

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113023\
 Data File : VY016545.D
 Acq On : 30 Nov 2023 10:21
 Operator : SY/MD
 Sample : VY1130SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 00:57:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	172639	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.710	114	263605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	225663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	107351	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	68764	50.416	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.840%	
35) Dibromofluoromethane	7.740	113	80051	51.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.480%	
50) Toluene-d8	10.197	98	311165	51.856	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.720%	
62) 4-Bromofluorobenzene	12.495	95	100387	53.329	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.660%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.912	85	32739	21.770	ug/l 96
3) Chloromethane	2.125	50	31136	20.755	ug/l 98
4) Vinyl Chloride	2.266	62	36408	21.502	ug/l 98
5) Bromomethane	2.668	94	23005	20.988	ug/l 99
6) Chloroethane	2.814	64	22021	20.146	ug/l 97
7) Trichlorofluoromethane	3.143	101	59887	20.430	ug/l 99
8) Diethyl Ether	3.546	74	15653	20.105	ug/l 75
9) 1,1,2-Trichlorotrifluo...	3.924	101	33801	20.314	ug/l 97
10) Methyl Iodide	4.113	142	37199	19.760	ug/l 97
11) Tert butyl alcohol	4.972	59	8488	98.187	ug/l # 85
12) 1,1-Dichloroethene	3.899	96	32030	20.597	ug/l # 74
13) Acrolein	3.747	56	14407	87.950	ug/l 97
14) Allyl chloride	4.503	41	36224	20.262	ug/l # 87
15) Acrylonitrile	5.192	53	27549	99.995	ug/l 98
16) Acetone	3.960	43	29916	111.275	ug/l # 87
17) Carbon Disulfide	4.216	76	87129	19.859	ug/l 98
18) Methyl Acetate	4.497	43	18625	18.448	ug/l # 81
19) Methyl tert-butyl Ether	5.241	73	69241	20.432	ug/l 98
20) Methylene Chloride	4.741	84	35168	20.462	ug/l # 80
21) trans-1,2-Dichloroethene	5.247	96	35331	20.398	ug/l 86
22) Diisopropyl ether	6.143	45	77179	20.588	ug/l # 83
23) Vinyl Acetate	6.088	43	177910	102.914	ug/l # 86
24) 1,1-Dichloroethane	6.045	63	54603	20.639	ug/l 96
25) 2-Butanone	7.009	43	40572	110.253	ug/l # 82
26) 2,2-Dichloropropane	7.009	77	53893	20.611	ug/l 94
27) cis-1,2-Dichloroethene	7.015	96	38552	20.718	ug/l 87
28) Bromochloromethane	7.356	49	18504	19.353	ug/l # 65
29) Tetrahydrofuran	7.368	42	20243	102.397	ug/l # 78
30) Chloroform	7.533	83	61259	20.775	ug/l 98
31) Cyclohexane	7.807	56	49270	20.576	ug/l # 77
32) 1,1,1-Trichloroethane	7.728	97	58988	20.644	ug/l 95
36) 1,1-Dichloropropene	7.941	75	47158	20.641	ug/l 97
37) Ethyl Acetate	7.100	43	14873	20.771	ug/l # 91
38) Carbon Tetrachloride	7.923	117	54496	20.323	ug/l 94
39) Methylcyclohexane	9.203	83	57867	20.307	ug/l 89
40) Benzene	8.179	78	133112	20.549	ug/l 99

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Dec 01 00:57:16 2023
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	8876	23.531	ug/l #	91
42) 1,2-Dichloroethane	8.258	62	33075	20.604	ug/l	91
43) Isopropyl Acetate	8.295	43	28369	20.147	ug/l #	83
44) Trichloroethene	8.960	130	40749	20.423	ug/l	96
45) 1,2-Dichloropropane	9.234	63	30160	20.634	ug/l	96
46) Dibromomethane	9.319	93	16887	20.546	ug/l	98
47) Bromodichloromethane	9.514	83	44325	20.426	ug/l	96
48) Methyl methacrylate	9.307	41	15733	19.902	ug/l #	75
49) 1,4-Dioxane	9.319	88	3055	401.014	ug/l #	53
51) 4-Methyl-2-Pentanone	10.087	43	73287	99.770	ug/l #	84
52) Toluene	10.258	92	87391	21.001	ug/l	93
53) t-1,3-Dichloropropene	10.478	75	40848	20.314	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	50579	20.757	ug/l #	84
55) 1,1,2-Trichloroethane	10.660	97	24430	20.599	ug/l	94
56) Ethyl methacrylate	10.526	69	20575	20.500	ug/l #	74
57) 1,3-Dichloropropane	10.807	76	39838	20.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	61142	98.514	ug/l #	87
59) 2-Hexanone	10.849	43	64212	110.667	ug/l	81
60) Dibromochloromethane	11.002	129	32576	21.014	ug/l	99
61) 1,2-Dibromoethane	11.105	107	23266	20.773	ug/l	99
64) Tetrachloroethene	10.734	164	41065	20.448	ug/l	99
65) Chlorobenzene	11.532	112	95015	21.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	35784	20.655	ug/l	99
67) Ethyl Benzene	11.605	91	166821	21.029	ug/l	97
68) m/p-Xylenes	11.715	106	129636	42.225	ug/l	93
69) o-Xylene	12.044	106	59982	21.281	ug/l	96
70) Styrene	12.057	104	87724	21.631	ug/l	96
71) Bromoform	12.221	173	18746	20.949	ug/l #	100
73) Isopropylbenzene	12.343	105	167829	20.615	ug/l	99
74) N-amyl acetate	12.154	43	22480	19.553	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.593	83	23857	19.742	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	32130	35.647	ug/l #	100
77) Bromobenzene	12.624	156	38745	20.440	ug/l	87
78) n-propylbenzene	12.684	91	191289	20.538	ug/l	96
79) 2-Chlorotoluene	12.770	91	106489	20.557	ug/l	97
80) 1,3,5-Trimethylbenzene	12.825	105	136102	20.797	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.392	75	8078	19.546	ug/l	89
82) 4-Chlorotoluene	12.867	91	109509	20.589	ug/l	96
83) tert-Butylbenzene	13.087	119	119943	20.309	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	135834	21.319	ug/l	98
85) sec-Butylbenzene	13.270	105	172370	21.103	ug/l	99
86) p-Isopropyltoluene	13.386	119	150906	21.383	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	75228	21.017	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	72772	20.772	ug/l	99
89) n-Butylbenzene	13.709	91	131503	21.258	ug/l	95
90) Hexachloroethane	13.977	117	28191	20.473	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	63691	20.996	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3374	19.846	ug/l	75
93) 1,2,4-Trichlorobenzene	15.019	180	35007	20.966	ug/l	97
94) Hexachlorobutadiene	15.123	225	23572	22.437	ug/l	98
95) Naphthalene	15.251	128	56633	20.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	28232	21.204	ug/l	99

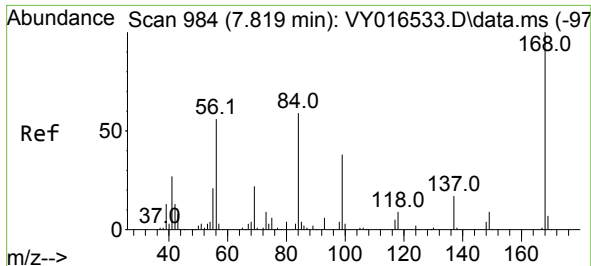
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Data File : VY016545.D
Acq On : 30 Nov 2023 10:21
Operator : SY/MD
Sample : VY1130SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 01 00:57:16 2023
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Quant Title : SW846 8260
QLast Update : Thu Nov 30 03:28:04 2023
Response via : Initial Calibration

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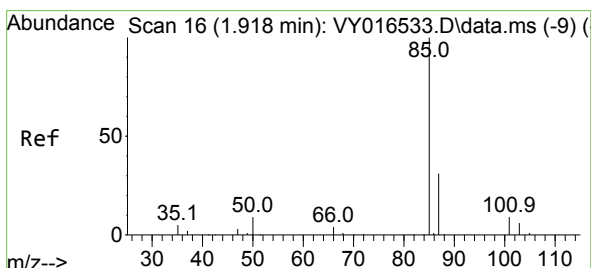
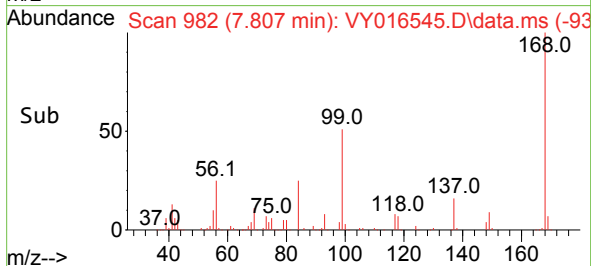
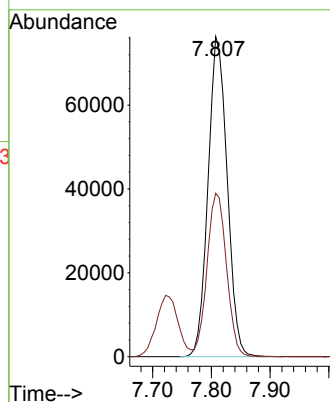
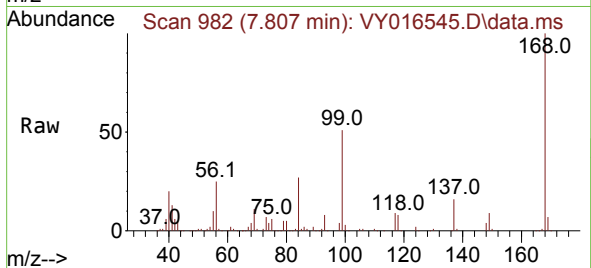
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

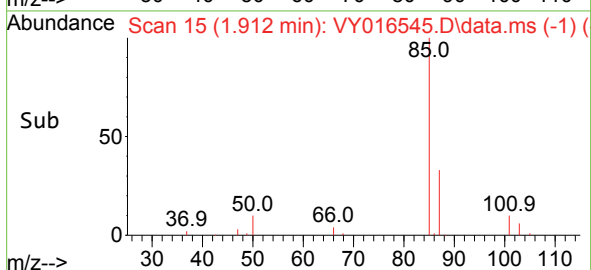
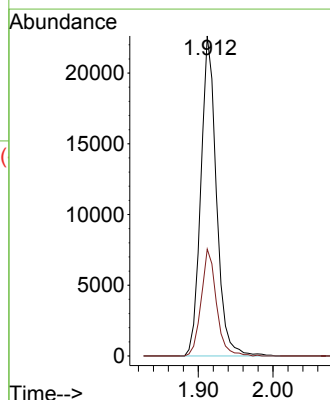
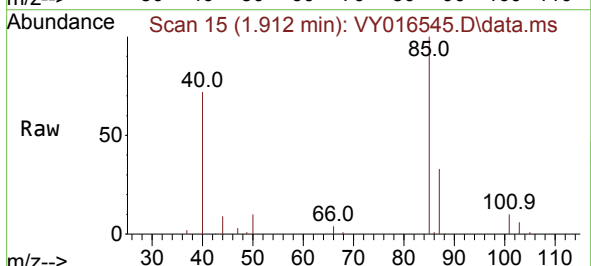
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MSVOA_Y
ClientSampleId :

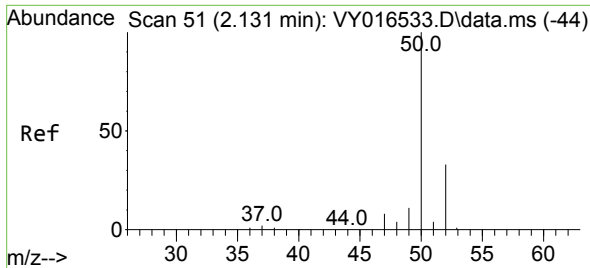
Tgt Ion:168 Resp: 172639
Ion Ratio Lower Upper
168 100
99 51.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.770 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion: 85 Resp: 32739
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.8

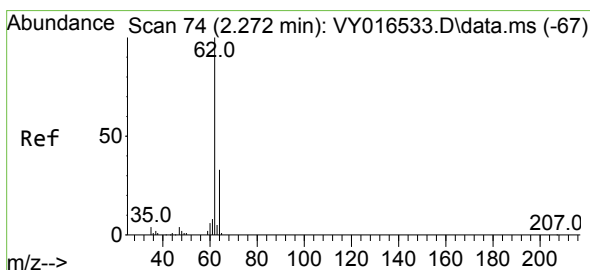
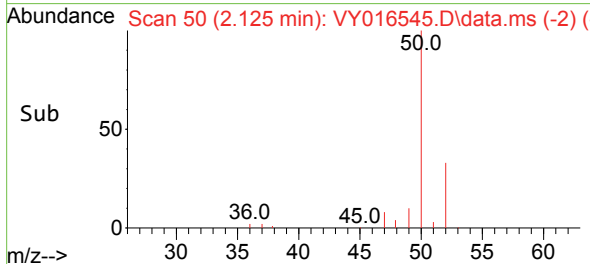
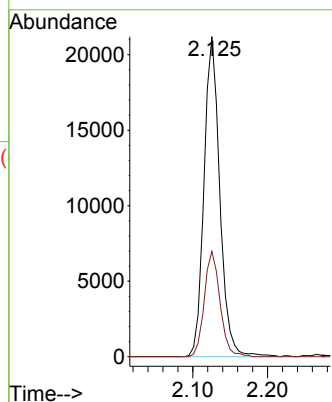
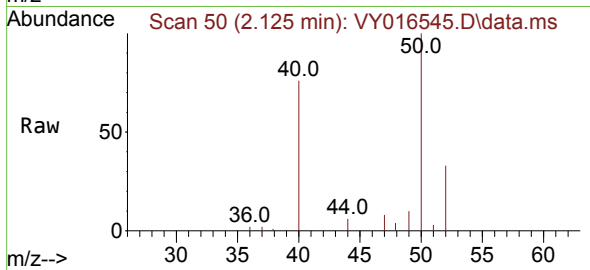




#3
Chloromethane
Concen: 20.755 ug/l
RT: 2.125 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

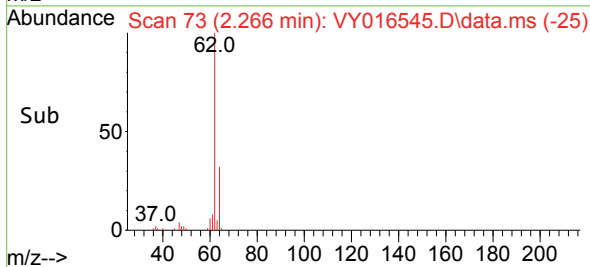
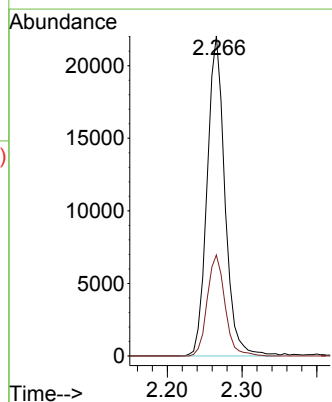
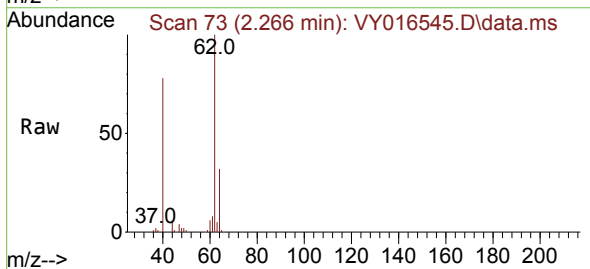
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ClientSampleId :

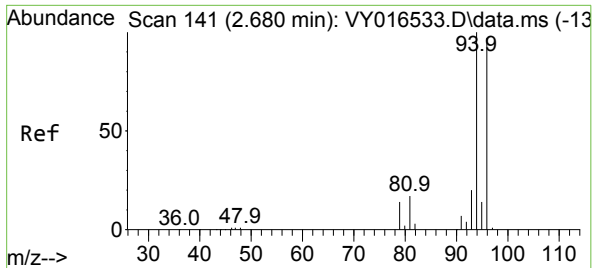
Tgt Ion: 50 Resp: 31136
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 21.502 ug/l
RT: 2.266 min Scan# 73
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion: 62 Resp: 36408
Ion Ratio Lower Upper
62 100
64 31.5 24.3 36.5

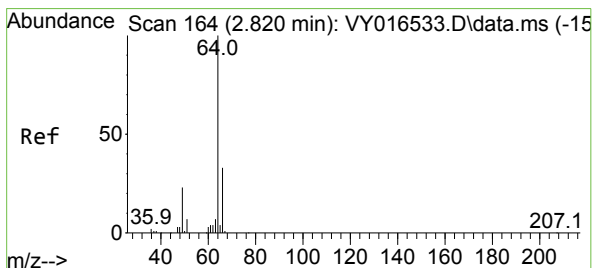
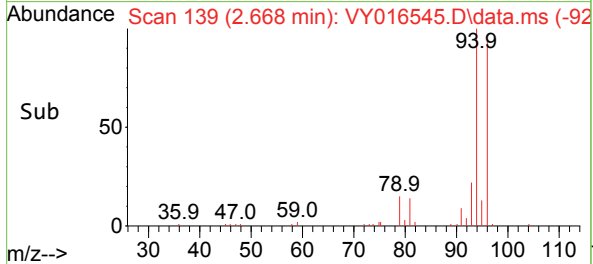
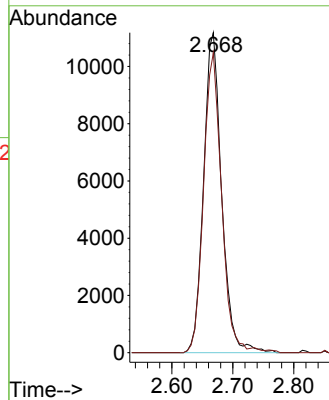
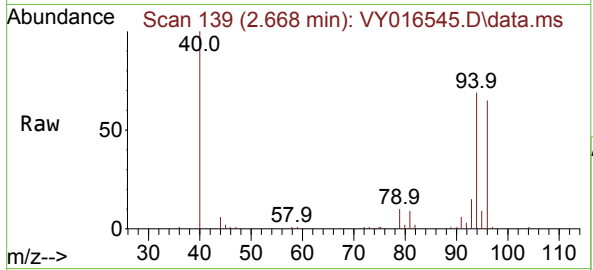




#5
Bromomethane
Concen: 20.988 ug/l
RT: 2.668 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

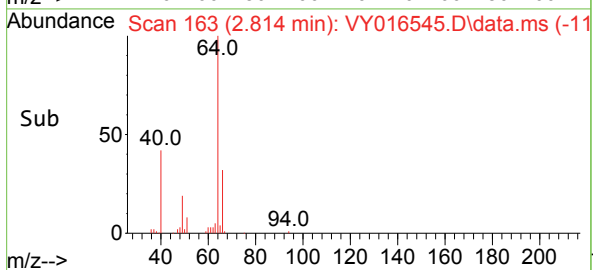
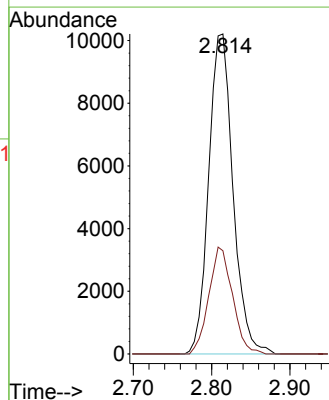
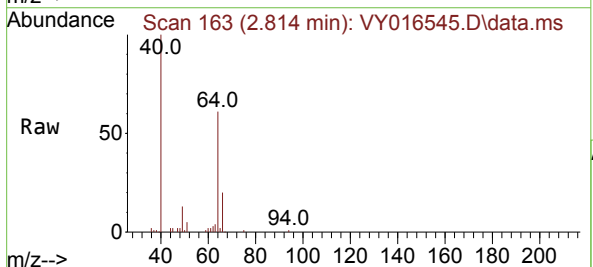
Instrument :
MSVOA_Y
ClientSampleId :

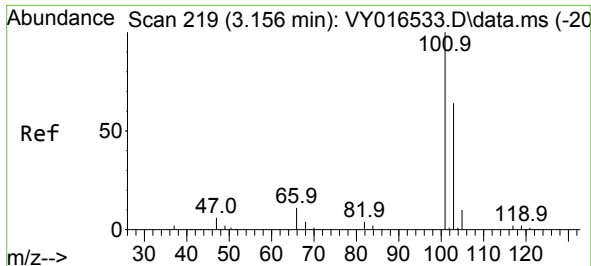
Tgt Ion: 94 Resp: 23005
Ion Ratio Lower Upper
94 100
96 93.7 75.8 113.6



#6
Chloroethane
Concen: 20.146 ug/l
RT: 2.814 min Scan# 163
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

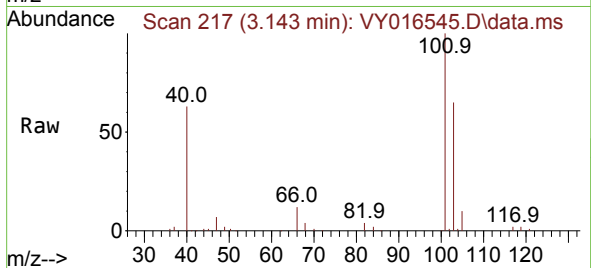
Tgt Ion: 64 Resp: 22021
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6



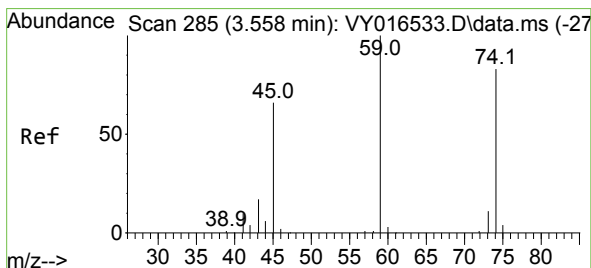
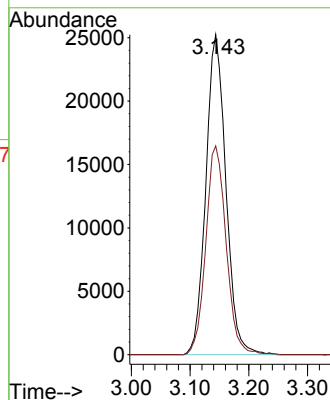
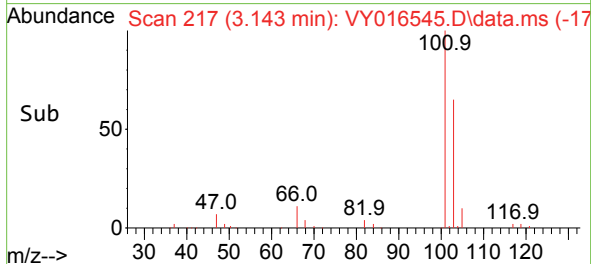


#7
 Trichlorofluoromethane
 Concen: 20.430 ug/l
 RT: 3.143 min Scan# 219
 Delta R.T. -0.012 min
 Lab File: VY016545.D
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Instrument :
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 ClientSampleId :

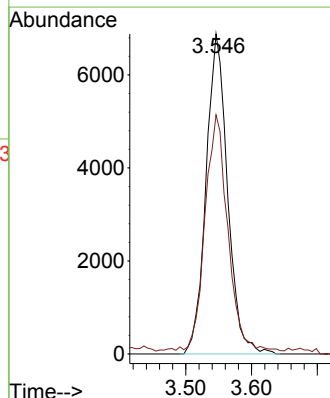
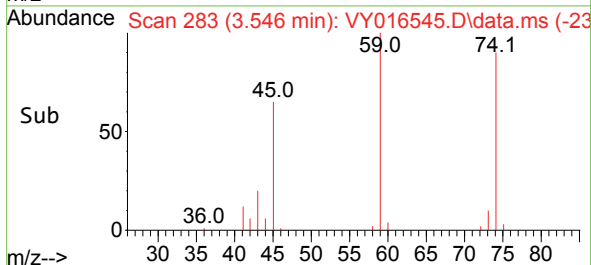
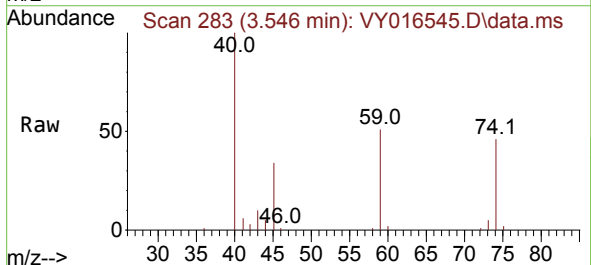


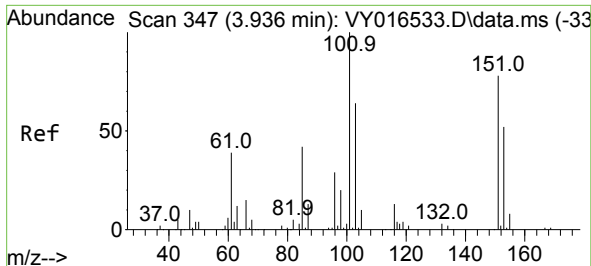
Tgt Ion:101 Resp: 59887
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.105 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. -0.012 min
 Lab File: VY016545.D
 Acq: 30 Nov 2023 10:21

Tgt Ion: 74 Resp: 15653
 Ion Ratio Lower Upper
 74 100
 45 77.7 51.5 154.5

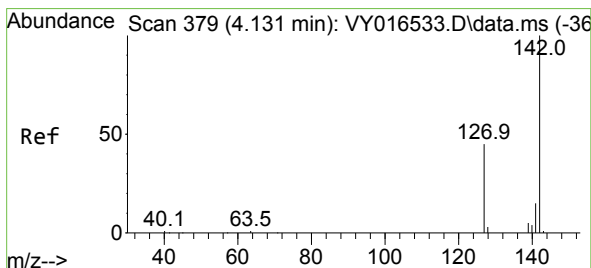
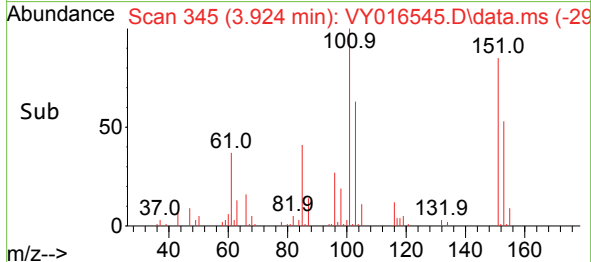
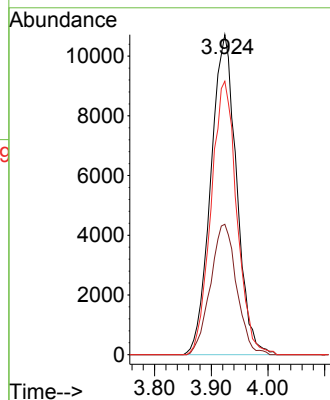
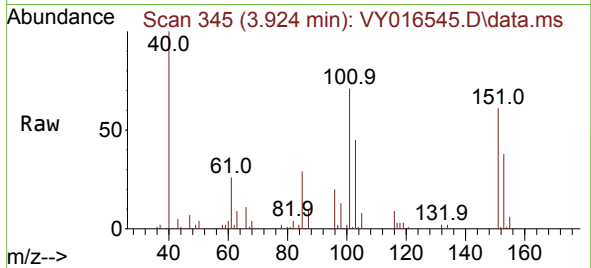




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.314 ug/l
RT: 3.924 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY016545.D
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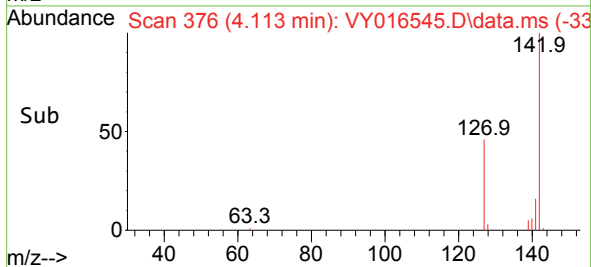
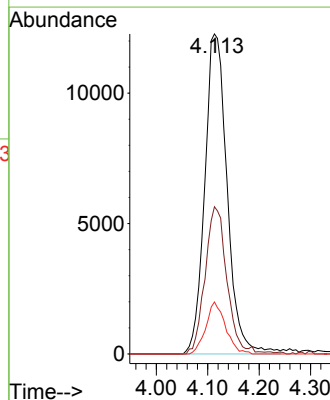
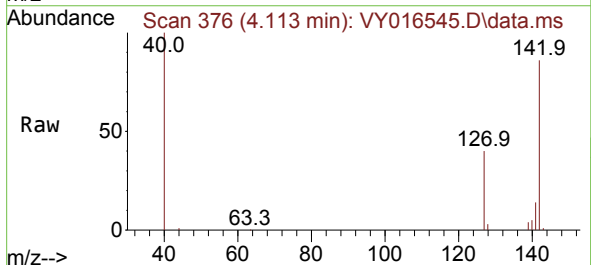
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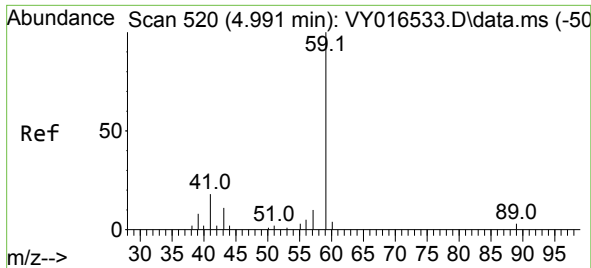
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Ion Ratio Lower Upper
101 100
85 41.4 36.6 55.0
151 85.1 67.0 100.6



#10
Methyl Iodide
Concen: 19.760 ug/l
RT: 4.113 min Scan# 376
Delta R.T. -0.018 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

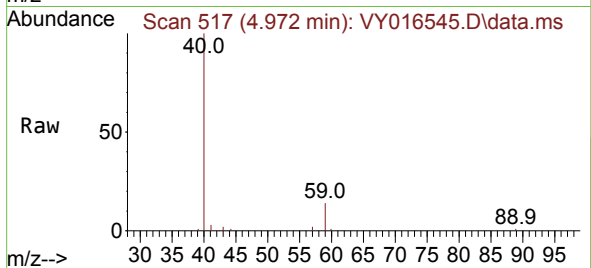
Tgt Ion:142 Resp: 37199
Ion Ratio Lower Upper
142 100
127 44.8 37.6 56.4
141 14.3 11.8 17.8



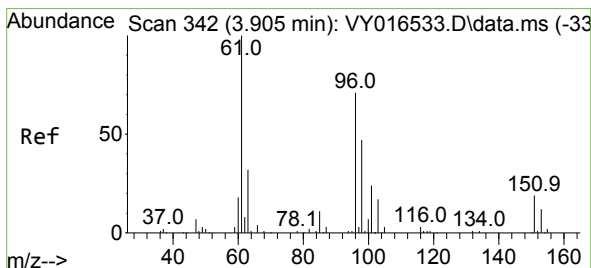
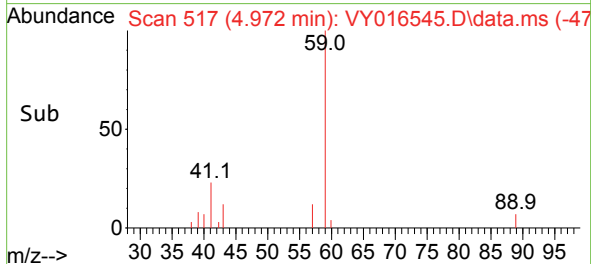
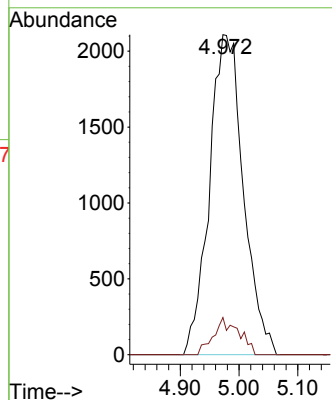


#11
Tert butyl alcohol
Concen: 98.187 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :

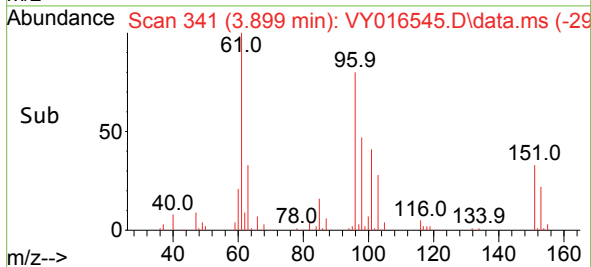
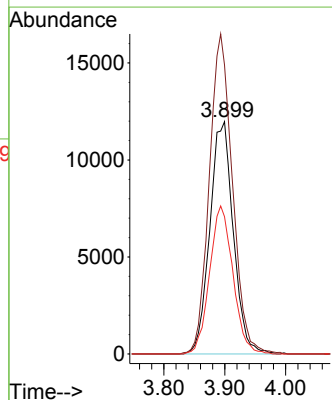
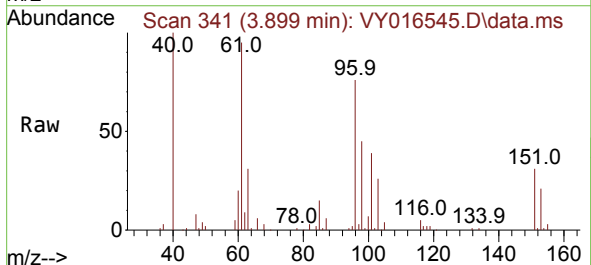


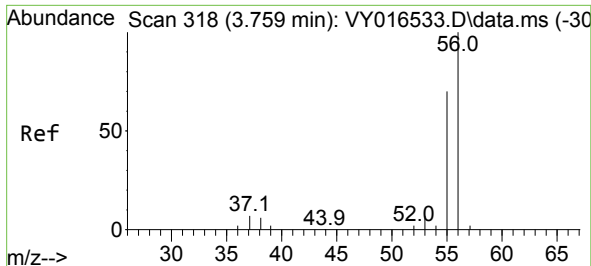
Tgt Ion: 59 Resp: 8488
Ion Ratio Lower Upper
59 100
57 8.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.597 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion: 96 Resp: 32030
Ion Ratio Lower Upper
96 100
61 124.4 136.4 204.6#
98 59.1 49.4 74.2





#13

Acrolein

Concen: 87.950 ug/l

RT: 3.747 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

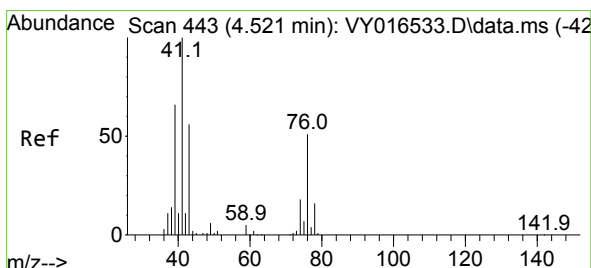
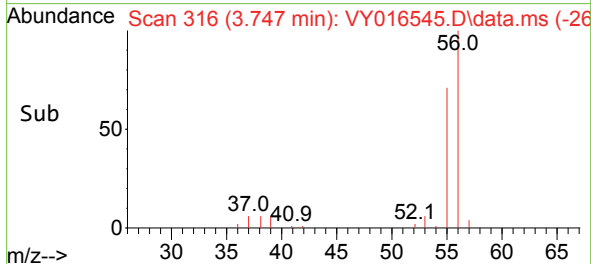
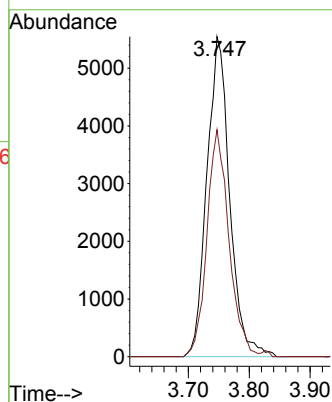
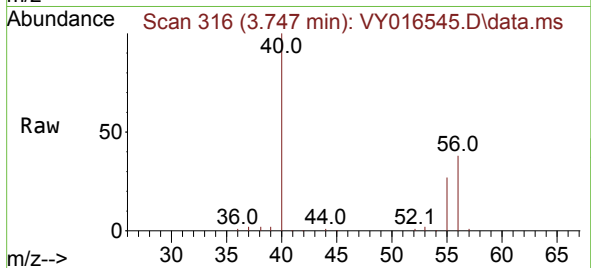
ClientSampleId :

Tgt Ion: 56 Resp: 14407

Ion Ratio Lower Upper

56 100

55 68.6 57.0 85.4



#14

Allyl chloride

Concen: 20.262 ug/l

RT: 4.503 min Scan# 440

Delta R.T. -0.018 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

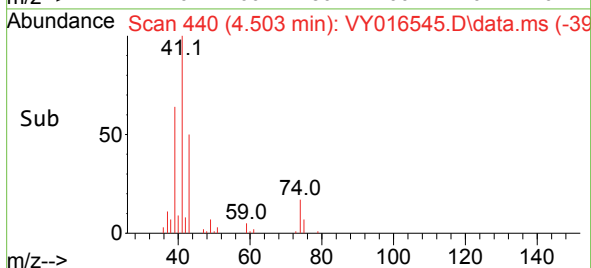
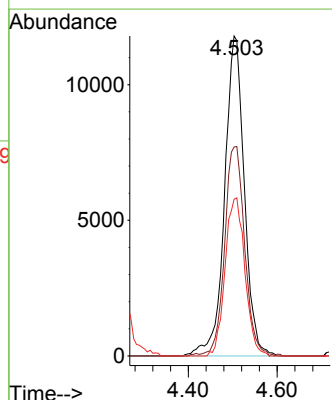
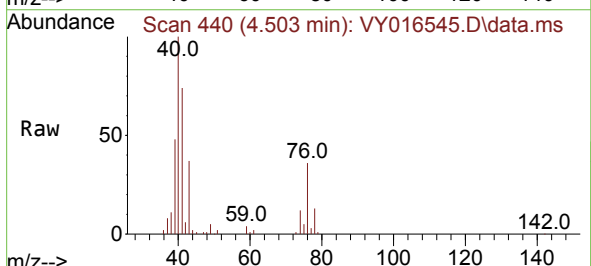
Tgt Ion: 41 Resp: 36224

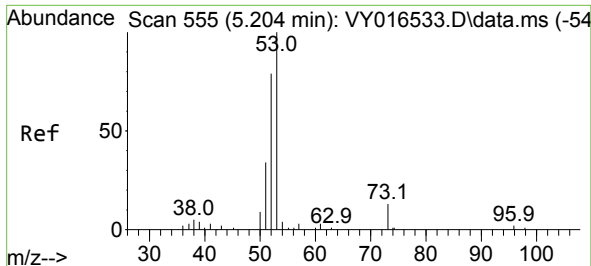
Ion Ratio Lower Upper

41 100

39 66.5 58.0 87.0

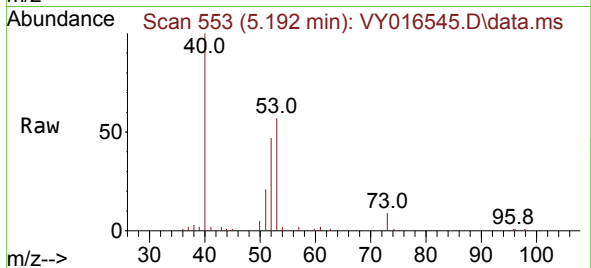
76 49.7 27.4 41.2#



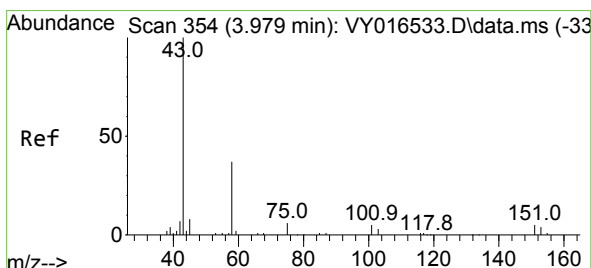
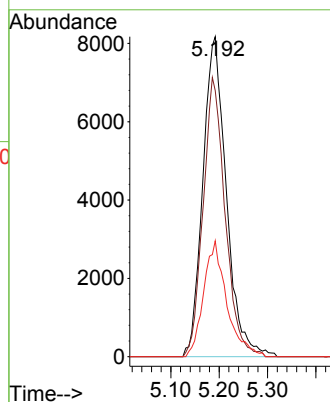
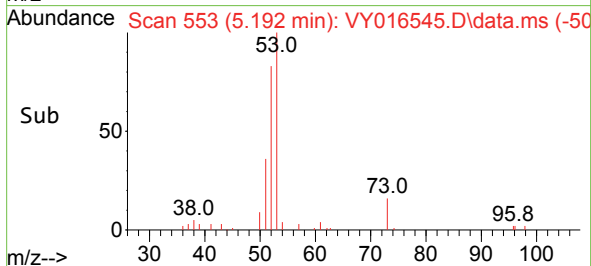


#15
Acrylonitrile
Concen: 99.995 ug/l
RT: 5.192 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :

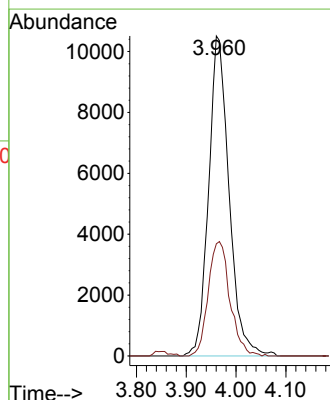
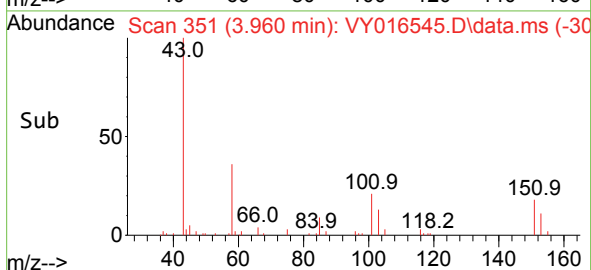
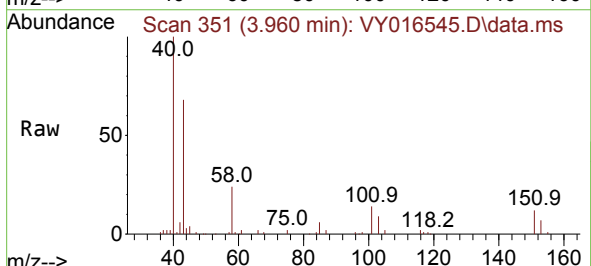


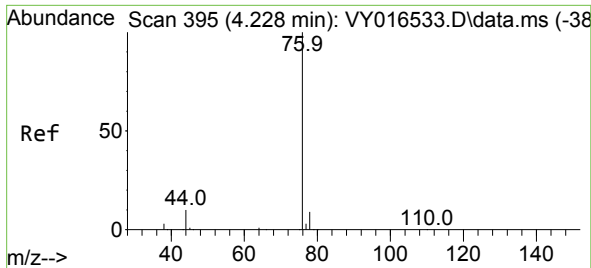
Tgt Ion:	53	Resp:	27549
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.9	100.3
51	35.7	29.8	44.6



#16
Acetone
Concen: 111.275 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.019 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion:	43	Resp:	29916
Ion	Ratio	Lower	Upper
43	100		
58	35.1	22.7	34.1#

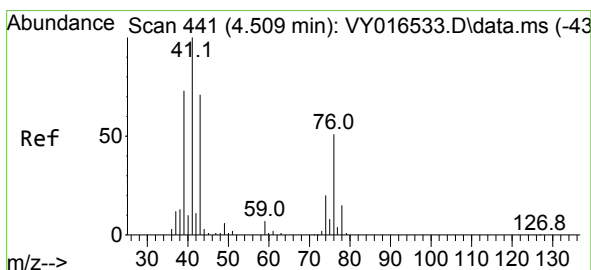
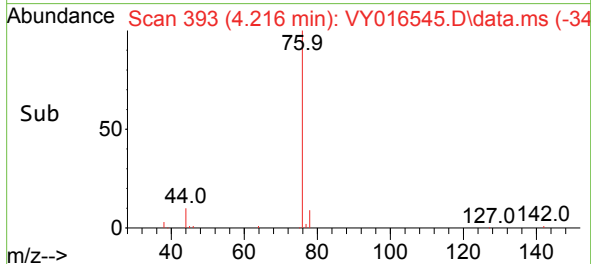
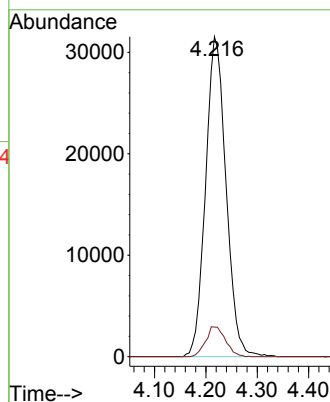
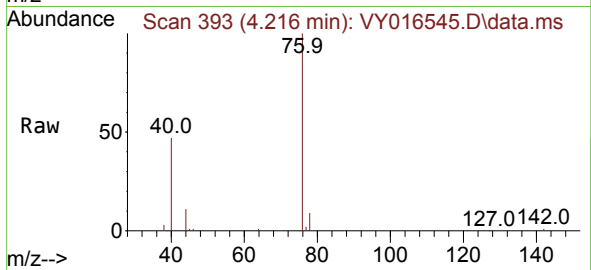




#17
Carbon Disulfide
Concen: 19.859 ug/l
RT: 4.216 min Scan# 395
Delta R.T. -0.012 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

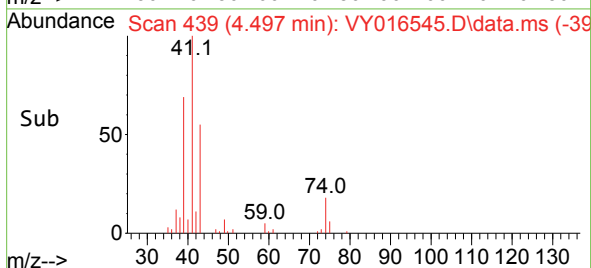
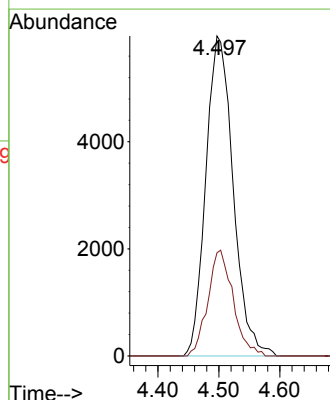
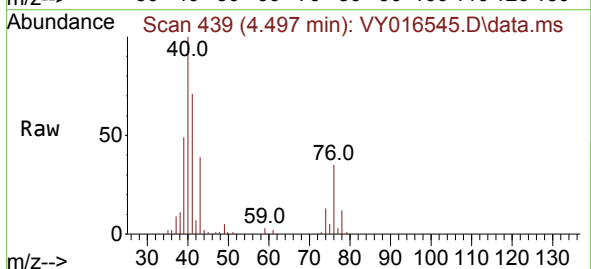
Instrument :
MSVOA_Y
ClientSampleId :

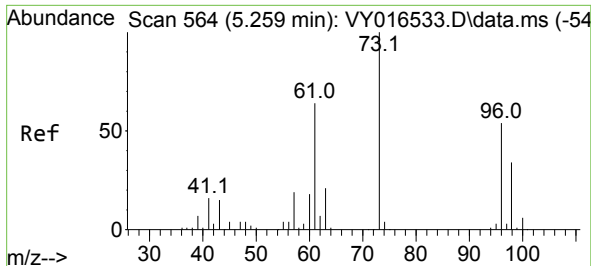
Tgt Ion: 76 Resp: 87129
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 18.448 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.012 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

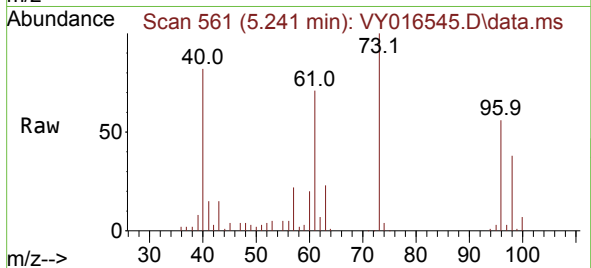
Tgt Ion: 43 Resp: 18625
Ion Ratio Lower Upper
43 100
74 30.6 17.4 26.0#



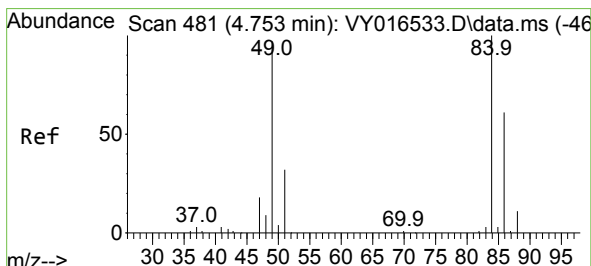
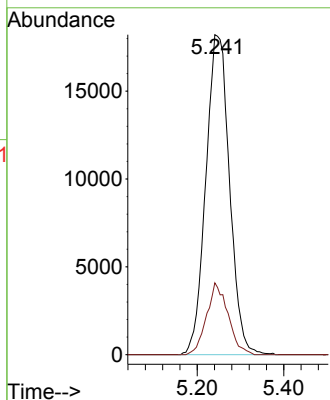
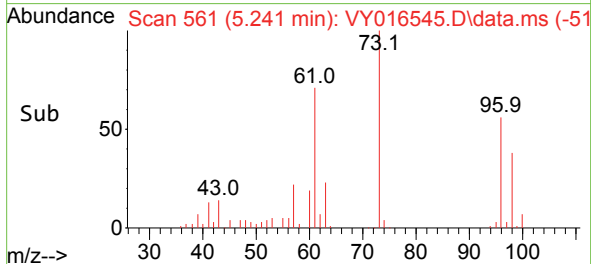


#19
Methyl tert-butyl Ether
Concen: 20.432 ug/l
RT: 5.241 min Scan# 50
Delta R.T. -0.018 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

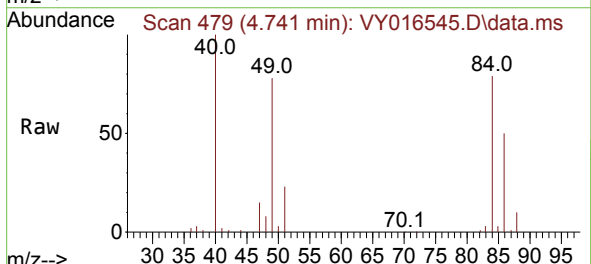
Instrument :
MSVOA_Y
ClientSampleId :



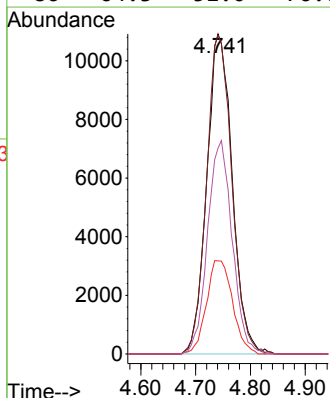
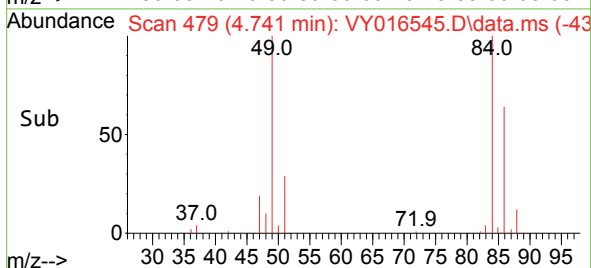
Tgt Ion: 73 Resp: 69241
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

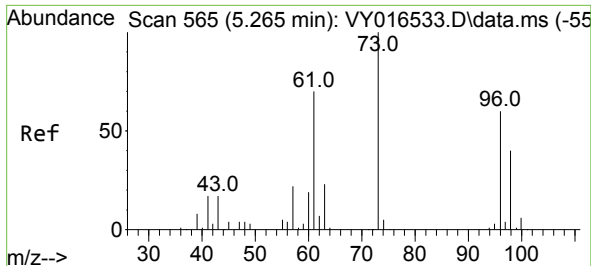


#20
Methylene Chloride
Concen: 20.462 ug/l
RT: 4.741 min Scan# 479
Delta R.T. -0.012 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21



Tgt Ion: 84 Resp: 35168
Ion Ratio Lower Upper
84 100
49 99.6 106.9 160.3#
51 29.1 33.2 49.8#
86 64.3 51.0 76.6

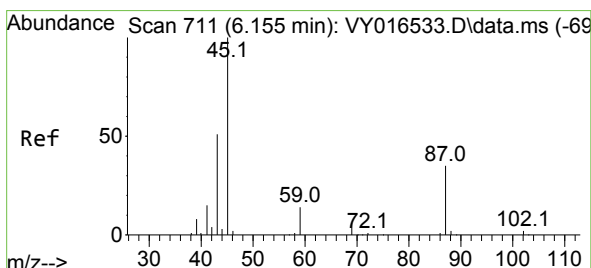
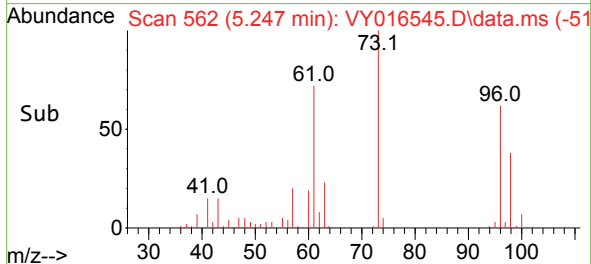
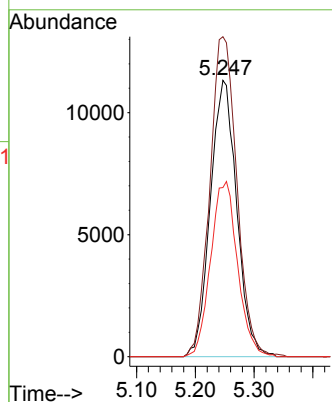
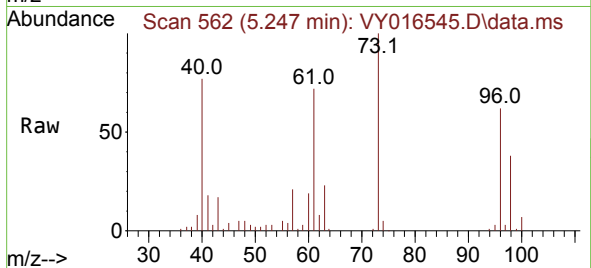




#21
trans-1,2-Dichloroethene
Concen: 20.398 ug/l
RT: 5.247 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

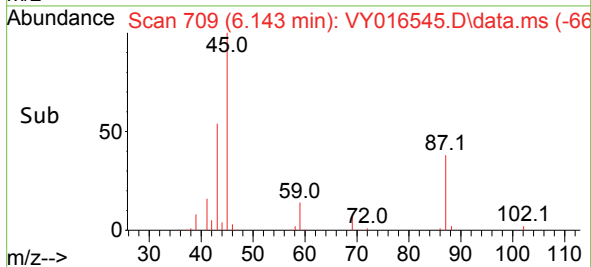
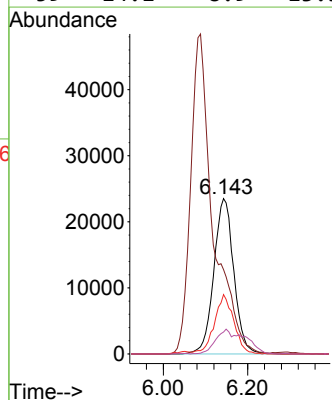
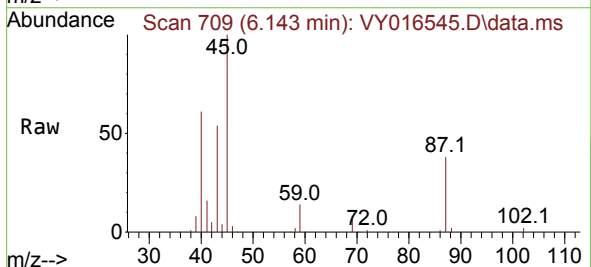
Instrument :
MSVOA_Y
ClientSampleId :

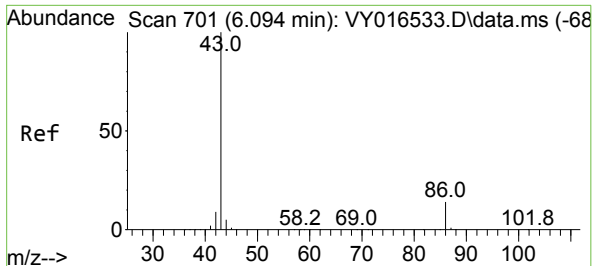
Tgt Ion: 96 Resp: 35331
Ion Ratio Lower Upper
96 100
61 115.8 110.2 165.4
98 61.2 51.8 77.6



#22
Diisopropyl ether
Concen: 20.588 ug/l
RT: 6.143 min Scan# 709
Delta R.T. -0.012 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion: 45 Resp: 77179
Ion Ratio Lower Upper
45 100
43 53.2 52.2 78.4
87 38.2 21.0 31.6#
59 14.1 8.9 13.3#

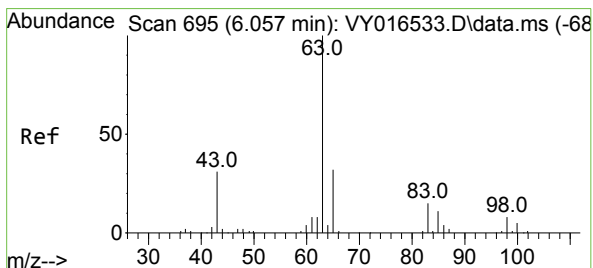
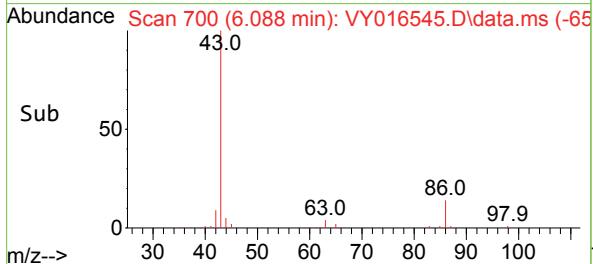
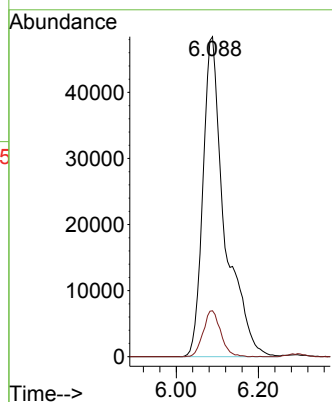
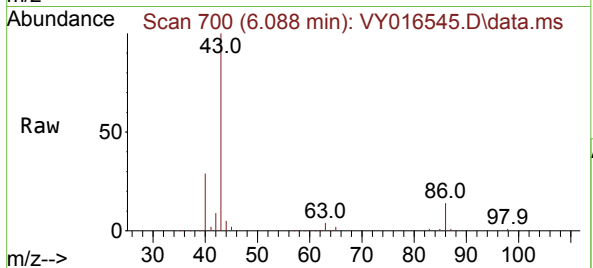




#23
Vinyl Acetate
Concen: 102.914 ug/l
RT: 6.088 min Scan# 701
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

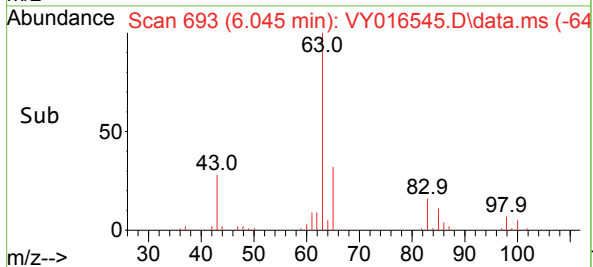
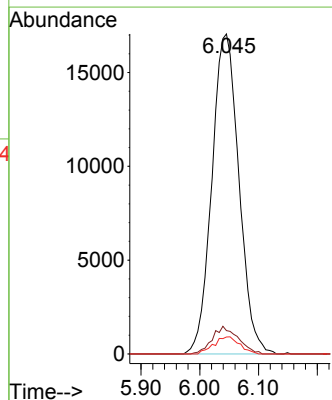
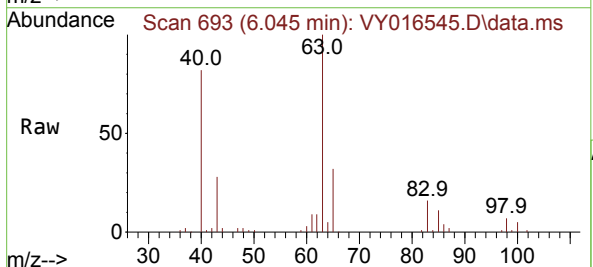
Instrument :
MSVOA_Y
ClientSampleId :

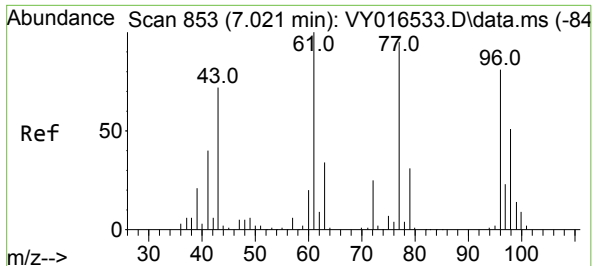
Tgt Ion: 43 Resp: 177910
Ion Ratio Lower Upper
43 100
86 14.4 7.5 11.3#



#24
1,1-Dichloroethane
Concen: 20.639 ug/l
RT: 6.045 min Scan# 693
Delta R.T. -0.012 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion: 63 Resp: 54603
Ion Ratio Lower Upper
63 100
98 7.3 3.1 9.4
100 5.3 1.8 5.5





#25

2-Butanone

Concen: 110.253 ug/l

RT: 7.009 min Scan# 851

Delta R.T. -0.012 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

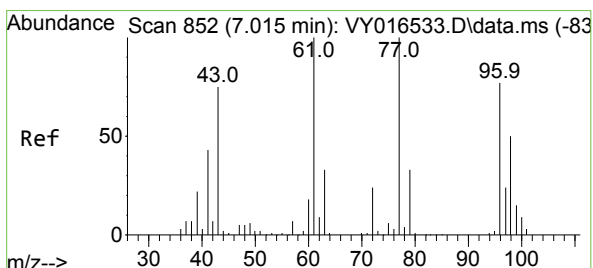
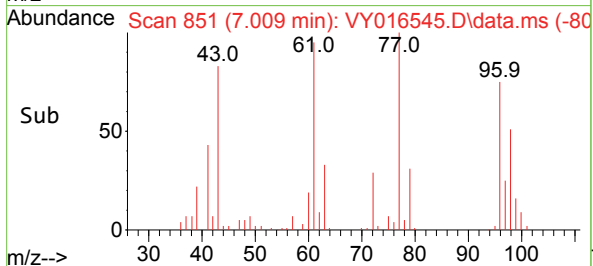
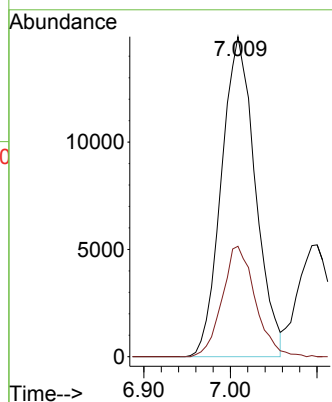
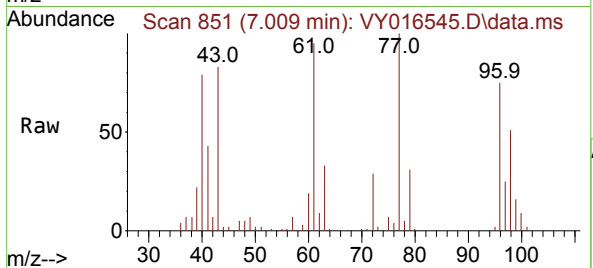
ClientSampleId :

Tgt Ion: 43 Resp: 40572

Ion Ratio Lower Upper

43 100

72 34.5 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 20.611 ug/l

RT: 7.009 min Scan# 851

Delta R.T. -0.006 min

Lab File: VY016545.D

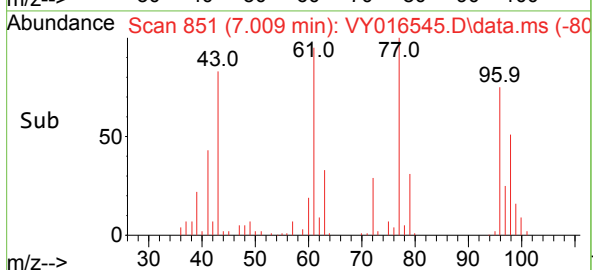
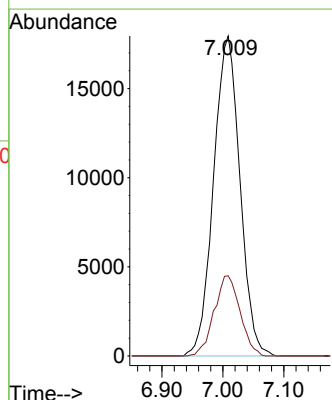
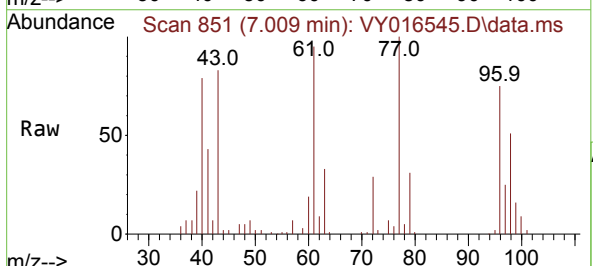
Acq: 30 Nov 2023 10:21

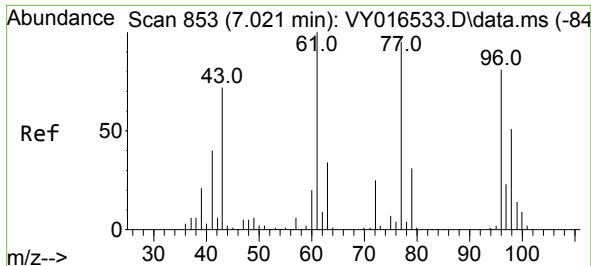
Tgt Ion: 77 Resp: 53893

Ion Ratio Lower Upper

77 100

97 24.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.718 ug/l

RT: 7.015 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

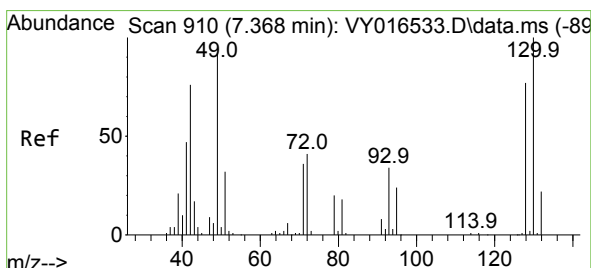
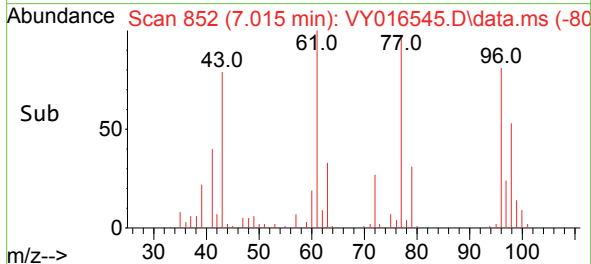
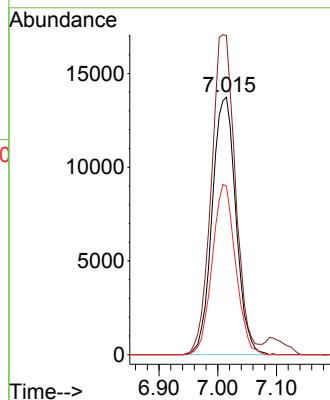
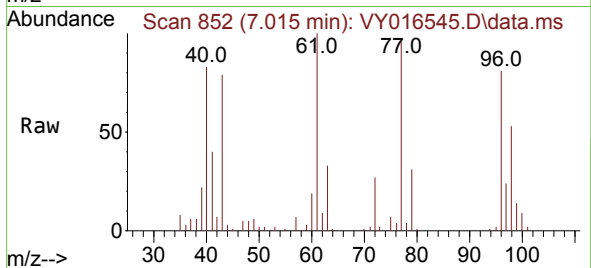
Tgt Ion: 96 Resp: 38552

Ion Ratio Lower Upper

96 100

61 126.3 0.0 301.4

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 19.353 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.012 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

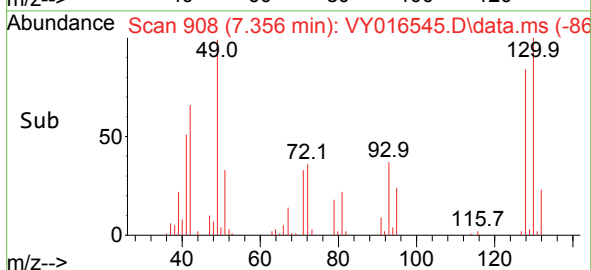
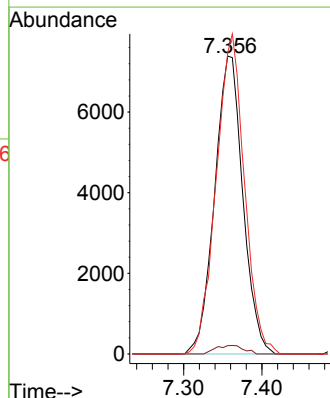
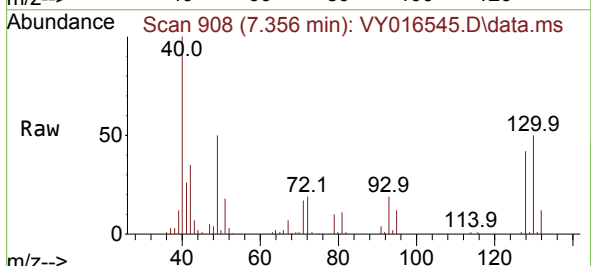
Tgt Ion: 49 Resp: 18504

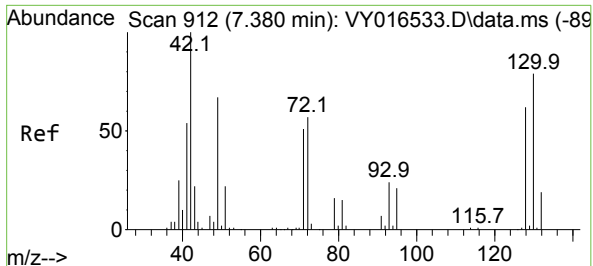
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 107.1 60.7 91.1#





#29

Tetrahydrofuran

Concen: 102.397 ug/l

RT: 7.368 min Scan# 912

Delta R.T. -0.012 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

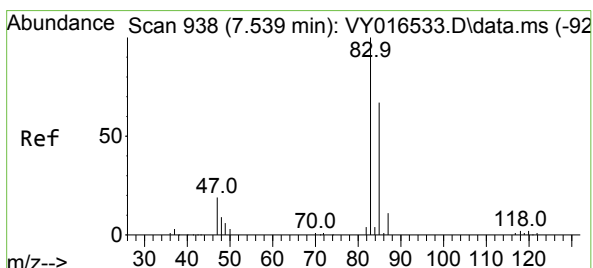
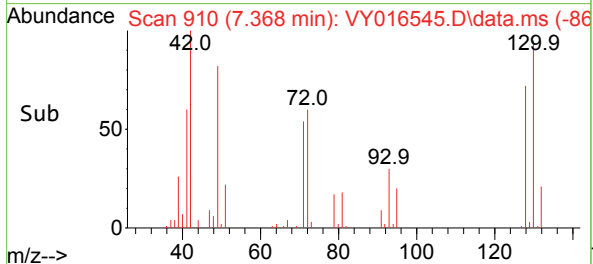
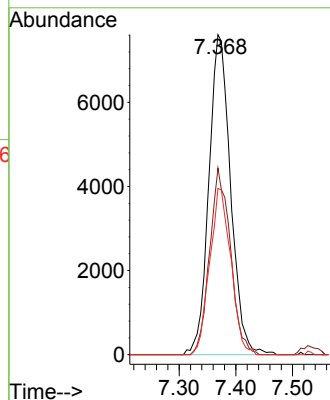
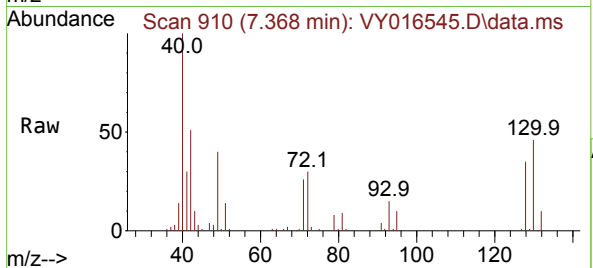
Tgt Ion: 42 Resp: 20243

Ion Ratio Lower Upper

42 100

72 55.8 32.8 49.2#

71 50.8 31.0 46.4#



#30

Chloroform

Concen: 20.775 ug/l

RT: 7.533 min Scan# 937

Delta R.T. -0.006 min

Lab File: VY016545.D

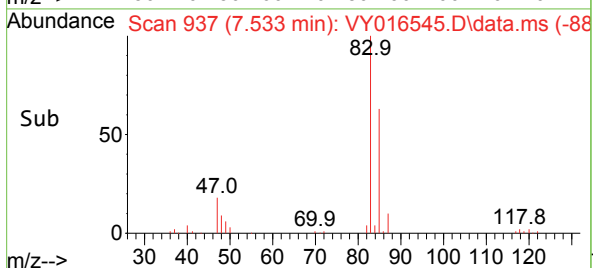
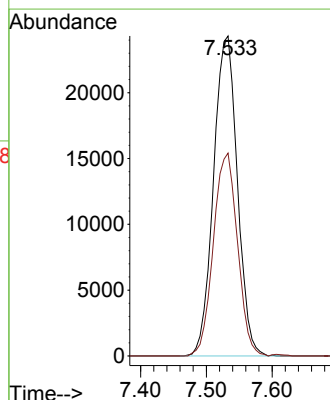
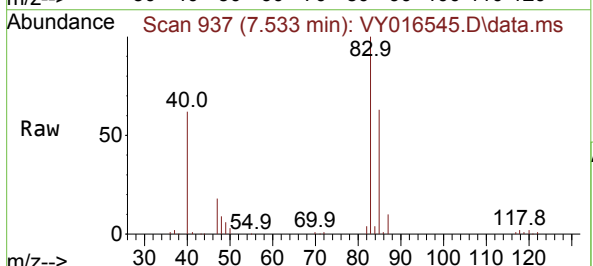
Acq: 30 Nov 2023 10:21

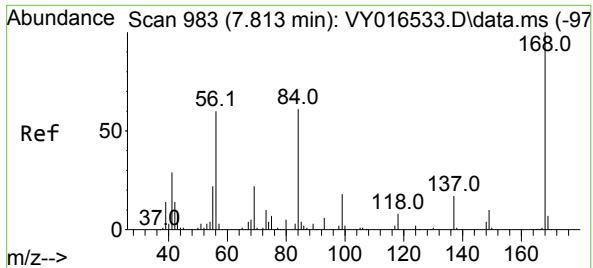
Tgt Ion: 83 Resp: 61259

Ion Ratio Lower Upper

83 100

85 63.4 49.7 74.5

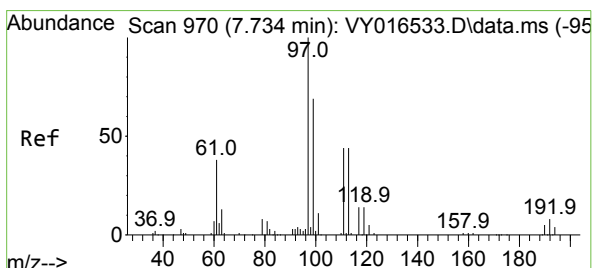
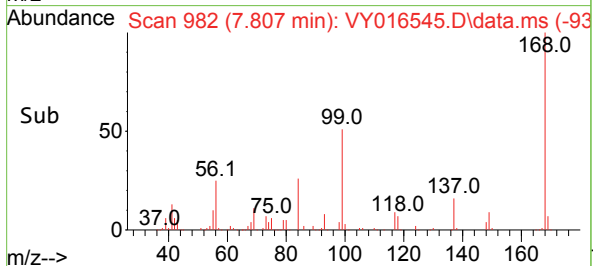
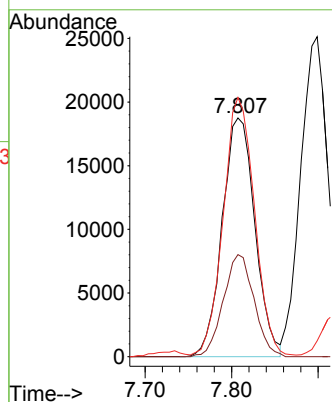
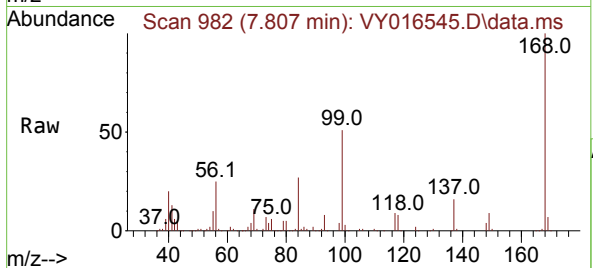




#31
Cyclohexane
Concen: 20.576 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

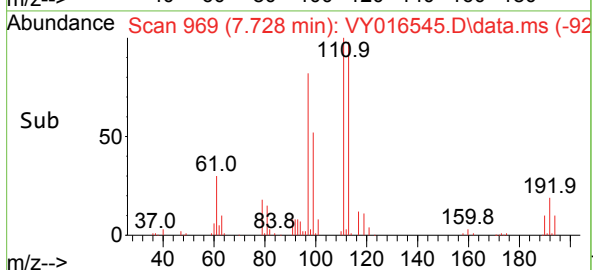
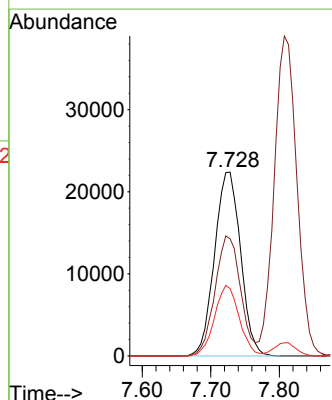
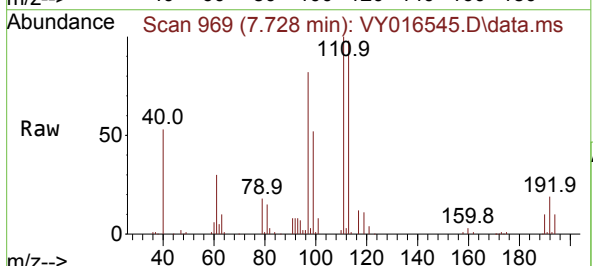
Instrument :
MSVOA_Y
ClientSampleId :

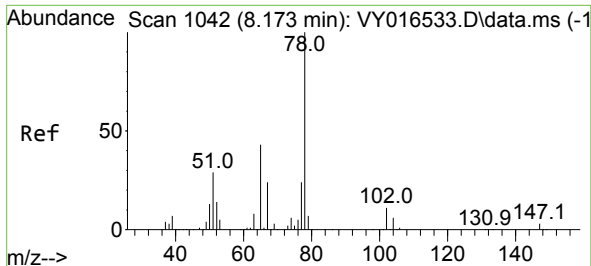
Tgt Ion: 56 Resp: 49270
Ion Ratio Lower Upper
56 100
69 42.8 27.8 41.6#
84 107.0 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 20.644 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion: 97 Resp: 58988
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 36.6 35.1 52.7

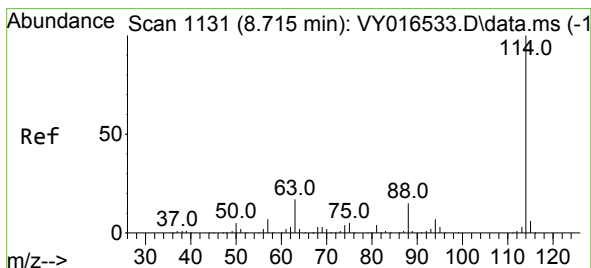
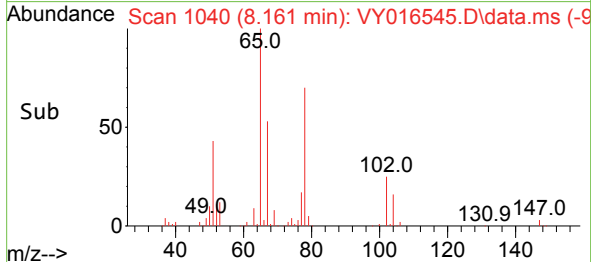
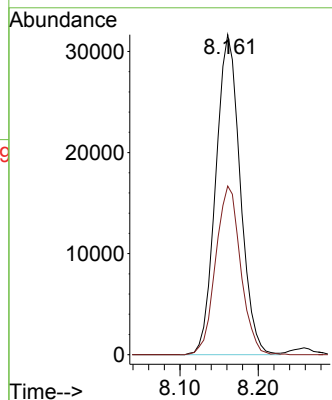
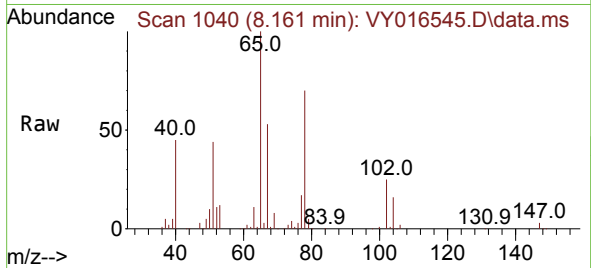




#33
 1,2-Dichloroethane-d4
 Concen: 50.416 ug/l
 RT: 8.161 min Scan# 110
 Delta R.T. -0.012 min
 Lab File: VY016545.D
 Acq: 30 Nov 2023 10:21

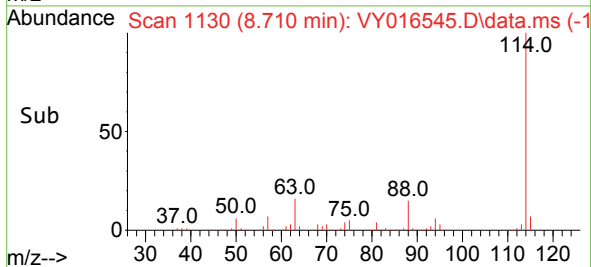
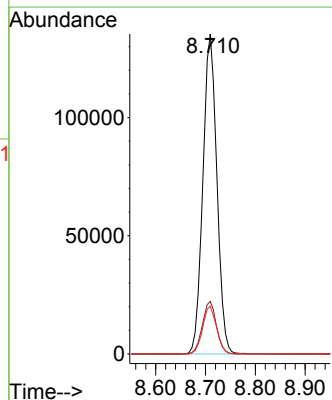
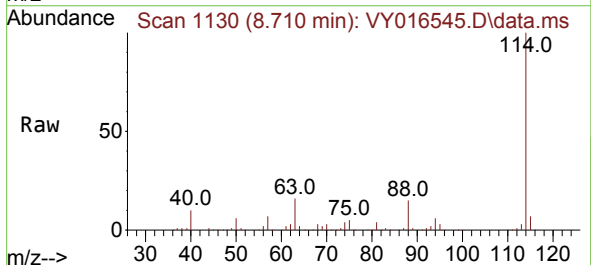
Instrument :
 MSVOA_Y
 ClientSampleId :

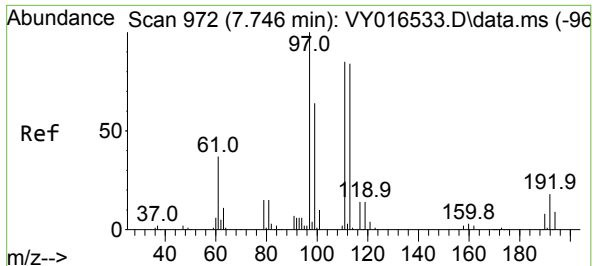
Tgt Ion: 65 Resp: 68764
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY016545.D
 Acq: 30 Nov 2023 10:21

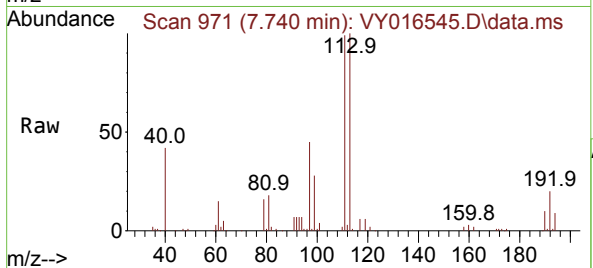
Tgt Ion: 114 Resp: 263605
 Ion Ratio Lower Upper
 114 100
 63 16.4 0.0 42.4
 88 14.9 0.0 30.6



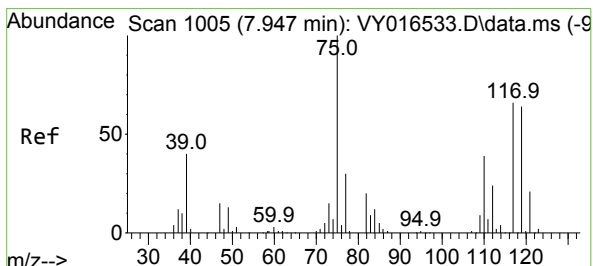
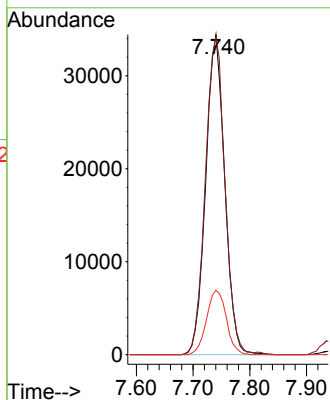
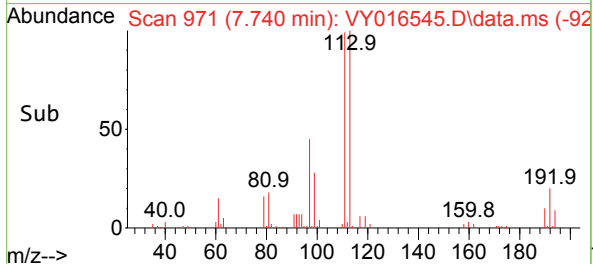


#35
Dibromofluoromethane
Concen: 51.742 ug/l
RT: 7.740 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

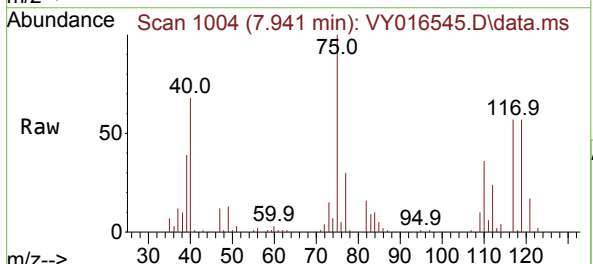
Instrument :
MSVOA_Y
ClientSampleId :



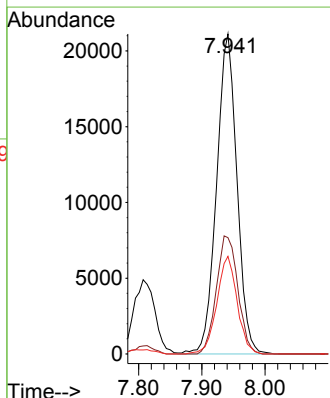
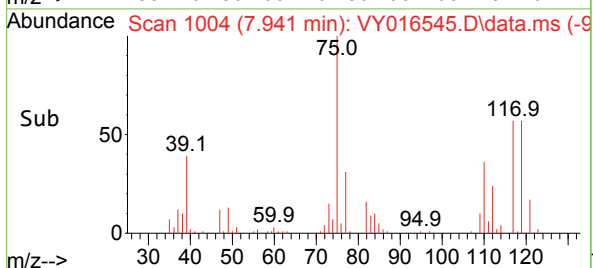
Tgt Ion:113 Resp: 80051
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 21.0 16.9 25.3

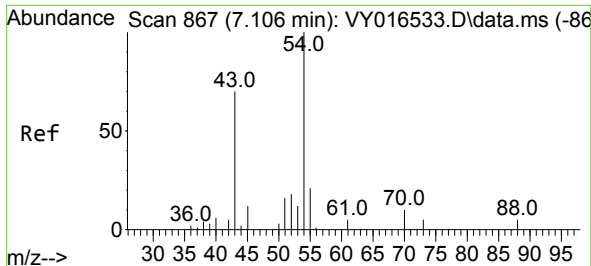


#36
1,1-Dichloropropene
Concen: 20.641 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21



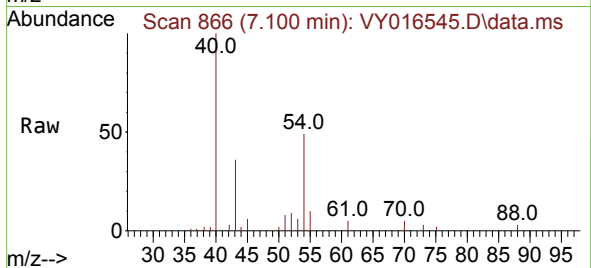
Tgt Ion: 75 Resp: 47158
Ion Ratio Lower Upper
75 100
110 39.0 17.8 53.5
77 30.4 24.4 36.6



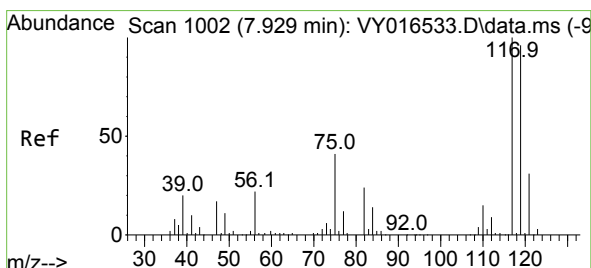
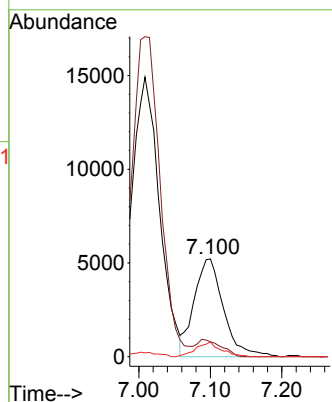
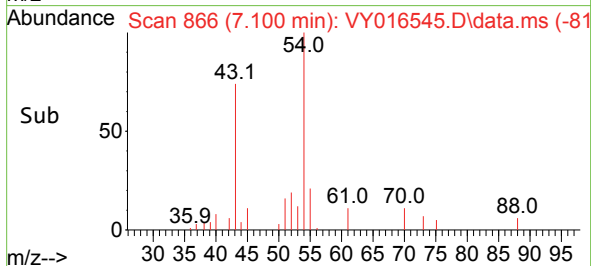


#37
Ethyl Acetate
Concen: 20.771 ug/l
RT: 7.100 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :

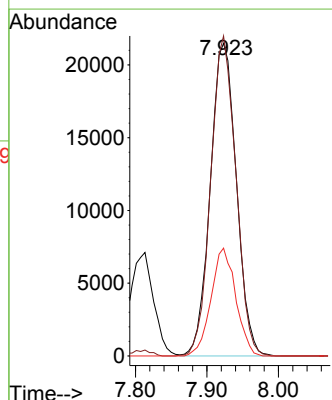
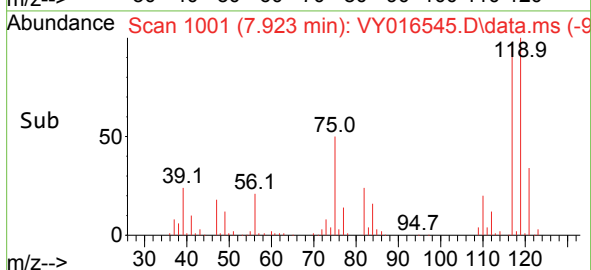
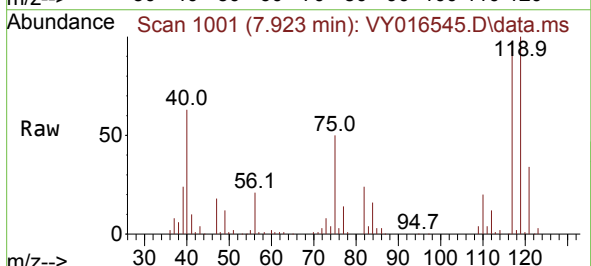


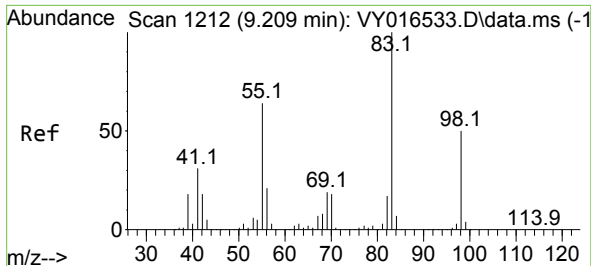
Tgt Ion: 43 Resp: 14873
Ion Ratio Lower Upper
43 100
61 15.5 10.1 15.1#
70 12.7 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.323 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion: 117 Resp: 54496
Ion Ratio Lower Upper
117 100
119 102.3 76.4 114.6
121 34.5 25.8 38.6





#39

Methylcyclohexane

Concen: 20.307 ug/l

RT: 9.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

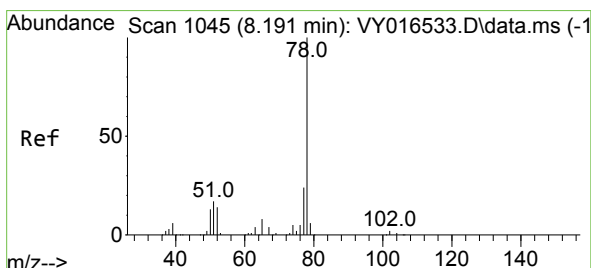
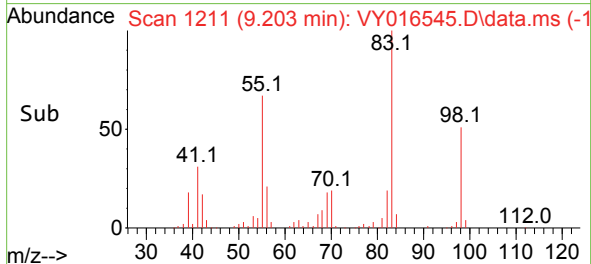
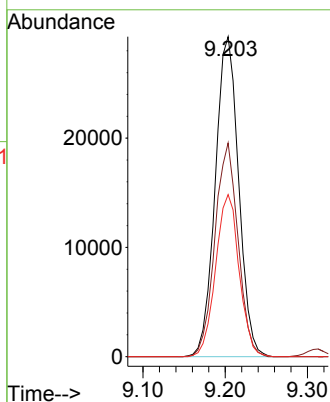
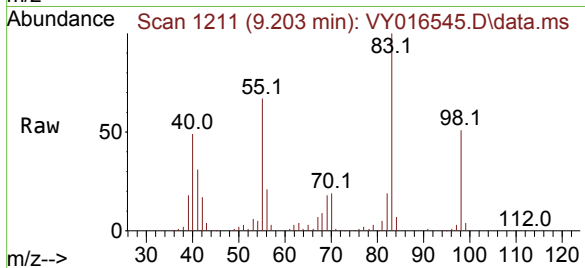
Tgt Ion: 83 Resp: 57867

Ion Ratio Lower Upper

83 100

55 66.8 63.0 94.4

98 50.6 37.4 56.2



#40

Benzene

Concen: 20.549 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. -0.012 min

Lab File: VY016545.D

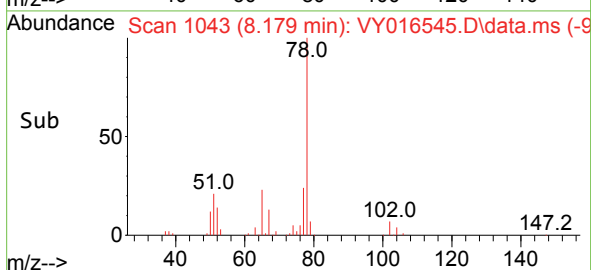
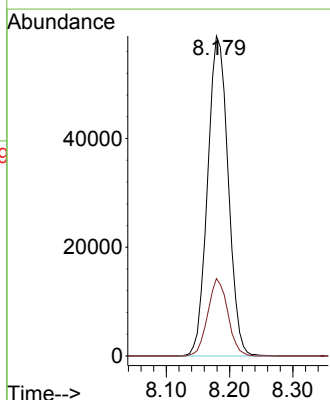
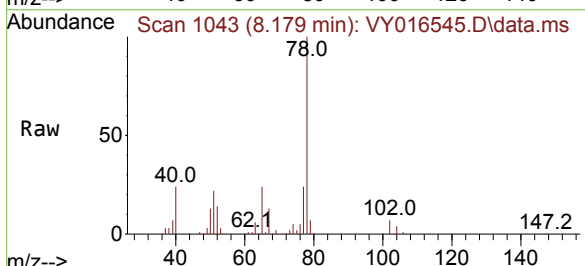
Acq: 30 Nov 2023 10:21

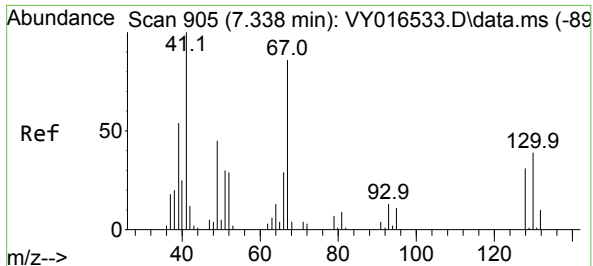
Tgt Ion: 78 Resp: 133112

Ion Ratio Lower Upper

78 100

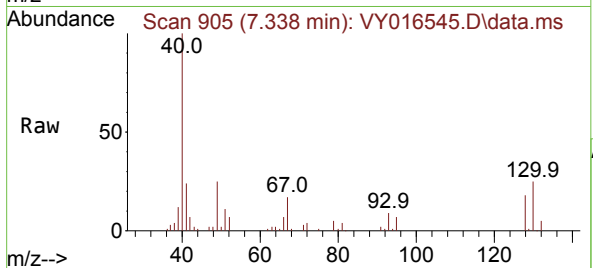
77 24.2 19.0 28.6



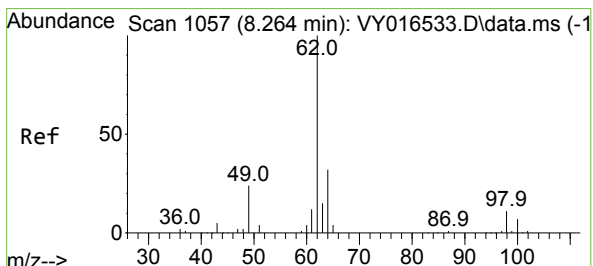
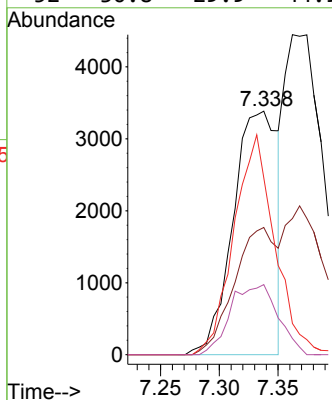
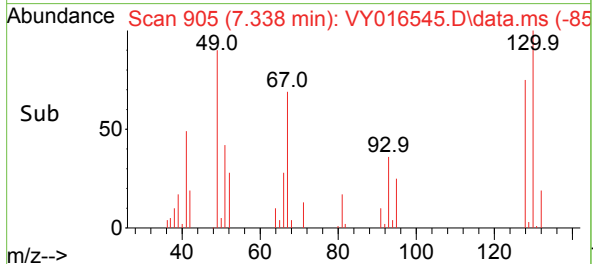


#41
Methacrylonitrile
Concen: 23.531 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

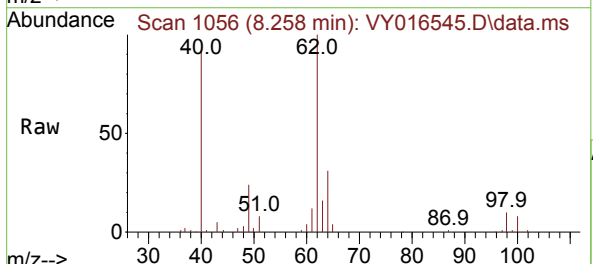
Instrument :
MSVOA_Y
ClientSampleId :



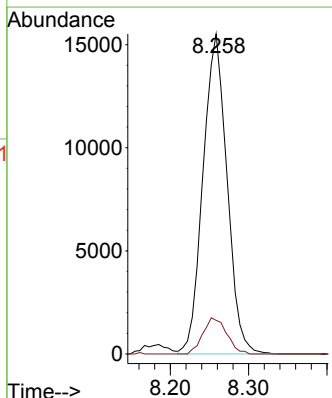
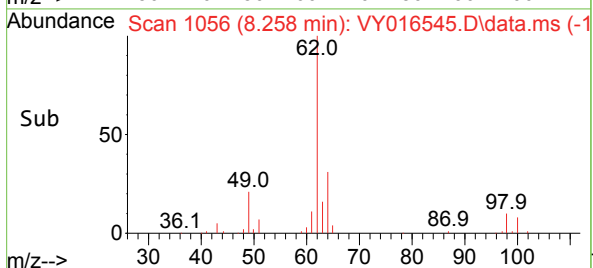
Tgt Ion: 41 Resp: 8876
Ion Ratio Lower Upper
41 100
39 50.5 52.1 78.1#
67 83.4 66.2 99.2
52 30.8 29.9 44.9

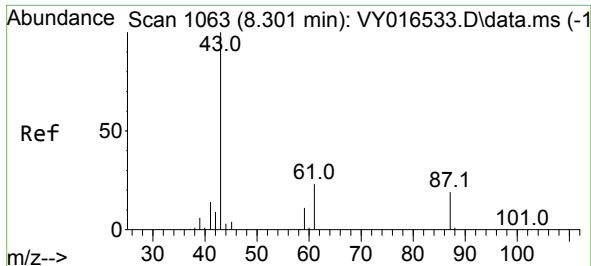


#42
1,2-Dichloroethane
Concen: 20.604 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21



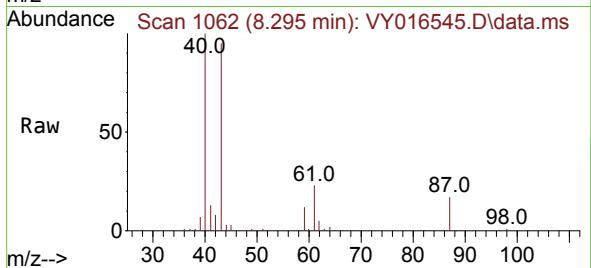
Tgt Ion: 62 Resp: 33075
Ion Ratio Lower Upper
62 100
98 11.2 0.0 15.8



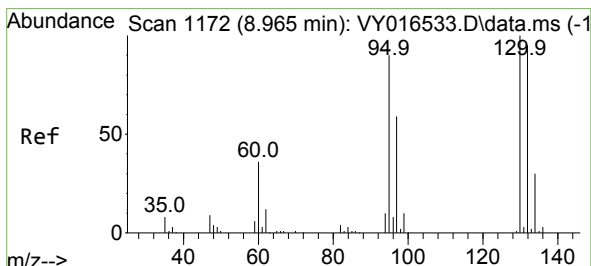
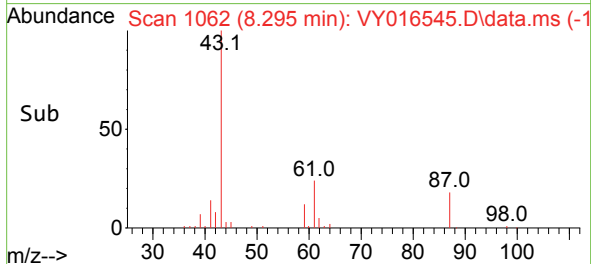
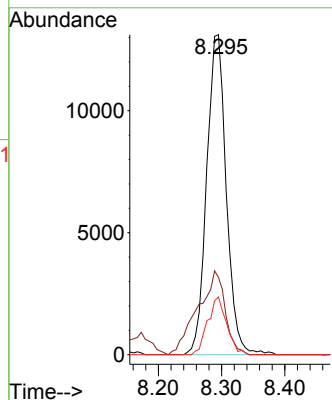


#43
Isopropyl Acetate
Concen: 20.147 ug/l
RT: 8.295 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Instrument :
MSVOA_Y
ClientSampleId :

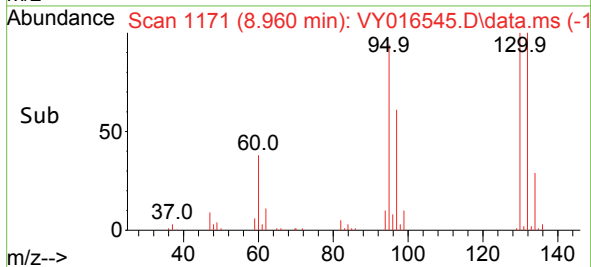
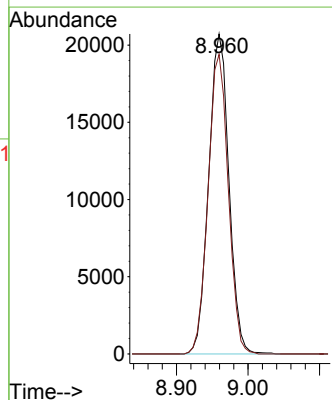
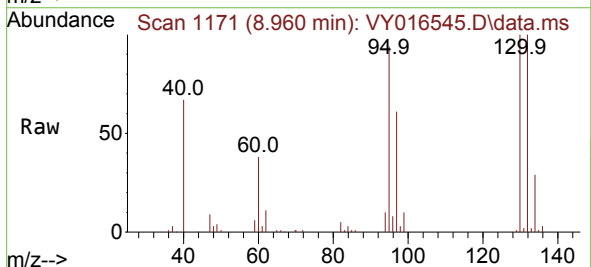


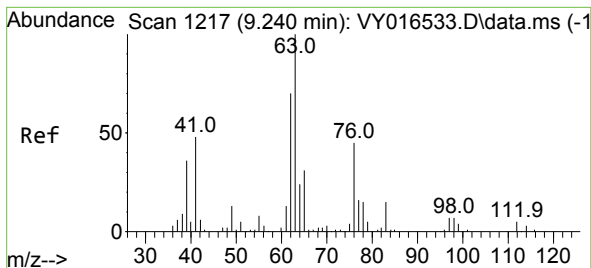
Tgt Ion: 43 Resp: 28369
Ion Ratio Lower Upper
43 100
61 36.4 21.1 31.7#
87 17.4 9.8 14.8#



#44
Trichloroethene
Concen: 20.423 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion:130 Resp: 40749
Ion Ratio Lower Upper
130 100
95 93.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.634 ug/l

RT: 9.234 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

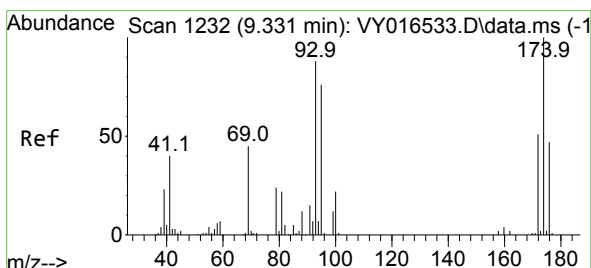
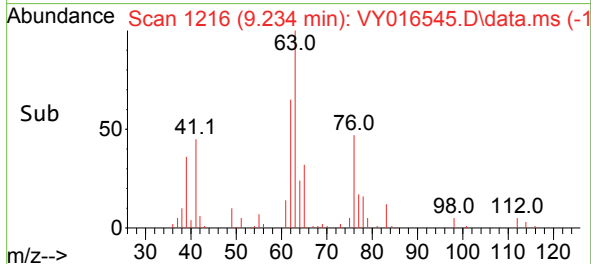
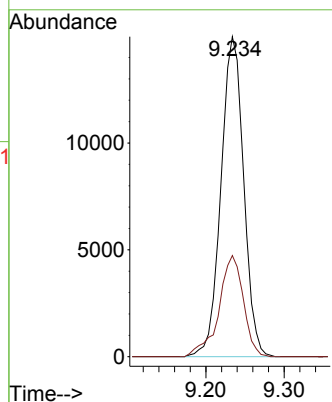
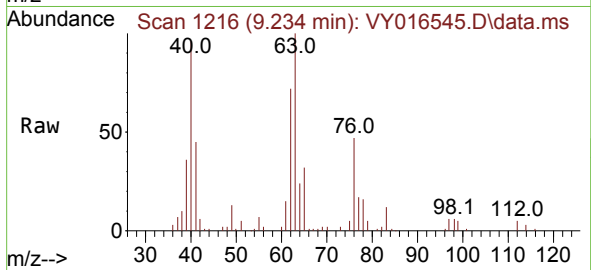
ClientSampleId :

Tgt Ion: 63 Resp: 30160

Ion Ratio Lower Upper

63 100

65 31.6 23.8 35.6



#46

Dibromomethane

Concen: 20.546 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. -0.012 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

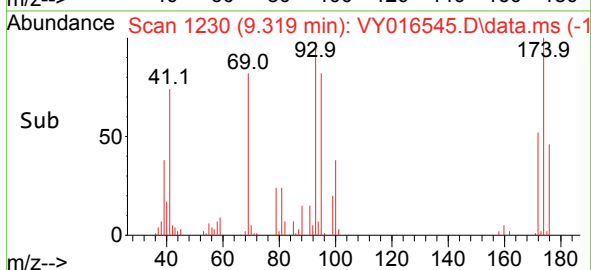
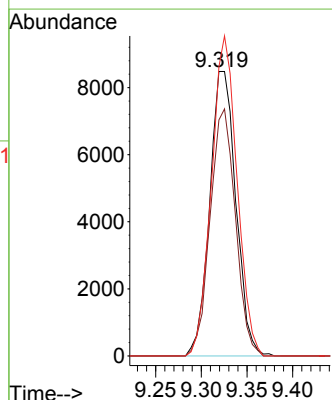
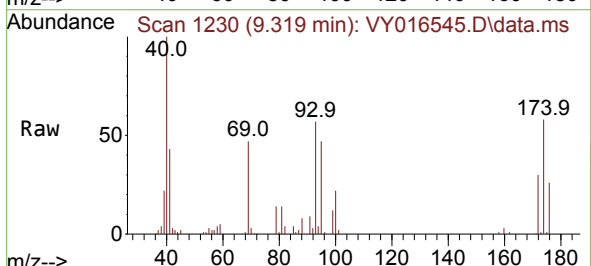
Tgt Ion: 93 Resp: 16887

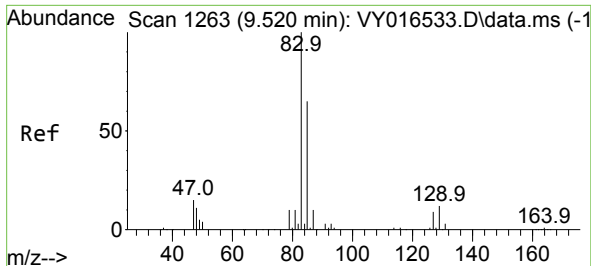
Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

174 109.8 84.8 127.2

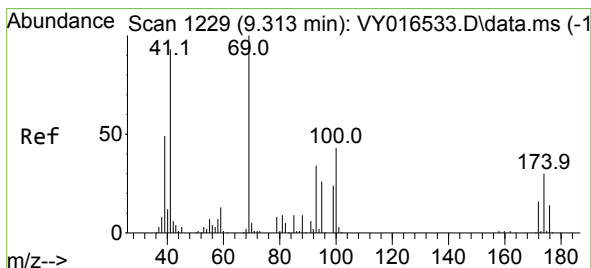
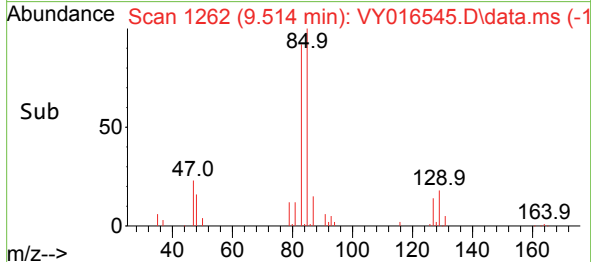
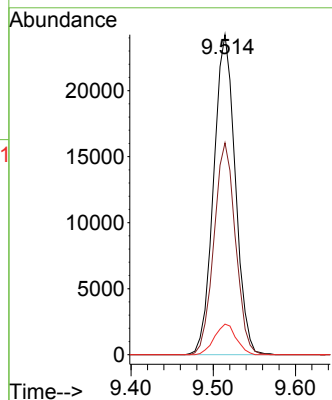
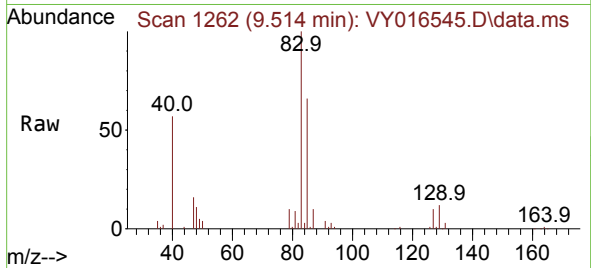




#47
Bromodichloromethane
Concen: 20.426 ug/l
RT: 9.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

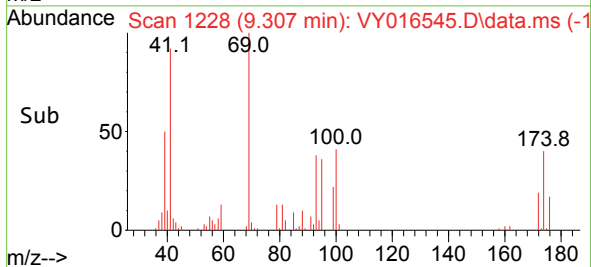
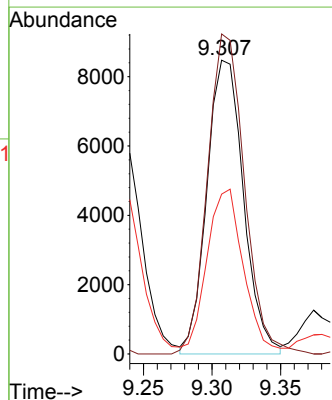
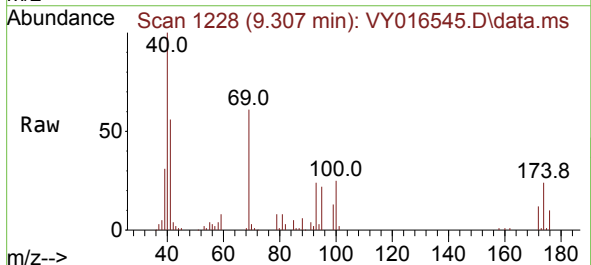
Instrument :
MSVOA_Y
ClientSampleId :

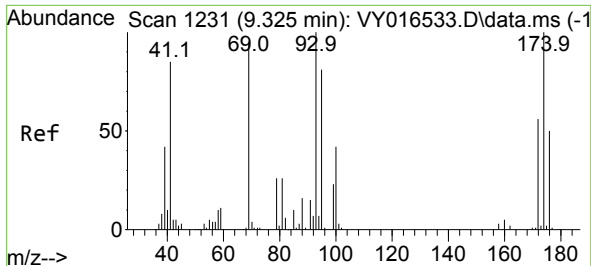
Tgt Ion: 83 Resp: 44325
Ion Ratio Lower Upper
83 100
85 66.2 50.1 75.1
127 9.6 7.1 10.7



#48
Methyl methacrylate
Concen: 19.902 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion: 41 Resp: 15733
Ion Ratio Lower Upper
41 100
69 110.2 64.5 96.7#
39 52.7 50.8 76.2





#49

1,4-Dioxane

Concen: 401.014 ug/l

RT: 9.319 min Scan# 11

Delta R.T. -0.006 min

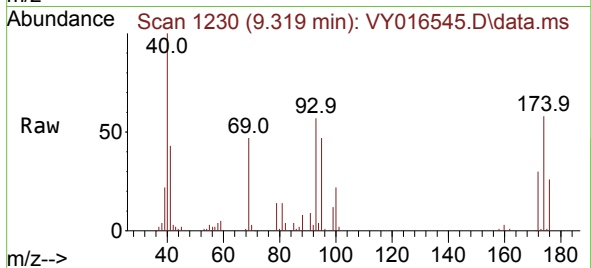
Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :



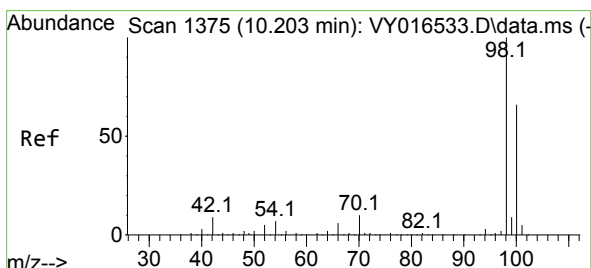
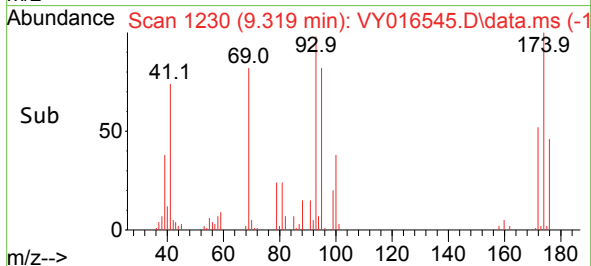
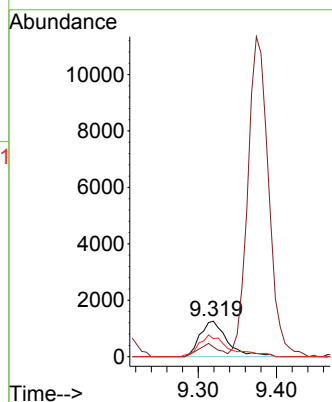
Tgt Ion: 88 Resp: 3055

Ion Ratio Lower Upper

88 100

43 26.7 0.0 0.0#

58 66.9 30.9 46.3#



#50

Toluene-d8

Concen: 51.856 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. -0.006 min

Lab File: VY016545.D

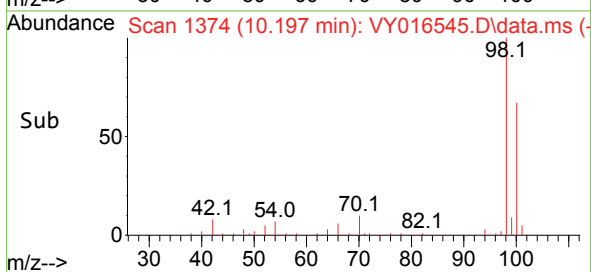
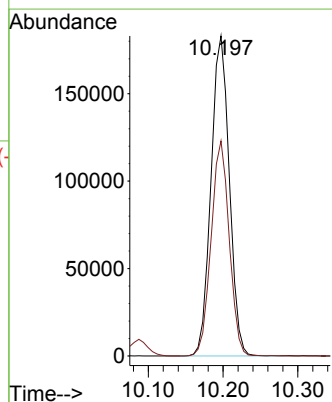
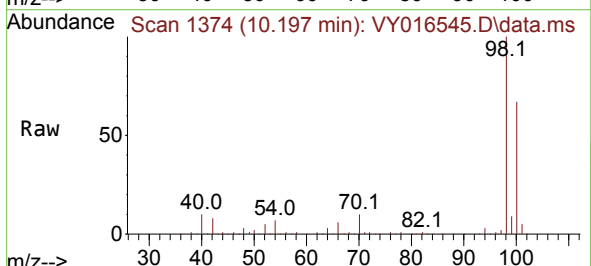
Acq: 30 Nov 2023 10:21

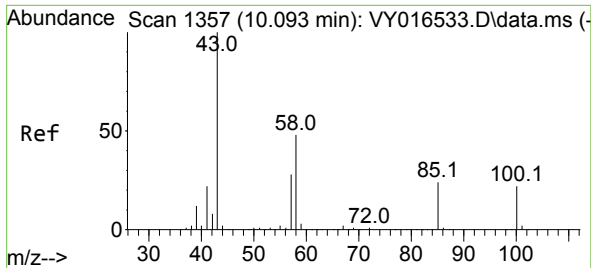
Tgt Ion: 98 Resp: 311165

Ion Ratio Lower Upper

98 100

100 66.4 50.1 75.1

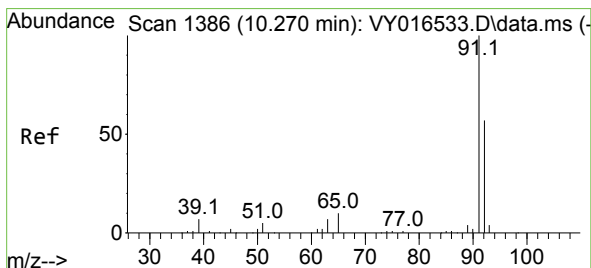
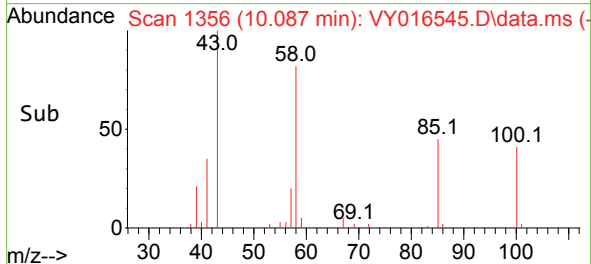
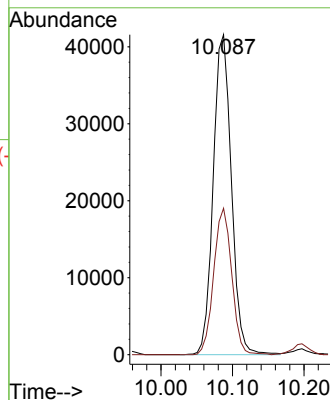
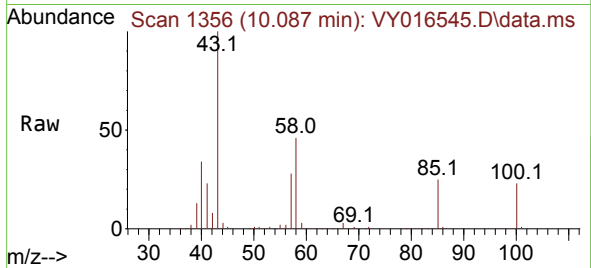




#51
4-Methyl-2-Pentanone
Concen: 99.770 ug/l
RT: 10.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

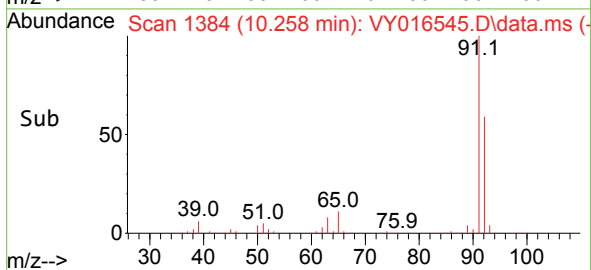
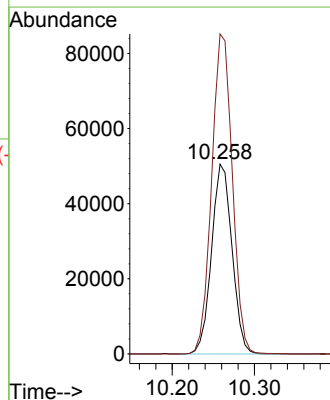
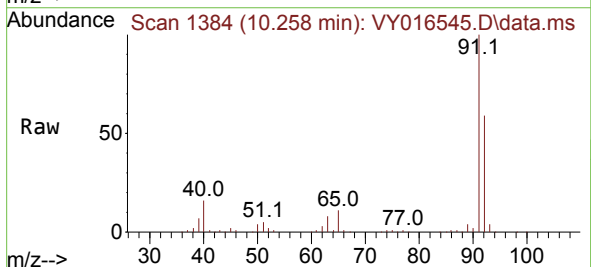
Instrument :
MSVOA_Y
ClientSampleId :

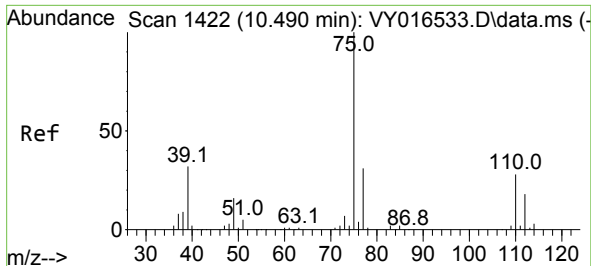
Tgt Ion: 43 Resp: 73287
Ion Ratio Lower Upper
43 100
58 45.5 29.0 43.6#



#52
Toluene
Concen: 21.001 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.012 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion: 92 Resp: 87391
Ion Ratio Lower Upper
92 100
91 170.3 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 20.314 ug/l

RT: 10.478 min Scan# 1422

Delta R.T. -0.012 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

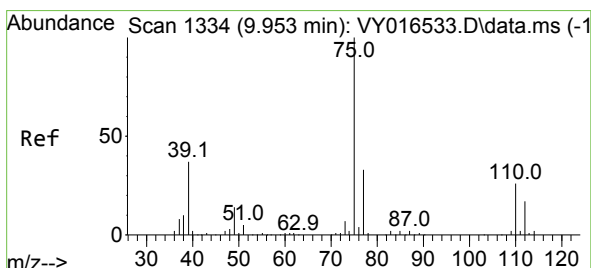
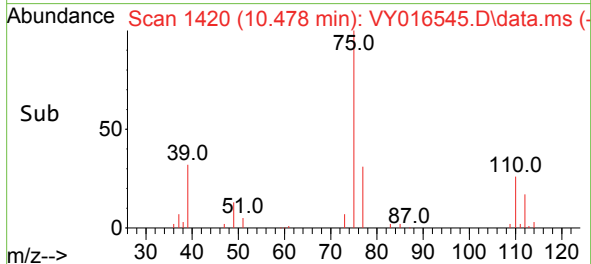
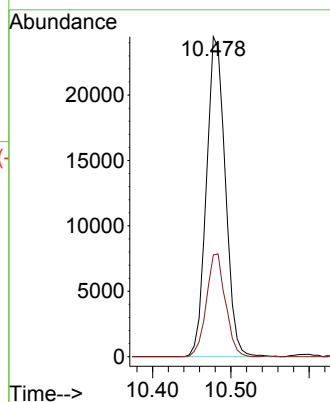
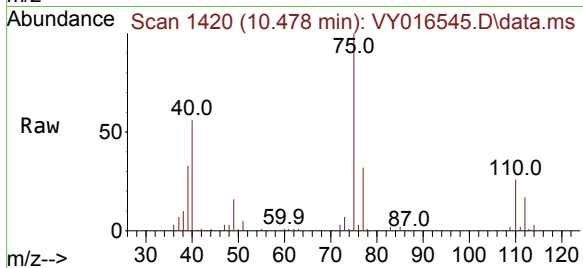
ClientSampleId :

Tgt Ion: 75 Resp: 40848

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 20.757 ug/l

RT: 9.947 min Scan# 1333

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

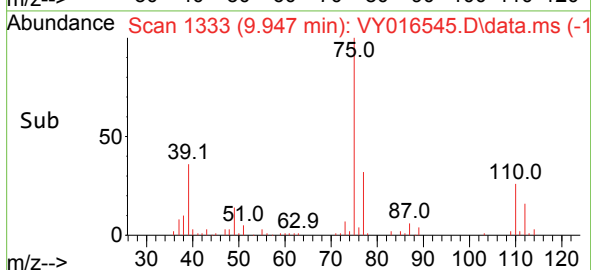
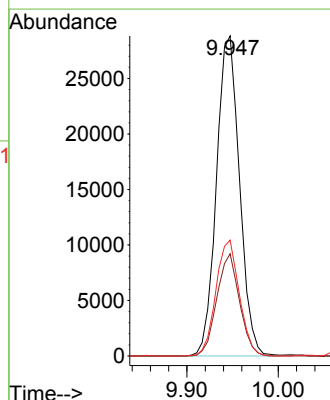
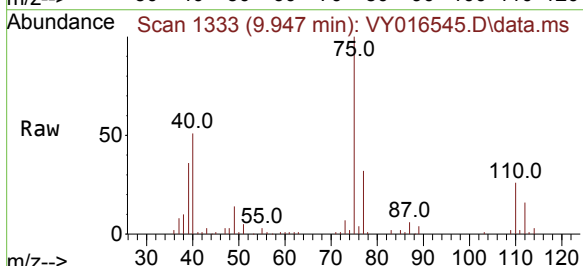
Tgt Ion: 75 Resp: 50579

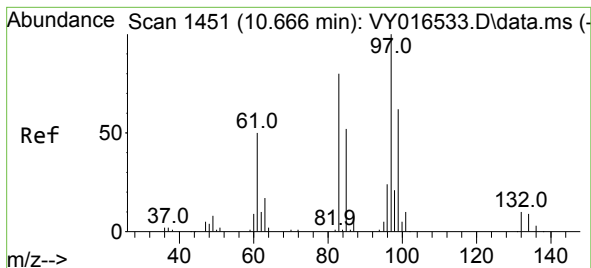
Ion Ratio Lower Upper

75 100

77 32.0 24.2 36.4

39 36.2 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 20.599 ug/l

RT: 10.660 min Scan# 1451

Delta R.T. -0.006 min

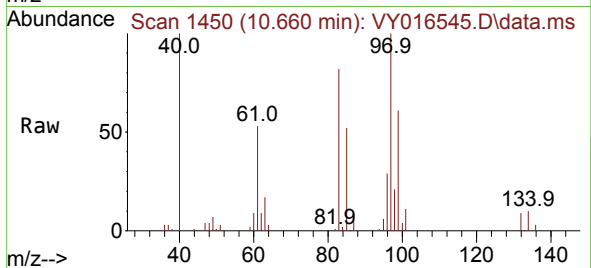
Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 24430

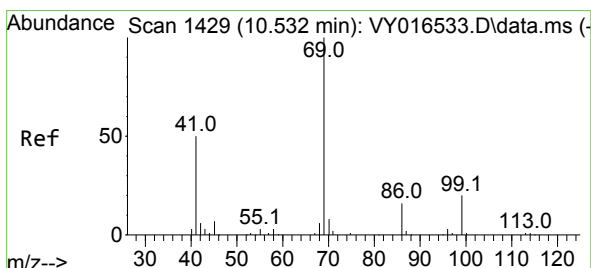
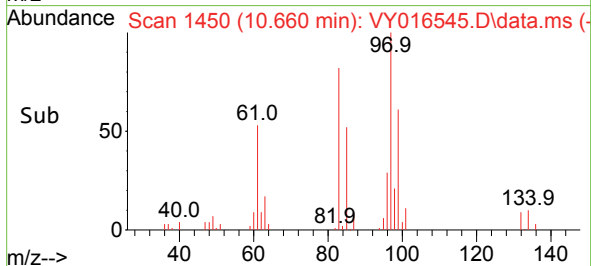
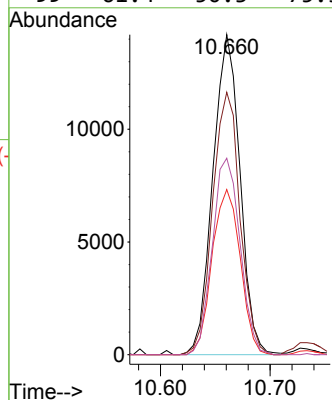
Ion Ratio Lower Upper

97 100

83 82.0 72.0 108.0

85 51.6 45.4 68.0

99 61.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.500 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

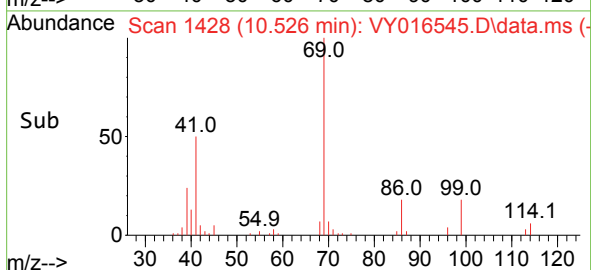
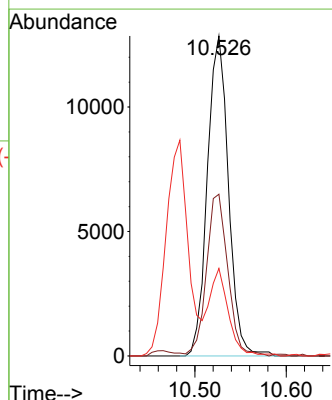
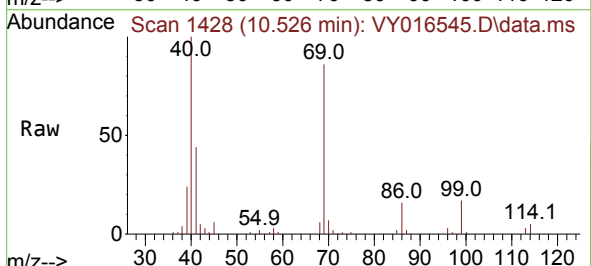
Tgt Ion: 69 Resp: 20575

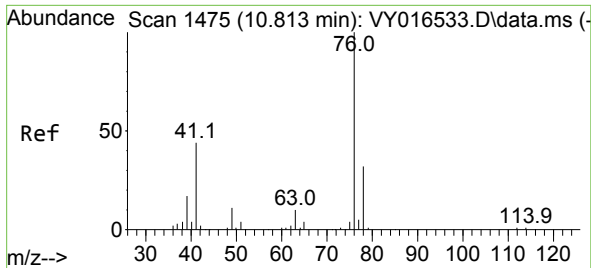
Ion Ratio Lower Upper

69 100

41 51.3 57.6 86.4#

39 24.7 34.1 51.1#

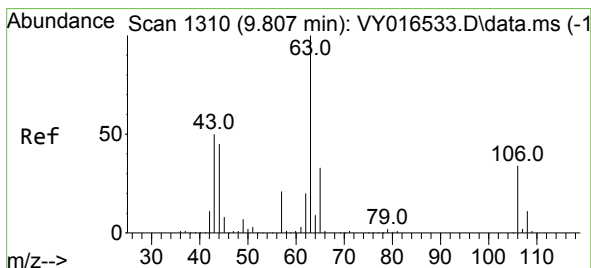
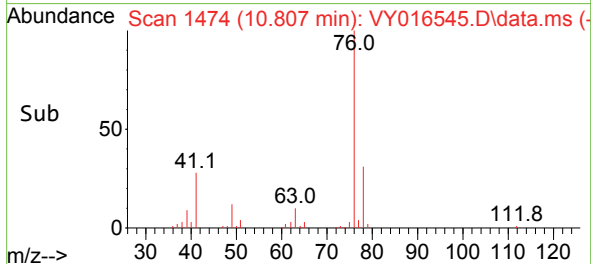
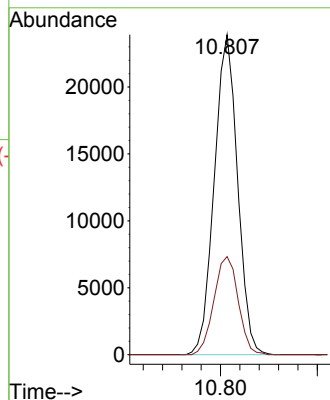
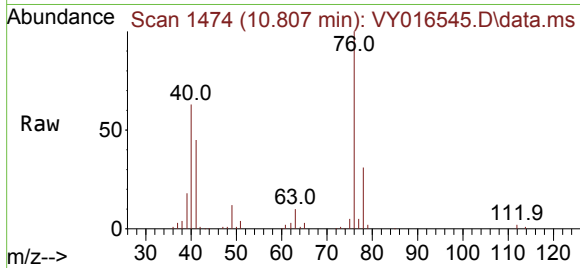




#57
1,3-Dichloropropane
Concen: 20.854 ug/l
RT: 10.807 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

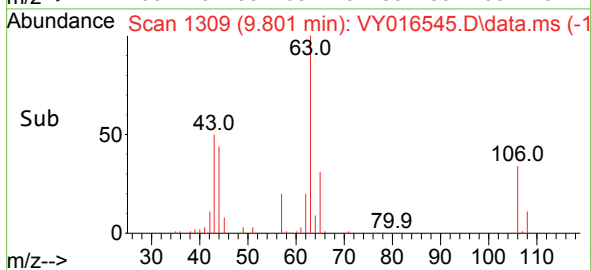
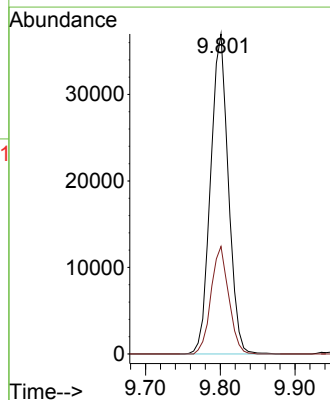
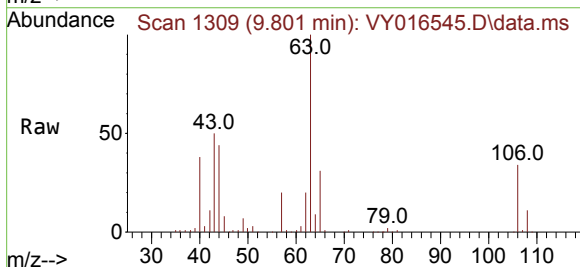
Instrument :
MSVOA_Y
ClientSampleId :

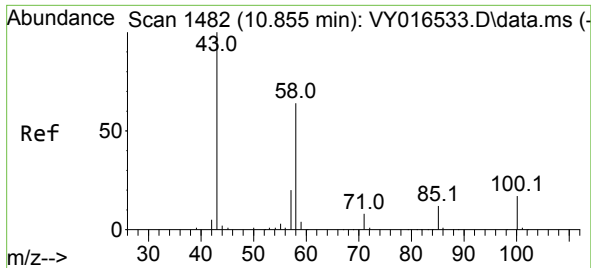
Tgt Ion: 76 Resp: 39838
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 98.514 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion: 63 Resp: 61142
Ion Ratio Lower Upper
63 100
106 33.4 21.2 31.8#

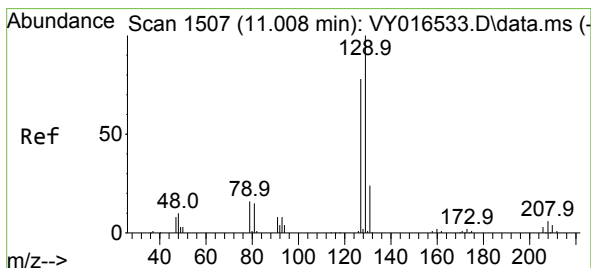
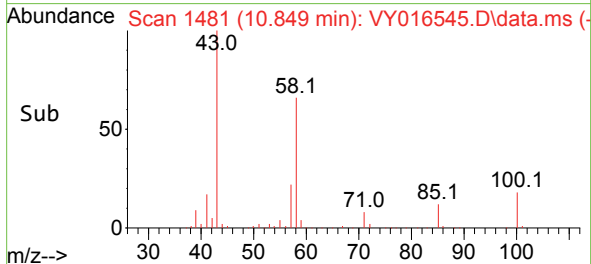
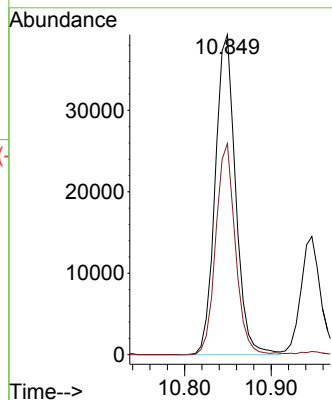
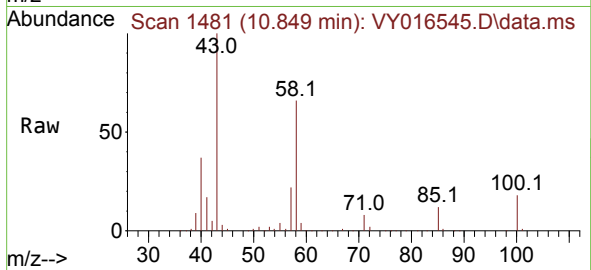




#59
2-Hexanone
Concen: 110.667 ug/l
RT: 10.849 min Scan# 1481
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

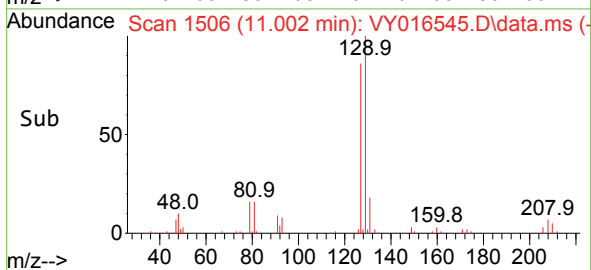
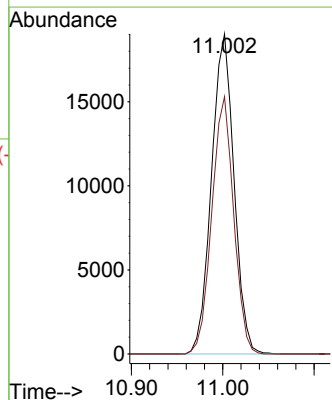
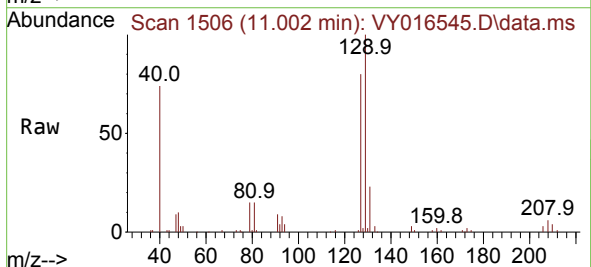
Instrument :
MSVOA_Y
ClientSampleId :

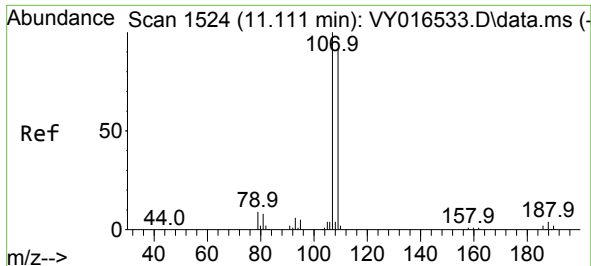
Tgt Ion: 43 Resp: 64212
Ion Ratio Lower Upper
43 100
58 63.5 25.1 75.3



#60
Dibromochloromethane
Concen: 21.014 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

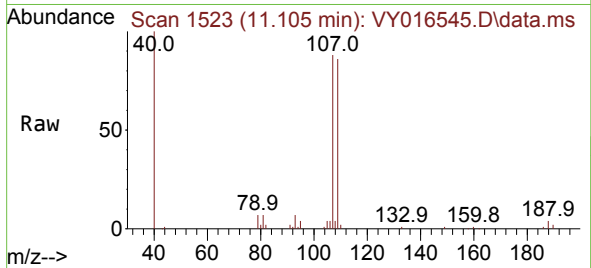
Tgt Ion:129 Resp: 32576
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5



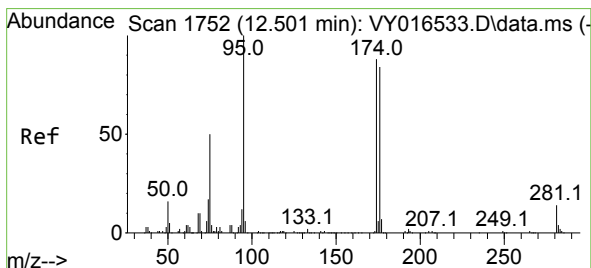
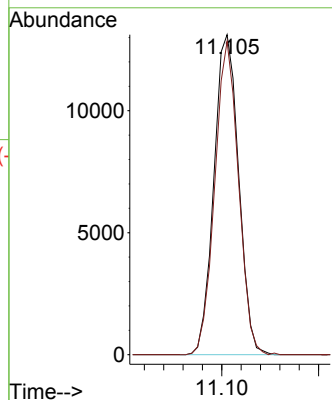
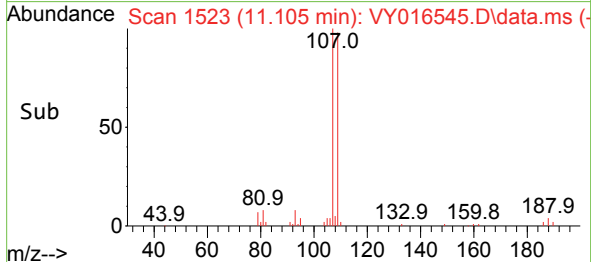


#61
1,2-Dibromoethane
Concen: 20.773 ug/l
RT: 11.105 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

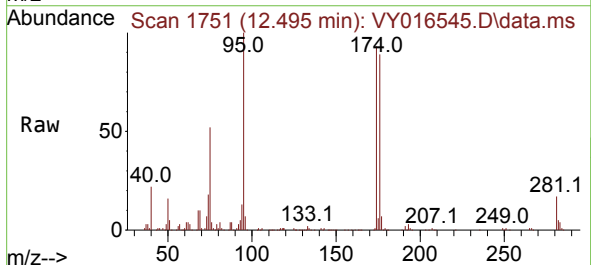
Instrument :
MSVOA_Y
ClientSampleId :



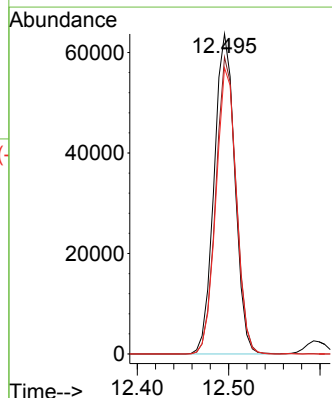
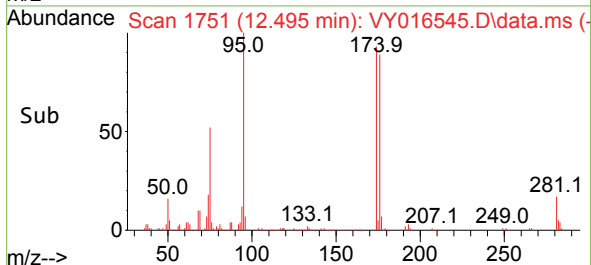
Tgt Ion:107 Resp: 23266
Ion Ratio Lower Upper
107 100
109 93.7 75.6 113.4

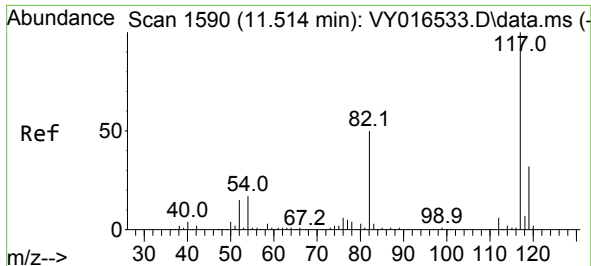


#62
4-Bromofluorobenzene
Concen: 53.329 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21



Tgt Ion: 95 Resp: 100387
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 87.9 0.0 173.8

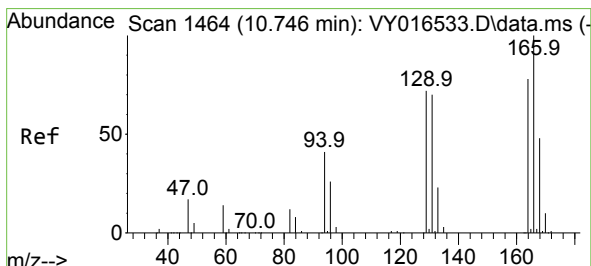
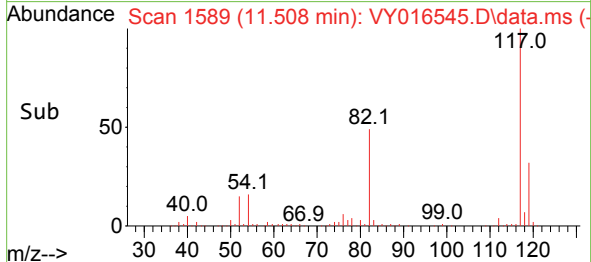
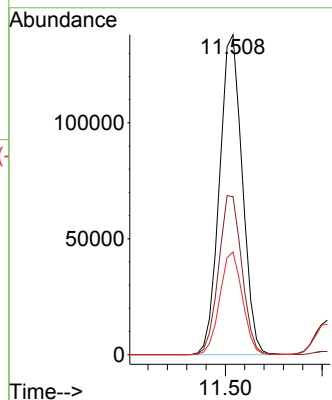
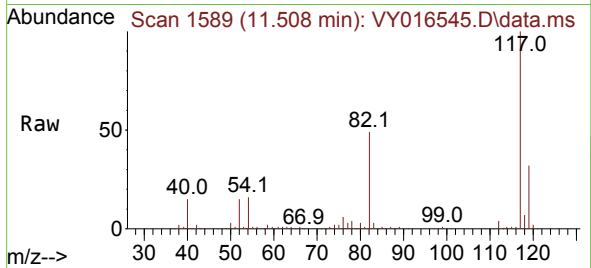




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

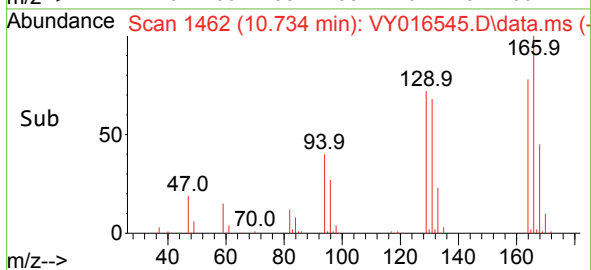
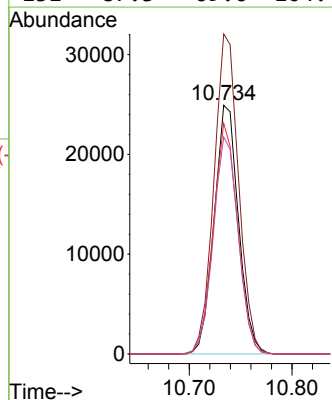
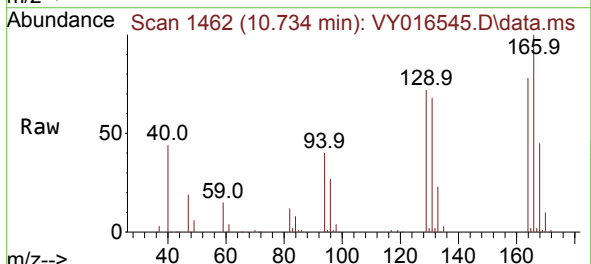
Instrument :
MSVOA_Y
ClientSampleId :

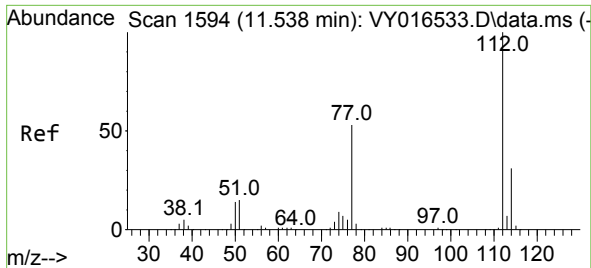
Tgt Ion:117 Resp: 225663
Ion Ratio Lower Upper
117 100
82 49.4 43.4 65.0
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 20.448 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. -0.012 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion:164 Resp: 41065
Ion Ratio Lower Upper
164 100
166 128.7 103.0 154.6
129 92.7 77.2 115.8
131 87.3 69.6 104.4

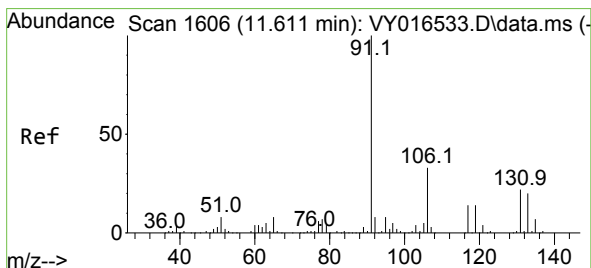
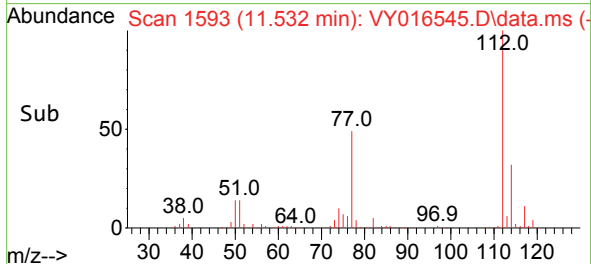
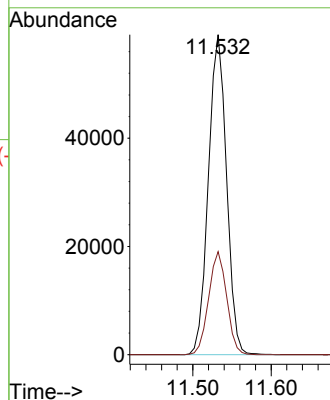
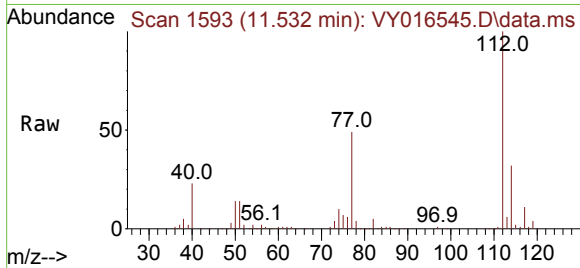




#65
Chlorobenzene
Concen: 21.025 ug/l
RT: 11.532 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

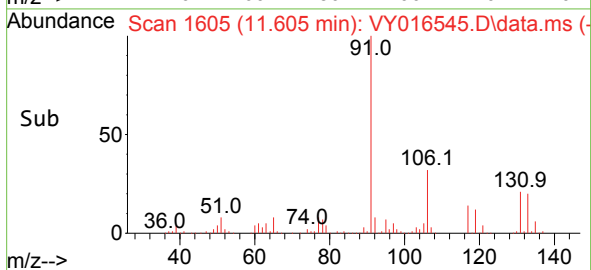
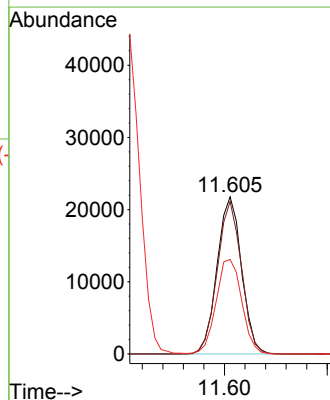
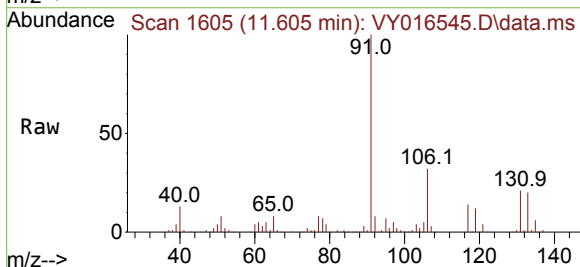
Instrument :
MSVOA_Y
ClientSampleId :

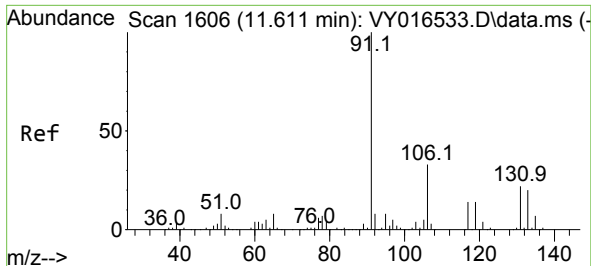
Tgt Ion:112 Resp: 95015
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.655 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion:131 Resp: 35784
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.6
119 63.3 31.6 94.7





#67

Ethyl Benzene

Concen: 21.029 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

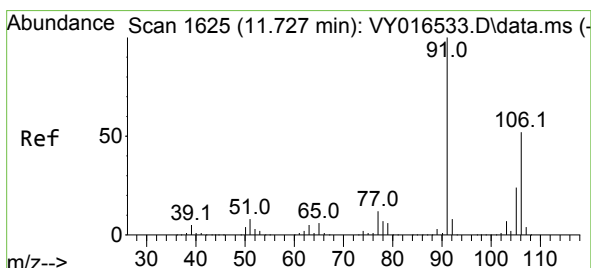
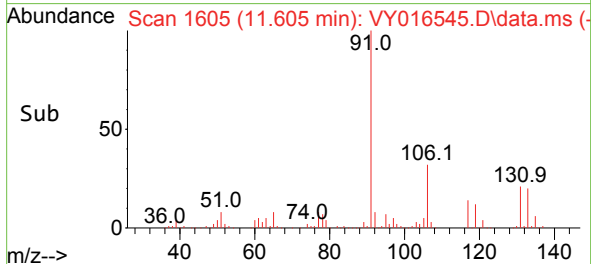
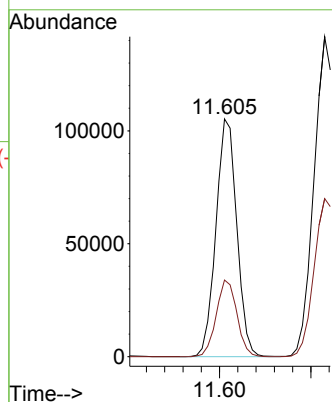
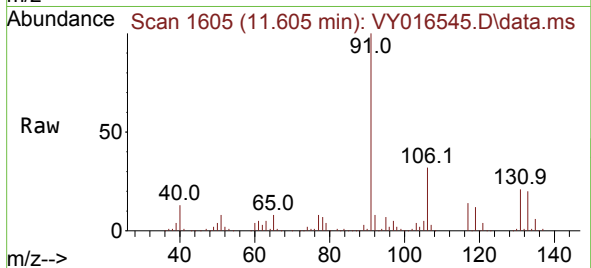
ClientSampleId :

Tgt Ion: 91 Resp: 166821

Ion Ratio Lower Upper

91 100

106 32.3 24.6 36.8



#68

m/p-Xylenes

Concen: 42.225 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.012 min

Lab File: VY016545.D

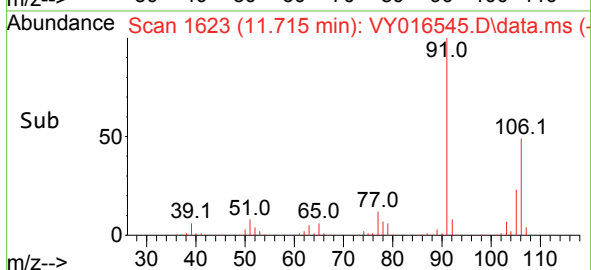
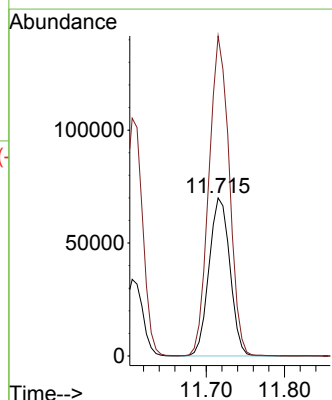
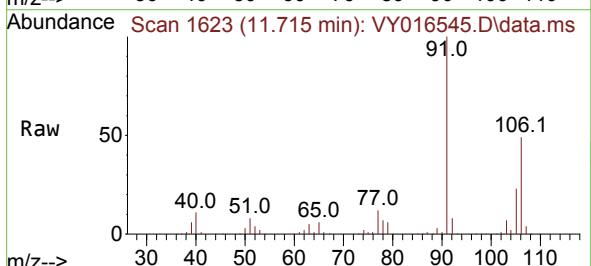
Acq: 30 Nov 2023 10:21

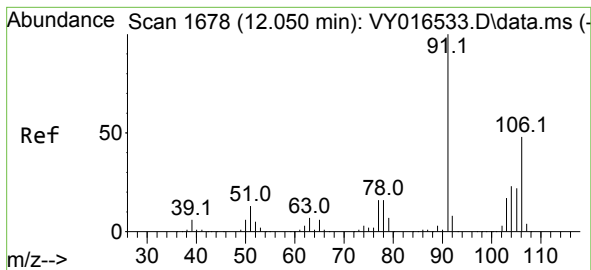
Tgt Ion:106 Resp: 129636

Ion Ratio Lower Upper

106 100

91 197.4 166.1 249.1





#69

o-Xylene

Concen: 21.281 ug/l

RT: 12.044 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

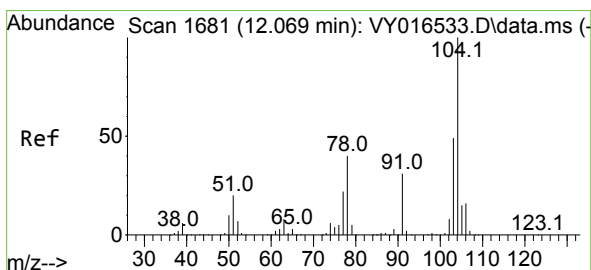
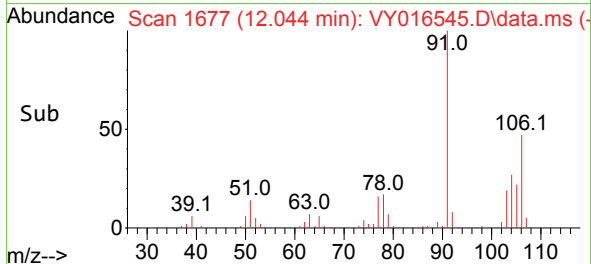
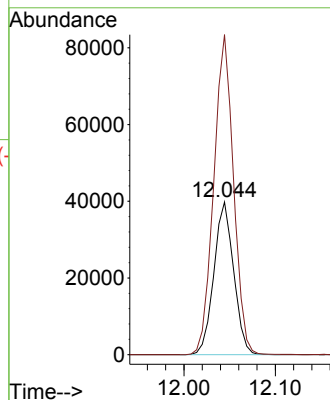
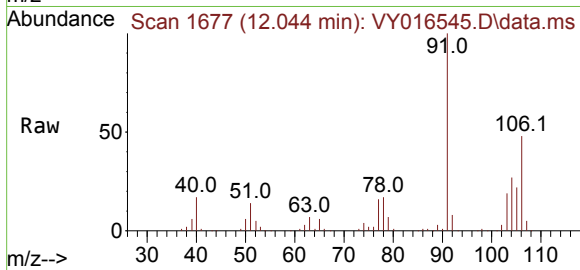
ClientSampleId :

Tgt Ion:106 Resp: 59982

Ion Ratio Lower Upper

106 100

91 209.7 108.1 324.3



#70

Styrene

Concen: 21.631 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. -0.012 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

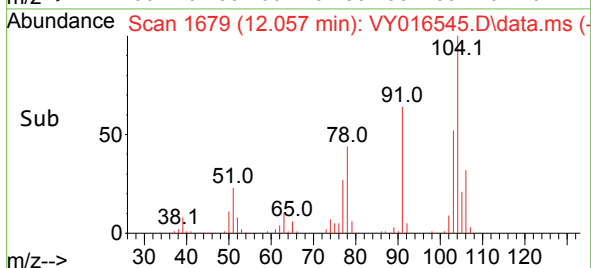
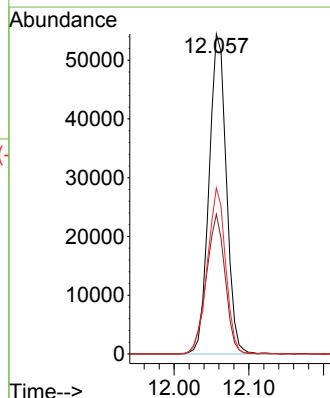
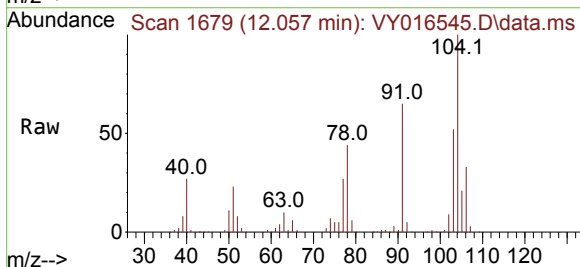
Tgt Ion:104 Resp: 87724

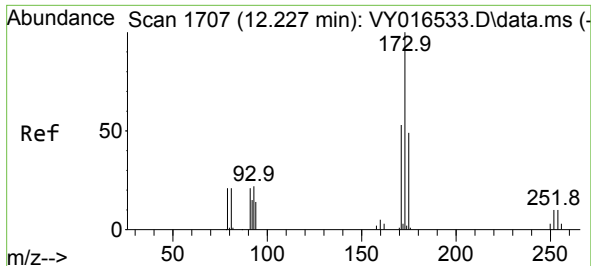
Ion Ratio Lower Upper

104 100

78 47.3 41.5 62.3

103 54.9 44.6 67.0

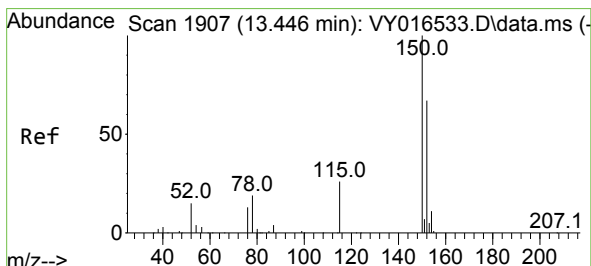
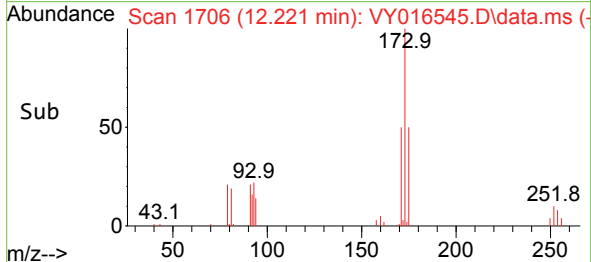
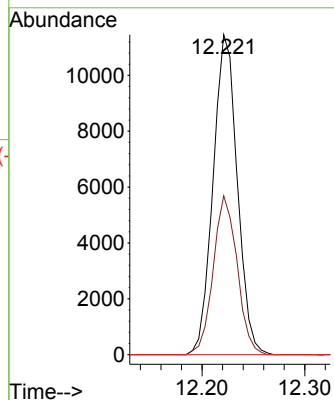
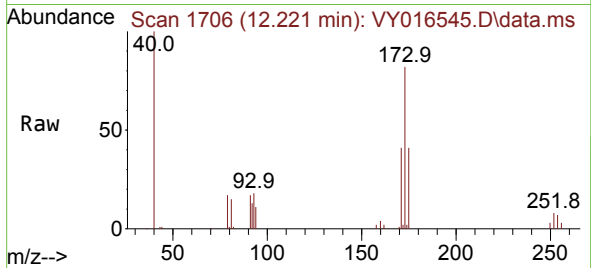




#71
Bromoform
Concen: 20.949 ug/l
RT: 12.221 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

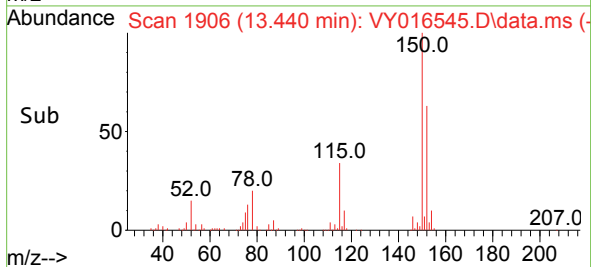
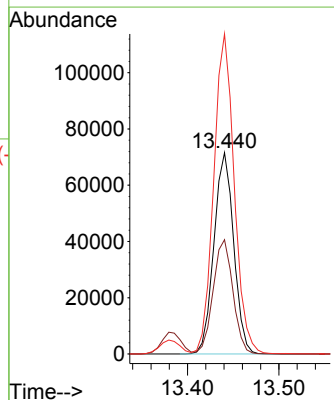
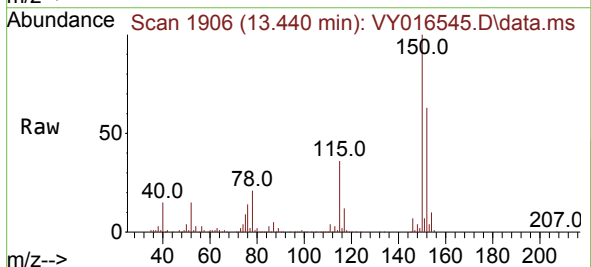
Instrument :
MSVOA_Y
ClientSampleId :

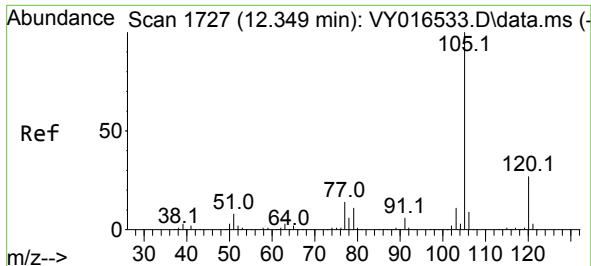
Tgt Ion:173 Resp: 18746
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion:152 Resp: 107351
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 165.2 0.0 348.8

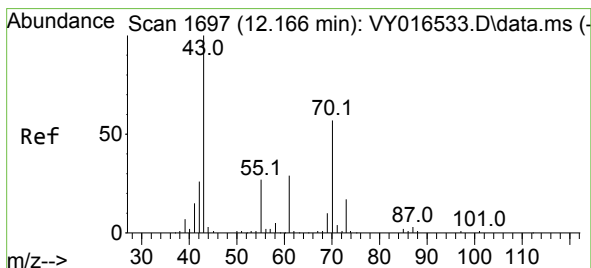
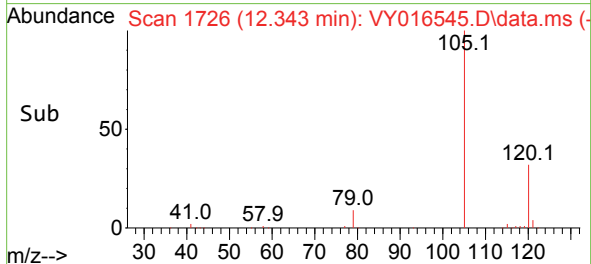
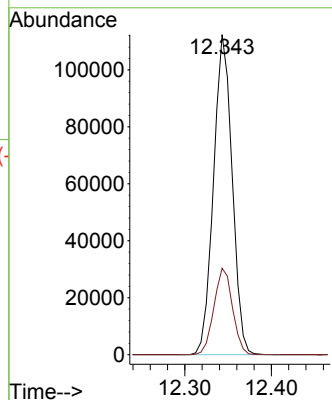
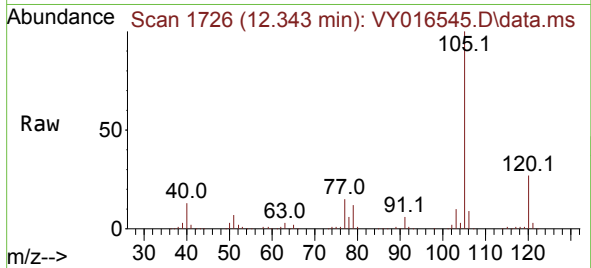




#73
Isopropylbenzene
Concen: 20.615 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

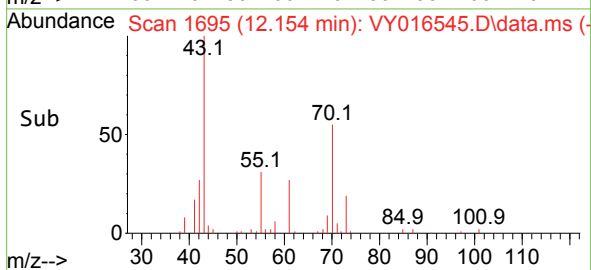
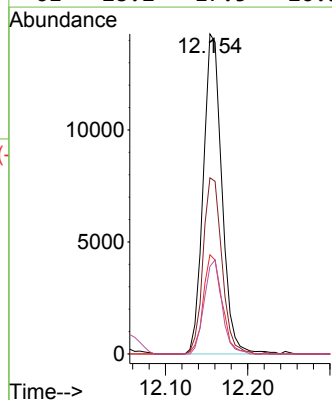
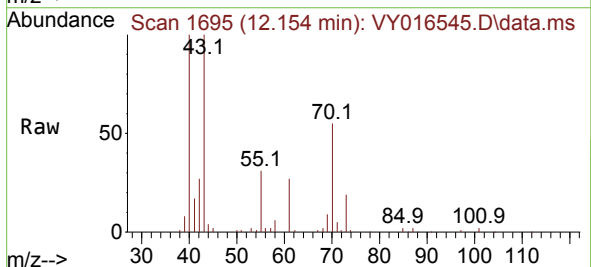
Instrument :
MSVOA_Y
ClientSampleId :

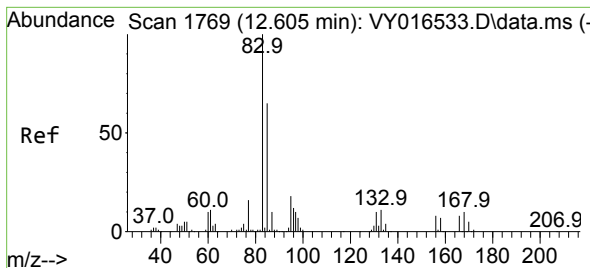
Tgt Ion:105 Resp: 167829
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-ethyl acetate
Concen: 19.553 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.012 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion: 43 Resp: 22480
Ion Ratio Lower Upper
43 100
70 55.6 29.7 44.5#
55 31.1 18.3 27.5#
61 28.2 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.742 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.012 min

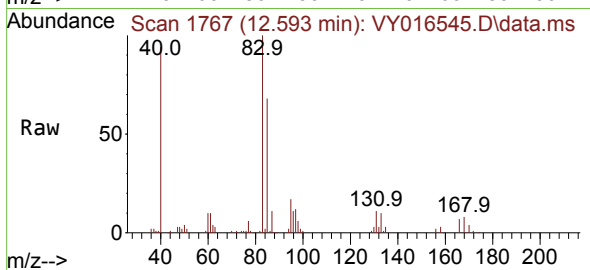
Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :



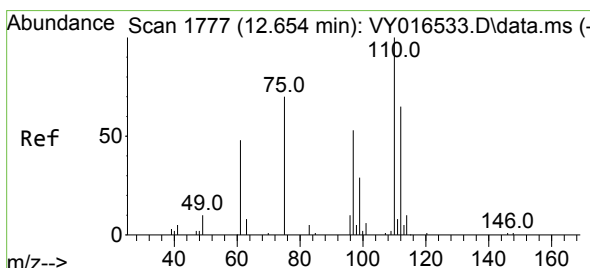
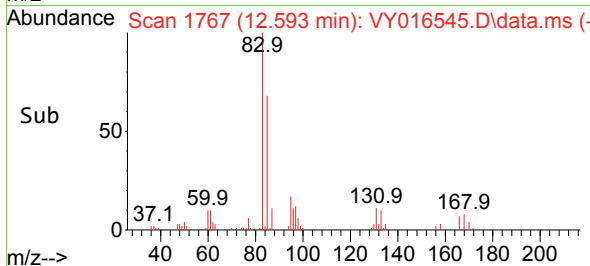
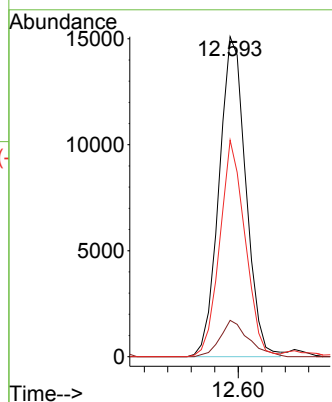
Tgt Ion: 83 Resp: 23857

Ion Ratio Lower Upper

83 100

131 12.1 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.647 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VY016545.D

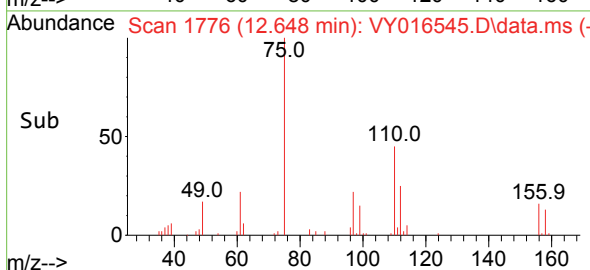
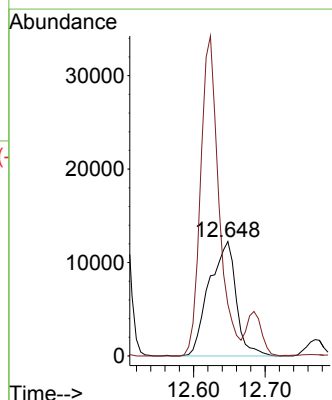
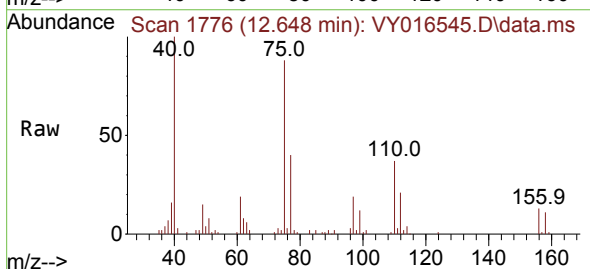
Acq: 30 Nov 2023 10:21

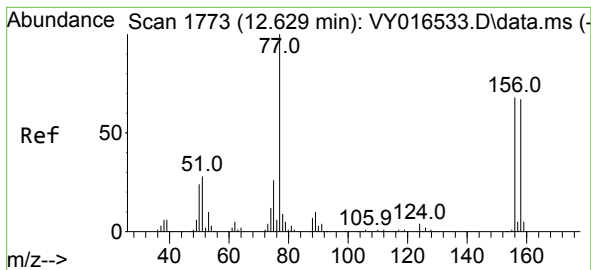
Tgt Ion: 75 Resp: 32130

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.440 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

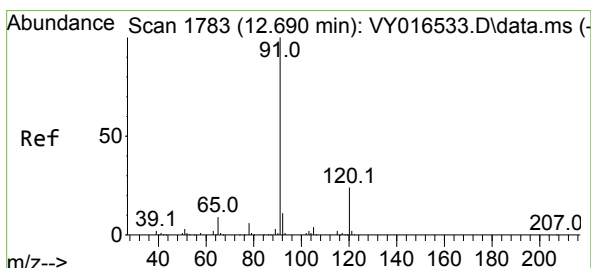
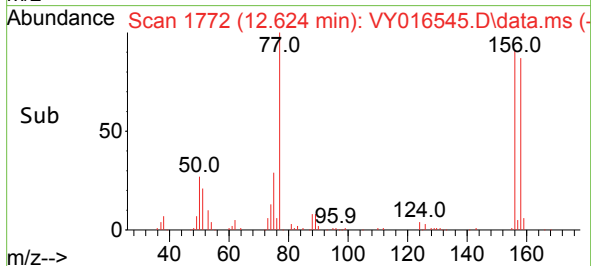
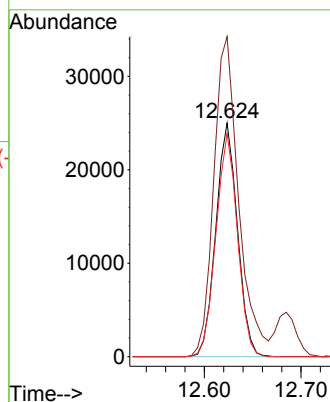
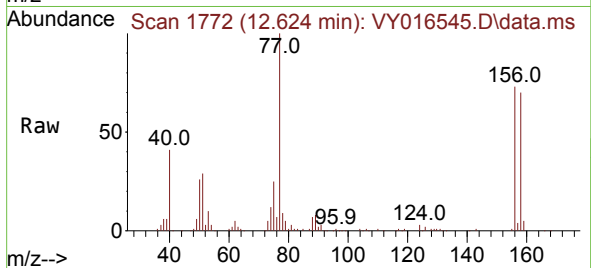
Tgt Ion:156 Resp: 38745

Ion Ratio Lower Upper

156 100

77 157.5 92.8 278.6

158 94.9 48.4 145.3



#78

n-propylbenzene

Concen: 20.538 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.006 min

Lab File: VY016545.D

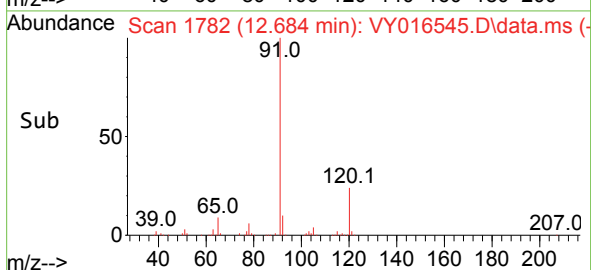
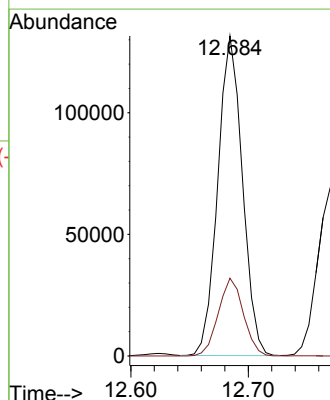
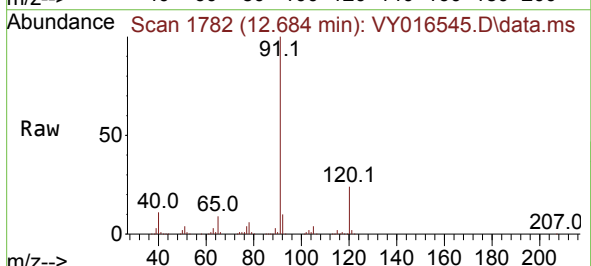
Acq: 30 Nov 2023 10:21

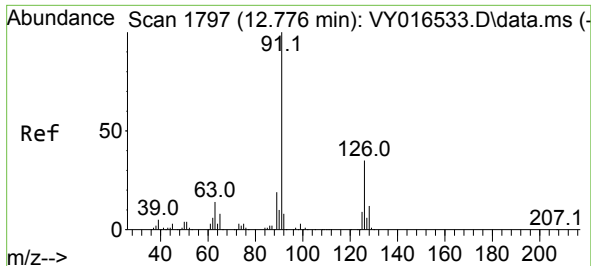
Tgt Ion: 91 Resp: 191289

Ion Ratio Lower Upper

91 100

120 24.8 11.5 34.4

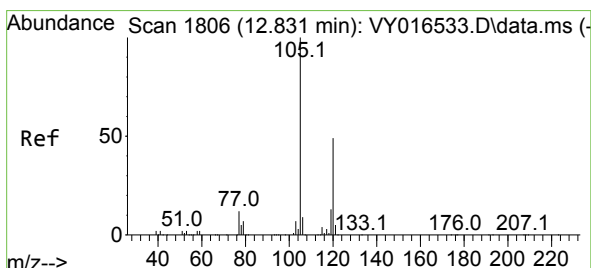
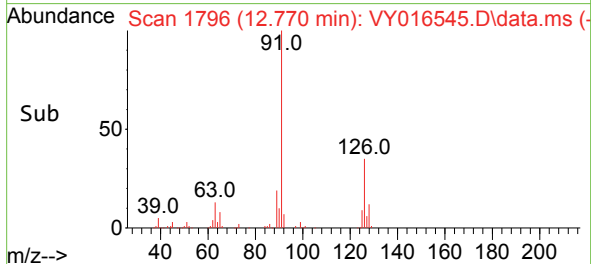
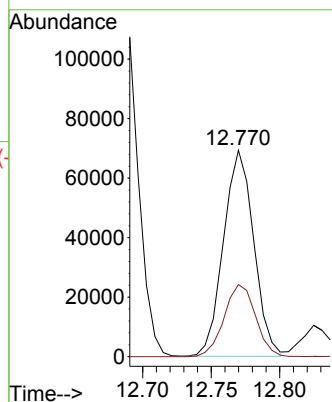
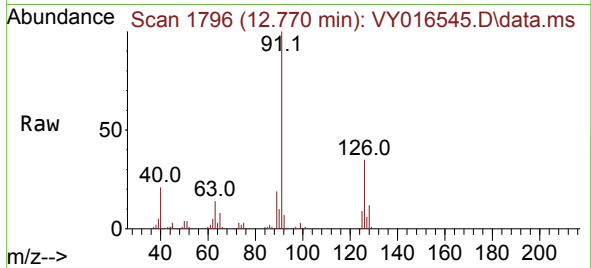




#79
2-Chlorotoluene
Concen: 20.557 ug/l
RT: 12.770 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

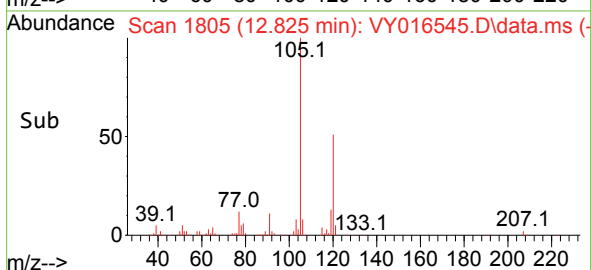
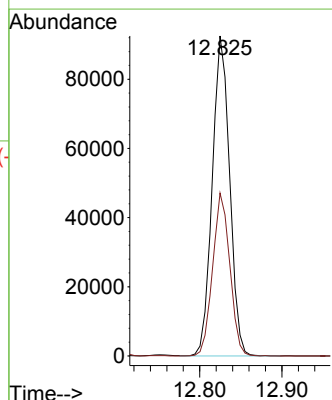
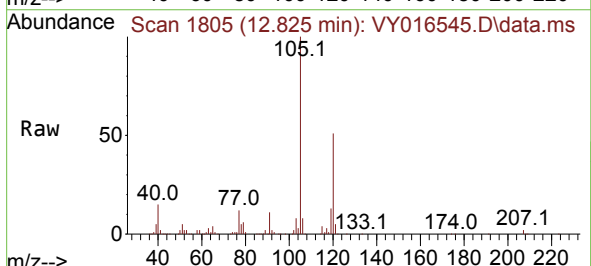
Instrument :
MSVOA_Y
ClientSampleId :

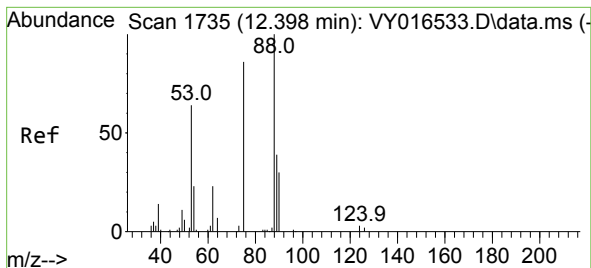
Tgt Ion: 91 Resp: 106489
Ion Ratio Lower Upper
91 100
126 36.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.797 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion:105 Resp: 136102
Ion Ratio Lower Upper
105 100
120 50.3 23.9 71.7

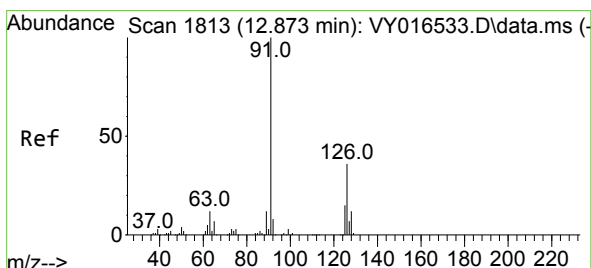
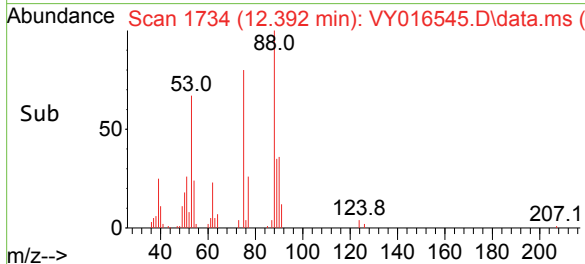
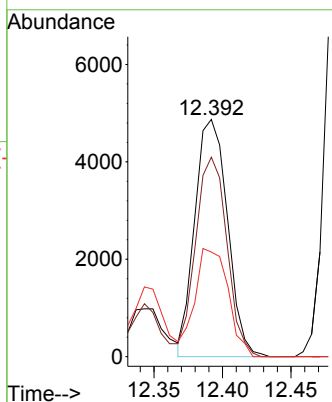
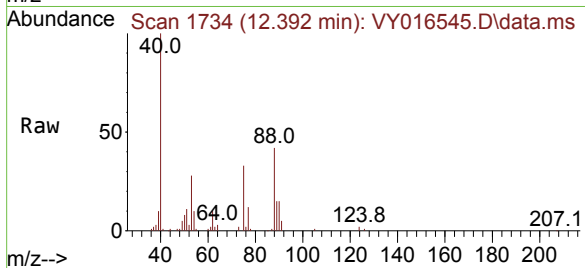




#81
trans-1,4-Dichloro-2-butene
Concen: 19.546 ug/l
RT: 12.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

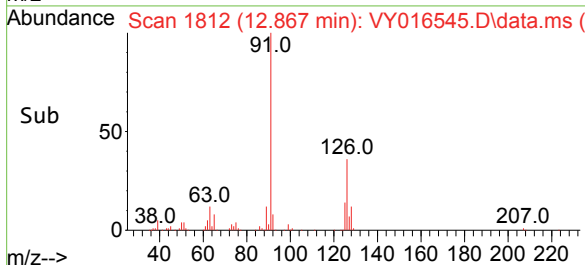
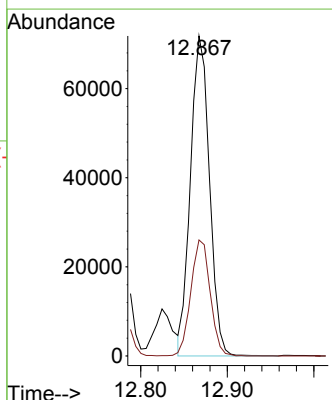
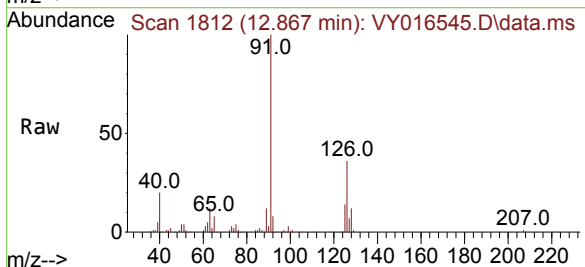
Instrument :
MSVOA_Y
ClientSampleId :

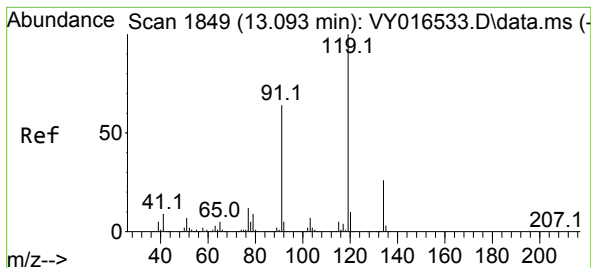
Tgt Ion: 75 Resp: 8078
Ion Ratio Lower Upper
75 100
53 81.6 77.8 116.8
89 46.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.589 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion: 91 Resp: 109509
Ion Ratio Lower Upper
91 100
126 37.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.309 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

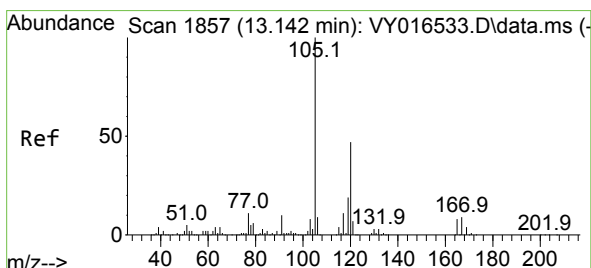
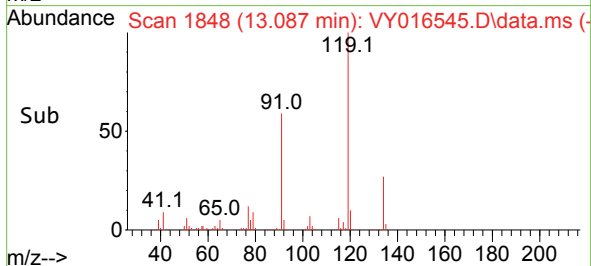
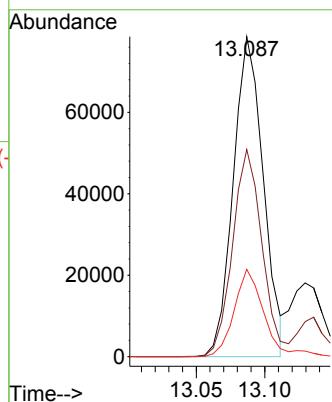
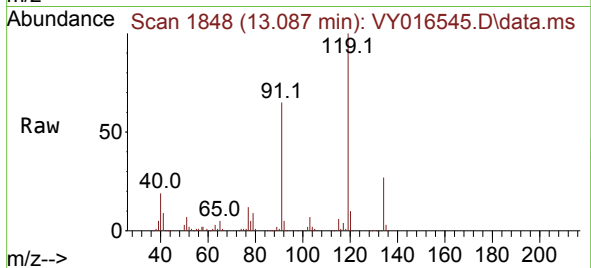
Tgt Ion:119 Resp: 119943

Ion Ratio Lower Upper

119 100

91 63.8 32.9 98.6

134 27.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.319 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. -0.006 min

Lab File: VY016545.D

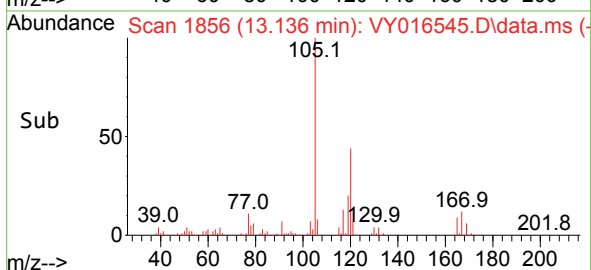
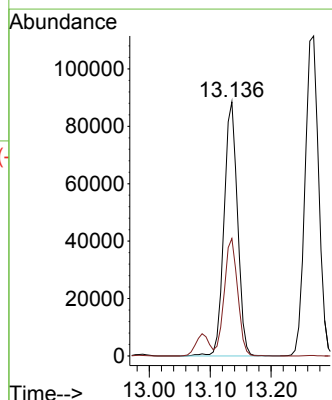
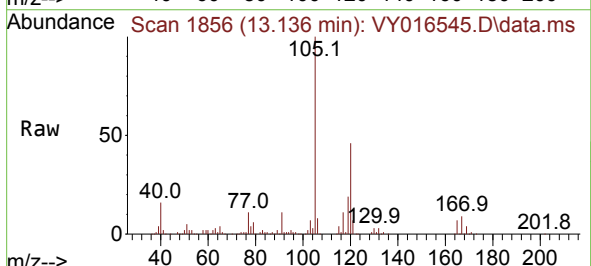
Acq: 30 Nov 2023 10:21

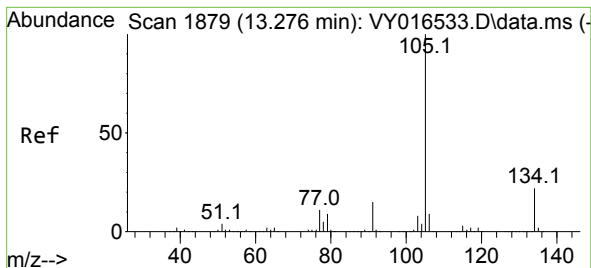
Tgt Ion:105 Resp: 135834

Ion Ratio Lower Upper

105 100

120 45.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.103 ug/l

RT: 13.270 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

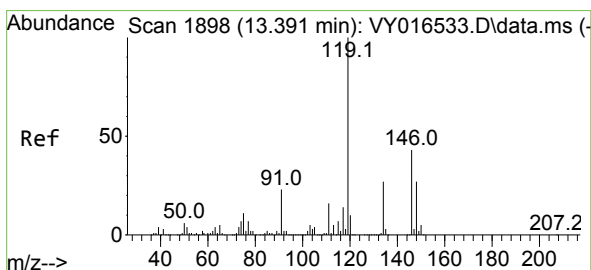
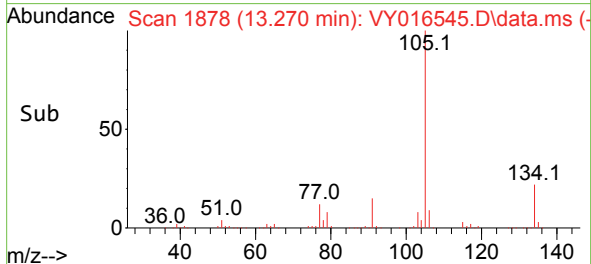
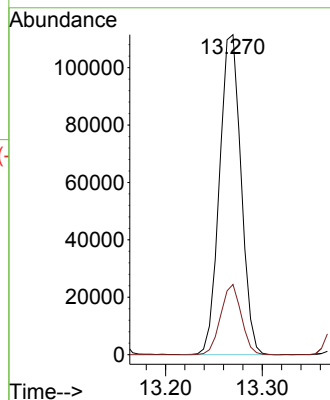
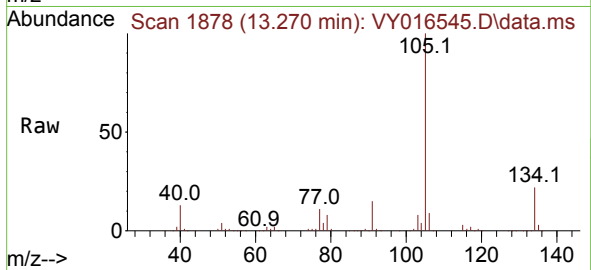
ClientSampleId :

Tgt Ion:105 Resp: 172370

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.383 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

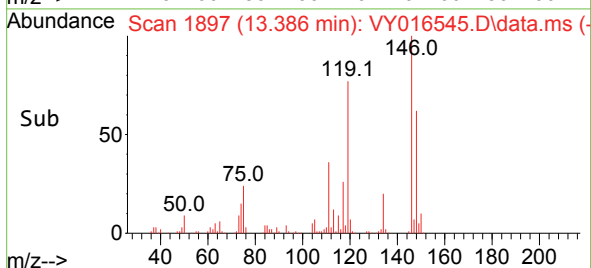
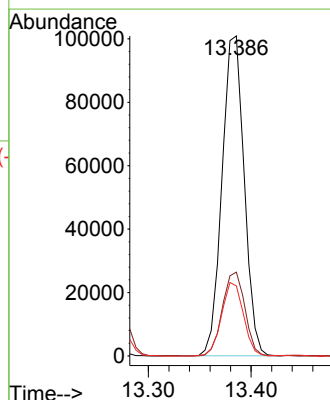
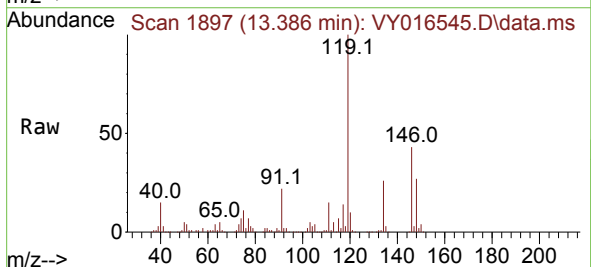
Tgt Ion:119 Resp: 150906

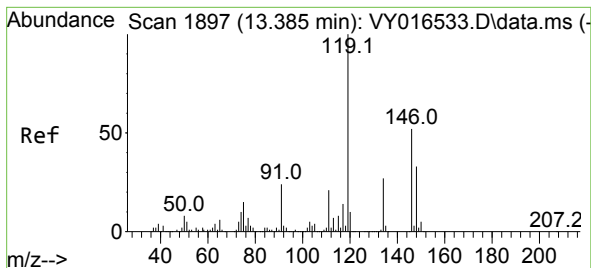
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 22.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.017 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

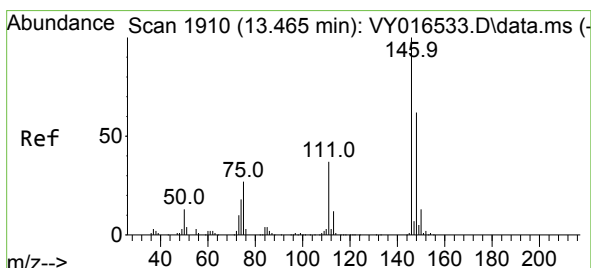
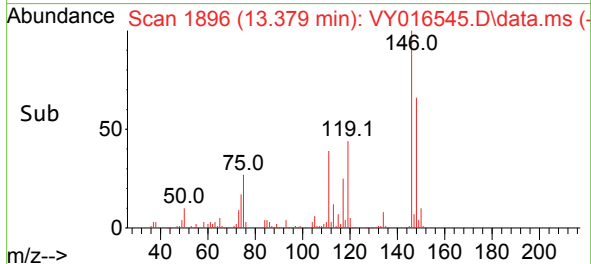
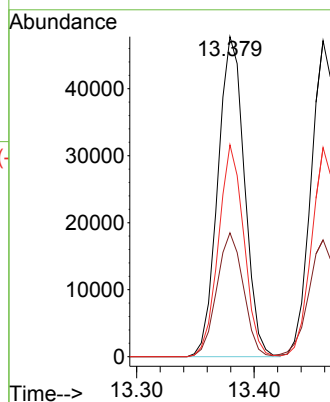
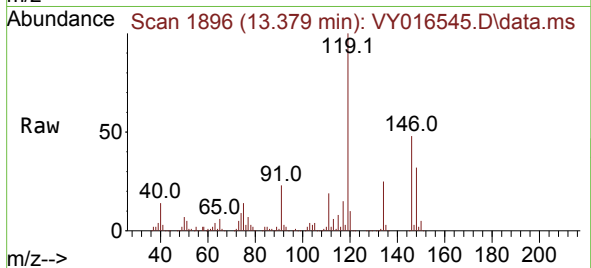
Tgt Ion:146 Resp: 75228

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

148 63.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.772 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

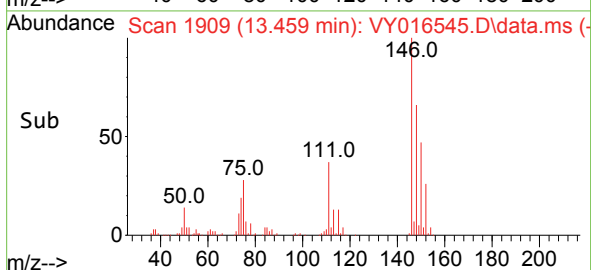
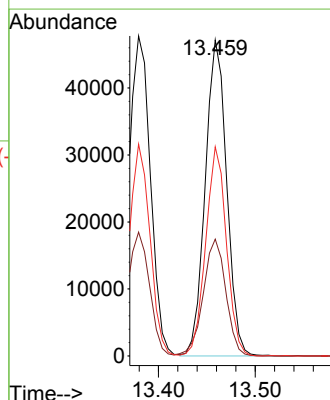
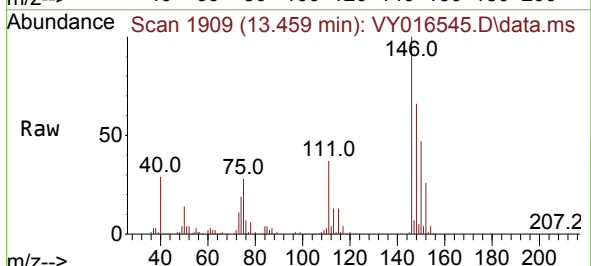
Tgt Ion:146 Resp: 72772

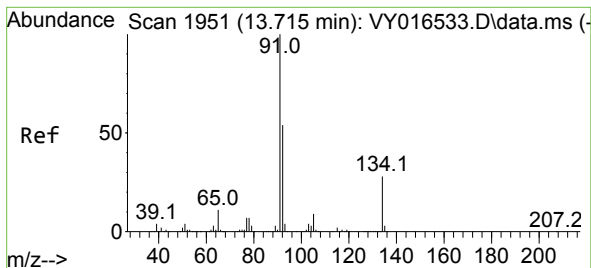
Ion Ratio Lower Upper

146 100

111 39.0 18.9 56.7

148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 21.258 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

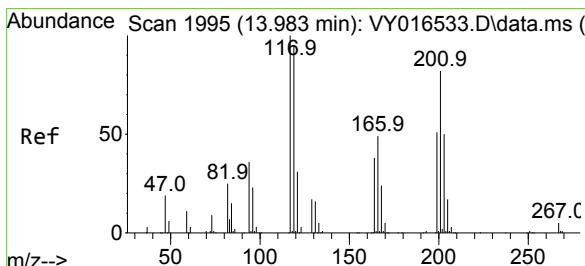
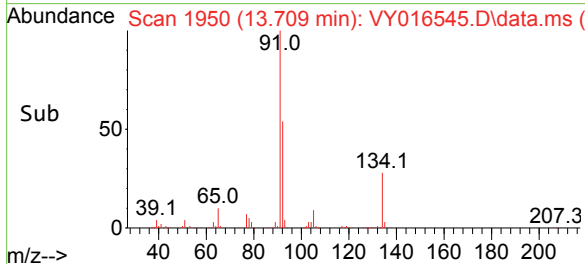
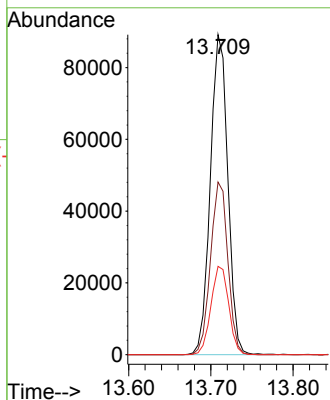
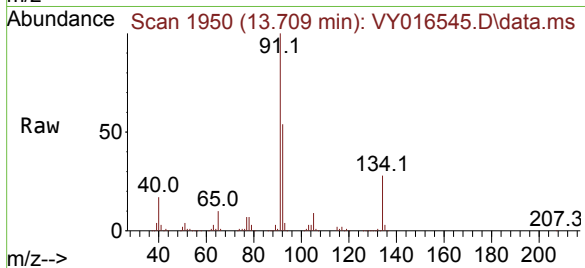
Tgt Ion: 91 Resp: 131503

Ion Ratio Lower Upper

91 100

92 53.7 25.4 76.0

134 28.1 12.6 37.6



#90

Hexachloroethane

Concen: 20.473 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY016545.D

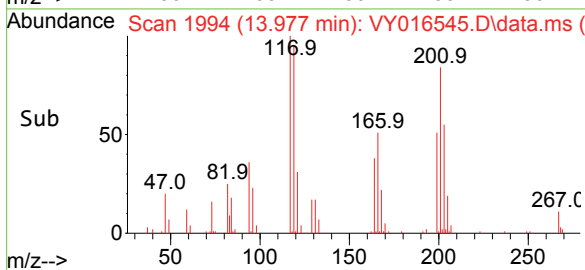
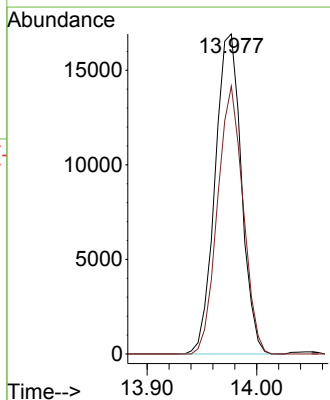
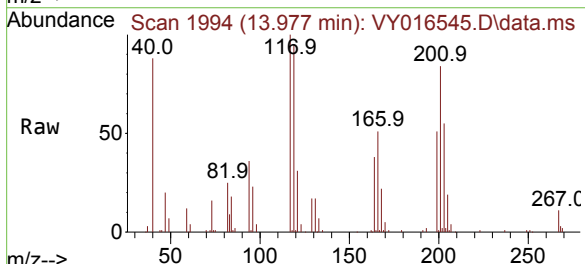
Acq: 30 Nov 2023 10:21

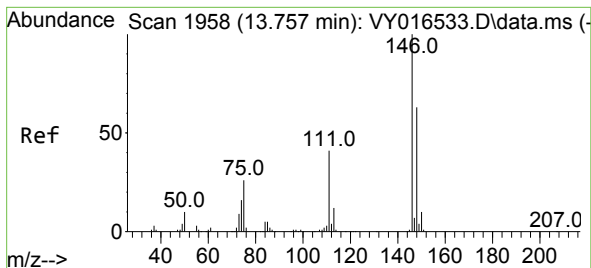
Tgt Ion: 117 Resp: 28191

Ion Ratio Lower Upper

117 100

201 81.2 41.6 124.8

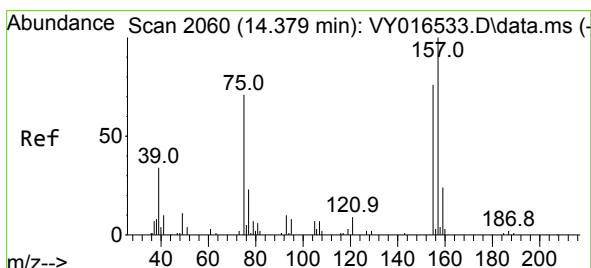
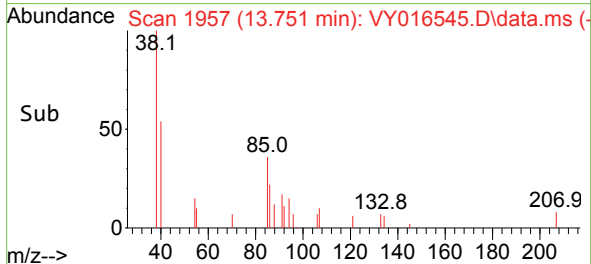
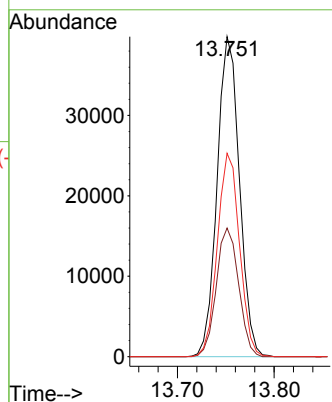
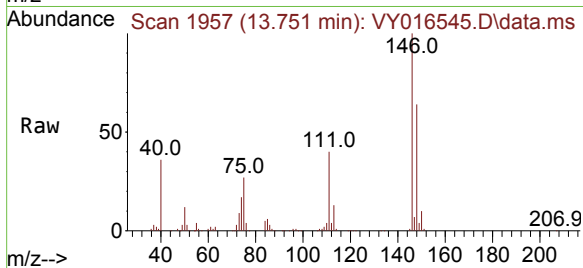




#91
1,2-Dichlorobenzene
Concen: 20.996 ug/l
RT: 13.751 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

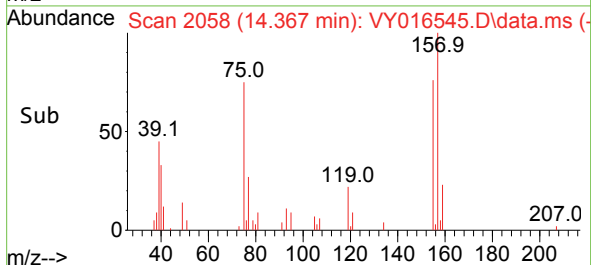
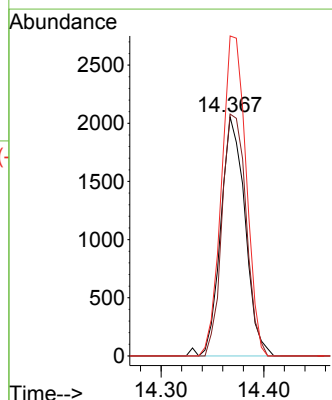
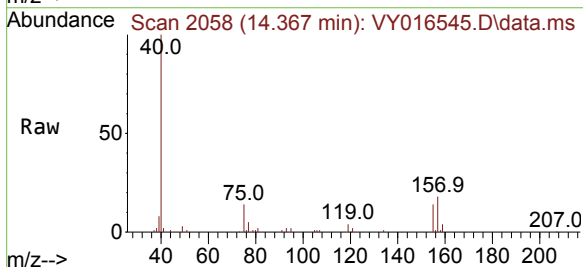
Instrument :
MSVOA_Y
ClientSampleId :

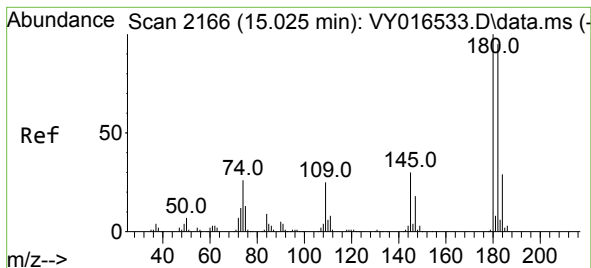
Tgt Ion:146 Resp: 63691
Ion Ratio Lower Upper
146 100
111 40.3 19.7 59.0
148 63.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.846 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.012 min
Lab File: VY016545.D
Acq: 30 Nov 2023 10:21

Tgt Ion: 75 Resp: 3374
Ion Ratio Lower Upper
75 100
155 100.2 41.5 124.6
157 134.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.966 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

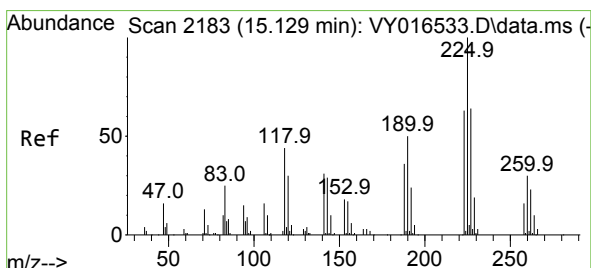
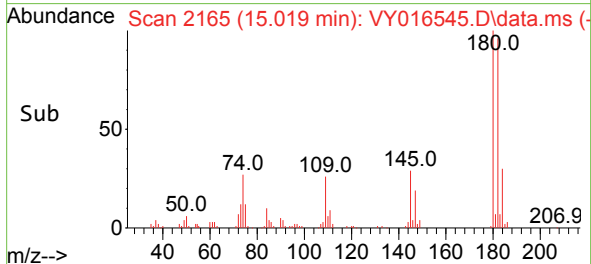
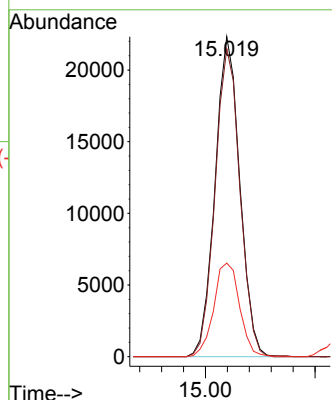
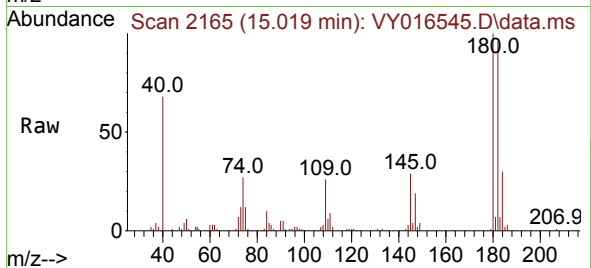
Tgt Ion:180 Resp: 35007

Ion Ratio Lower Upper

180 100

182 96.7 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.437 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

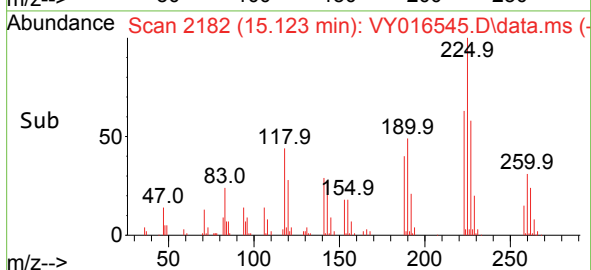
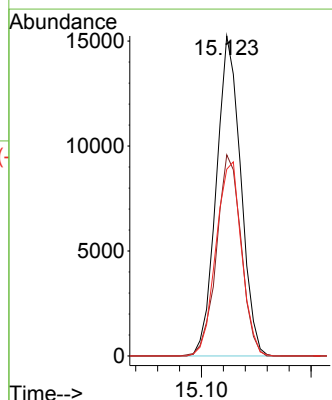
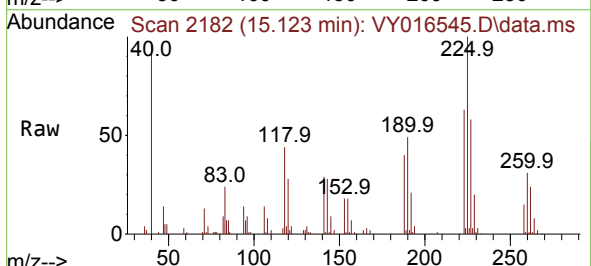
Tgt Ion:225 Resp: 23572

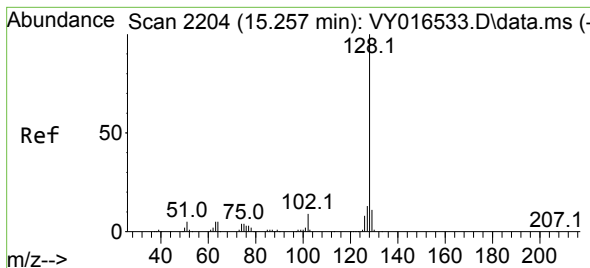
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 63.6 33.0 98.9





#95

Naphthalene

Concen: 20.355 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. -0.006 min

Lab File: VY016545.D

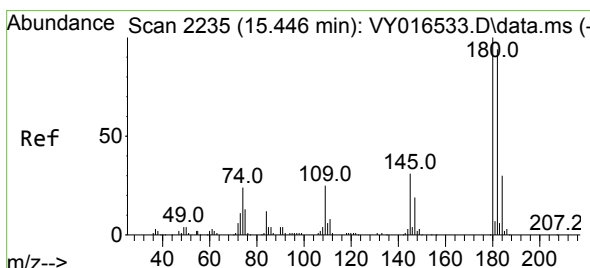
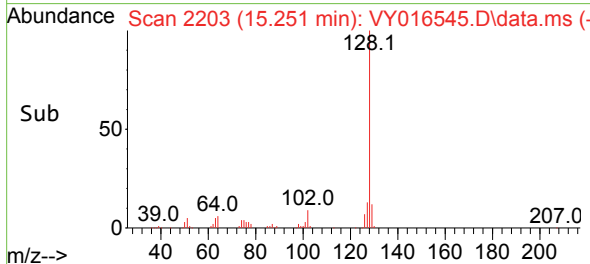
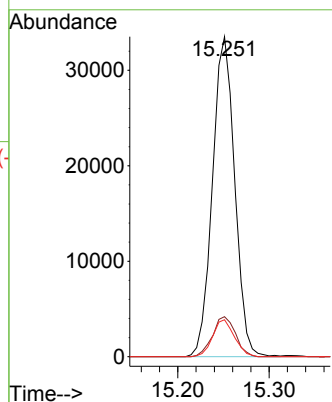
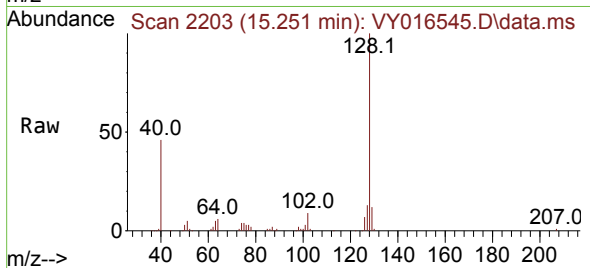
Acq: 30 Nov 2023 10:21

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	56633
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.8 16.2
129	11.3	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.204 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. -0.006 min

Lab File: VY016545.D

Acq: 30 Nov 2023 10:21

Tgt Ion:180	Resp:	28232
Ion Ratio	Lower	Upper
180	100	
182	95.0	47.3 141.8
145	31.7	15.4 46.2

