichlorobenzene	13.763	146	30656	10.082	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	1597	9.371	ug/l	73
93) 1,2,4-Trichlorobenzene	15.031	180	15133	10.982	ug/l	98
94) Hexachlorobutadiene	15.135	225	10630	10.094	ug/l	100
95) Naphthalene	15.263	128	23390	11.280	ug/l	99
96) 1,2,3-Trichlorobenzene	15.452	180	12156	11.448	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Nov 30 02:51:41 2023
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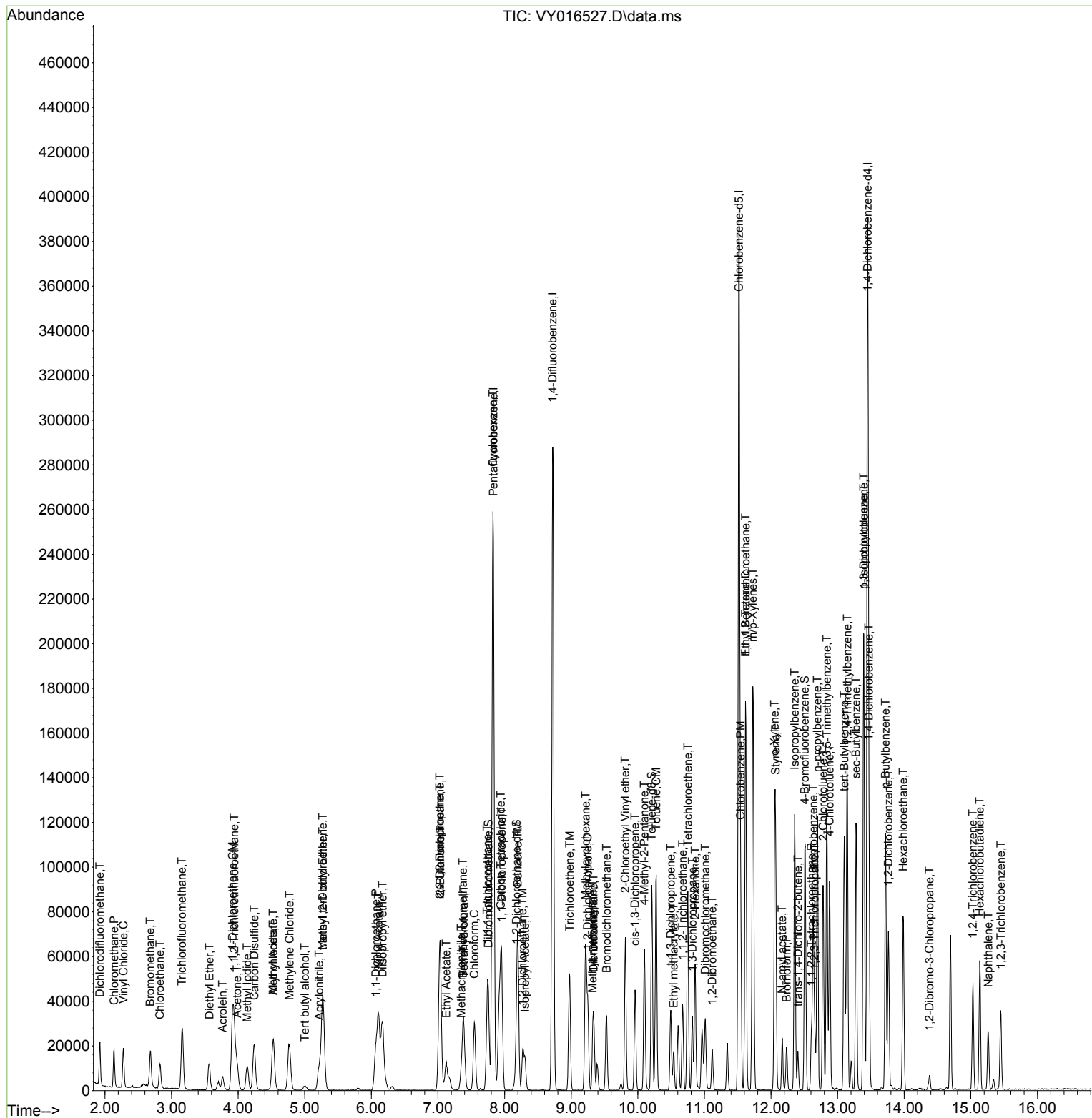
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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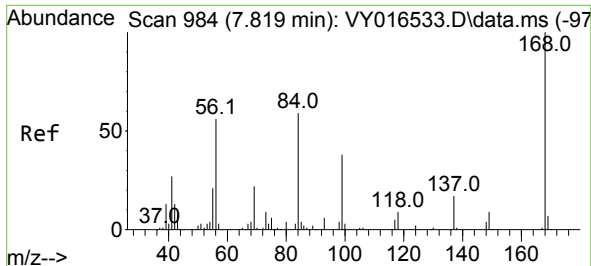
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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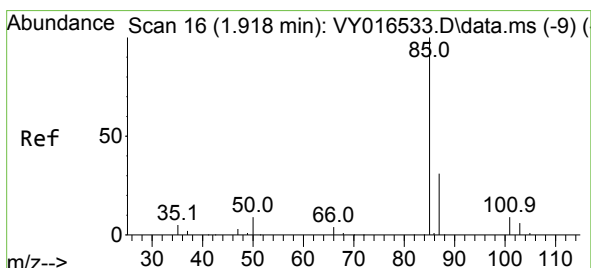
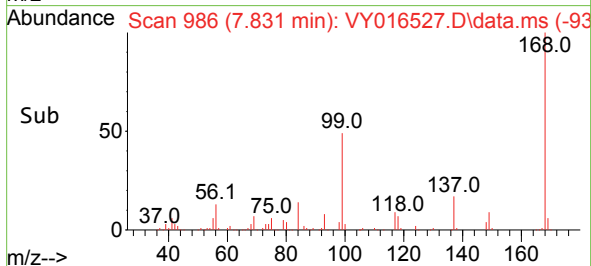
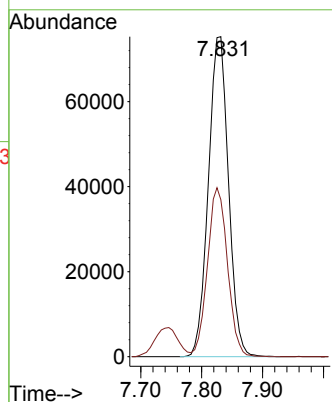
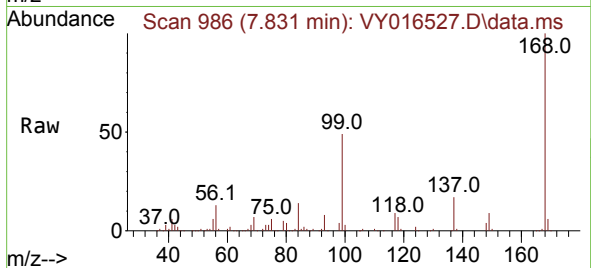




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.831 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016527.D
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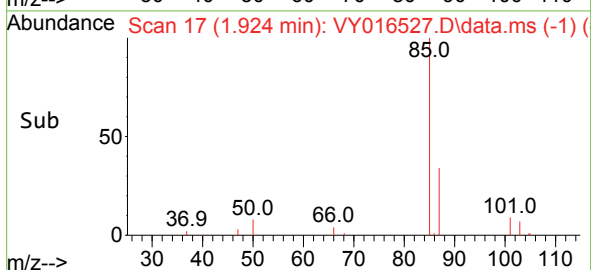
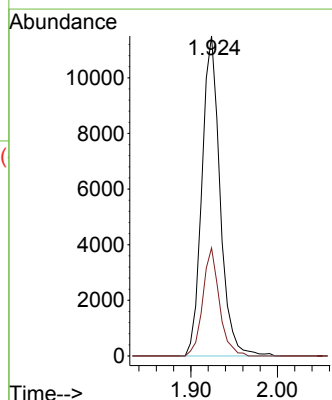
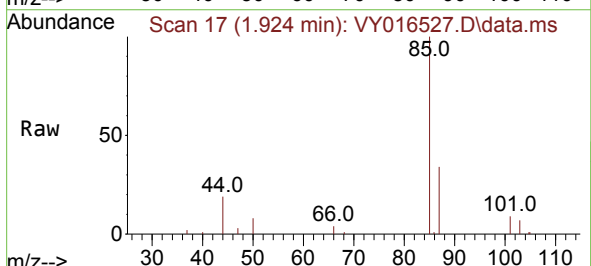
Instrument :
MSVOA_Y
ClientSampleId :

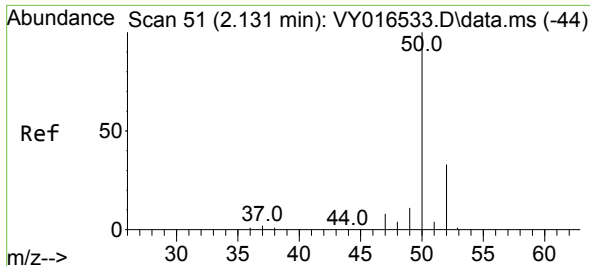
Tgt Ion:168 Resp: 172577
Ion Ratio Lower Upper
168 100
99 49.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 11.113 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 85 Resp: 16706
Ion Ratio Lower Upper
85 100
87 33.8 15.6 46.8

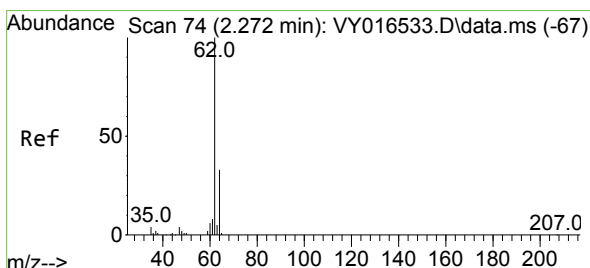
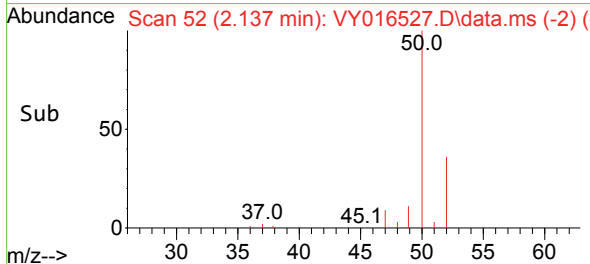
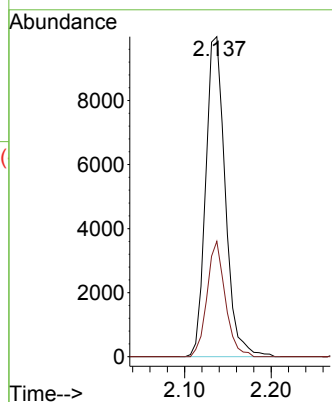
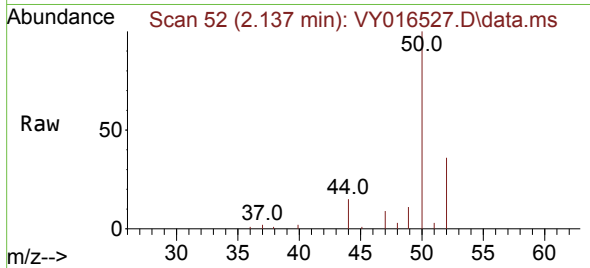




#3
Chloromethane
Concen: 10.443 ug/l
RT: 2.137 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

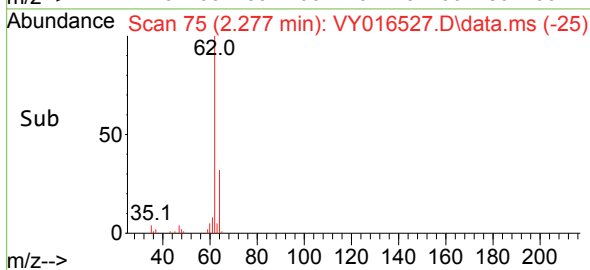
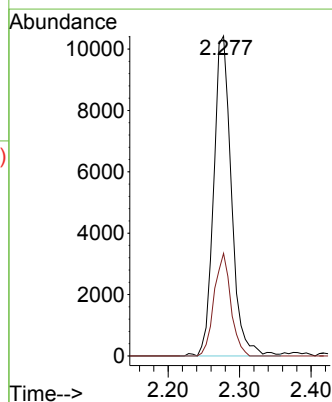
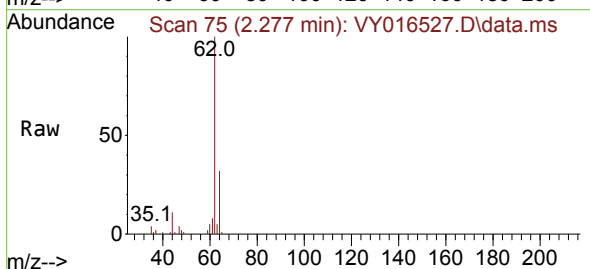
Instrument :
MSVOA_Y
ClientSampleId :

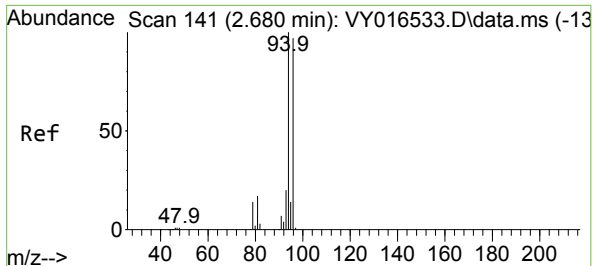
Tgt Ion: 50 Resp: 15660
Ion Ratio Lower Upper
50 100
52 36.0 25.4 38.2



#4
Vinyl Chloride
Concen: 10.617 ug/l
RT: 2.277 min Scan# 75
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 62 Resp: 17971
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5

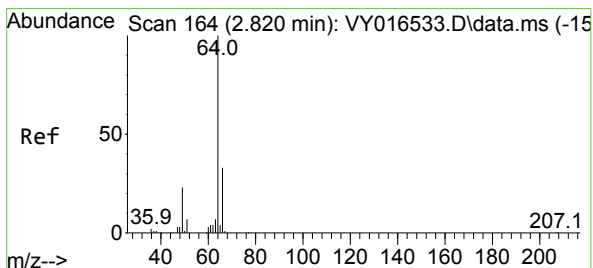
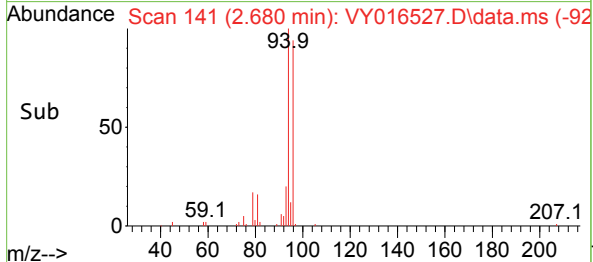
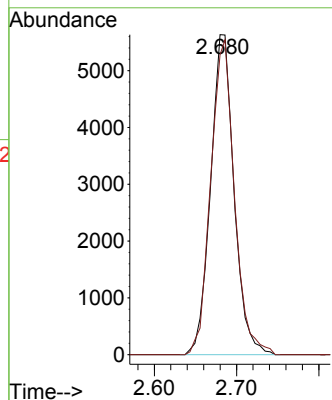
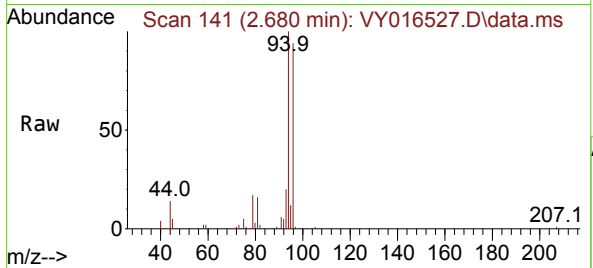




#5
Bromomethane
Concen: 10.178 ug/l
RT: 2.680 min Scan# 141
Delta R.T. -0.000 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

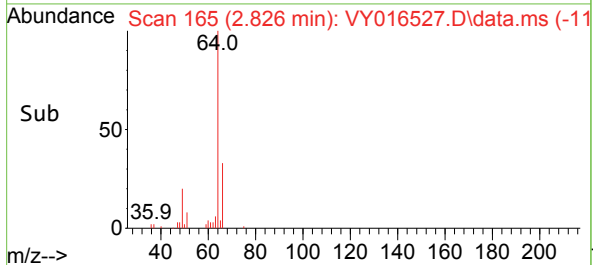
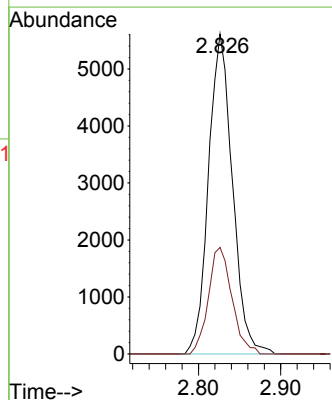
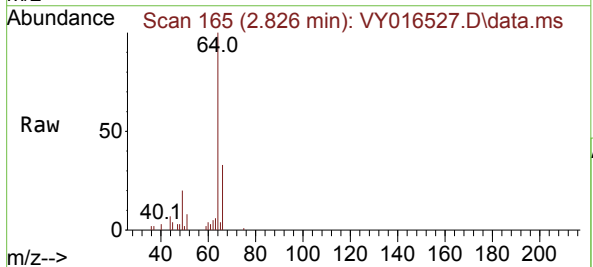
Instrument :
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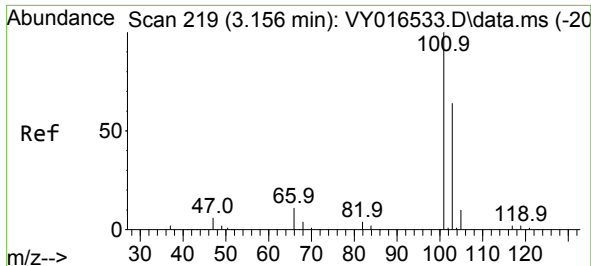
Tgt Ion: 94 Resp: 11152
Ion Ratio Lower Upper
94 100
96 93.7 75.8 113.6



#6
Chloroethane
Concen: 10.399 ug/l
RT: 2.826 min Scan# 165
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 64 Resp: 11363
Ion Ratio Lower Upper
64 100
66 33.3 24.4 36.6

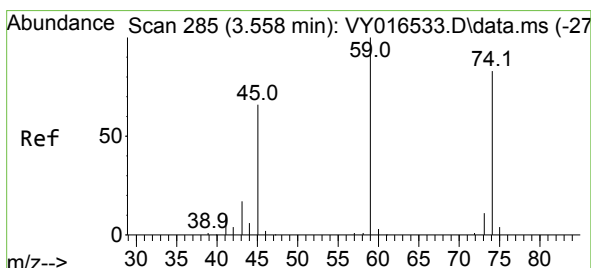
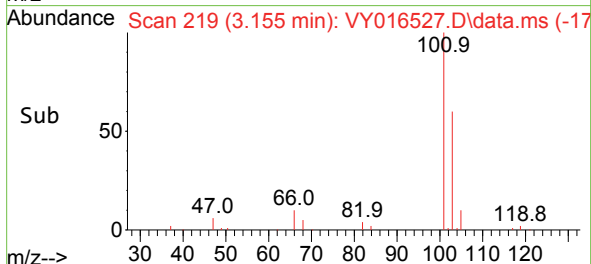
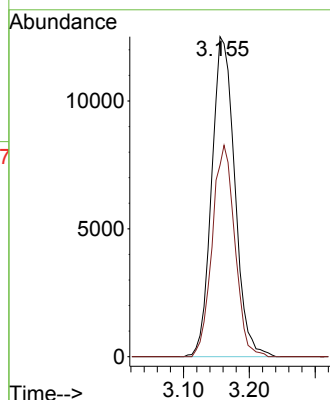
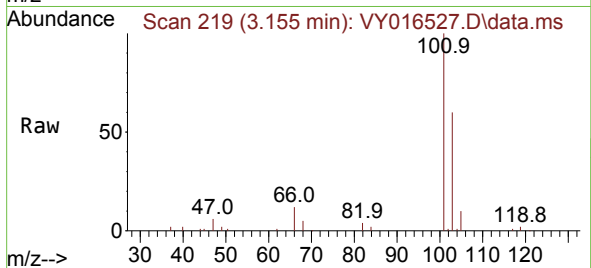




#7
Trichlorofluoromethane
Concen: 10.412 ug/l
RT: 3.155 min Scan# 219
Delta R.T. -0.000 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

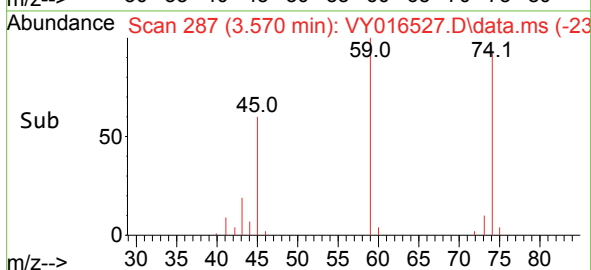
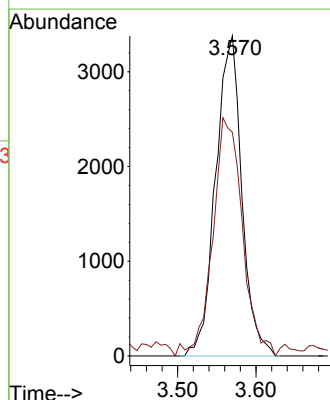
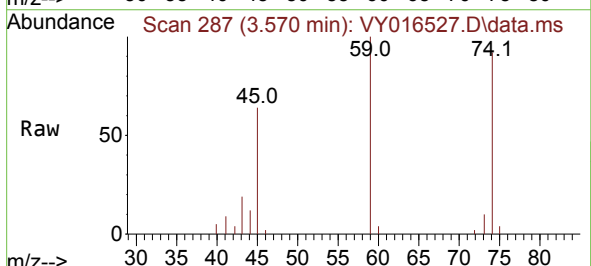
Instrument :
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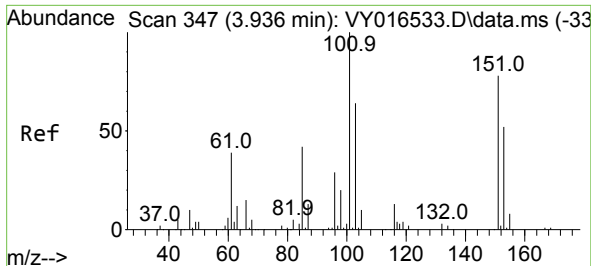
Tgt Ion:101 Resp: 30510
Ion Ratio Lower Upper
101 100
103 59.9 51.4 77.0



#8
Diethyl Ether
Concen: 10.086 ug/l
RT: 3.570 min Scan# 287
Delta R.T. 0.012 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 74 Resp: 7850
Ion Ratio Lower Upper
74 100
45 84.0 51.5 154.5

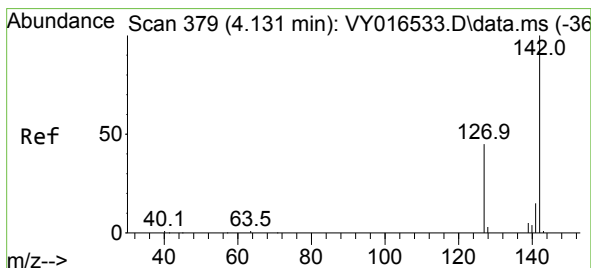
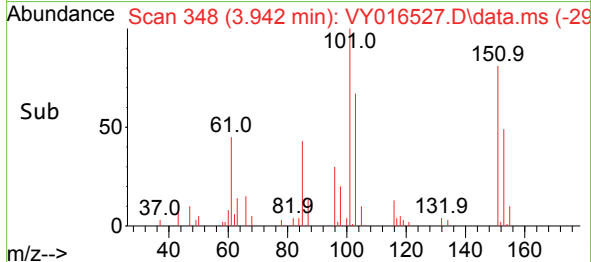
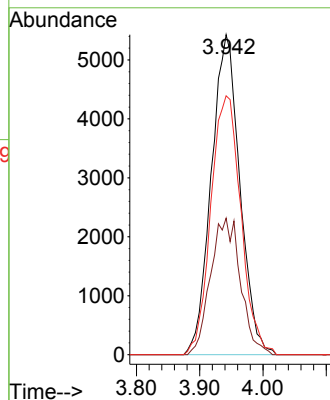
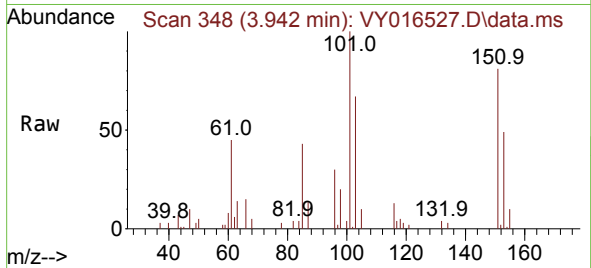




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.232 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

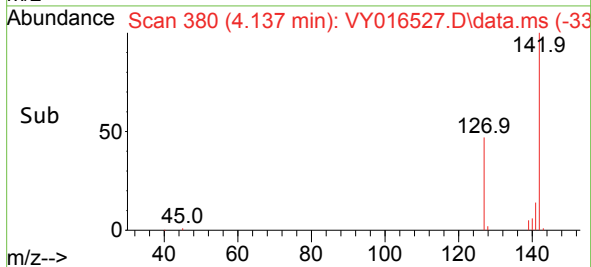
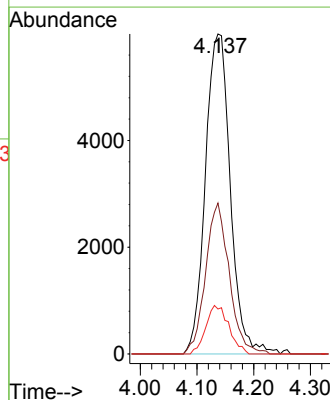
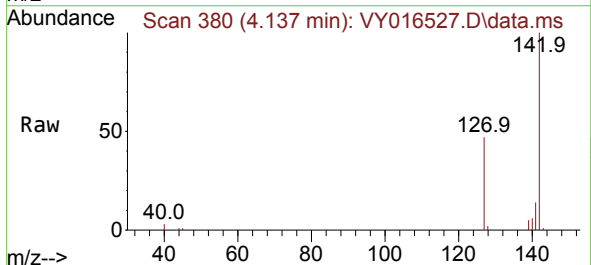
Instrument :
MSVOA_Y
ClientSampleId :

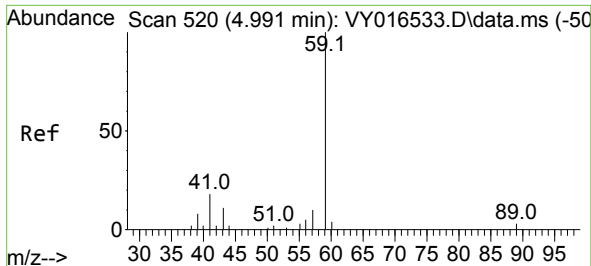
Tgt Ion:101 Resp: 17019
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 85.0 67.0 100.6



#10
Methyl Iodide
Concen: 9.729 ug/l
RT: 4.137 min Scan# 380
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

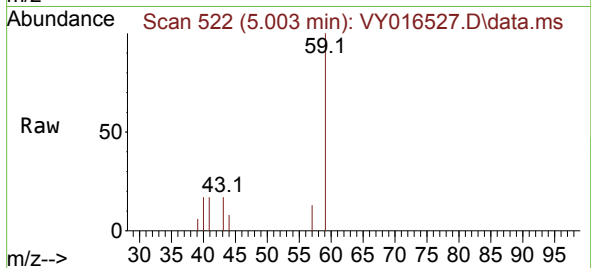
Tgt Ion:142 Resp: 18309
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 14.0 11.8 17.8



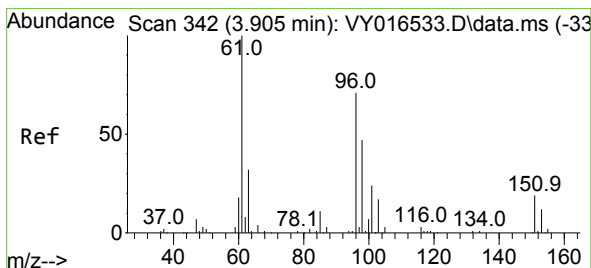
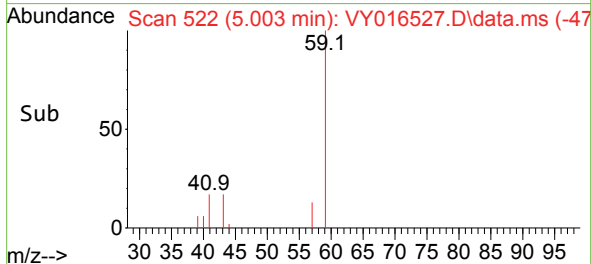
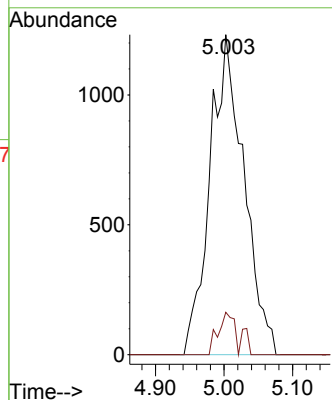


#11
Tert butyl alcohol
Concen: 49.019 ug/l
RT: 5.003 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Instrument :
MSVOA_Y
ClientSampleId :

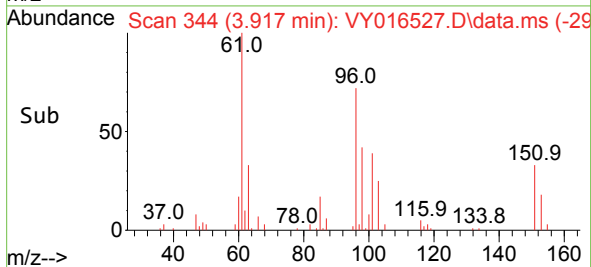
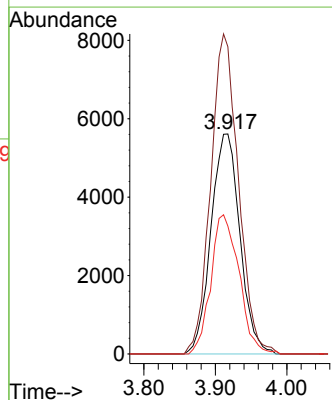
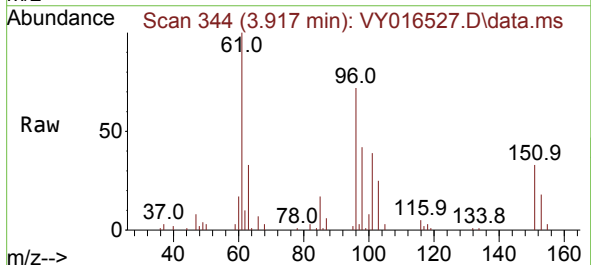


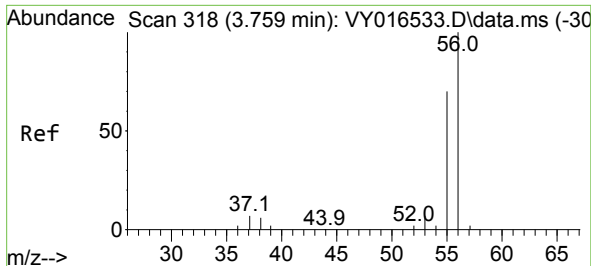
Tgt Ion: 59 Resp: 4236
Ion Ratio Lower Upper
59 100
57 6.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 10.136 ug/l
RT: 3.917 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 96 Resp: 15757
Ion Ratio Lower Upper
96 100
61 139.7 136.4 204.6
98 58.1 49.4 74.2





#13

Acrolein

Concen: 48.562 ug/l

RT: 3.765 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

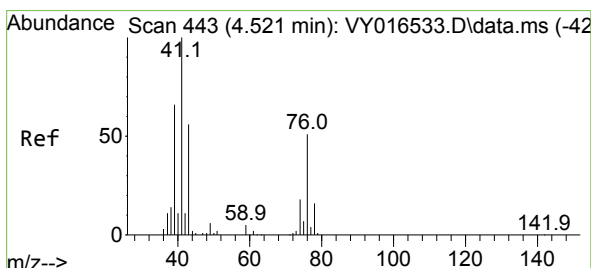
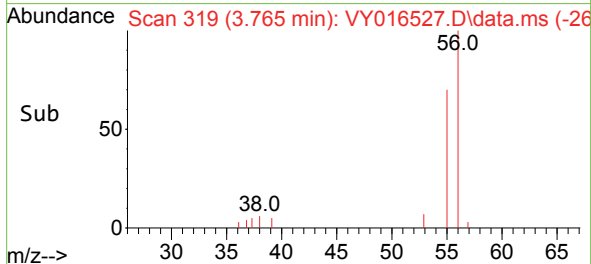
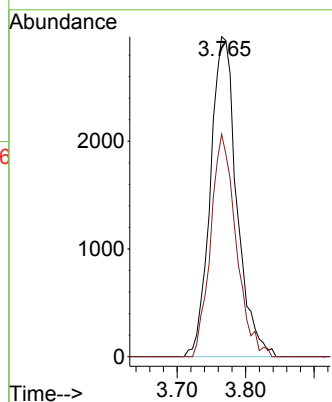
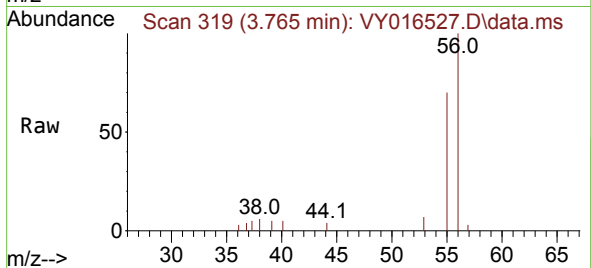
ClientSampleId :

Tgt Ion: 56 Resp: 7952

Ion Ratio Lower Upper

56 100

55 66.9 57.0 85.4



#14

Allyl chloride

Concen: 10.042 ug/l

RT: 4.527 min Scan# 444

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

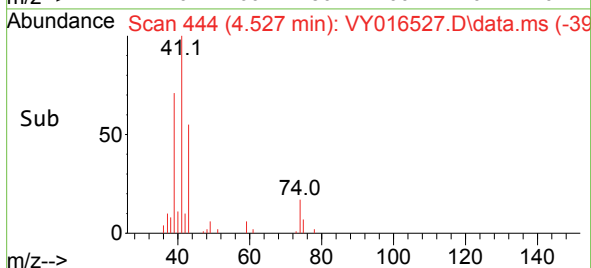
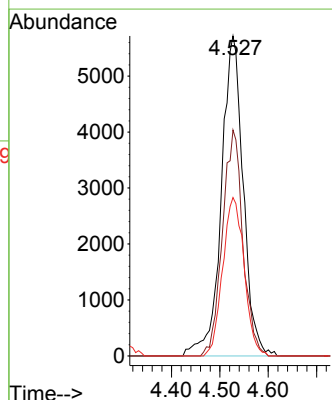
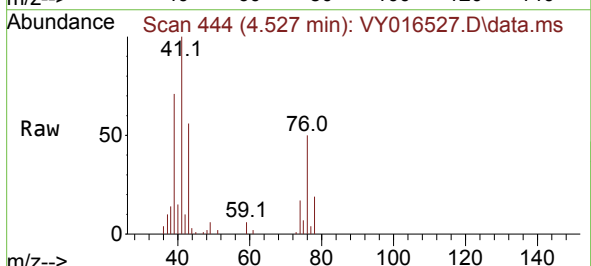
Tgt Ion: 41 Resp: 17947

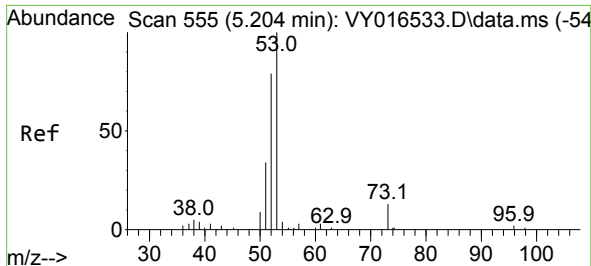
Ion Ratio Lower Upper

41 100

39 65.9 58.0 87.0

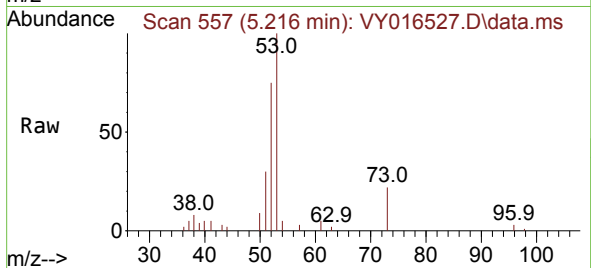
76 48.5 27.4 41.2#



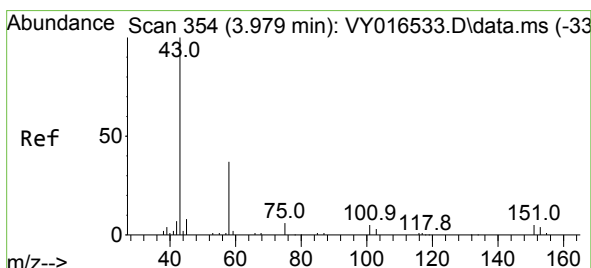
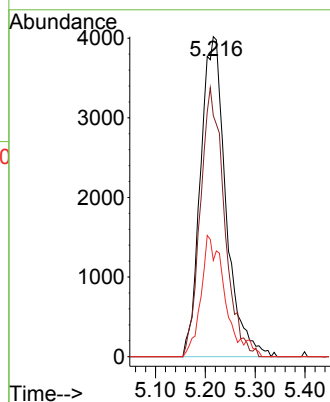
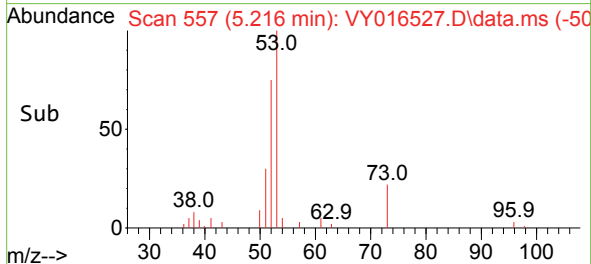


#15
Acrylonitrile
Concen: 51.753 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Instrument :
MSVOA_Y
ClientSampleId :

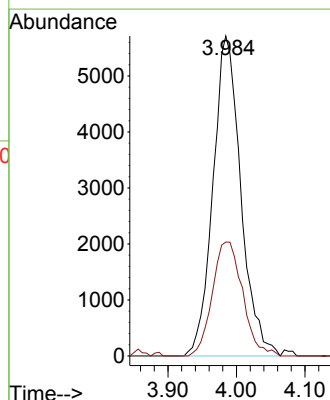
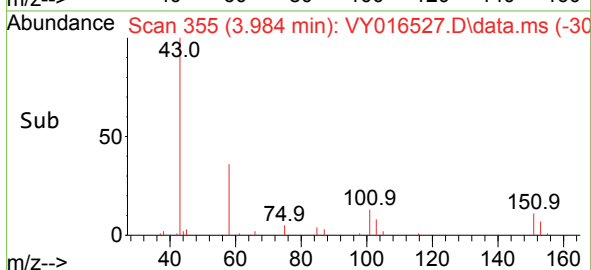
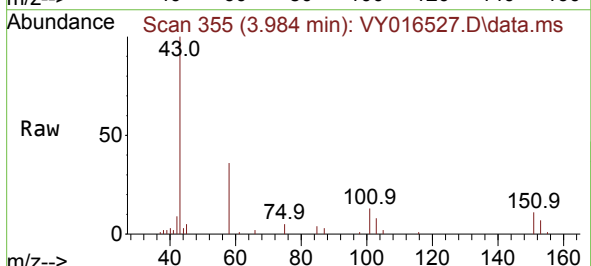


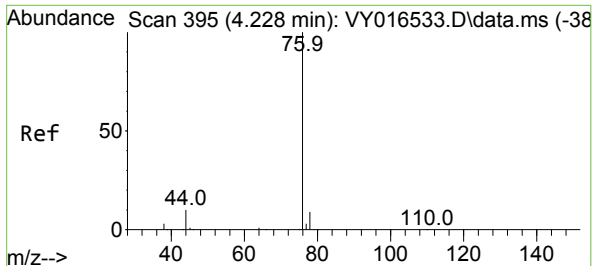
Tgt Ion: 53 Resp: 14253
Ion Ratio Lower Upper
53 100
52 78.9 66.9 100.3
51 34.3 29.8 44.6



#16
Acetone
Concen: 61.432 ug/l
RT: 3.984 min Scan# 355
Delta R.T. 0.005 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 43 Resp: 16100
Ion Ratio Lower Upper
43 100
58 35.6 22.7 34.1#





#17

Carbon Disulfide

Concen: 10.080 ug/l

RT: 4.241 min Scan# 397

Delta R.T. 0.012 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

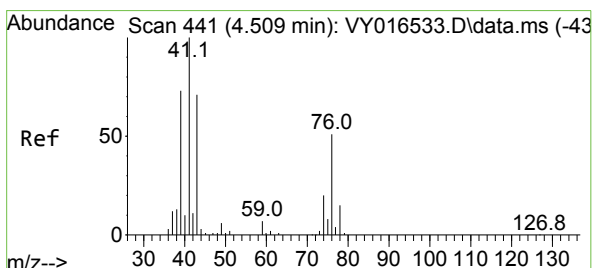
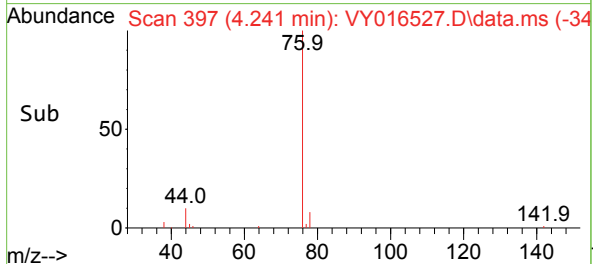
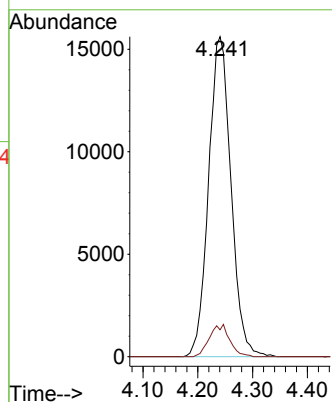
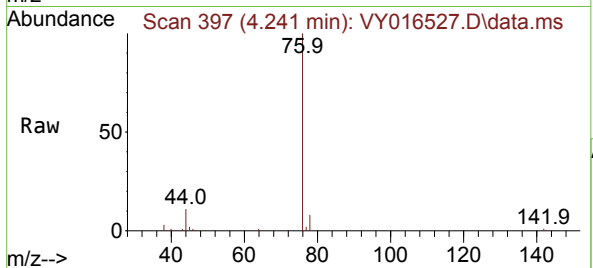
ClientSampleId :

Tgt Ion: 76 Resp: 44210

Ion Ratio Lower Upper

76 100

78 8.4 7.0 10.4



#18

Methyl Acetate

Concen: 9.723 ug/l

RT: 4.527 min Scan# 444

Delta R.T. 0.018 min

Lab File: VY016527.D

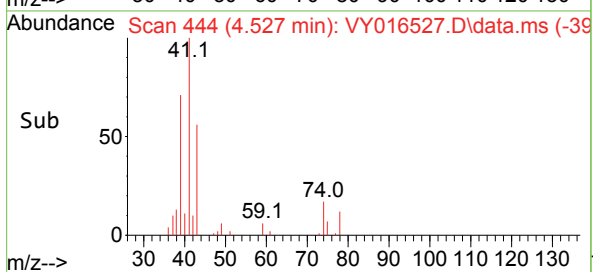
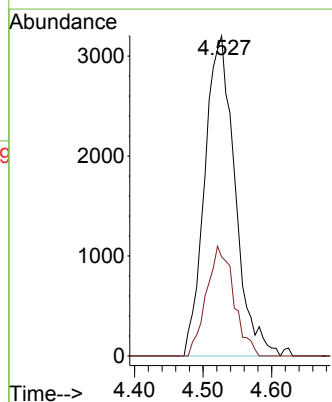
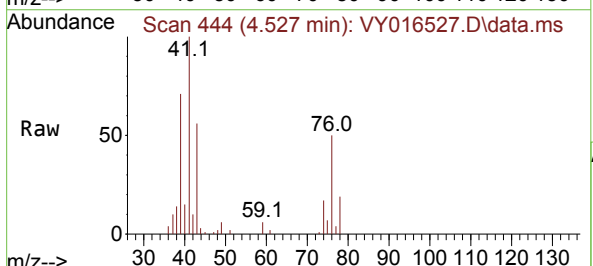
Acq: 29 Nov 2023 09:10

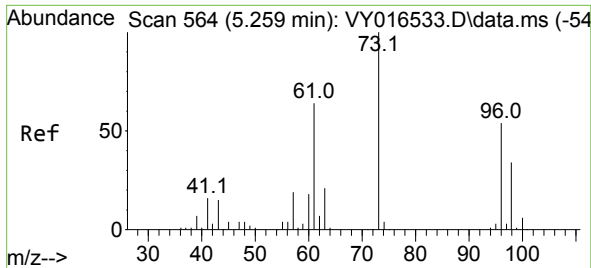
Tgt Ion: 43 Resp: 9813

Ion Ratio Lower Upper

43 100

74 31.1 17.4 26.0#

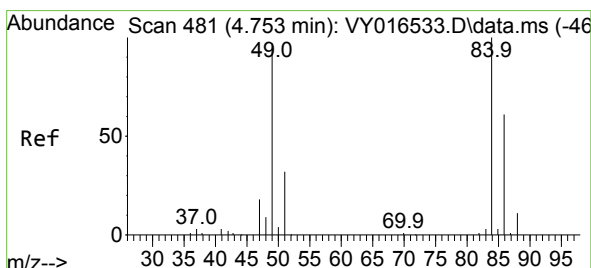
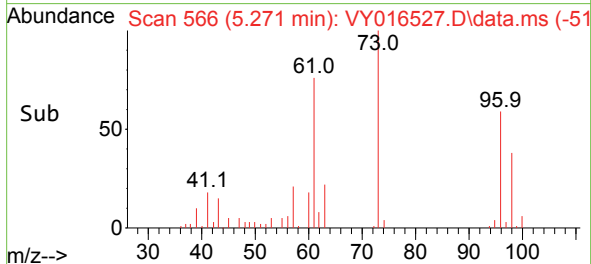
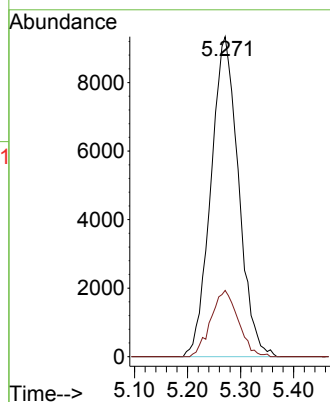
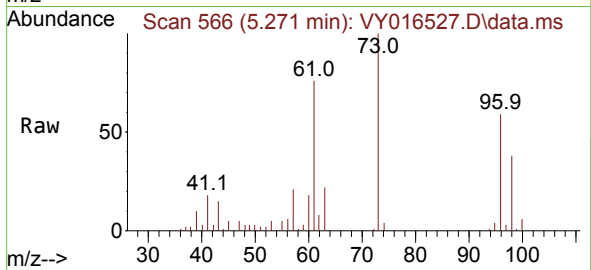




#19
Methyl tert-butyl Ether
Concen: 9.984 ug/l
RT: 5.271 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

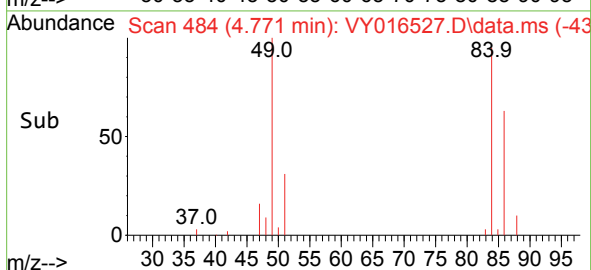
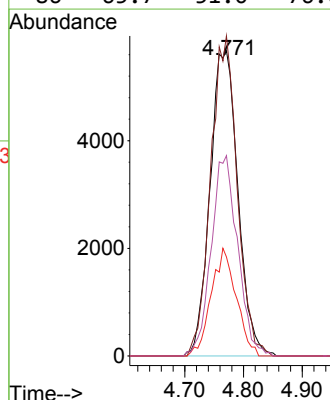
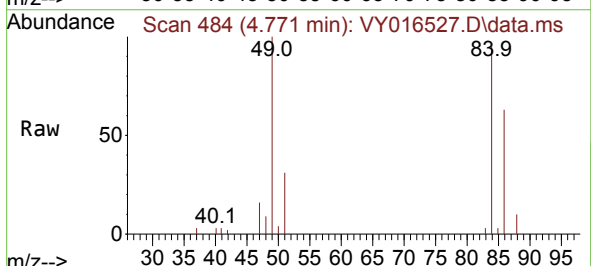
Instrument :
MSVOA_Y
ClientSampleId :

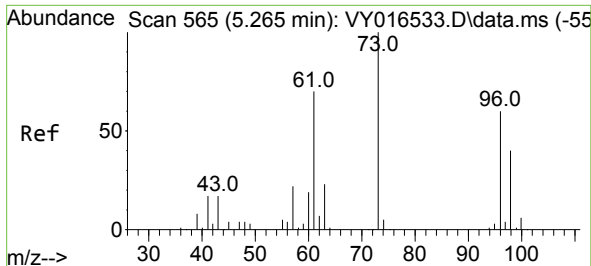
Tgt Ion: 73 Resp: 33824
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9



#20
Methylene Chloride
Concen: 9.575 ug/l
RT: 4.771 min Scan# 484
Delta R.T. 0.018 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

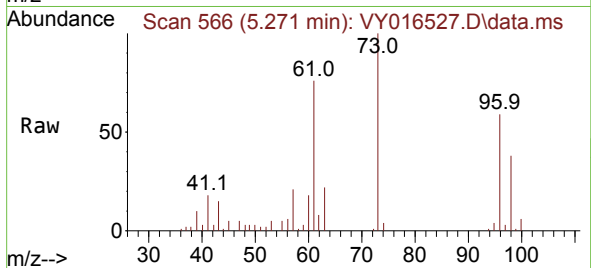
Tgt Ion: 84 Resp: 18731
Ion Ratio Lower Upper
84 100
49 104.9 106.9 160.3#
51 32.4 33.2 49.8#
86 65.7 51.0 76.6



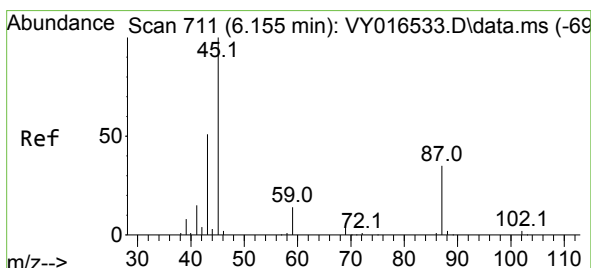
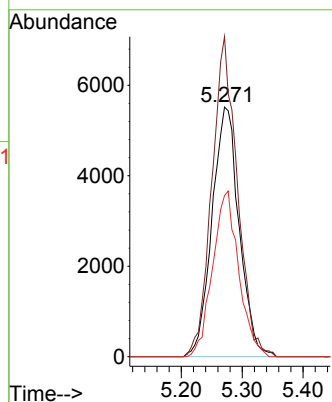
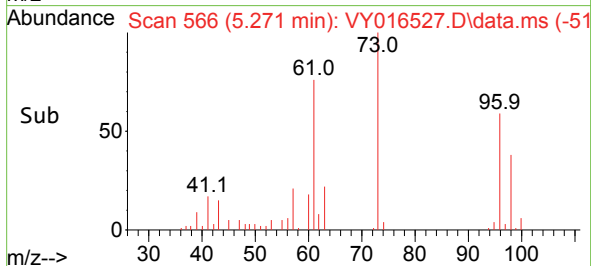


#21
trans-1,2-Dichloroethene
Concen: 9.846 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

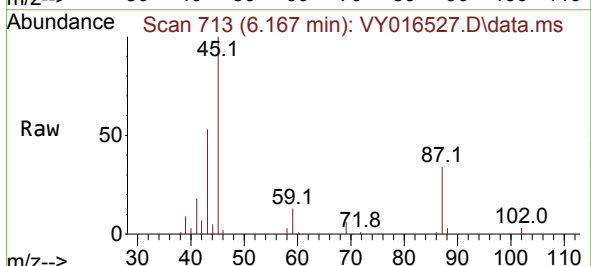
Instrument :
MSVOA_Y
ClientSampleId :



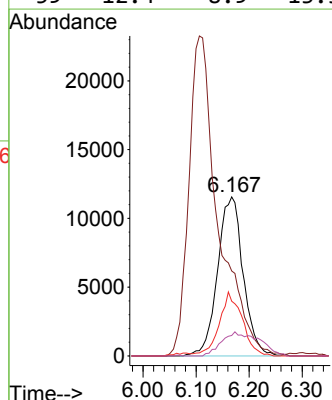
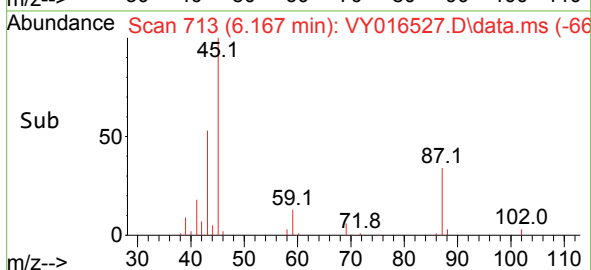
Tgt Ion: 96 Resp: 17047
Ion Ratio Lower Upper
96 100
61 128.2 110.2 165.4
98 64.6 51.8 77.6

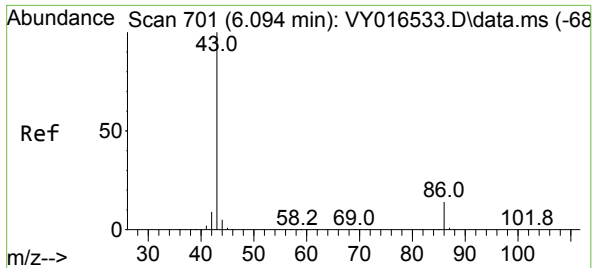


#22
Diisopropyl ether
Concen: 10.347 ug/l
RT: 6.167 min Scan# 713
Delta R.T. 0.012 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10



Tgt Ion: 45 Resp: 38772
Ion Ratio Lower Upper
45 100
43 52.0 52.2 78.4#
87 34.3 21.0 31.6#
59 12.4 8.9 13.3

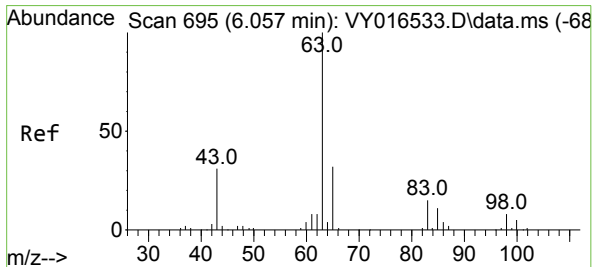
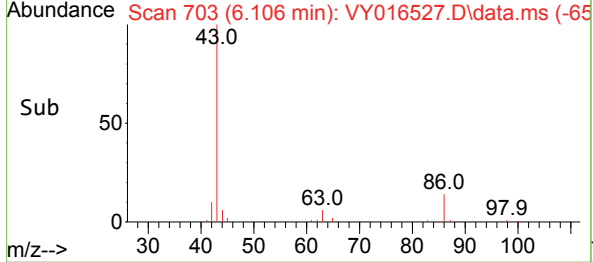
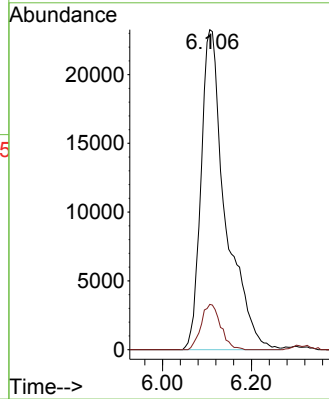
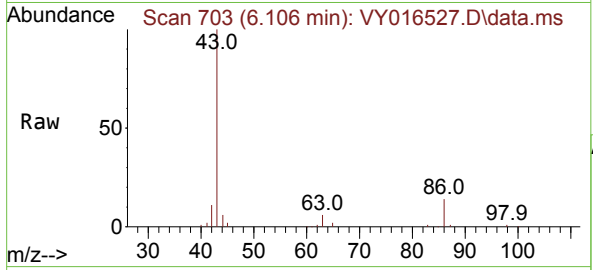




#23
 Vinyl Acetate
 Concen: 51.725 ug/l
 RT: 6.106 min Scan# 701
 Delta R.T. 0.012 min
 Lab File: VY016527.D
 Acq: 29 Nov 2023 09:10

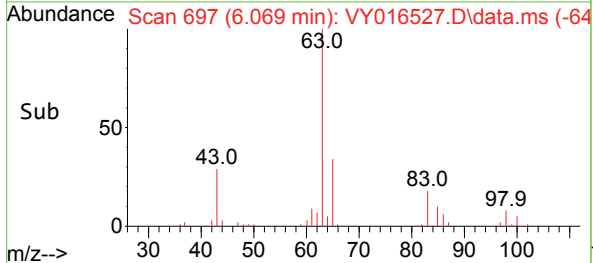
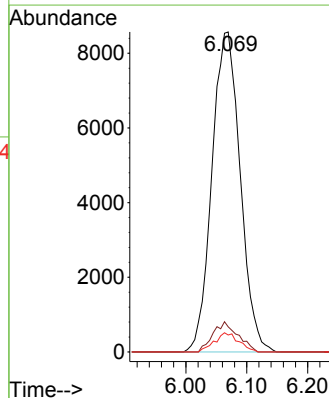
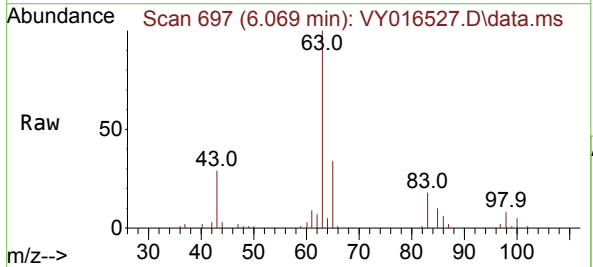
Instrument :
 MSVOA_Y
 ClientSampleId :

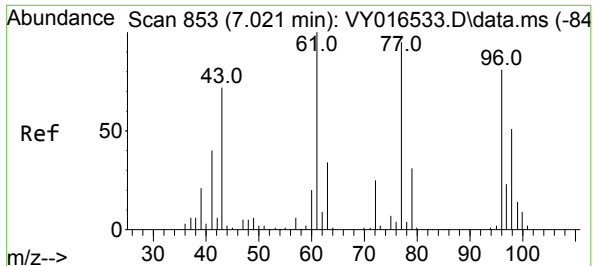
Tgt Ion: 43 Resp: 89386
 Ion Ratio Lower Upper
 43 100
 86 14.2 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 10.446 ug/l
 RT: 6.069 min Scan# 697
 Delta R.T. 0.012 min
 Lab File: VY016527.D
 Acq: 29 Nov 2023 09:10

Tgt Ion: 63 Resp: 27626
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 5.3 1.8 5.5





#25

2-Butanone

Concen: 59.205 ug/l

RT: 7.033 min Scan# 855

Delta R.T. 0.012 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

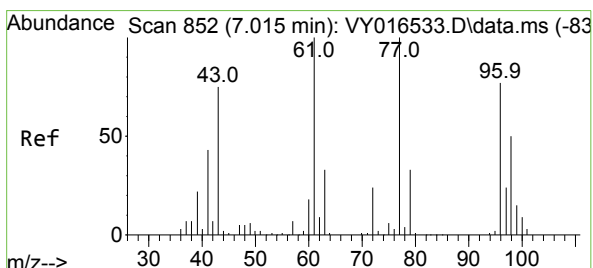
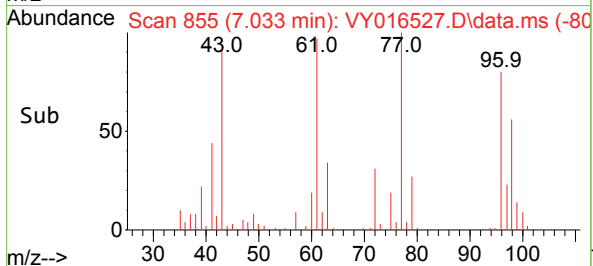
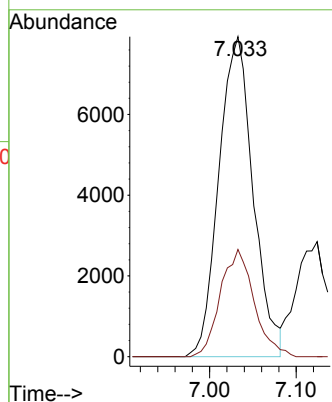
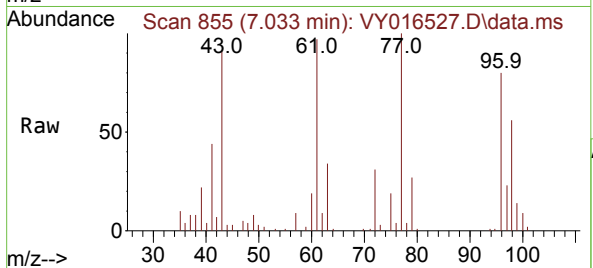
ClientSampleId :

Tgt Ion: 43 Resp: 21779

Ion Ratio Lower Upper

43 100

72 33.5 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 10.194 ug/l

RT: 7.027 min Scan# 854

Delta R.T. 0.012 min

Lab File: VY016527.D

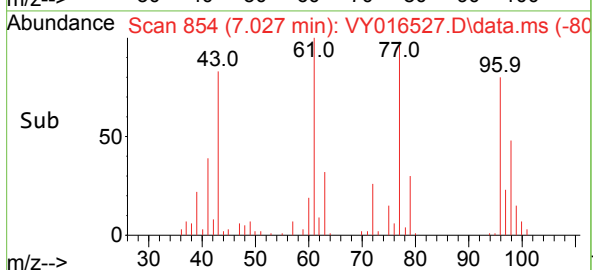
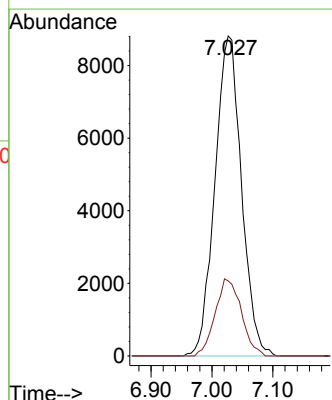
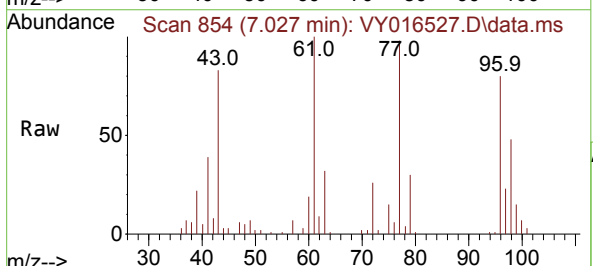
Acq: 29 Nov 2023 09:10

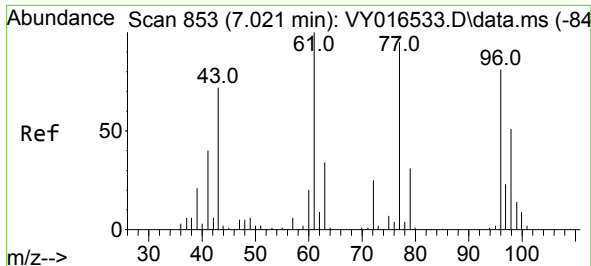
Tgt Ion: 77 Resp: 26644

Ion Ratio Lower Upper

77 100

97 23.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 10.422 ug/l

RT: 7.027 min Scan# 854

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

ClientSampleId :

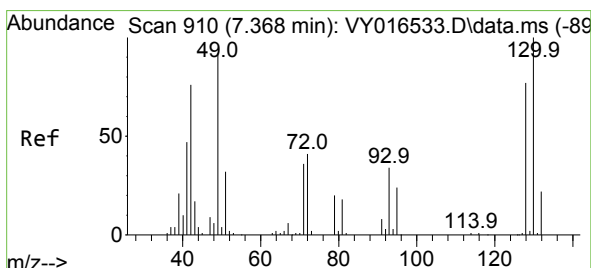
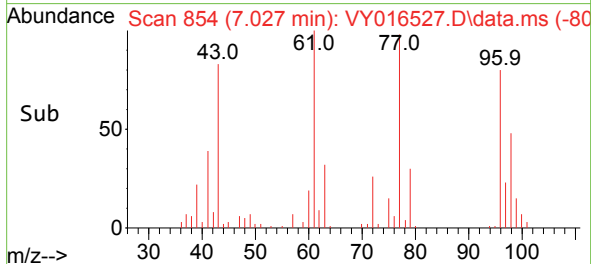
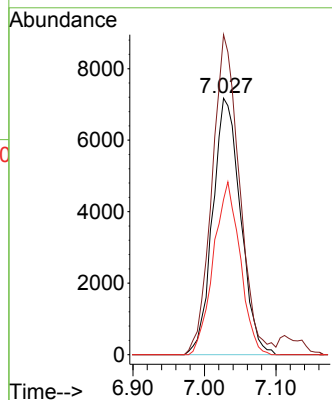
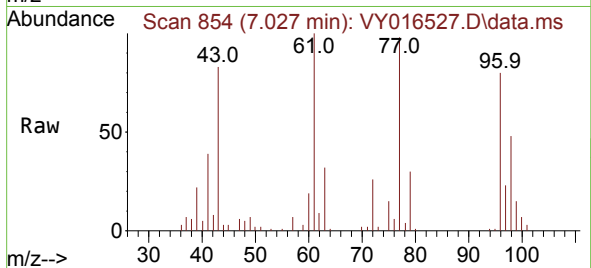
Tgt Ion: 96 Resp: 19386

Ion Ratio Lower Upper

96 100

61 123.5 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 10.684 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

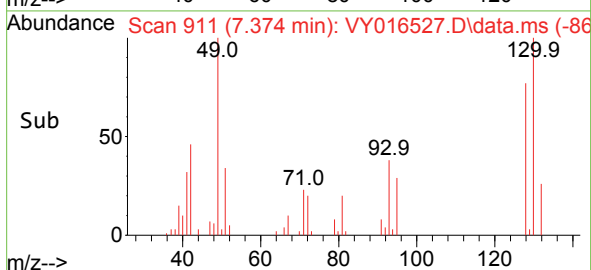
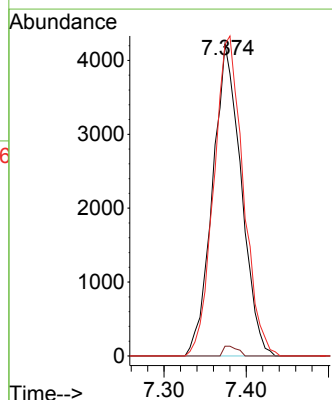
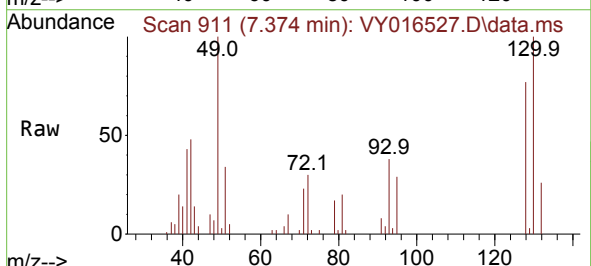
Tgt Ion: 49 Resp: 10212

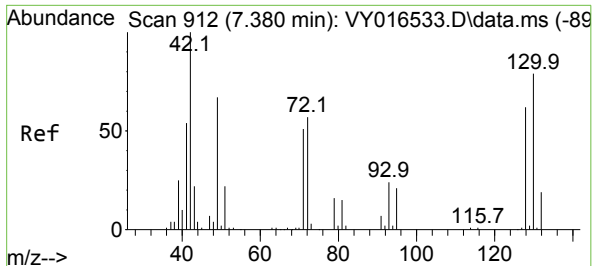
Ion Ratio Lower Upper

49 100

129 1.6 0.0 4.6

130 105.1 60.7 91.1#





#29

Tetrahydrofuran

Concen: 51.316 ug/l

RT: 7.386 min Scan# 912

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

ClientSampleId :

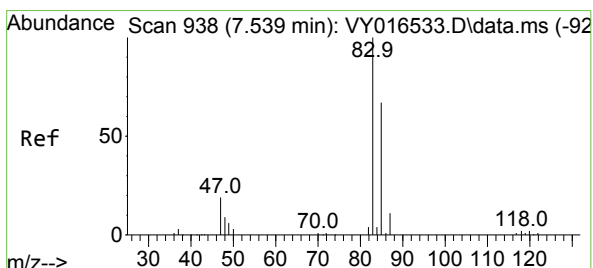
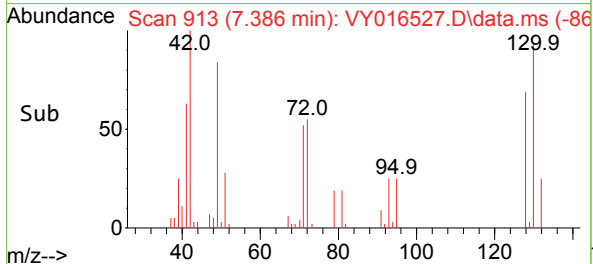
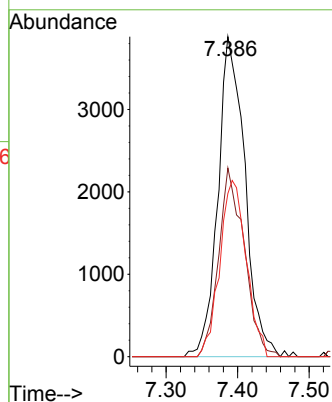
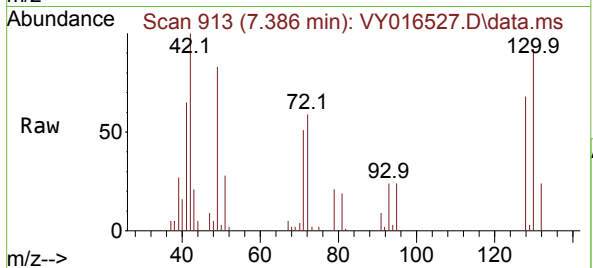
Tgt Ion: 42 Resp: 10141

Ion Ratio Lower Upper

42 100

72 56.2 32.8 49.2#

71 54.3 31.0 46.4#



#30

Chloroform

Concen: 10.365 ug/l

RT: 7.545 min Scan# 939

Delta R.T. 0.006 min

Lab File: VY016527.D

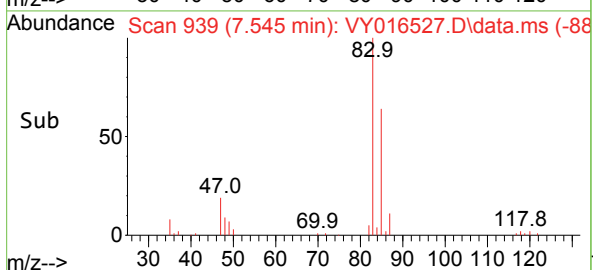
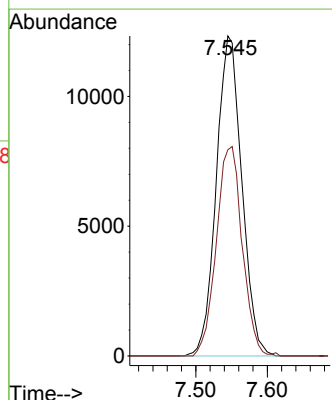
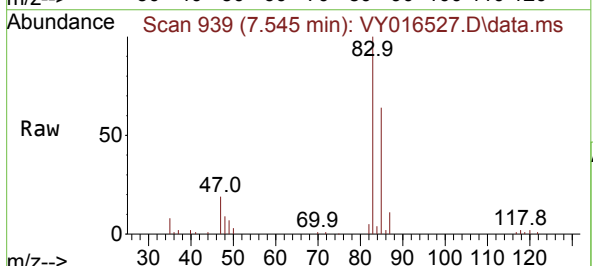
Acq: 29 Nov 2023 09:10

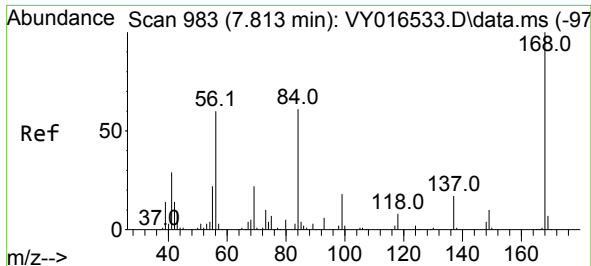
Tgt Ion: 83 Resp: 30552

Ion Ratio Lower Upper

83 100

85 64.5 49.7 74.5

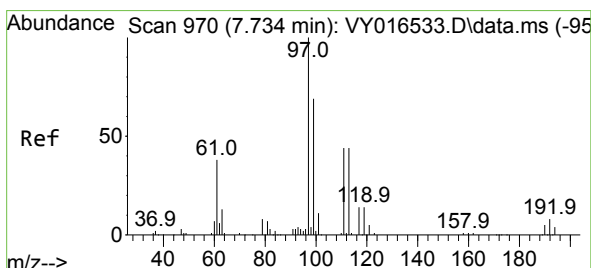
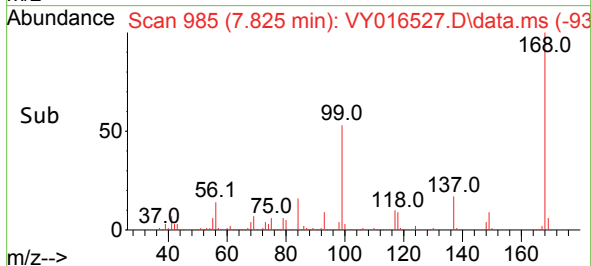
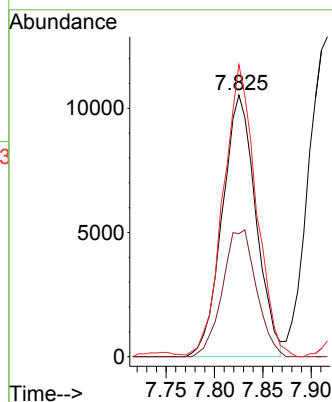
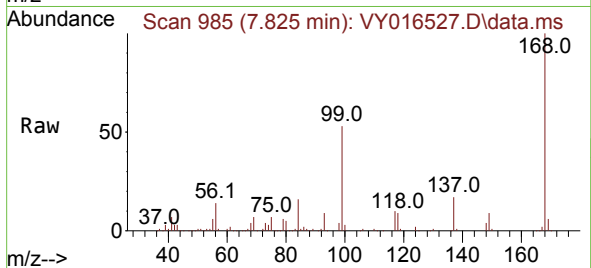




#31
Cyclohexane
Concen: 10.625 ug/l
RT: 7.825 min Scan# 985
Delta R.T. 0.012 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

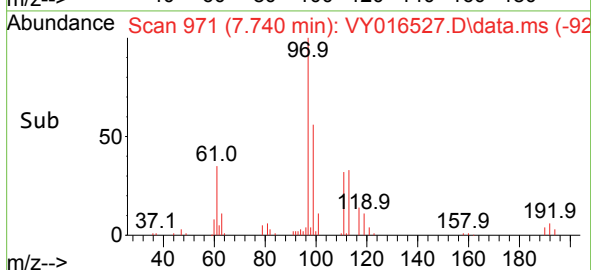
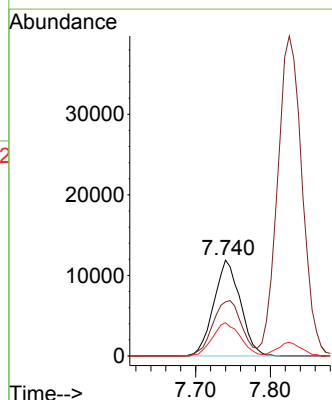
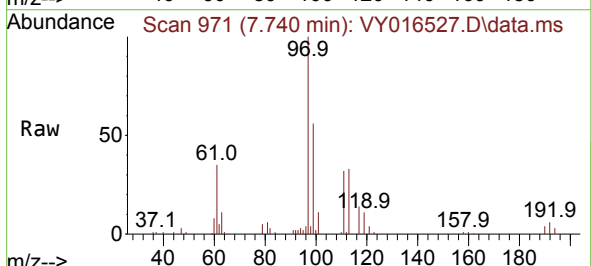
Instrument :
MSVOA_Y
ClientSampleId :

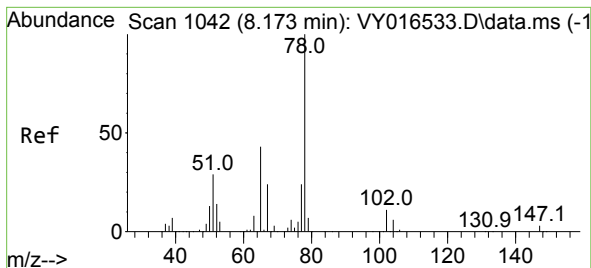
Tgt Ion: 56 Resp: 25433
Ion Ratio Lower Upper
56 100
69 47.1 27.8 41.6#
84 110.7 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 10.275 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 97 Resp: 29350
Ion Ratio Lower Upper
97 100
99 63.3 50.8 76.2
61 36.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 10.620 ug/l

RT: 8.179 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

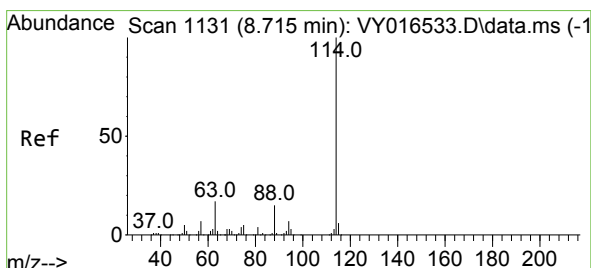
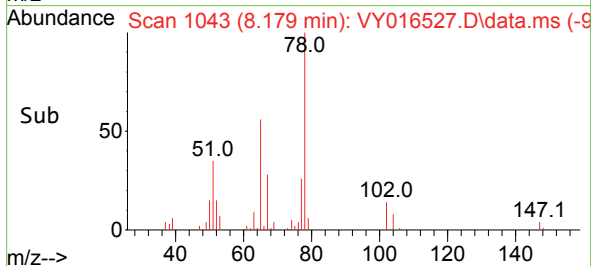
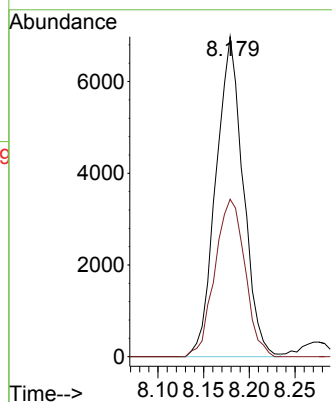
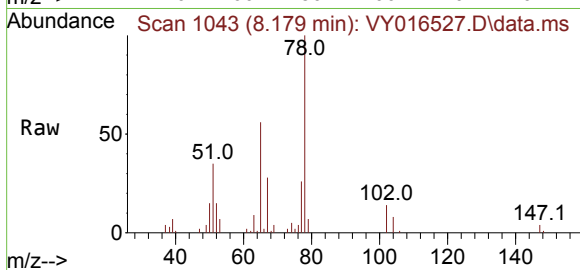
ClientSampleId :

Tgt Ion: 65 Resp: 14480

Ion Ratio Lower Upper

65 100

67 54.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.721 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

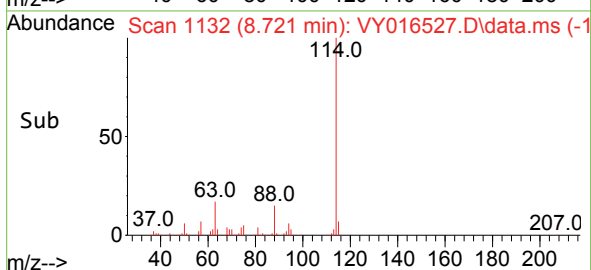
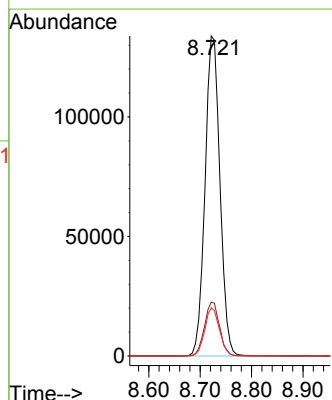
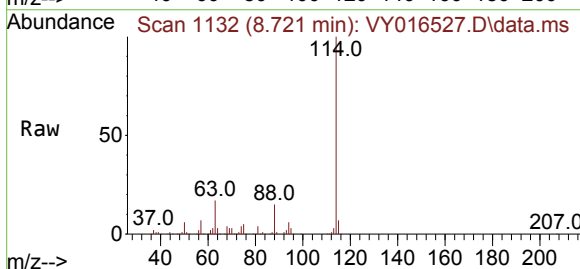
Tgt Ion: 114 Resp: 269189

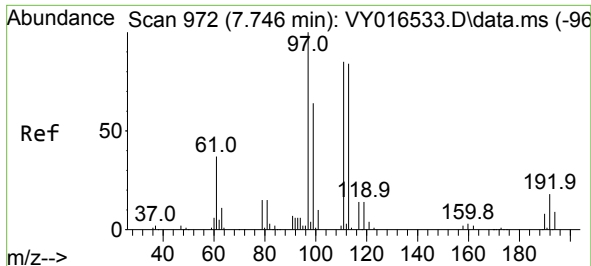
Ion Ratio Lower Upper

114 100

63 16.8 0.0 42.4

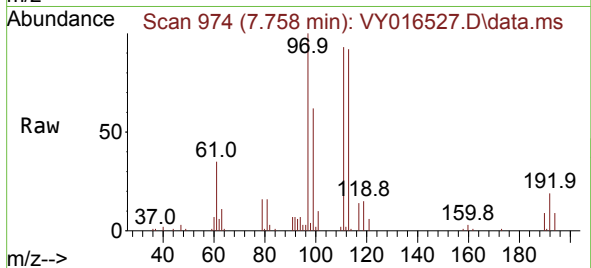
88 15.1 0.0 30.6



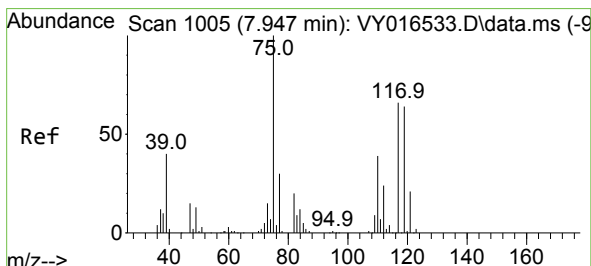
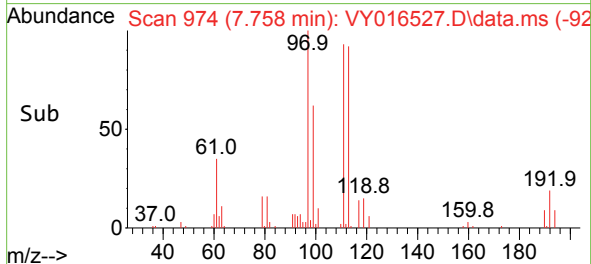
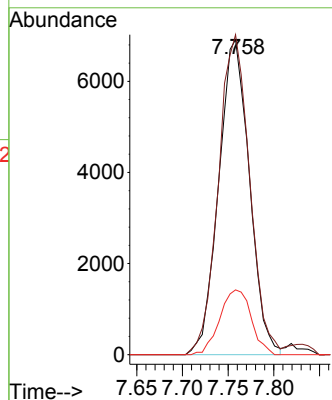


#35
Dibromofluoromethane
Concen: 10.234 ug/l
RT: 7.758 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Instrument :
MSVOA_Y
ClientSampleId :

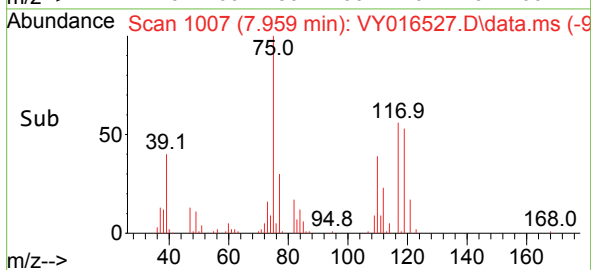
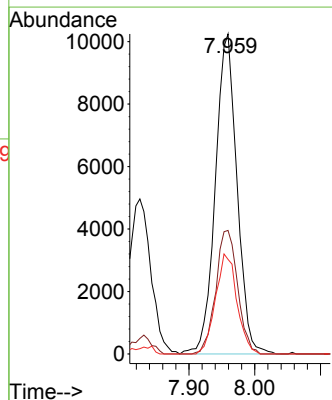
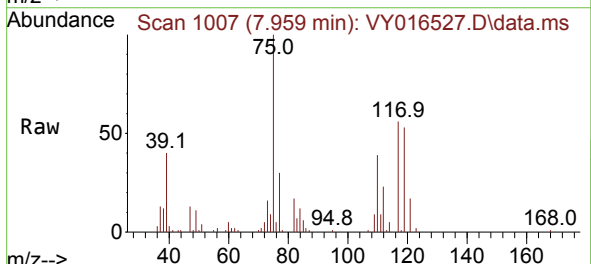


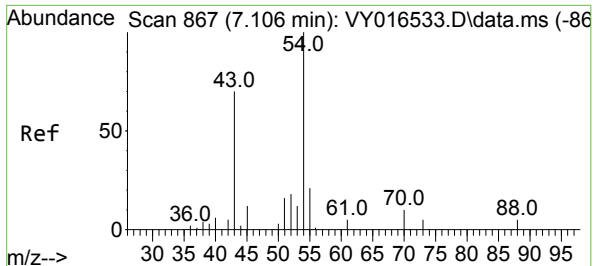
Tgt Ion:113 Resp: 16168
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 21.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 10.063 ug/l
RT: 7.959 min Scan# 1007
Delta R.T. 0.012 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 75 Resp: 23477
Ion Ratio Lower Upper
75 100
110 39.0 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 10.555 ug/l

RT: 7.124 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY016527.D

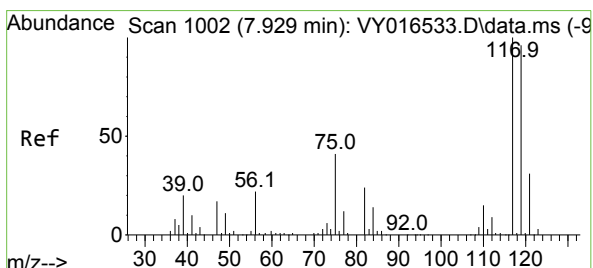
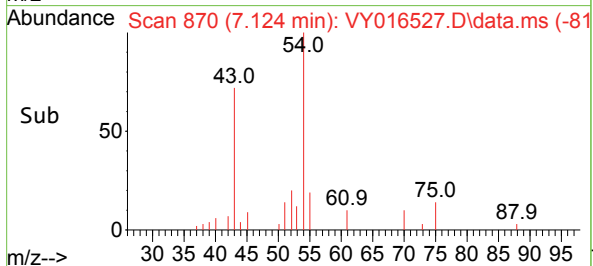
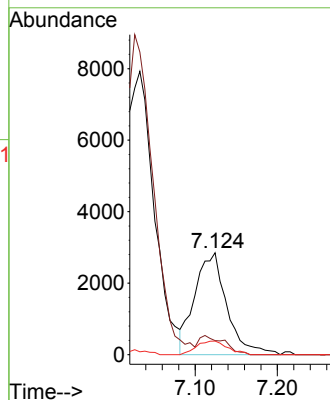
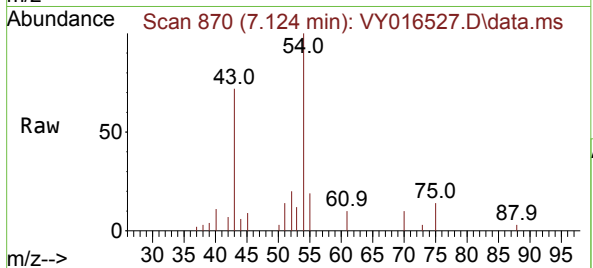
Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp:	7718
Ion	Ratio	Lower Upper
43	100	
61	14.8	10.1 15.1
70	12.9	7.1 10.7#



#38

Carbon Tetrachloride

Concen: 10.100 ug/l

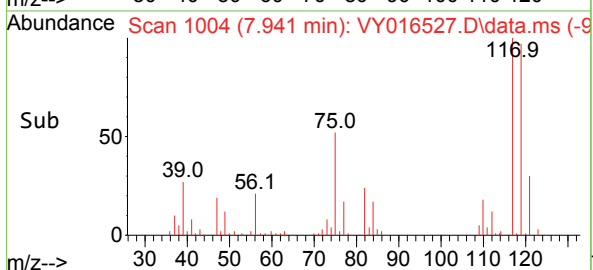
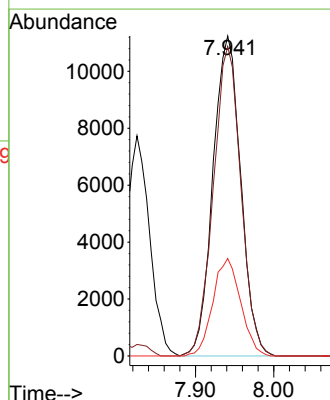
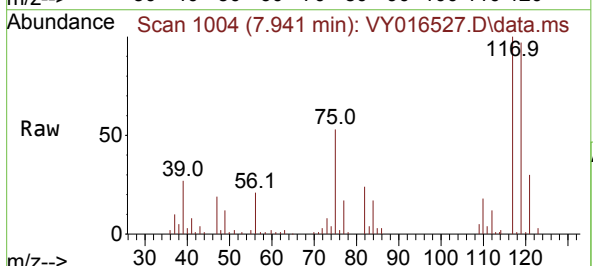
RT: 7.941 min Scan# 1004

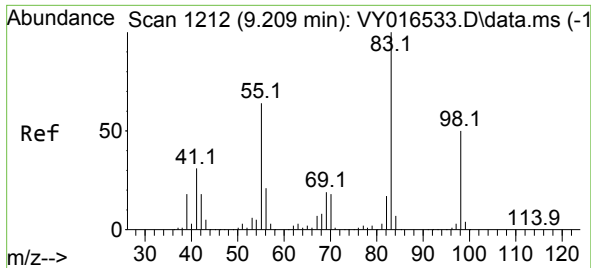
Delta R.T. 0.012 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Tgt Ion: 117	Resp:	27656
Ion	Ratio	Lower Upper
117	100	
119	96.7	76.4 114.6
121	30.5	25.8 38.6





#39

Methylcyclohexane

Concen: 9.872 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

ClientSampleId :

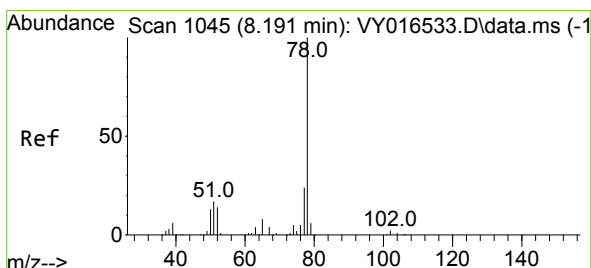
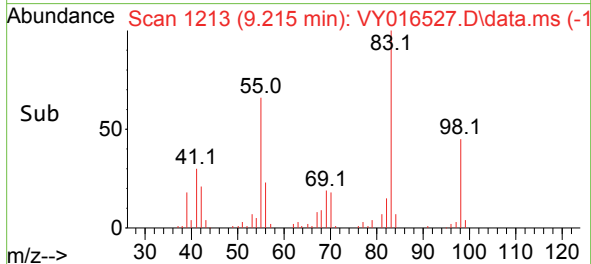
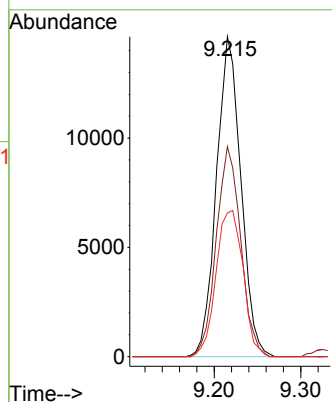
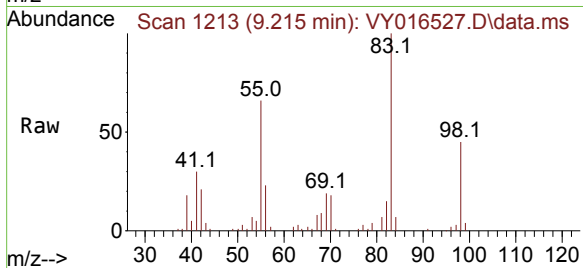
Tgt Ion: 83 Resp: 28727

Ion Ratio Lower Upper

83 100

55 65.7 63.0 94.4

98 44.9 37.4 56.2



#40

Benzene

Concen: 10.170 ug/l

RT: 8.197 min Scan# 1046

Delta R.T. 0.006 min

Lab File: VY016527.D

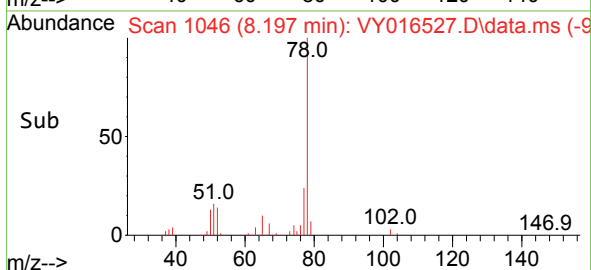
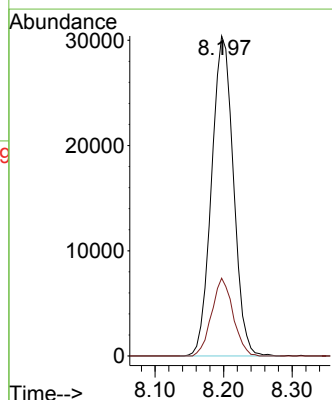
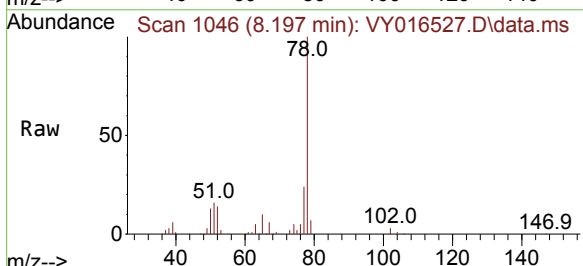
Acq: 29 Nov 2023 09:10

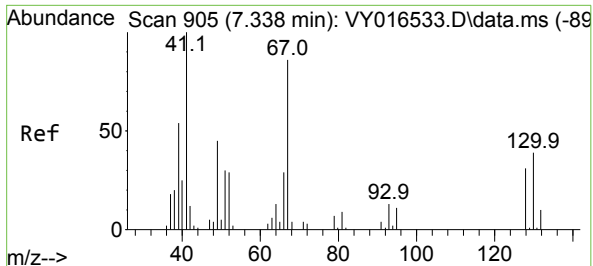
Tgt Ion: 78 Resp: 67271

Ion Ratio Lower Upper

78 100

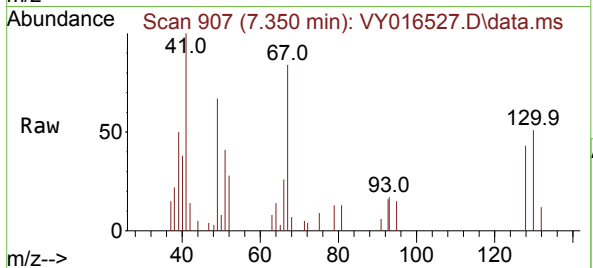
77 24.3 19.0 28.6



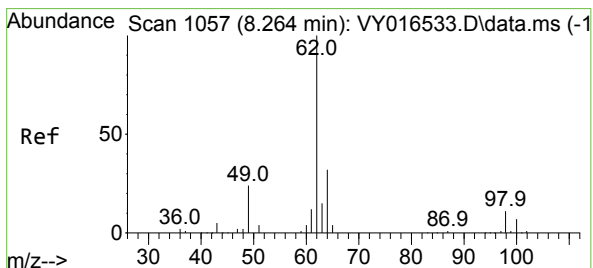
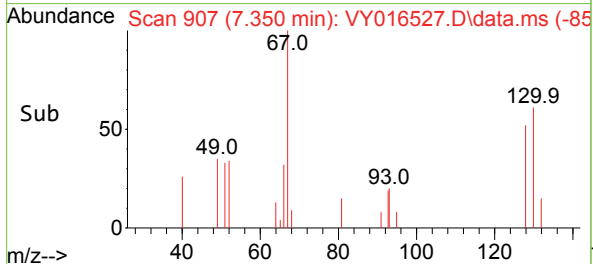
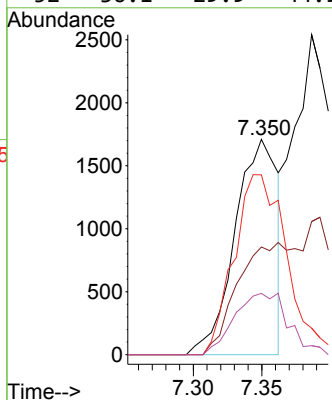


#41
Methacrylonitrile
Concen: 9.123 ug/l
RT: 7.350 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Instrument :
MSVOA_Y
ClientSampleId :

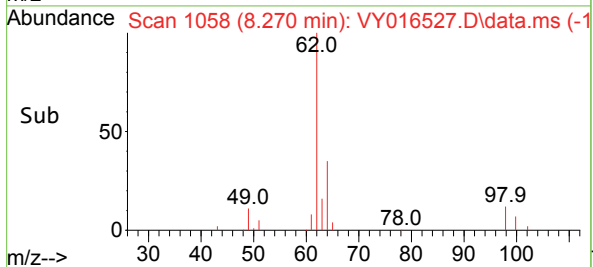
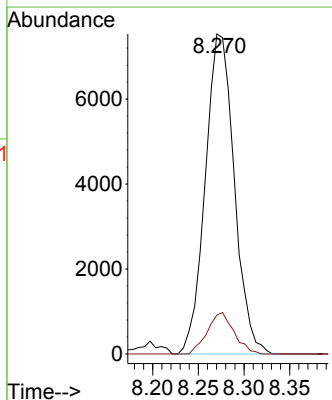
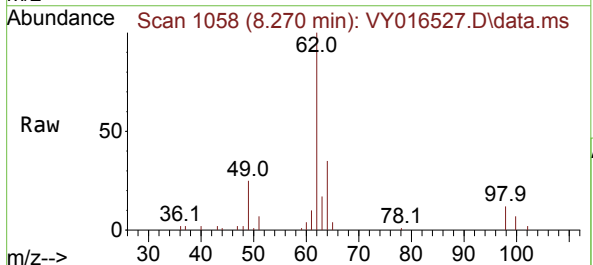


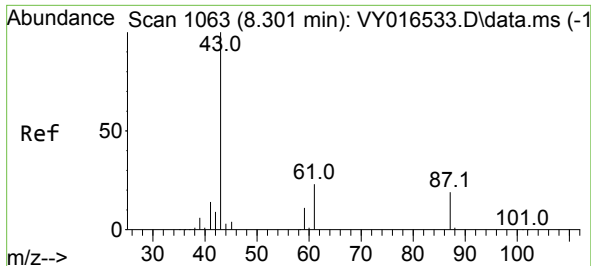
Tgt Ion: 41 Resp: 3688
Ion Ratio Lower Upper
41 100
39 60.0 52.1 78.1
67 102.7 66.2 99.2#
52 36.1 29.9 44.9



#42
1,2-Dichloroethane
Concen: 10.141 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 62 Resp: 16624
Ion Ratio Lower Upper
62 100
98 11.9 0.0 15.8

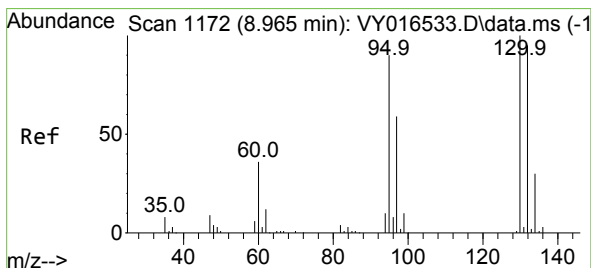
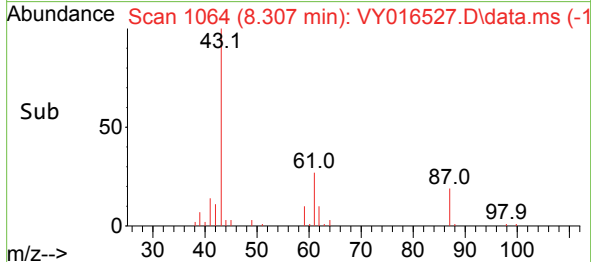
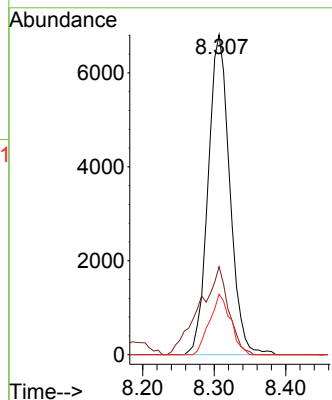
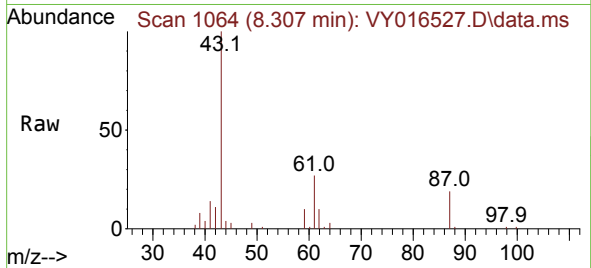




#43
Isopropyl Acetate
Concen: 9.940 ug/l
RT: 8.307 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

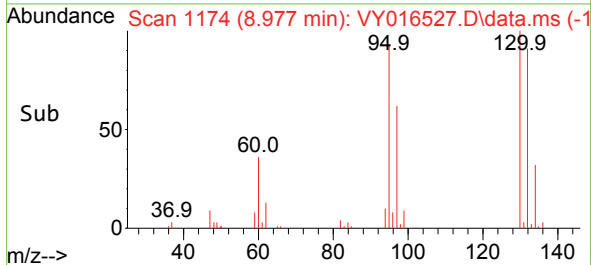
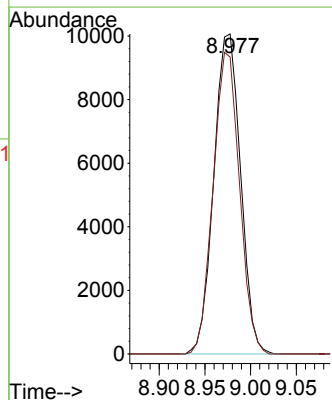
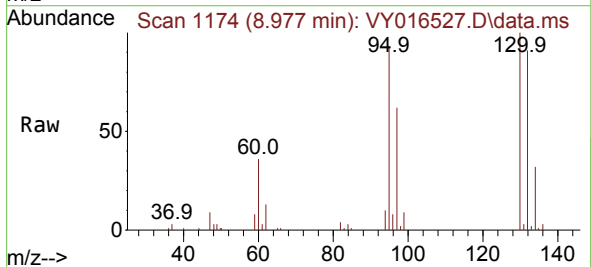
Instrument :
MSVOA_Y
ClientSampleId :

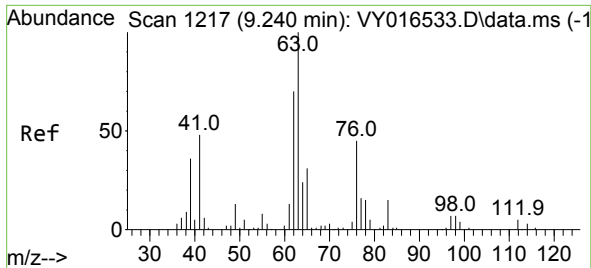
Tgt Ion: 43 Resp: 14293
Ion Ratio Lower Upper
43 100
61 37.0 21.1 31.7#
87 18.4 9.8 14.8#



#44
Trichloroethene
Concen: 10.053 ug/l
RT: 8.977 min Scan# 1174
Delta R.T. 0.012 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion:130 Resp: 20484
Ion Ratio Lower Upper
130 100
95 92.8 0.0 196.0

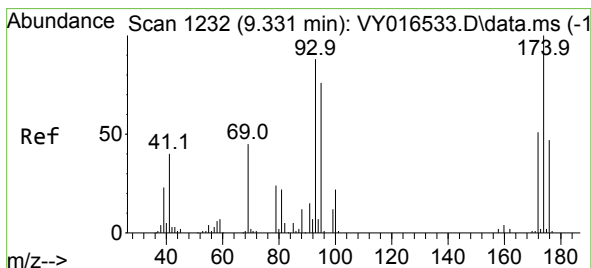
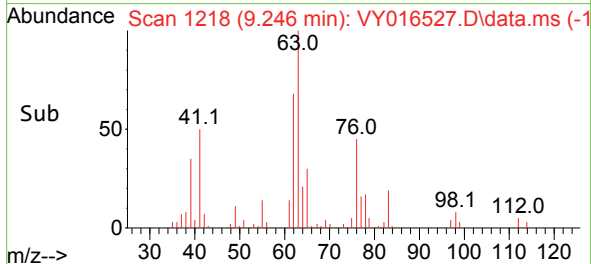
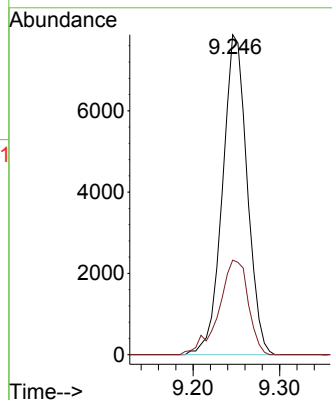
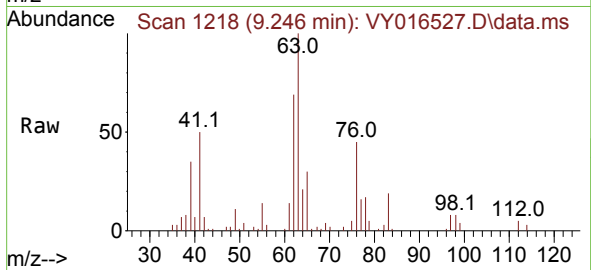




#45
1,2-Dichloropropane
Concen: 10.408 ug/l
RT: 9.246 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

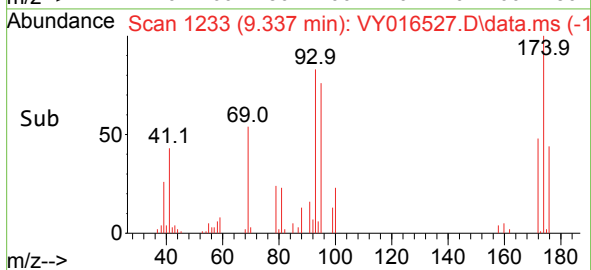
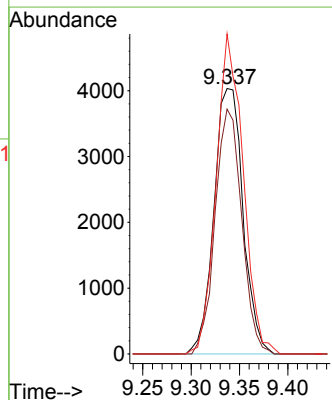
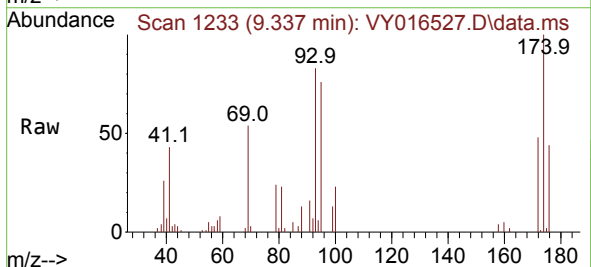
Instrument :
MSVOA_Y
ClientSampleId :

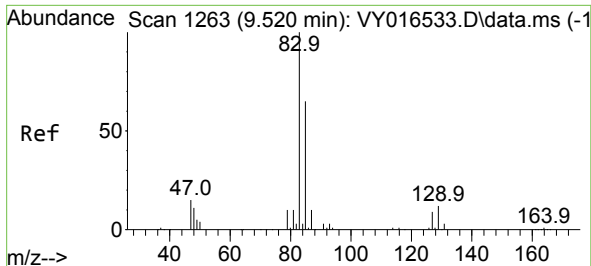
Tgt Ion: 63 Resp: 15535
Ion Ratio Lower Upper
63 100
65 29.6 23.8 35.6



#46
Dibromomethane
Concen: 10.032 ug/l
RT: 9.337 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

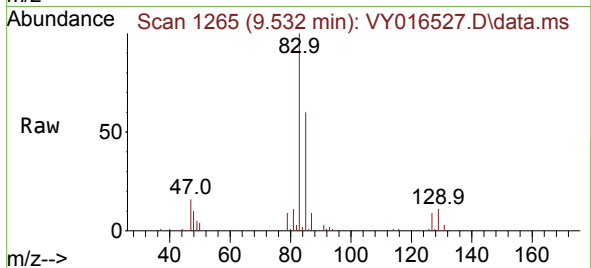
Tgt Ion: 93 Resp: 8420
Ion Ratio Lower Upper
93 100
95 84.6 66.6 100.0
174 111.8 84.8 127.2



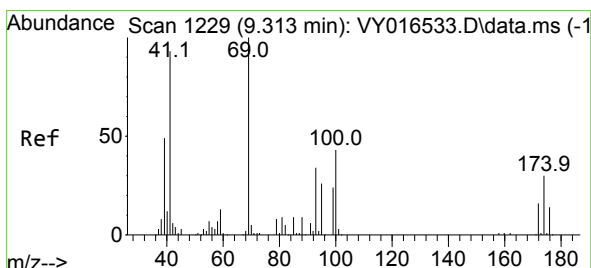
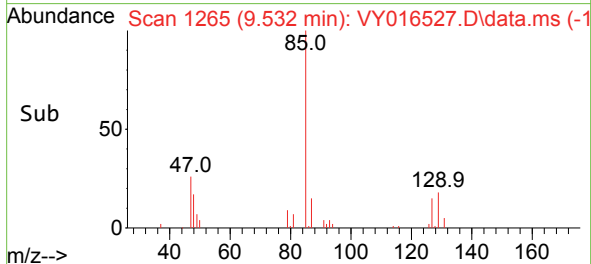
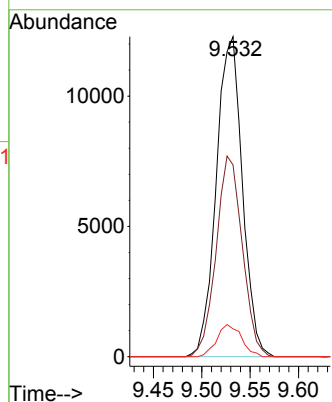


#47
Bromodichloromethane
Concen: 10.387 ug/l
RT: 9.532 min Scan# 1265
Delta R.T. 0.012 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Instrument :
MSVOA_Y
ClientSampleId :

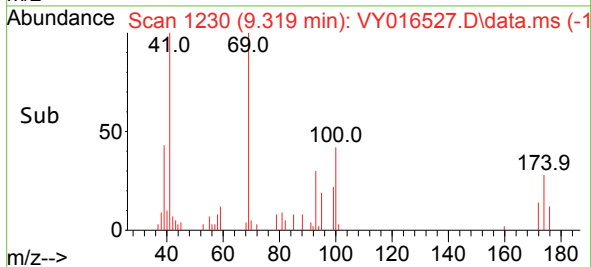
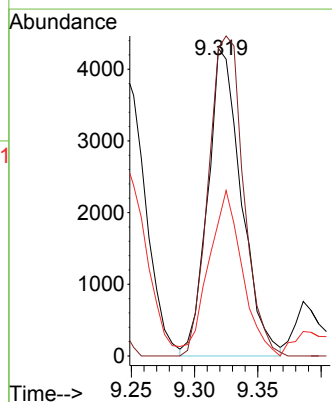
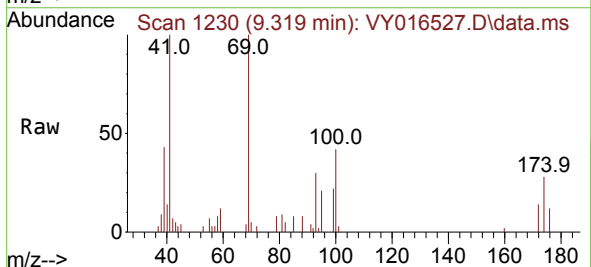


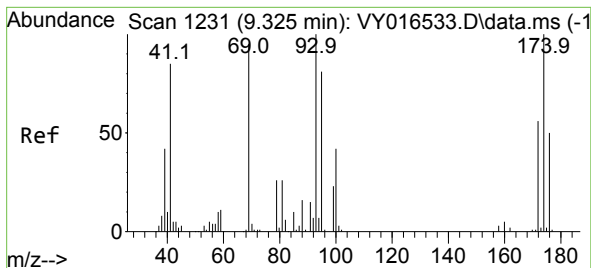
Tgt Ion: 83 Resp: 23017
Ion Ratio Lower Upper
83 100
85 60.0 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 9.826 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 41 Resp: 7932
Ion Ratio Lower Upper
41 100
69 108.4 64.5 96.7#
39 53.4 50.8 76.2





#49

1,4-Dioxane

Concen: 191.453 ug/l

RT: 9.337 min Scan# 1233

Delta R.T. 0.012 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

ClientSampleId :

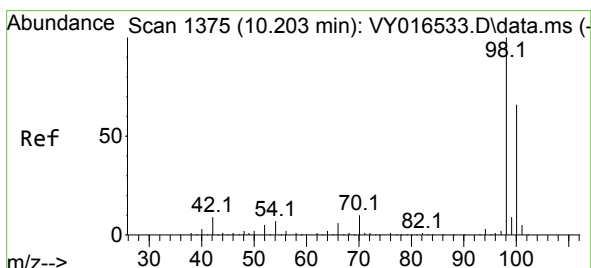
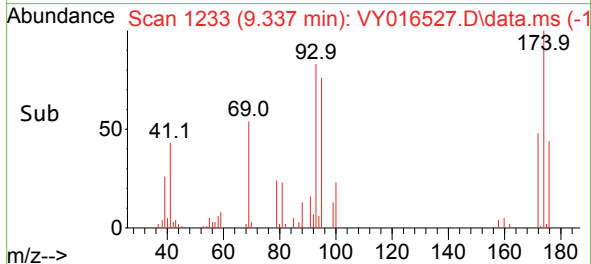
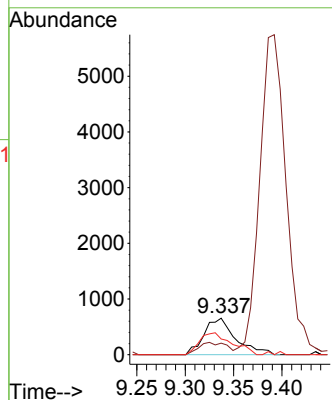
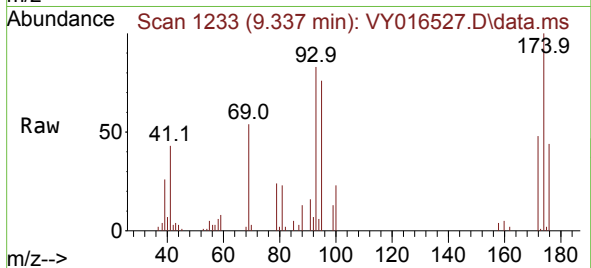
Tgt Ion: 88 Resp: 1488

Ion Ratio Lower Upper

88 100

43 29.9 0.0 0.0#

58 61.6 30.9 46.3#



#50

Toluene-d8

Concen: 10.314 ug/l

RT: 10.209 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY016527.D

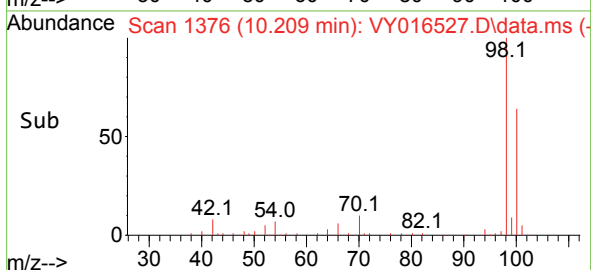
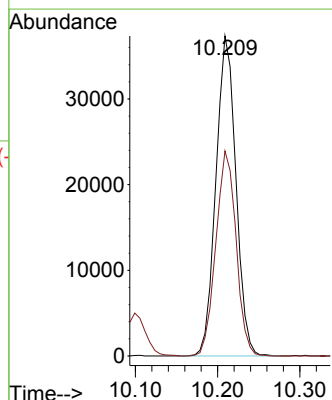
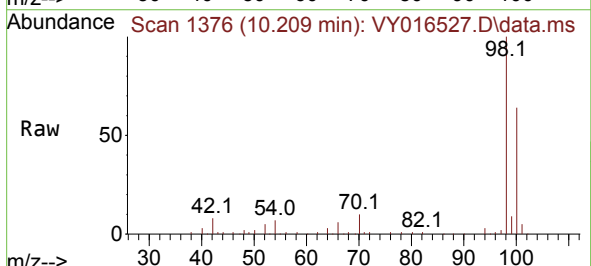
Acq: 29 Nov 2023 09:10

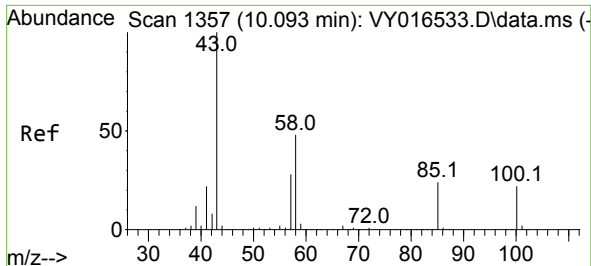
Tgt Ion: 98 Resp: 63201

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1

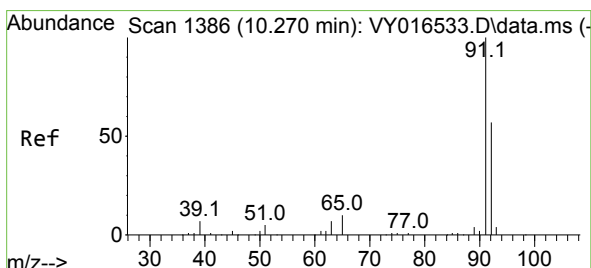
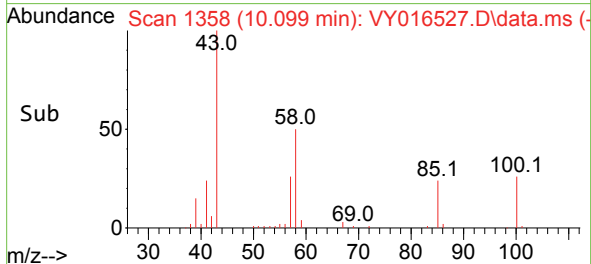
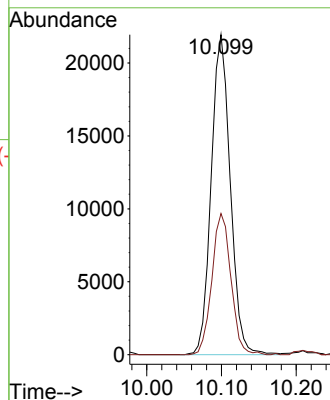
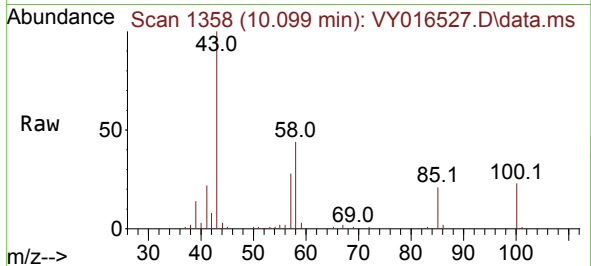




#51
4-Methyl-2-Pentanone
Concen: 52.021 ug/l
RT: 10.099 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

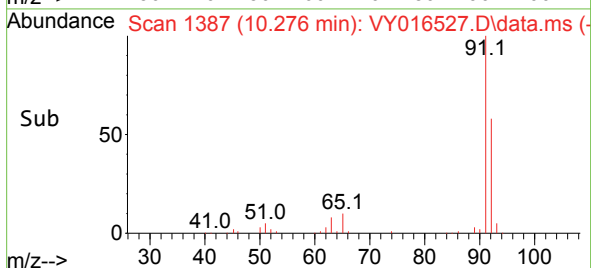
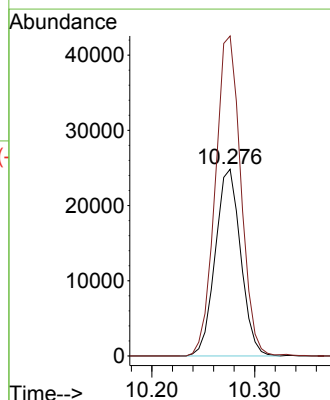
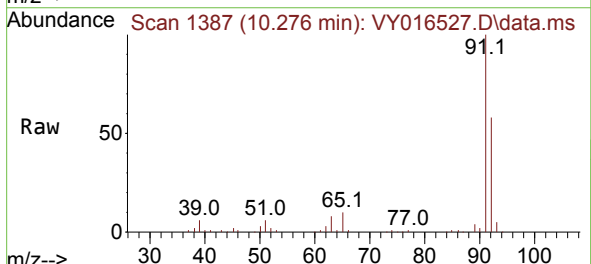
Instrument :
MSVOA_Y
ClientSampleId :

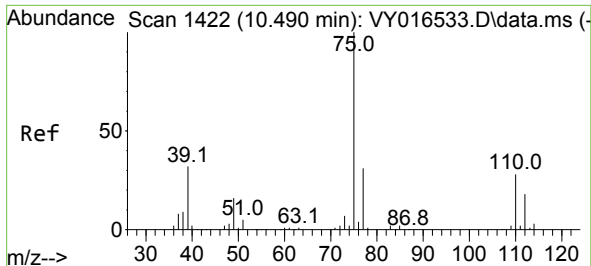
Tgt Ion: 43 Resp: 39022
Ion Ratio Lower Upper
43 100
58 44.0 29.0 43.6#



#52
Toluene
Concen: 10.031 ug/l
RT: 10.276 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 92 Resp: 42627
Ion Ratio Lower Upper
92 100
91 172.5 143.8 215.6

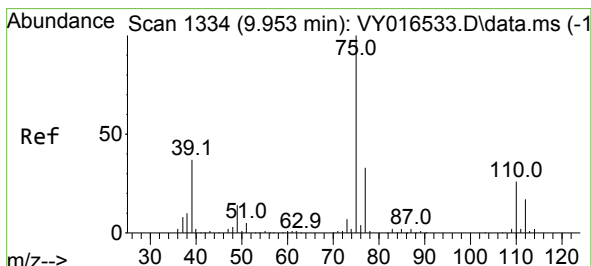
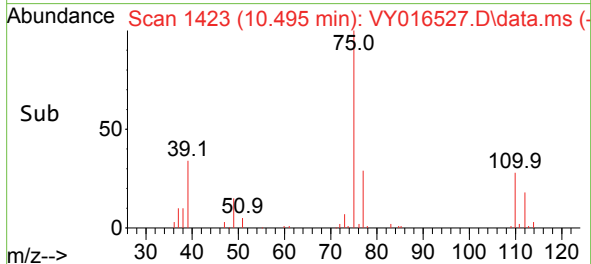
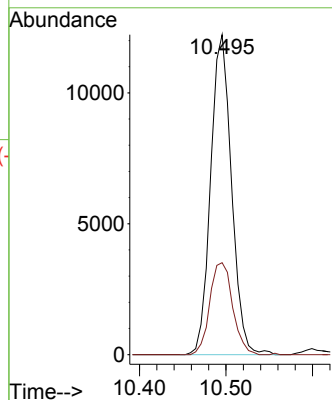
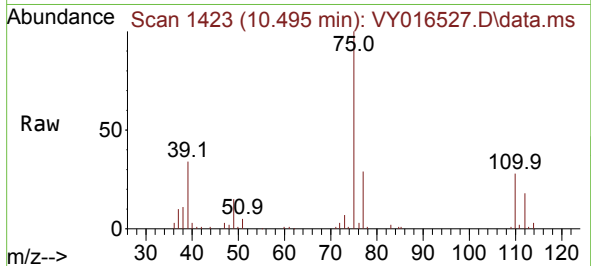




#53
 t-1,3-Dichloropropene
 Concen: 9.962 ug/l
 RT: 10.495 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY016527.D
 Acq: 29 Nov 2023 09:10

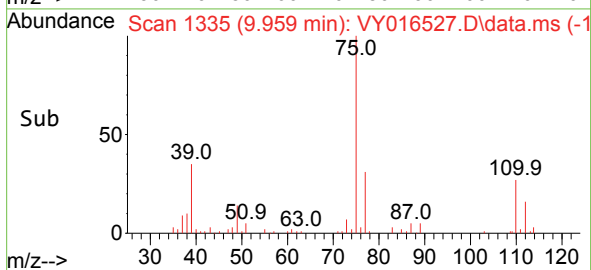
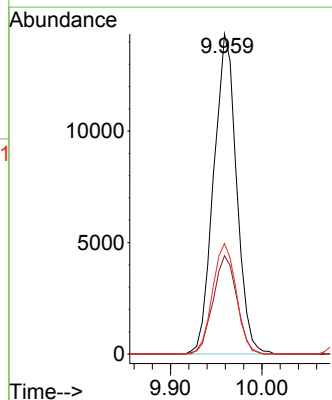
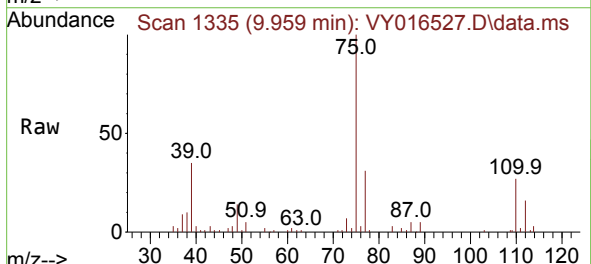
Instrument :
 MSVOA_Y
 ClientSampleId :

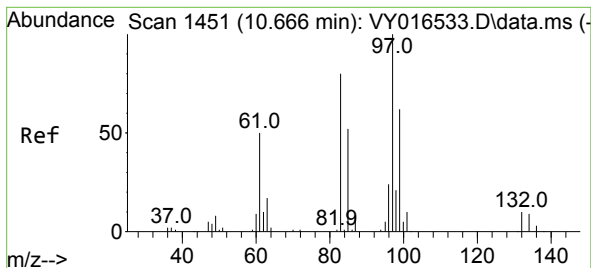
Tgt Ion: 75 Resp: 20457
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 10.039 ug/l
 RT: 9.959 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY016527.D
 Acq: 29 Nov 2023 09:10

Tgt Ion: 75 Resp: 24981
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.2 36.4
 39 34.5 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 10.534 ug/l

RT: 10.672 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 12758

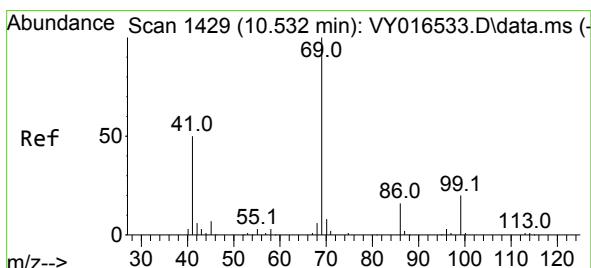
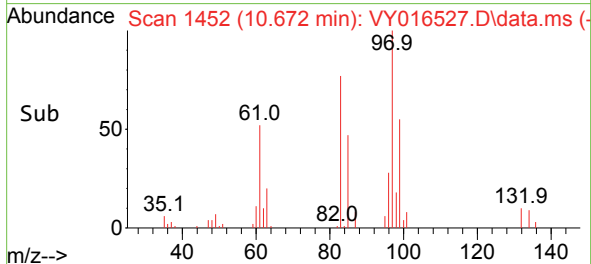
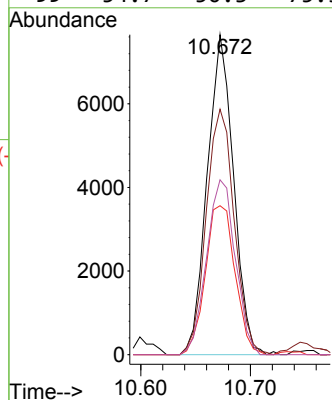
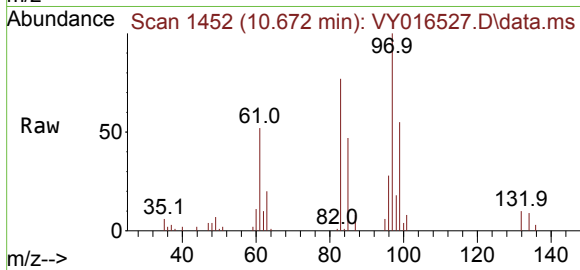
Ion Ratio Lower Upper

97 100

83 76.7 72.0 108.0

85 46.5 45.4 68.0

99 54.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 9.704 ug/l

RT: 10.538 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

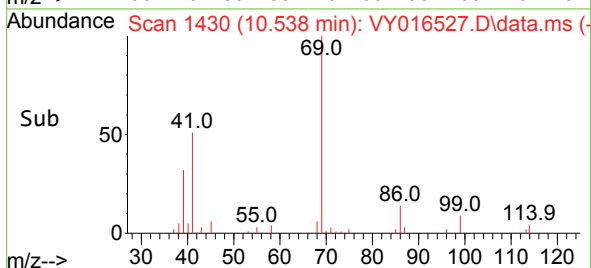
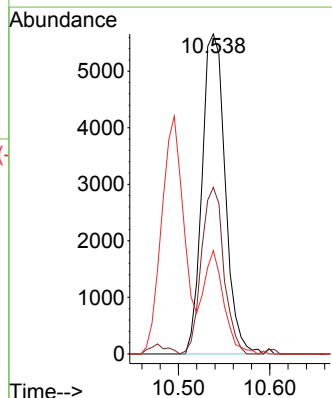
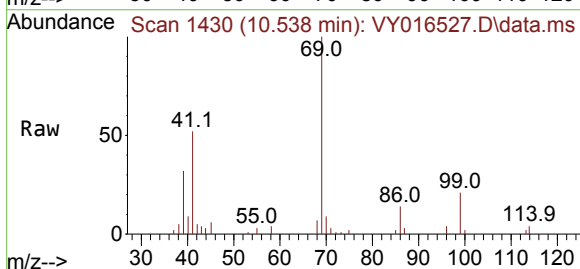
Tgt Ion: 69 Resp: 9946

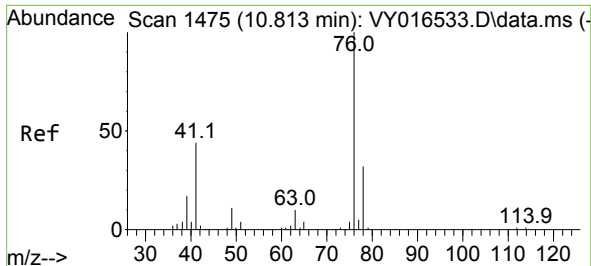
Ion Ratio Lower Upper

69 100

41 50.4 57.6 86.4#

39 28.0 34.1 51.1#

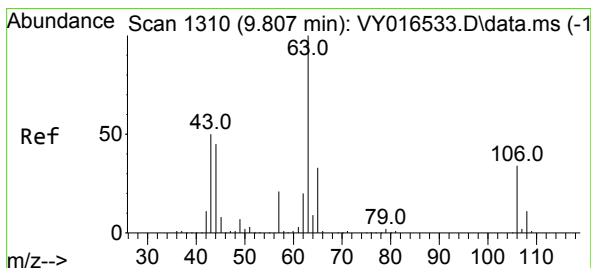
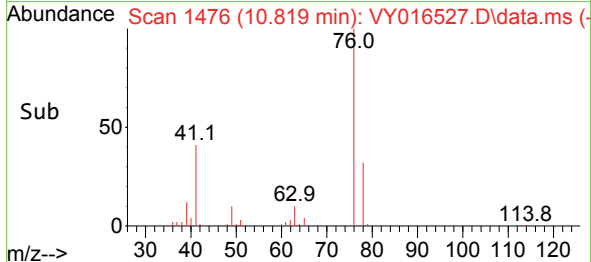
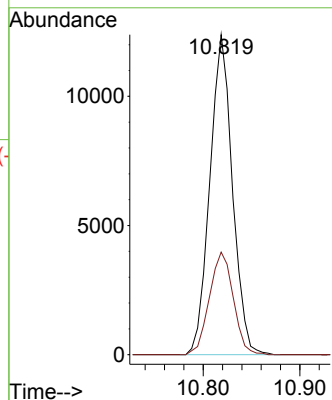
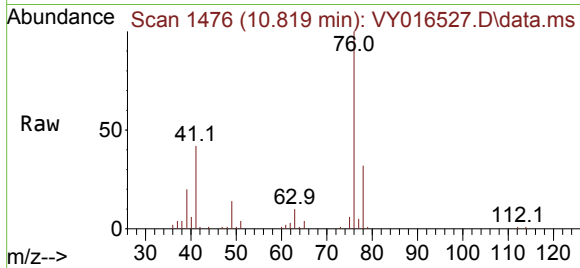




#57
1,3-Dichloropropane
Concen: 10.284 ug/l
RT: 10.819 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

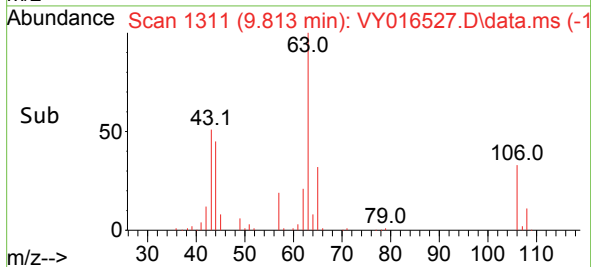
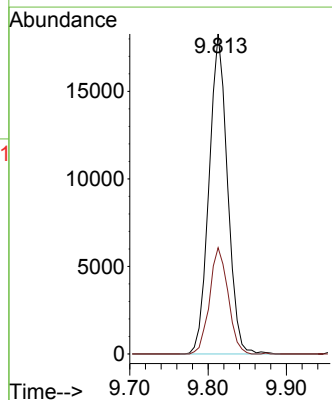
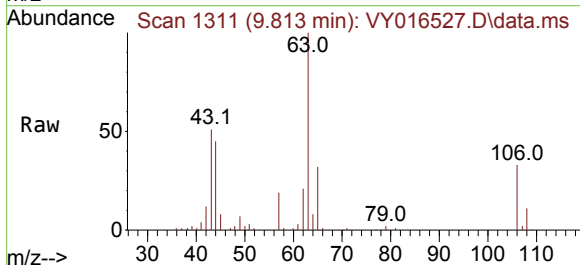
Instrument :
MSVOA_Y
ClientSampleId :

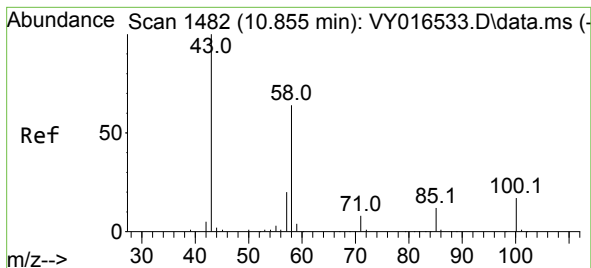
Tgt Ion: 76 Resp: 20063
Ion Ratio Lower Upper
76 100
78 33.9 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 47.084 ug/l
RT: 9.813 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 63 Resp: 29841
Ion Ratio Lower Upper
63 100
106 33.3 21.2 31.8#

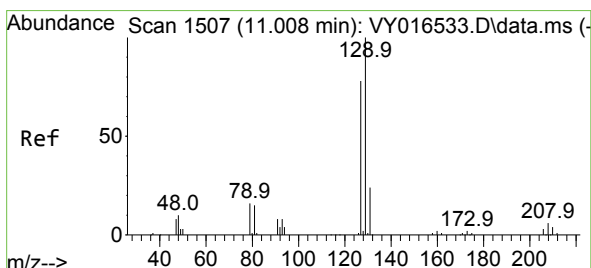
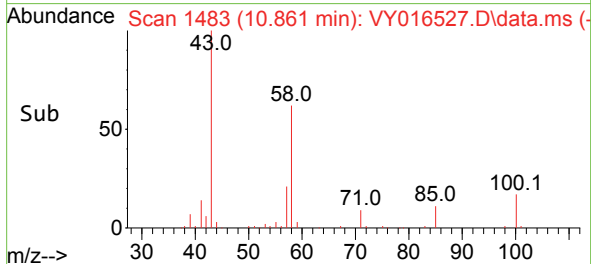
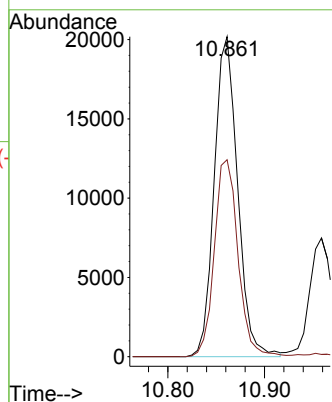
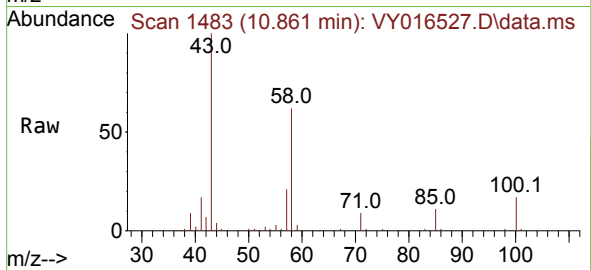




#59
2-Hexanone
Concen: 57.077 ug/l
RT: 10.861 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

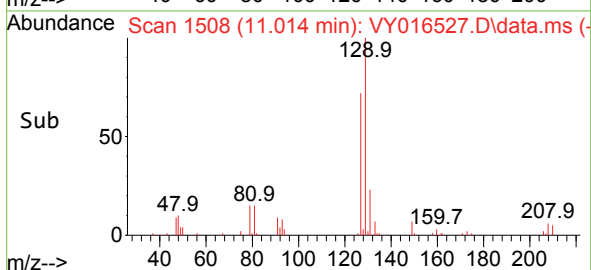
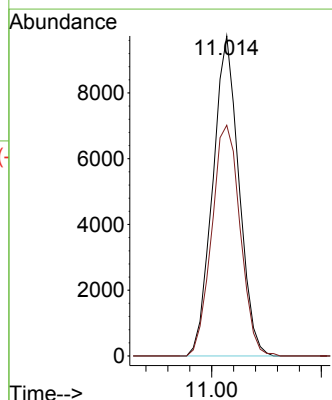
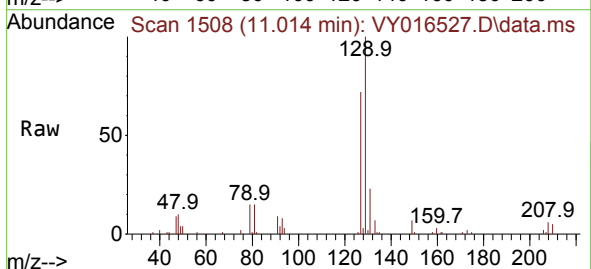
Instrument :
MSVOA_Y
ClientSampleId :

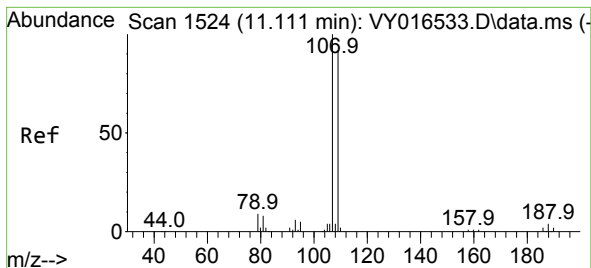
Tgt Ion: 43 Resp: 33819
Ion Ratio Lower Upper
43 100
58 62.4 25.1 75.3



#60
Dibromochloromethane
Concen: 10.184 ug/l
RT: 11.014 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion:129 Resp: 16122
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5

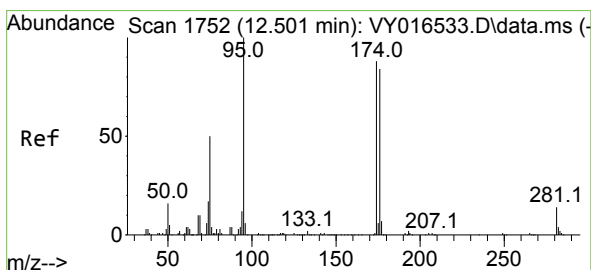
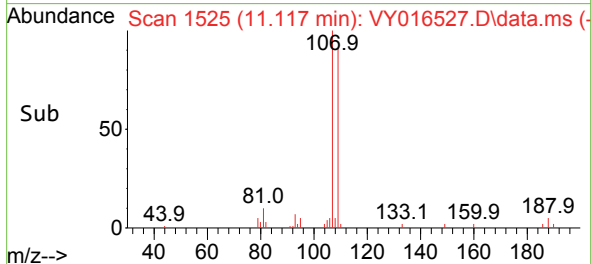
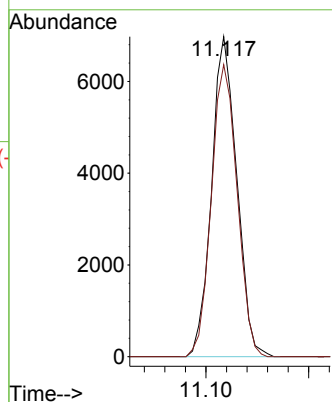
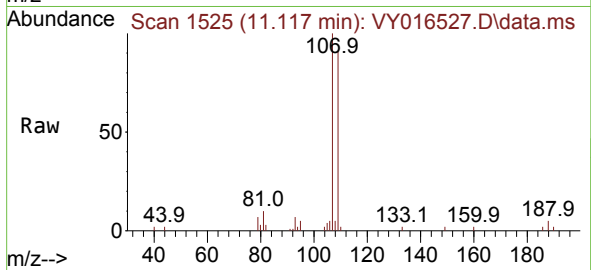




#61
1,2-Dibromoethane
Concen: 10.383 ug/l
RT: 11.117 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

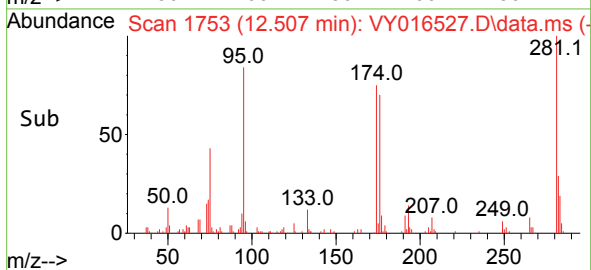
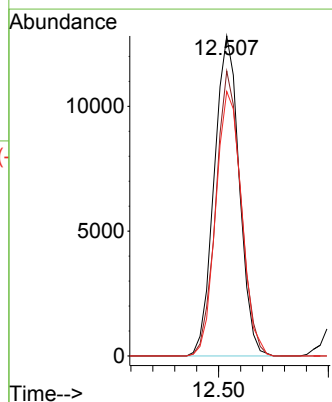
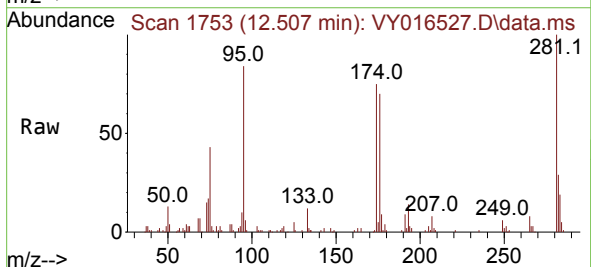
Instrument :
MSVOA_Y
ClientSampleId :

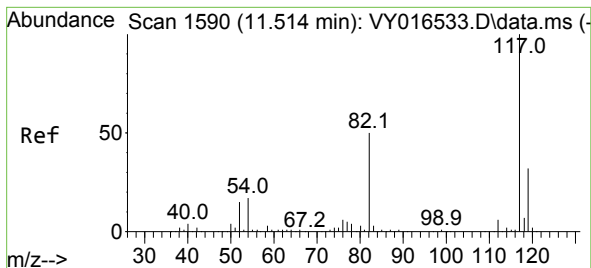
Tgt Ion:107 Resp: 11875
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 10.578 ug/l
RT: 12.507 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 95 Resp: 20333
Ion Ratio Lower Upper
95 100
174 88.7 0.0 178.2
176 85.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

ClientSampleId :

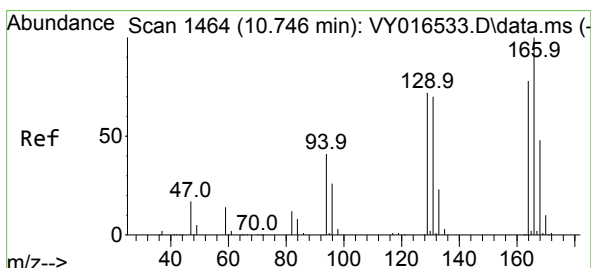
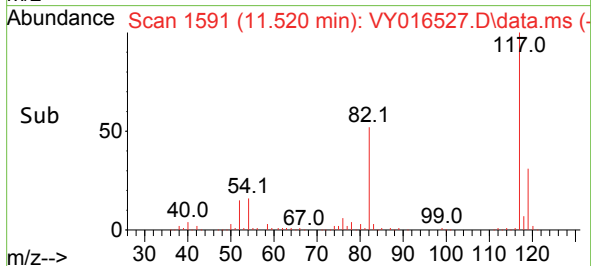
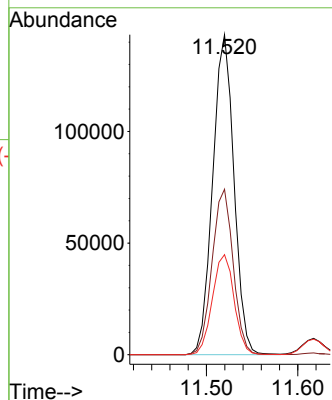
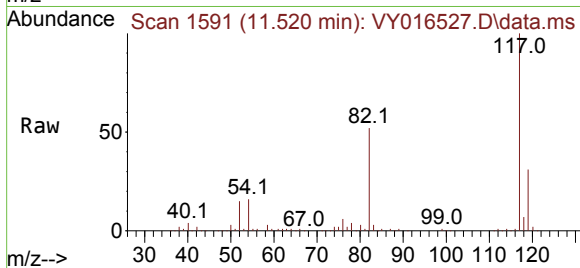
Tgt Ion:117 Resp: 231389

Ion Ratio Lower Upper

117 100

82 51.7 43.4 65.0

119 31.2 26.3 39.5



#64

Tetrachloroethene

Concen: 10.022 ug/l

RT: 10.752 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Tgt Ion:164 Resp: 20638

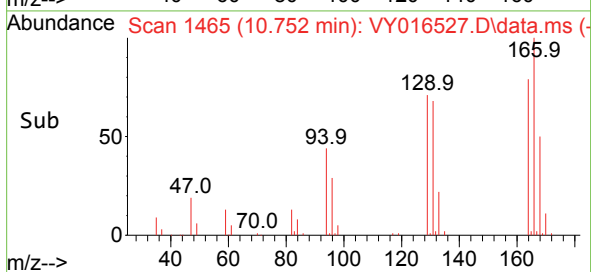
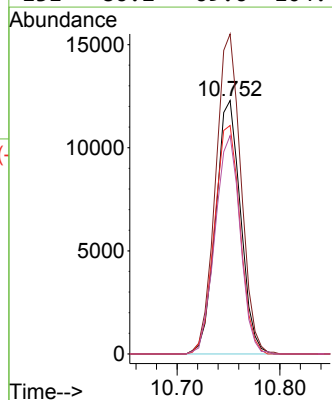
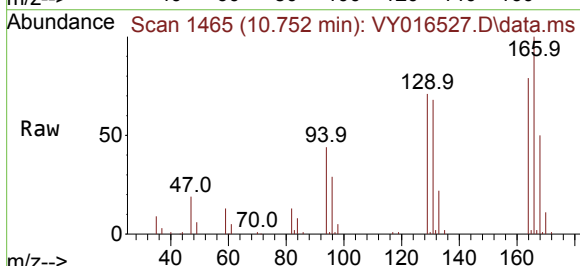
Ion Ratio Lower Upper

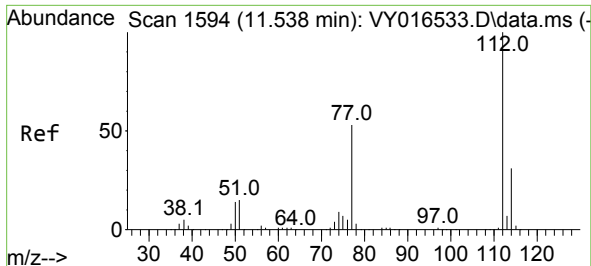
164 100

166 126.3 103.0 154.6

129 90.1 77.2 115.8

131 86.2 69.6 104.4

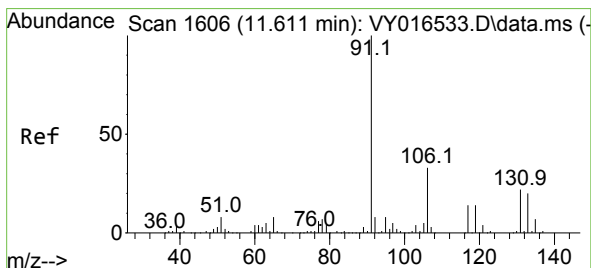
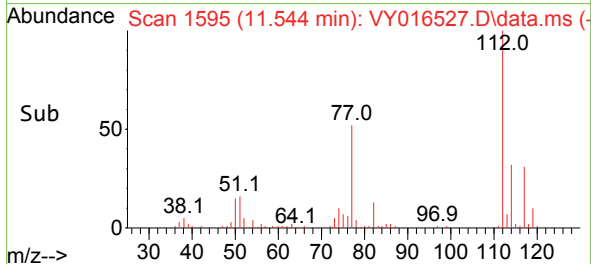
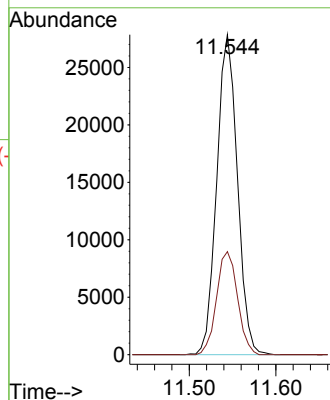
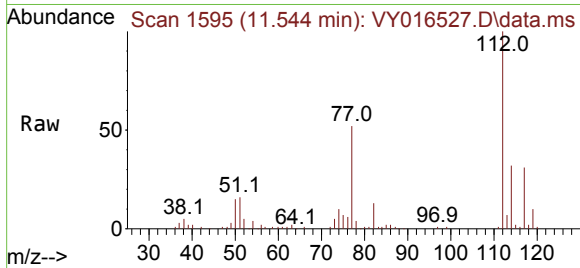




#65
Chlorobenzene
Concen: 9.943 ug/l
RT: 11.544 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

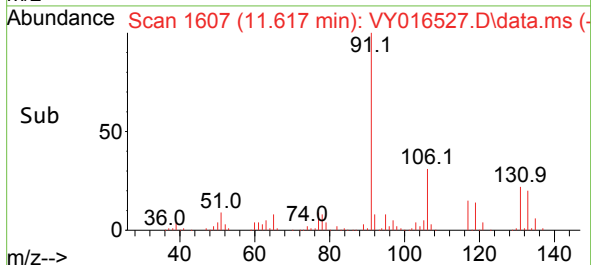
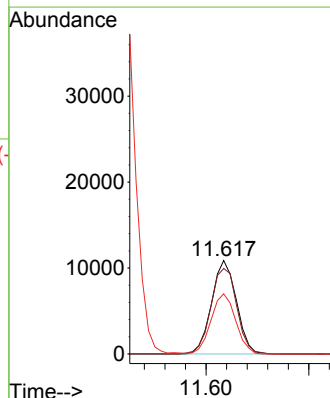
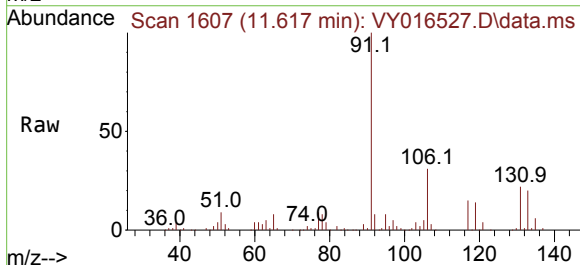
Instrument :
MSVOA_Y
ClientSampleId :

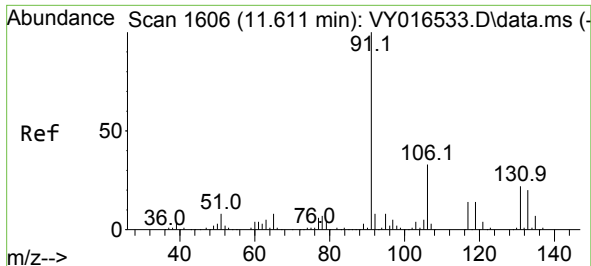
Tgt Ion:112 Resp: 46073
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 10.226 ug/l
RT: 11.617 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion:131 Resp: 18165
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 64.0 31.6 94.7

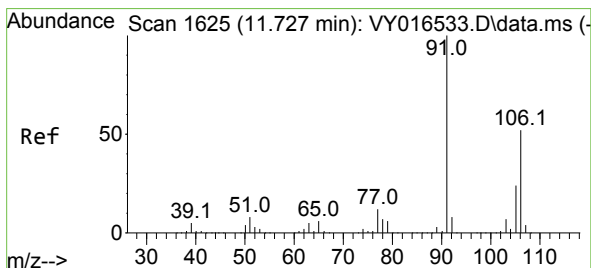
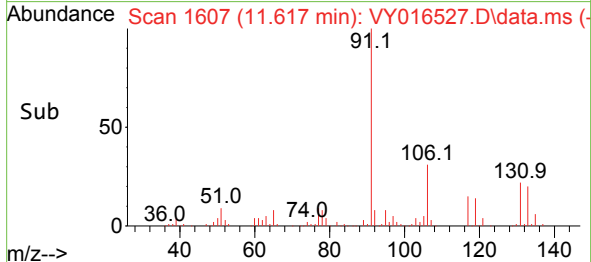
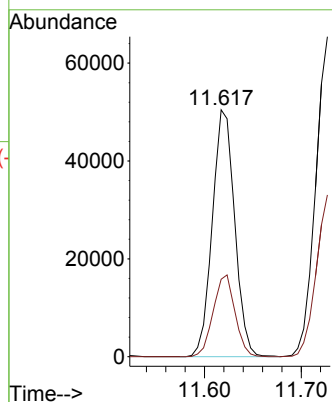
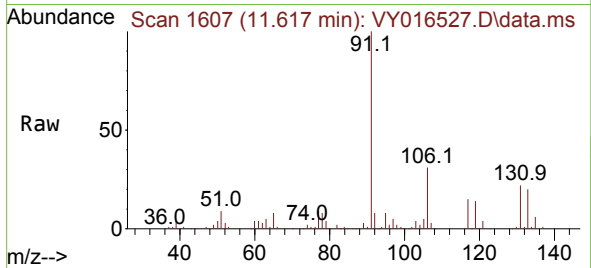




#67
Ethyl Benzene
Concen: 9.948 ug/l
RT: 11.617 min Scan# 1606
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

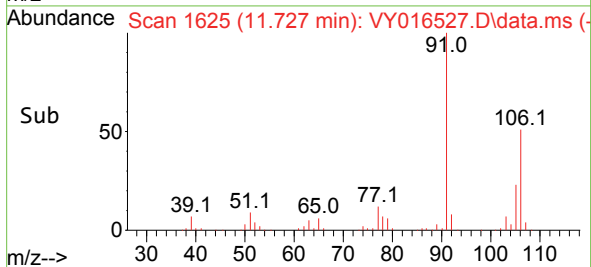
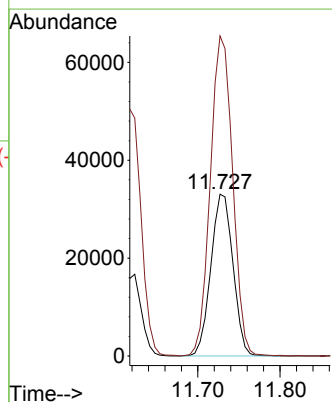
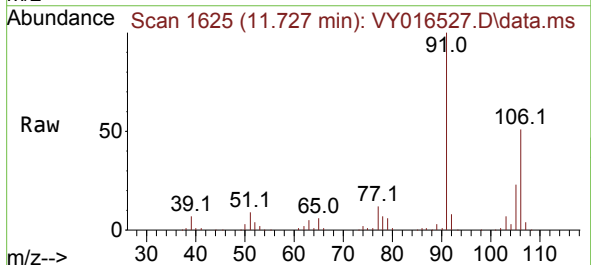
Instrument :
MSVOA_Y
ClientSampleId :

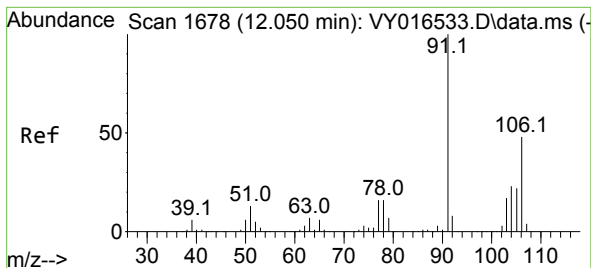
Tgt Ion: 91 Resp: 80920
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#68
m/p-Xylenes
Concen: 19.632 ug/l
RT: 11.727 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 106 Resp: 61802
Ion Ratio Lower Upper
106 100
91 199.8 166.1 249.1





#69

o-Xylene

Concen: 9.724 ug/l

RT: 12.056 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

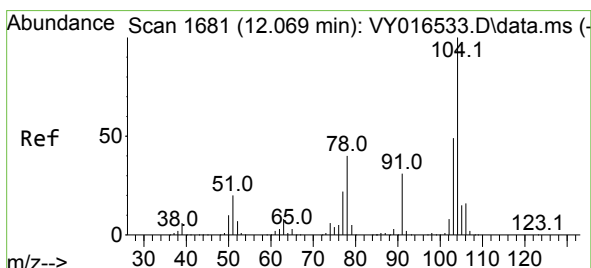
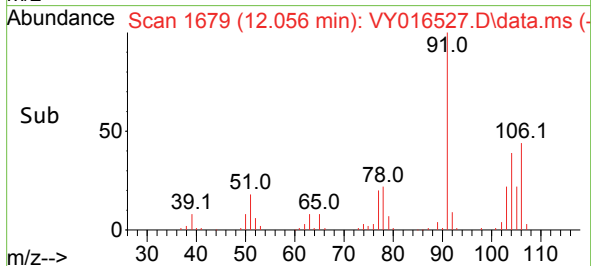
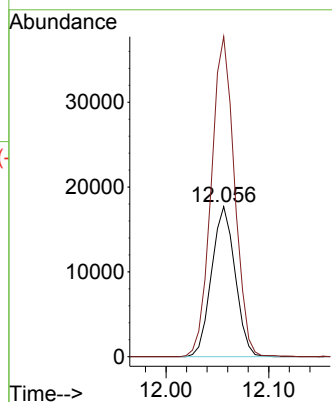
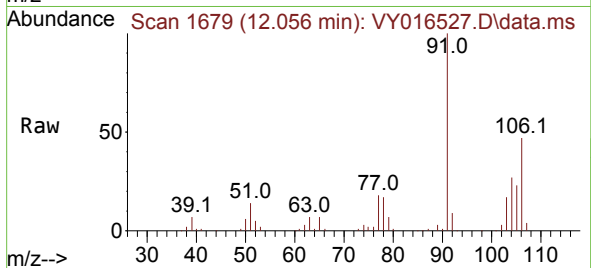
ClientSampleId :

Tgt Ion:106 Resp: 28103

Ion Ratio Lower Upper

106 100

91 211.2 108.1 324.3



#70

Styrene

Concen: 9.917 ug/l

RT: 12.068 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

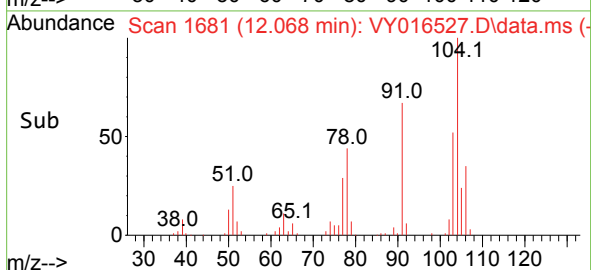
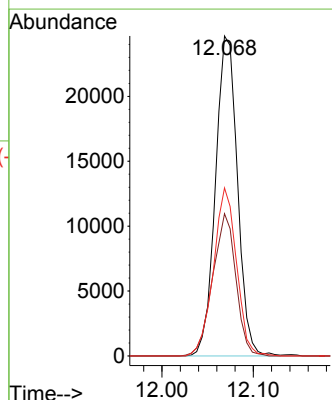
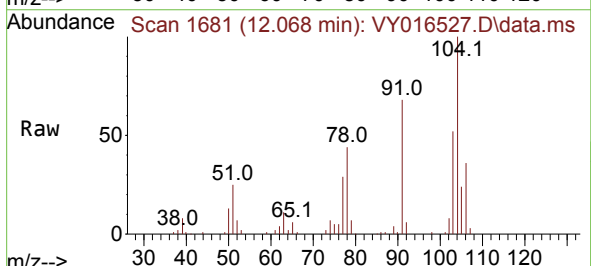
Tgt Ion:104 Resp: 41237

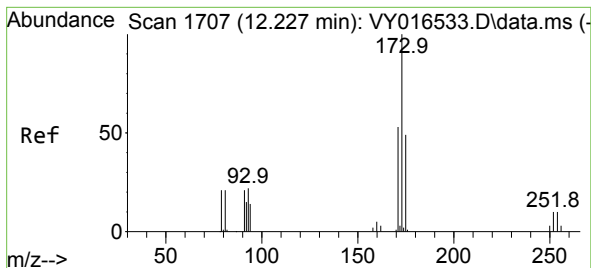
Ion Ratio Lower Upper

104 100

78 46.8 41.5 62.3

103 55.1 44.6 67.0





#71

Bromoform

Concen: 10.057 ug/l

RT: 12.233 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016527.D

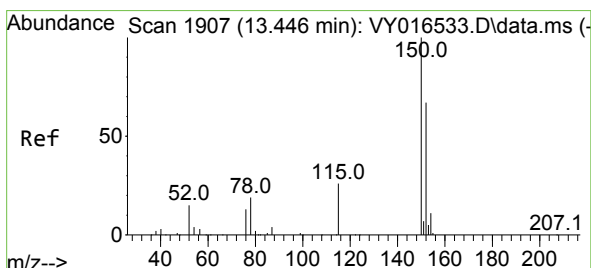
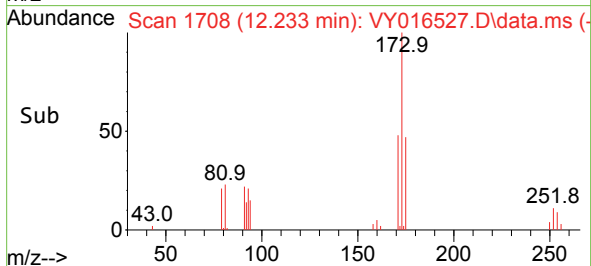
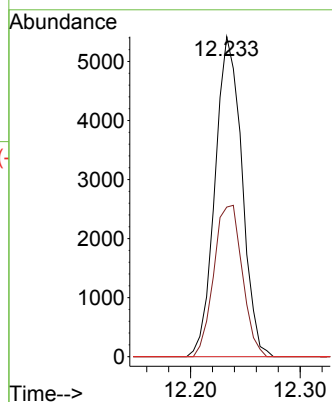
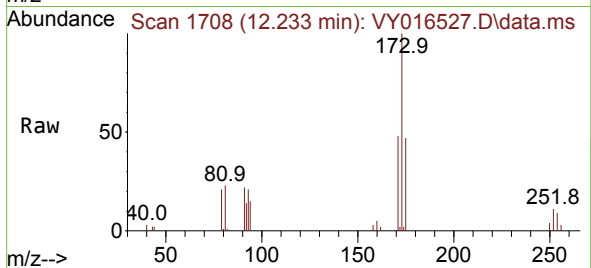
Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	9228
Ion Ratio	Lower	Upper
173	100	
175	50.1	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

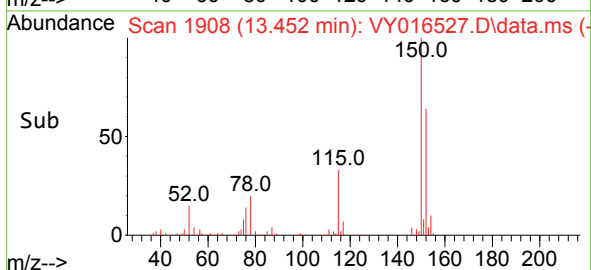
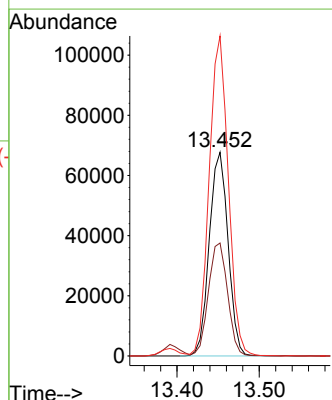
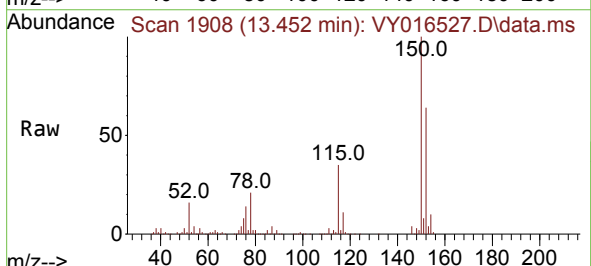
RT: 13.452 min Scan# 1908

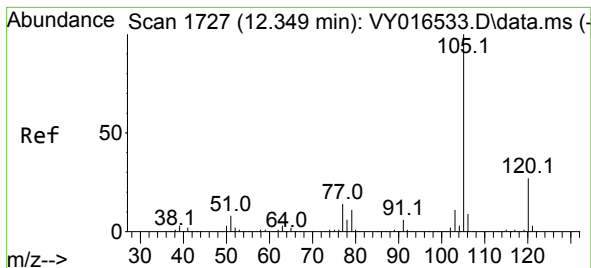
Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Tgt Ion:152	Resp:	107608
Ion Ratio	Lower	Upper
152	100	
115	56.5	28.8 86.5
150	159.7	0.0 348.8





#73

Isopropylbenzene

Concen: 9.671 ug/l

RT: 12.355 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

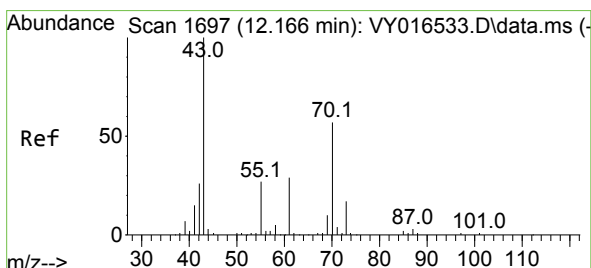
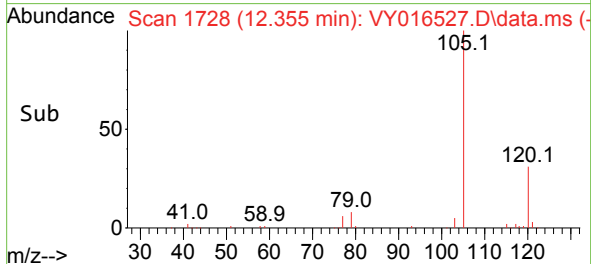
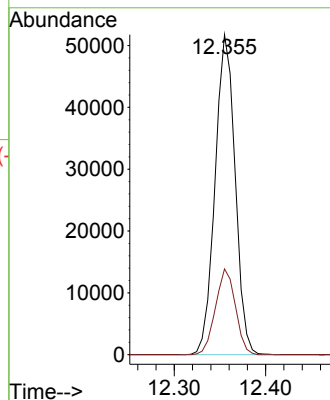
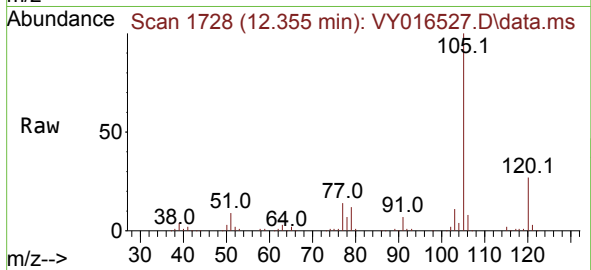
ClientSampleId :

Tgt Ion:105 Resp: 78922

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 9.417 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Tgt Ion: 43 Resp: 10853

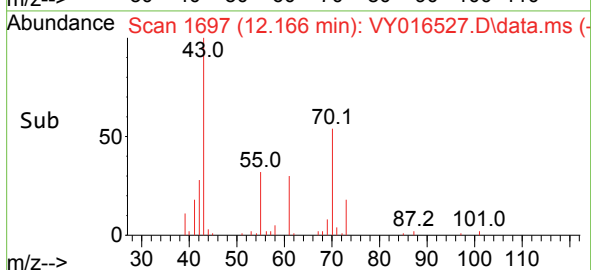
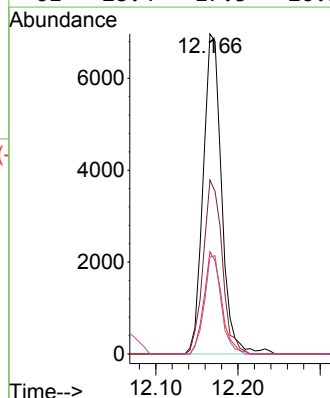
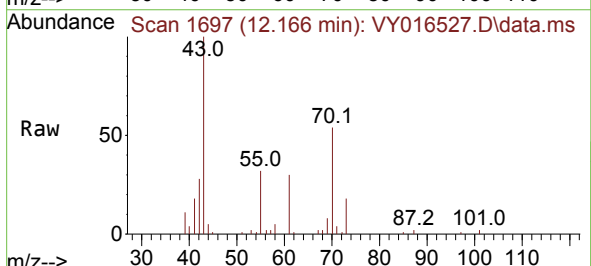
Ion Ratio Lower Upper

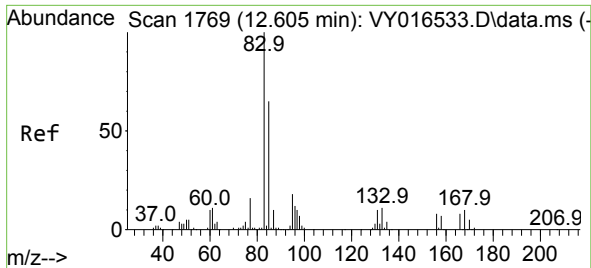
43 100

70 56.0 29.7 44.5#

55 30.6 18.3 27.5#

61 28.4 17.5 26.3#

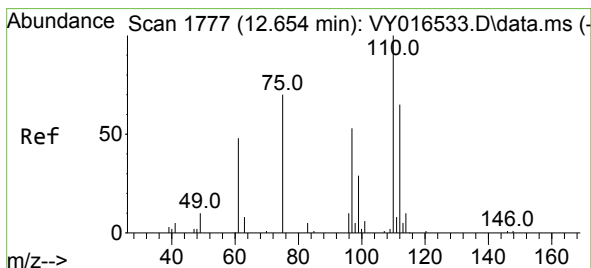
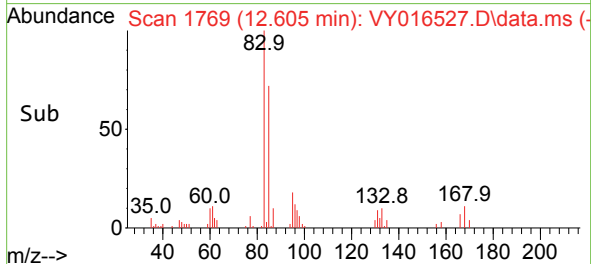
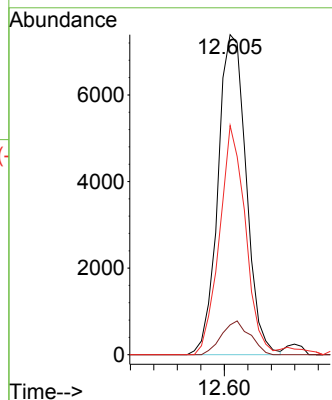
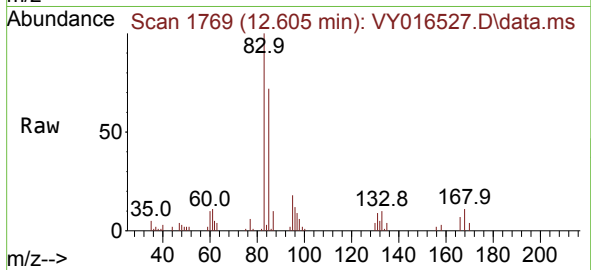




#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.157 ug/l
 RT: 12.605 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY016527.D
 Acq: 29 Nov 2023 09:10

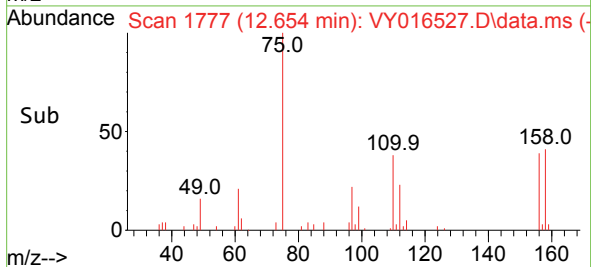
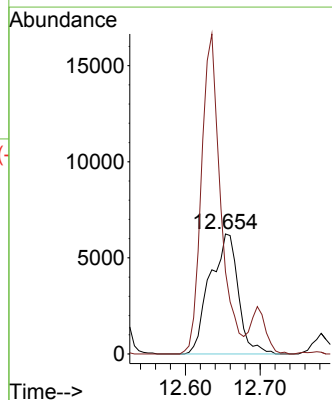
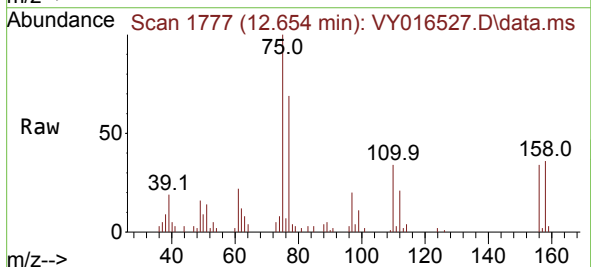
Instrument :
 MSVOA_Y
 ClientSampleId :

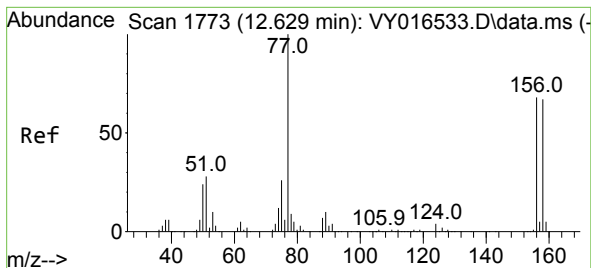
Tgt Ion: 83 Resp: 12304
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.4 16.2
 85 66.1 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 18.134 ug/l
 RT: 12.654 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY016527.D
 Acq: 29 Nov 2023 09:10

Tgt Ion: 75 Resp: 16438
 Ion Ratio Lower Upper
 75 100
 77 181.2 0.0 0.0#





#77

Bromobenzene

Concen: 9.830 ug/l

RT: 12.635 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

ClientSampleId :

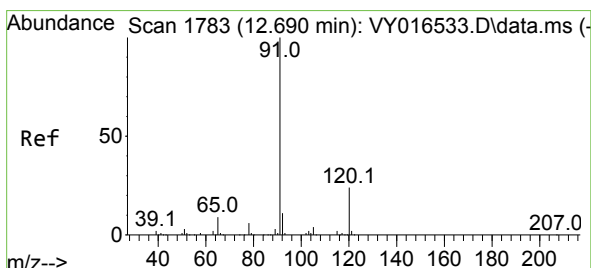
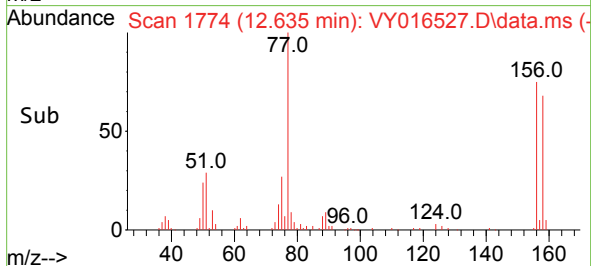
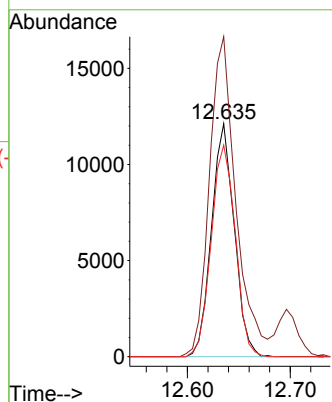
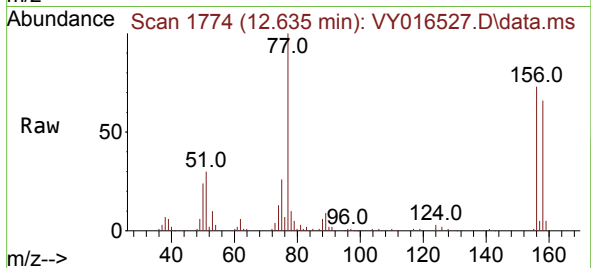
Tgt Ion:156 Resp: 18678

Ion Ratio Lower Upper

156 100

77 159.4 92.8 278.6

158 95.9 48.4 145.3



#78

n-propylbenzene

Concen: 9.850 ug/l

RT: 12.696 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY016527.D

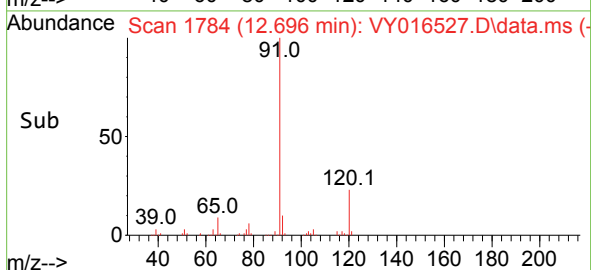
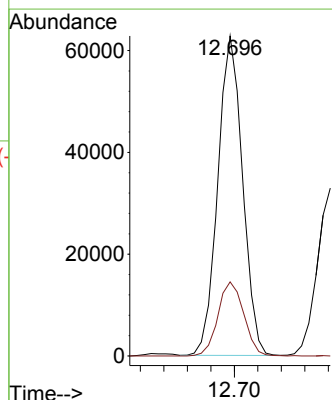
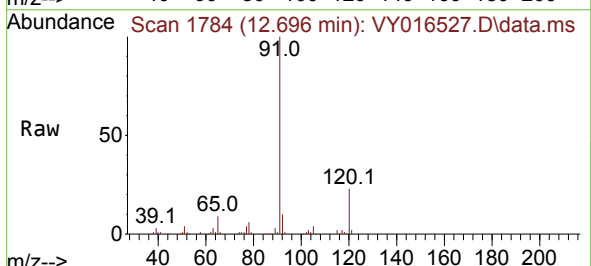
Acq: 29 Nov 2023 09:10

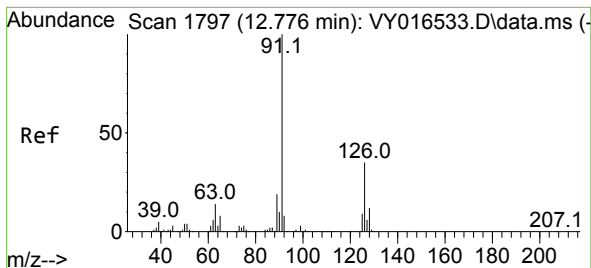
Tgt Ion: 91 Resp: 91959

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 9.885 ug/l

RT: 12.782 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

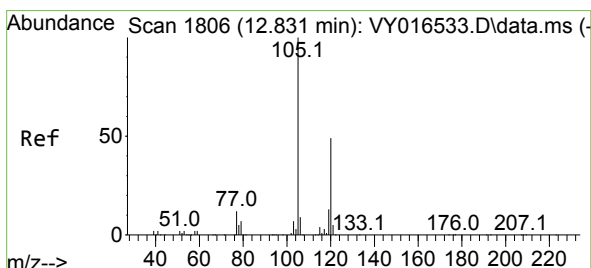
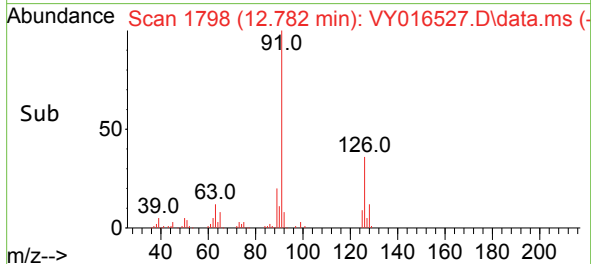
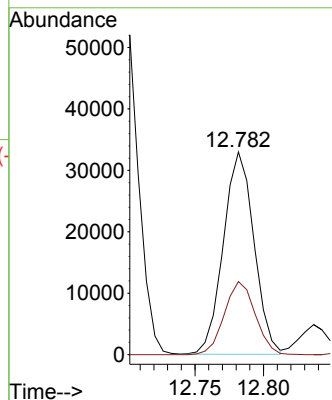
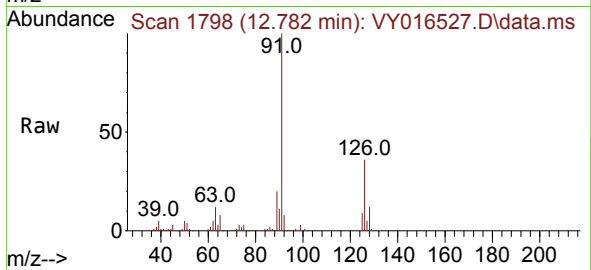
ClientSampleId :

Tgt Ion: 91 Resp: 51328

Ion Ratio Lower Upper

91 100

126 36.4 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 9.749 ug/l

RT: 12.837 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY016527.D

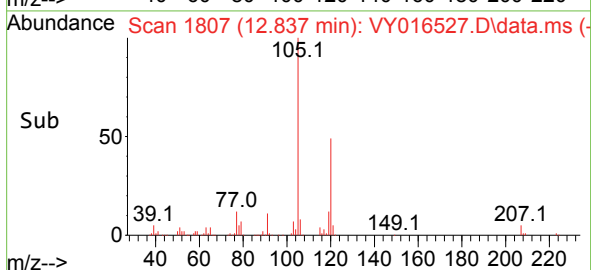
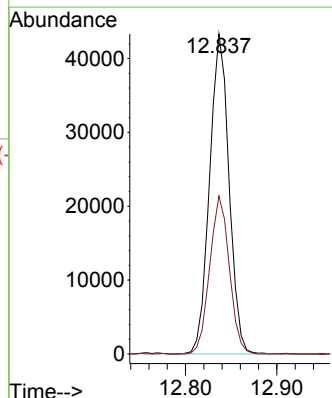
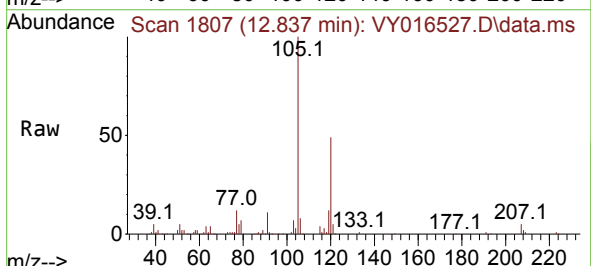
Acq: 29 Nov 2023 09:10

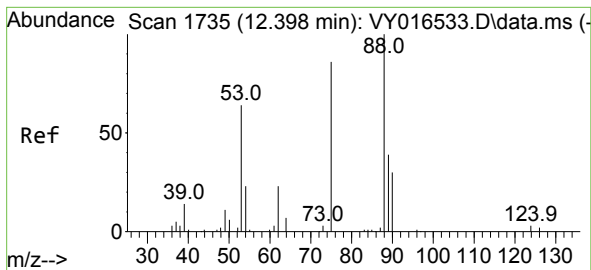
Tgt Ion: 105 Resp: 63953

Ion Ratio Lower Upper

105 100

120 49.7 23.9 71.7

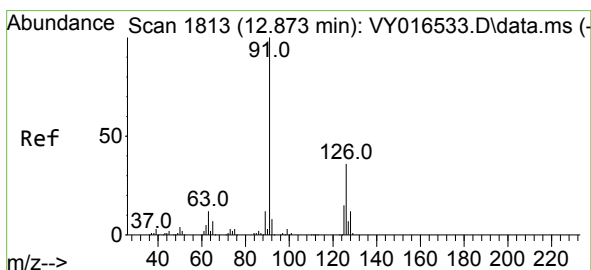
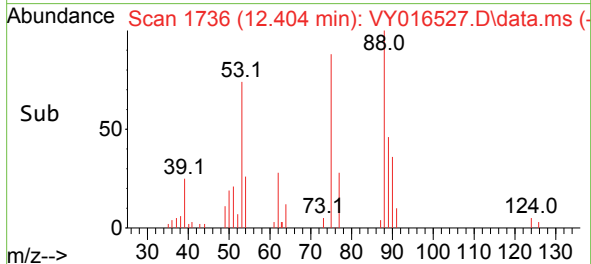
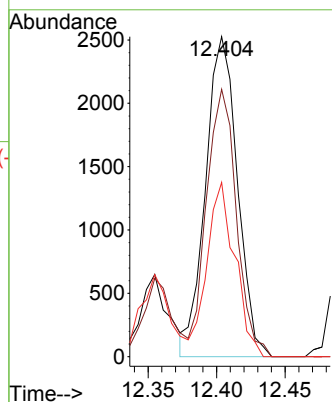
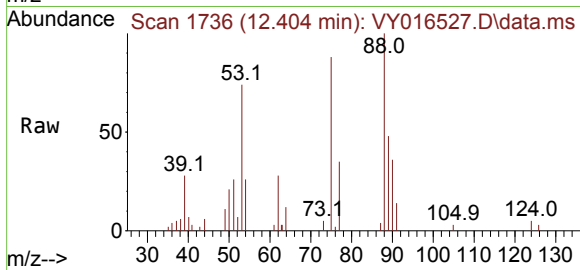




#81
trans-1,4-Dichloro-2-butene
Concen: 9.853 ug/l
RT: 12.404 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

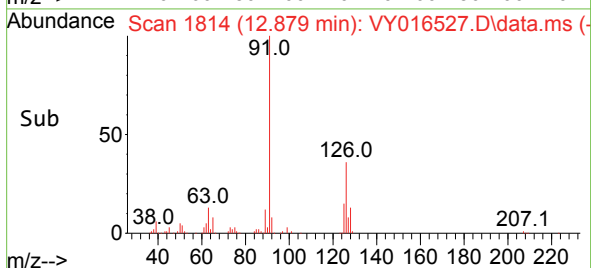
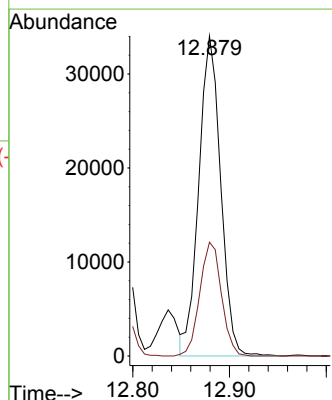
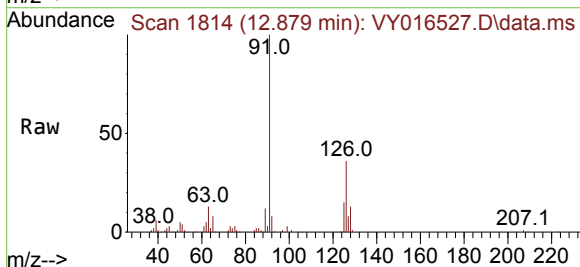
Instrument :
MSVOA_Y
ClientSampleId :

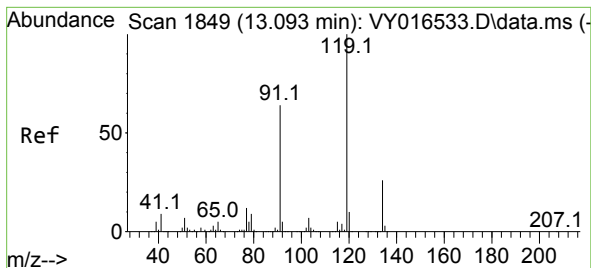
Tgt Ion: 75 Resp: 4082
Ion Ratio Lower Upper
75 100
53 78.2 77.8 116.8
89 47.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 10.023 ug/l
RT: 12.879 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 91 Resp: 53437
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 9.557 ug/l

RT: 13.099 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

ClientSampleId :

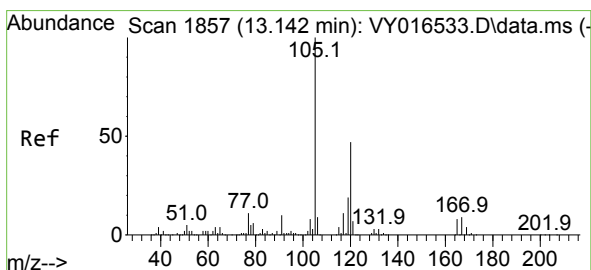
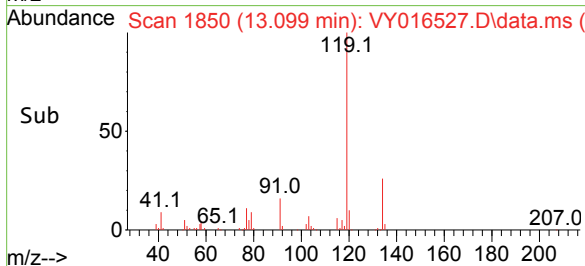
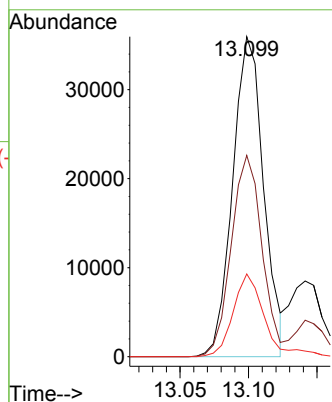
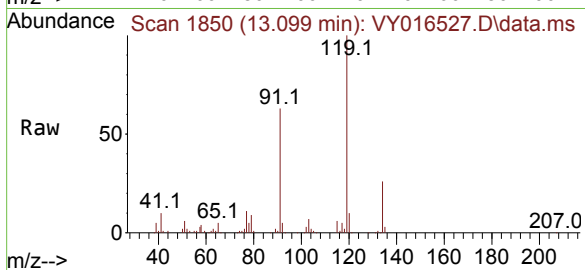
Tgt Ion:119 Resp: 56576

Ion Ratio Lower Upper

119 100

91 63.5 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 9.816 ug/l

RT: 13.147 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY016527.D

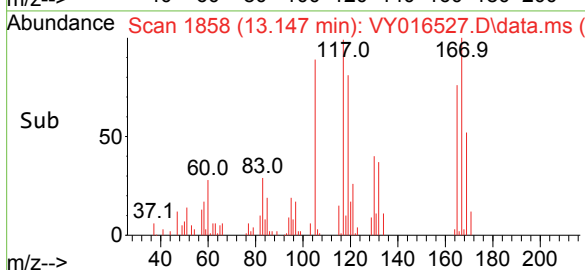
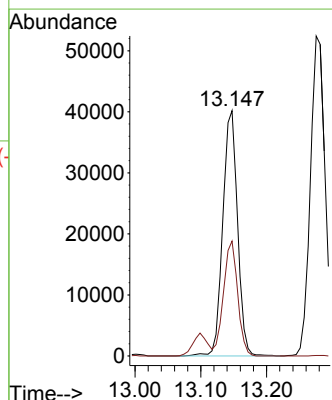
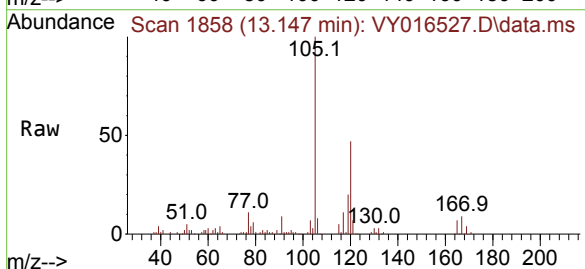
Acq: 29 Nov 2023 09:10

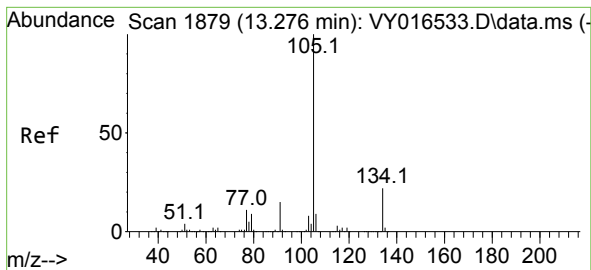
Tgt Ion:105 Resp: 62693

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 9.909 ug/l

RT: 13.275 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

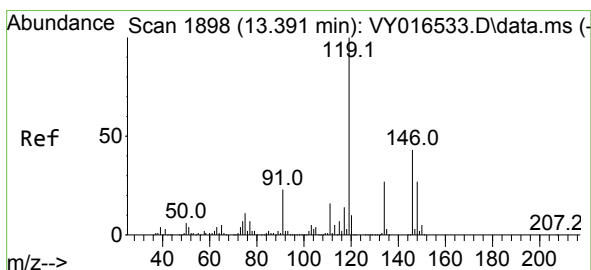
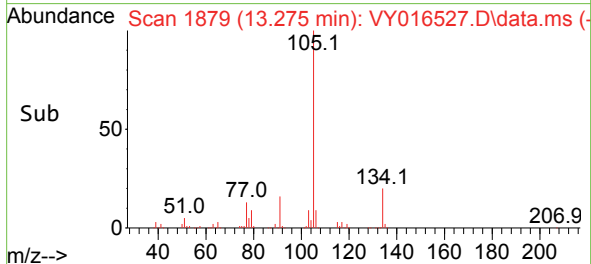
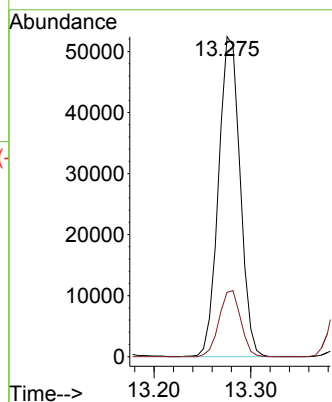
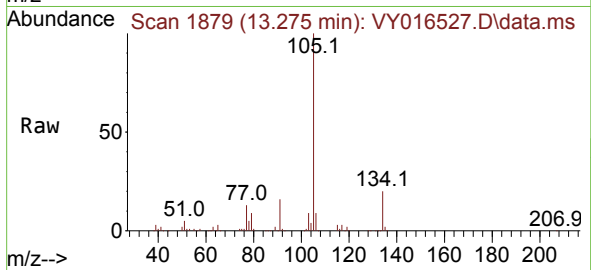
ClientSampleId :

Tgt Ion:105 Resp: 81129

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 9.789 ug/l

RT: 13.391 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

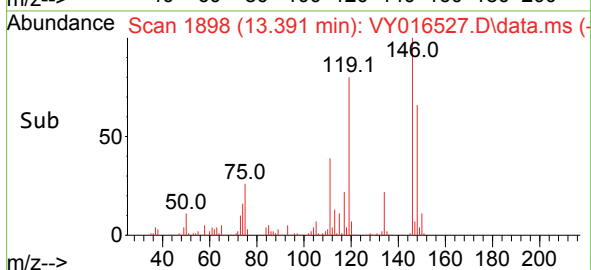
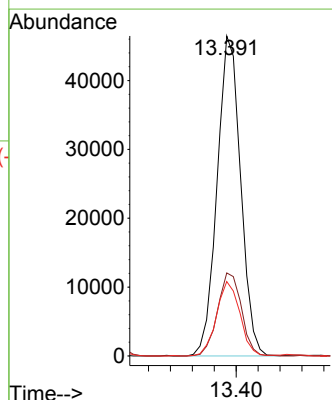
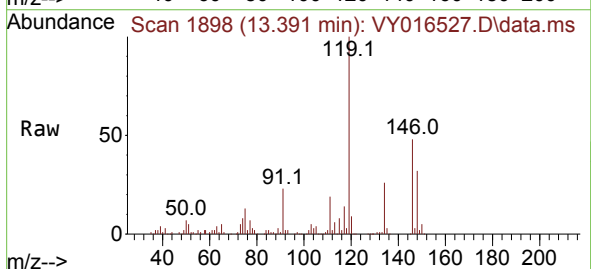
Tgt Ion:119 Resp: 69249

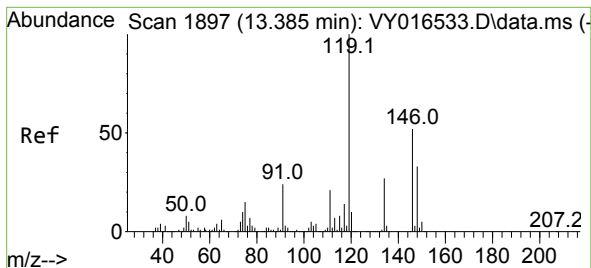
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 9.891 ug/l

RT: 13.391 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

ClientSampleId :

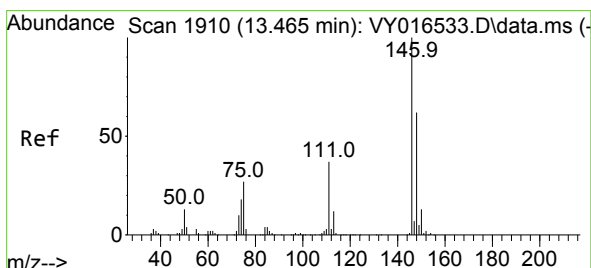
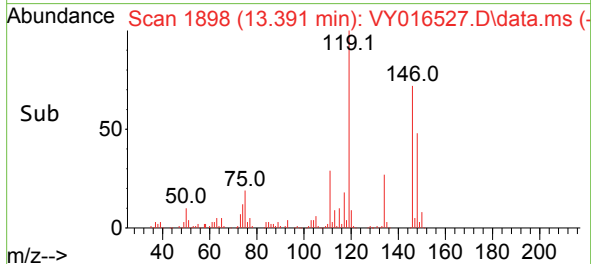
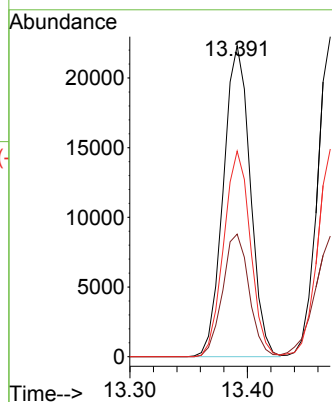
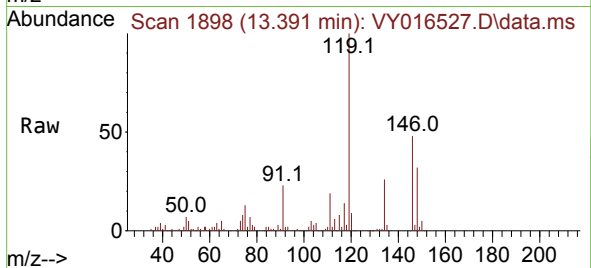
Tgt Ion:146 Resp: 35489

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

148 65.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 10.126 ug/l

RT: 13.471 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

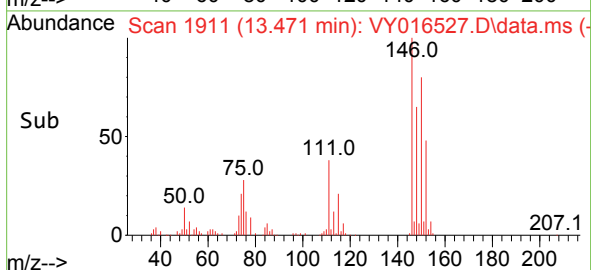
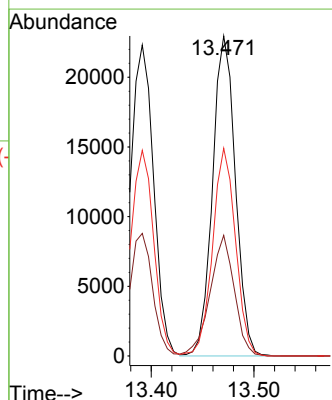
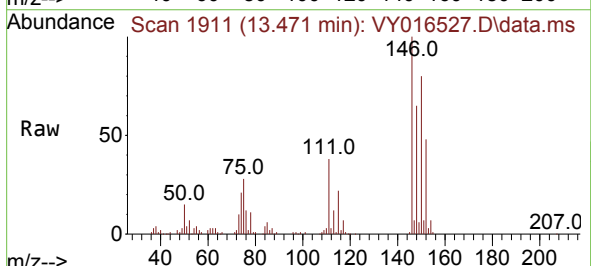
Tgt Ion:146 Resp: 35562

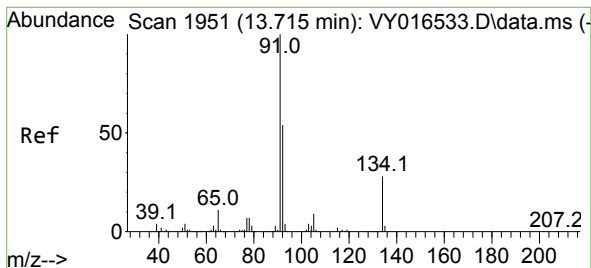
Ion Ratio Lower Upper

146 100

111 39.9 18.9 56.7

148 65.1 32.1 96.5





#89

n-Butylbenzene

Concen: 9.898 ug/l

RT: 13.721 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

ClientSampleId :

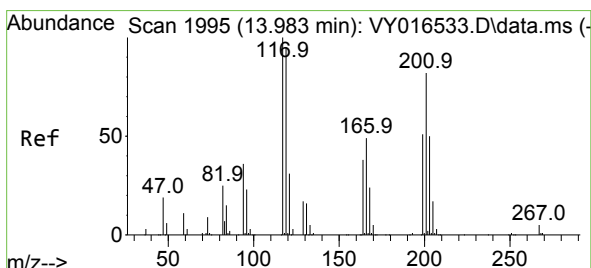
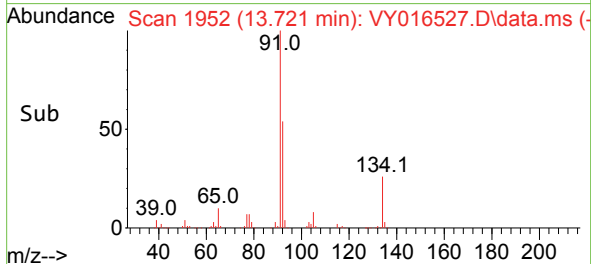
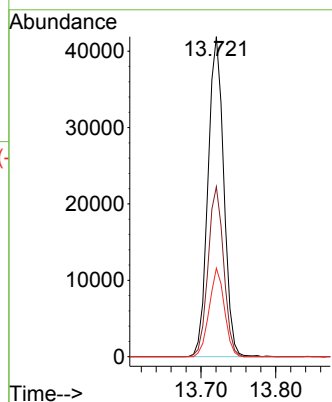
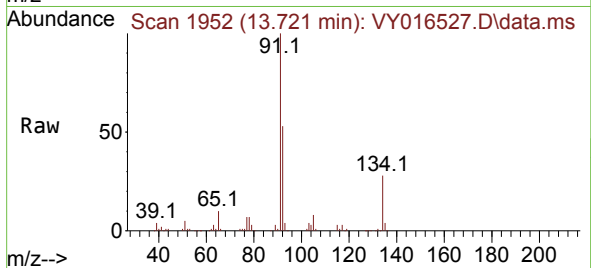
Tgt Ion: 91 Resp: 61372

Ion Ratio Lower Upper

91 100

92 52.5 25.4 76.0

134 26.7 12.6 37.6



#90

Hexachloroethane

Concen: 9.989 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY016527.D

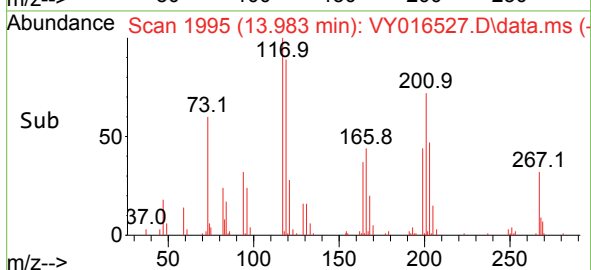
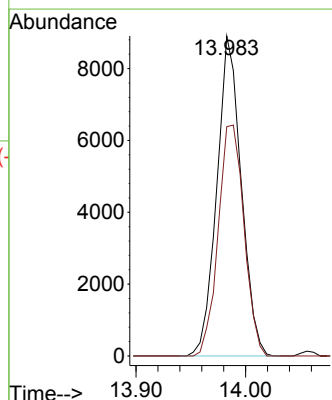
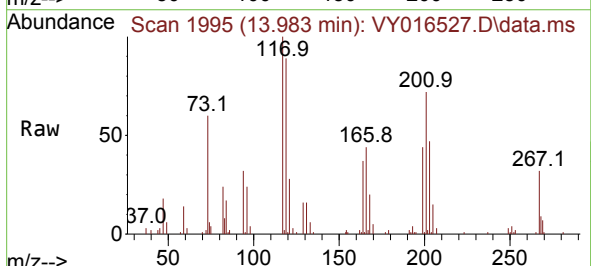
Acq: 29 Nov 2023 09:10

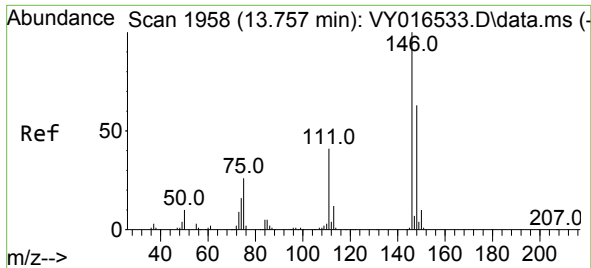
Tgt Ion: 117 Resp: 13788

Ion Ratio Lower Upper

117 100

201 76.3 41.6 124.8

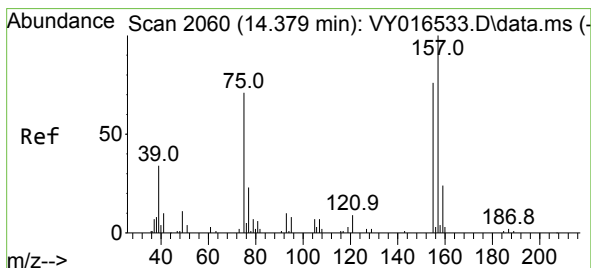
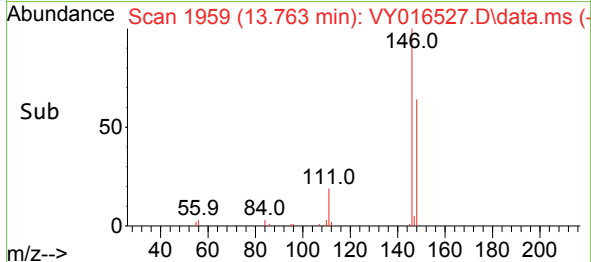
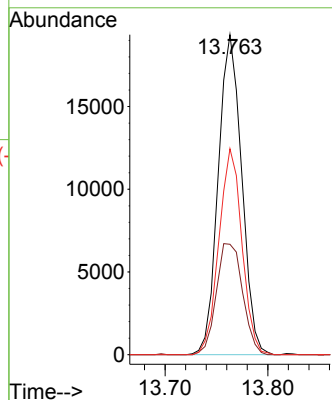
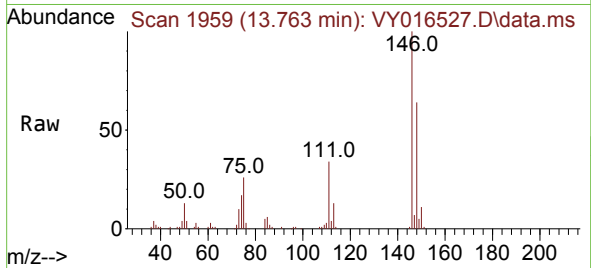




#91
1,2-Dichlorobenzene
Concen: 10.082 ug/l
RT: 13.763 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

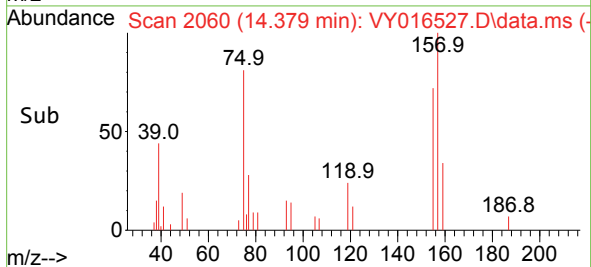
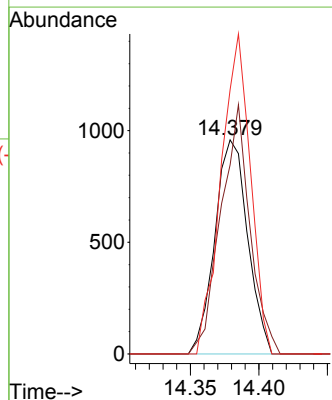
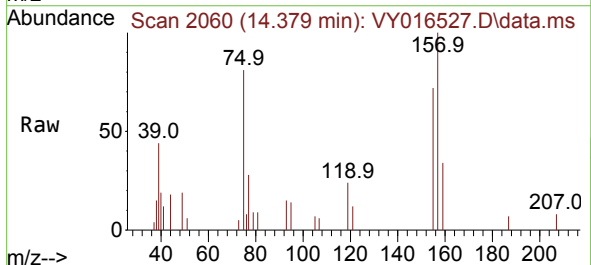
Instrument :
MSVOA_Y
ClientSampleId :

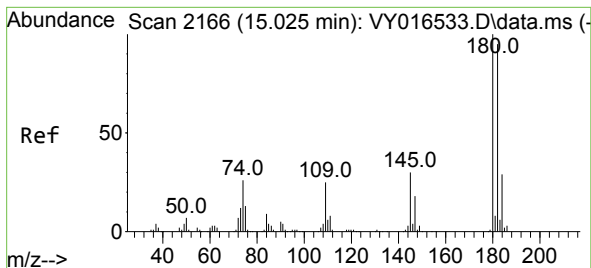
Tgt Ion:146 Resp: 30656
Ion Ratio Lower Upper
146 100
111 38.8 19.7 59.0
148 63.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.371 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion: 75 Resp: 1597
Ion Ratio Lower Upper
75 100
155 103.8 41.5 124.6
157 134.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 10.982 ug/l

RT: 15.031 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

Instrument :

MSVOA_Y

ClientSampleId :

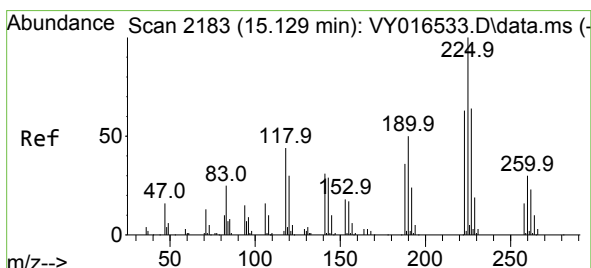
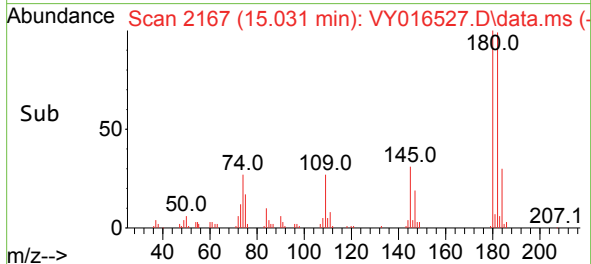
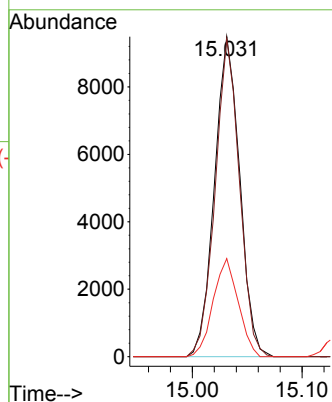
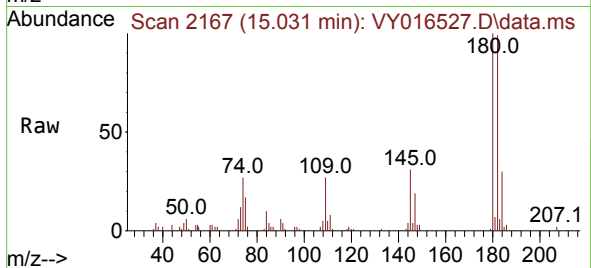
Tgt Ion:180 Resp: 15133

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 10.094 ug/l

RT: 15.135 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY016527.D

Acq: 29 Nov 2023 09:10

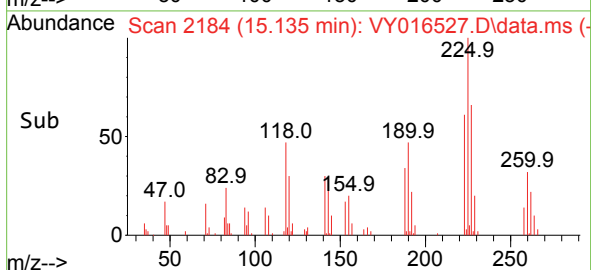
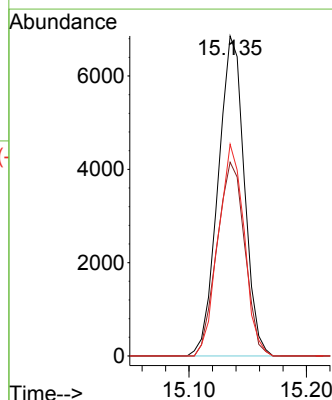
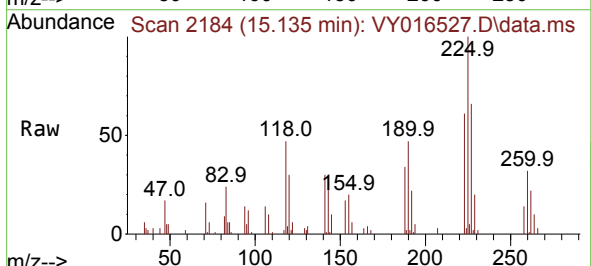
Tgt Ion:225 Resp: 10630

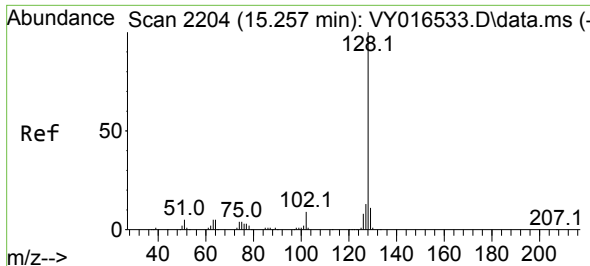
Ion Ratio Lower Upper

225 100

223 64.1 31.9 95.9

227 65.4 33.0 98.9

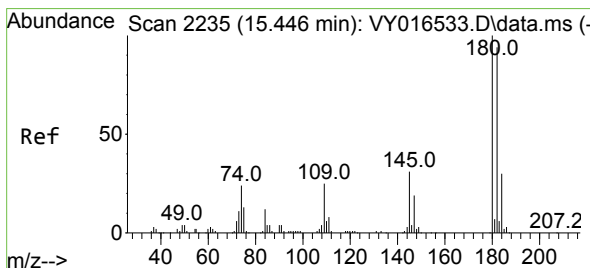
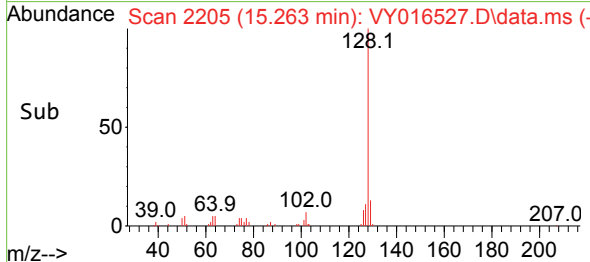
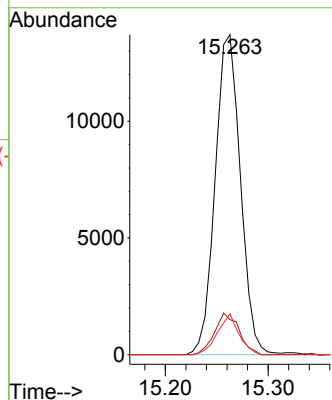
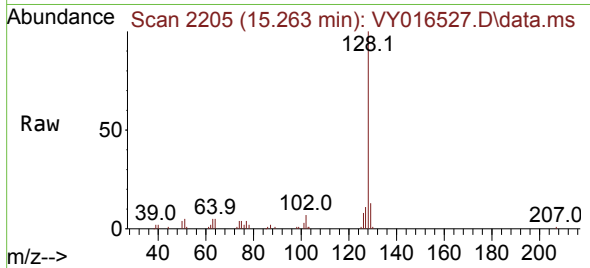




#95
Naphthalene
Concen: 11.280 ug/l
RT: 15.263 min Scan# 2205
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 23390
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 11.448 ug/l
RT: 15.452 min Scan# 2236
Delta R.T. 0.006 min
Lab File: VY016527.D
Acq: 29 Nov 2023 09:10

Tgt Ion:180 Resp: 12156
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.8
145 33.5 15.4 46.2

