

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016833.D
 Acq On : 23 Dec 2023 02:03
 Operator : SY/MD
 Sample : VY1222SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 03:54:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	135953	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	251819	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	219803	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	92661	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	74824	60.288	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.580%	
35) Dibromofluoromethane	7.752	113	76919	53.324	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.640%	
50) Toluene-d8	10.203	98	276123	53.101	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.200%	
62) 4-Bromofluorobenzene	12.501	95	89367	52.973	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.940%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.918	85	23043	19.833	ug/l	96
3) Chloromethane	2.131	50	35615	19.942	ug/l	99
4) Vinyl Chloride	2.272	62	40749	20.201	ug/l	96
5) Bromomethane	2.674	94	30690	21.361	ug/l	100
6) Chloroethane	2.820	64	28484	20.839	ug/l	97
7) Trichlorofluoromethane	3.156	101	46237	19.676	ug/l	97
8) Diethyl Ether	3.558	74	17288	22.998	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.936	101	29135	20.212	ug/l	98
10) Methyl Iodide	4.131	142	27705	18.444	ug/l	100
11) Tert butyl alcohol	4.991	59	15832	155.582	ug/l #	86
12) 1,1-Dichloroethene	3.905	96	26685	20.791	ug/l	98
13) Acrolein	3.759	56	12107	154.202	ug/l	98
14) Allyl chloride	4.521	41	43608	22.183	ug/l	99
15) Acrylonitrile	5.204	53	39824	125.097	ug/l	98
16) Acetone	3.979	43	41264	122.952	ug/l	100
17) Carbon Disulfide	4.235	76	65017	18.618	ug/l	98
18) Methyl Acetate	4.521	43	31745	24.204	ug/l	99
19) Methyl tert-butyl Ether	5.265	73	77009	23.319	ug/l	99
20) Methylene Chloride	4.759	84	38657	20.411	ug/l	97
21) trans-1,2-Dichloroethene	5.259	96	31547	21.552	ug/l	95
22) Diisopropyl ether	6.161	45	107538	24.179	ug/l	96
23) Vinyl Acetate	6.100	43	250711	119.189	ug/l	99
24) 1,1-Dichloroethane	6.057	63	62359	23.341	ug/l	98
25) 2-Butanone	7.027	43	56813	122.953	ug/l	98
26) 2,2-Dichloropropane	7.021	77	48673	20.877	ug/l	99
27) cis-1,2-Dichloroethene	7.021	96	37782	22.427	ug/l	97
28) Bromochloromethane	7.374	49	22829	21.589	ug/l	99
29) Tetrahydrofuran	7.386	42	31794	125.837	ug/l	97
30) Chloroform	7.545	83	64842	23.708	ug/l	100
31) Cyclohexane	7.819	56	44867	18.868	ug/l	92
32) 1,1,1-Trichloroethane	7.734	97	50938	21.218	ug/l	98
36) 1,1-Dichloropropene	7.953	75	42721	18.474	ug/l	98
37) Ethyl Acetate	7.112	43	23332	23.539	ug/l	99
38) Carbon Tetrachloride	7.935	117	42745	18.679	ug/l	95
39) Methylcyclohexane	9.215	83	45416	17.010	ug/l	100
40) Benzene	8.191	78	138175	20.533	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	13641	25.920	ug/l #	90
42) 1,2-Dichloroethane	8.264	62	37980	21.633	ug/l	100
43) Isopropyl Acetate	8.307	43	41481	21.547	ug/l	99
44) Trichloroethene	8.972	130	33849	19.707	ug/l	100
45) 1,2-Dichloropropane	9.246	63	36654	21.713	ug/l	93
46) Dibromomethane	9.331	93	18644	21.379	ug/l	98
47) Bromodichloromethane	9.526	83	49002	21.319	ug/l	98
48) Methyl methacrylate	9.319	41	21992	20.555	ug/l	95
49) 1,4-Dioxane	9.325	88	3841	453.794	ug/l	96
51) 4-Methyl-2-Pentanone	10.093	43	113796	110.941	ug/l	97
52) Toluene	10.270	92	83859	20.794	ug/l	99
53) t-1,3-Dichloropropene	10.490	75	43859	20.927	ug/l	94
54) cis-1,3-Dichloropropene	9.953	75	53019	20.972	ug/l	96
55) 1,1,2-Trichloroethane	10.666	97	27624	22.202	ug/l	97
56) Ethyl methacrylate	10.532	69	23212	21.216	ug/l	97
57) 1,3-Dichloropropane	10.813	76	46261	21.890	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	57757	98.131	ug/l	99
59) 2-Hexanone	10.855	43	78743	102.953	ug/l	100
60) Dibromochloromethane	11.008	129	30822	21.414	ug/l	99
61) 1,2-Dibromoethane	11.111	107	23311	20.891	ug/l	98
64) Tetrachloroethene	10.746	164	27110	19.855	ug/l	99
65) Chlorobenzene	11.538	112	88306	20.448	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.611	131	32373	19.924	ug/l	97
67) Ethyl Benzene	11.617	91	157346	19.795	ug/l	97
68) m/p-Xylenes	11.727	106	115388	39.312	ug/l	99
69) o-Xylene	12.050	106	53930	20.028	ug/l	99
70) Styrene	12.069	104	78780	19.771	ug/l	97
71) Bromoform	12.227	173	16792	20.729	ug/l #	99
73) Isopropylbenzene	12.349	105	145784	20.201	ug/l	98
74) N-amyl acetate	12.166	43	31779	20.983	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.605	83	31685	21.971	ug/l	97
76) 1,2,3-Trichloropropane	12.654	75	36790	35.917	ug/l #	100
77) Bromobenzene	12.629	156	31816	20.209	ug/l	95
78) n-propylbenzene	12.690	91	176077	20.138	ug/l	99
79) 2-Chlorotoluene	12.776	91	99825	20.633	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	117361	20.545	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.404	75	8314	19.061	ug/l	97
82) 4-Chlorotoluene	12.879	91	102408	20.632	ug/l	99
83) tert-Butylbenzene	13.093	119	97761	19.674	ug/l	96
84) 1,2,4-Trimethylbenzene	13.142	105	115625	20.527	ug/l	98
85) sec-Butylbenzene	13.276	105	147108	19.988	ug/l	100
86) p-Isopropyltoluene	13.391	119	118527	19.338	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	61990	20.148	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	62119	20.677	ug/l	98
89) n-Butylbenzene	13.715	91	115181	19.658	ug/l	98
90) Hexachloroethane	13.983	117	25559	20.026	ug/l	98
91) 1,2-Dichlorobenzene	13.757	146	55140	21.037	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	3818	20.424	ug/l	97
93) 1,2,4-Trichlorobenzene	15.025	180	25687	18.469	ug/l	100
94) Hexachlorobutadiene	15.129	225	15563	19.702	ug/l	97
95) Naphthalene	15.257	128	48416	18.603	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	22294	18.821	ug/l	98

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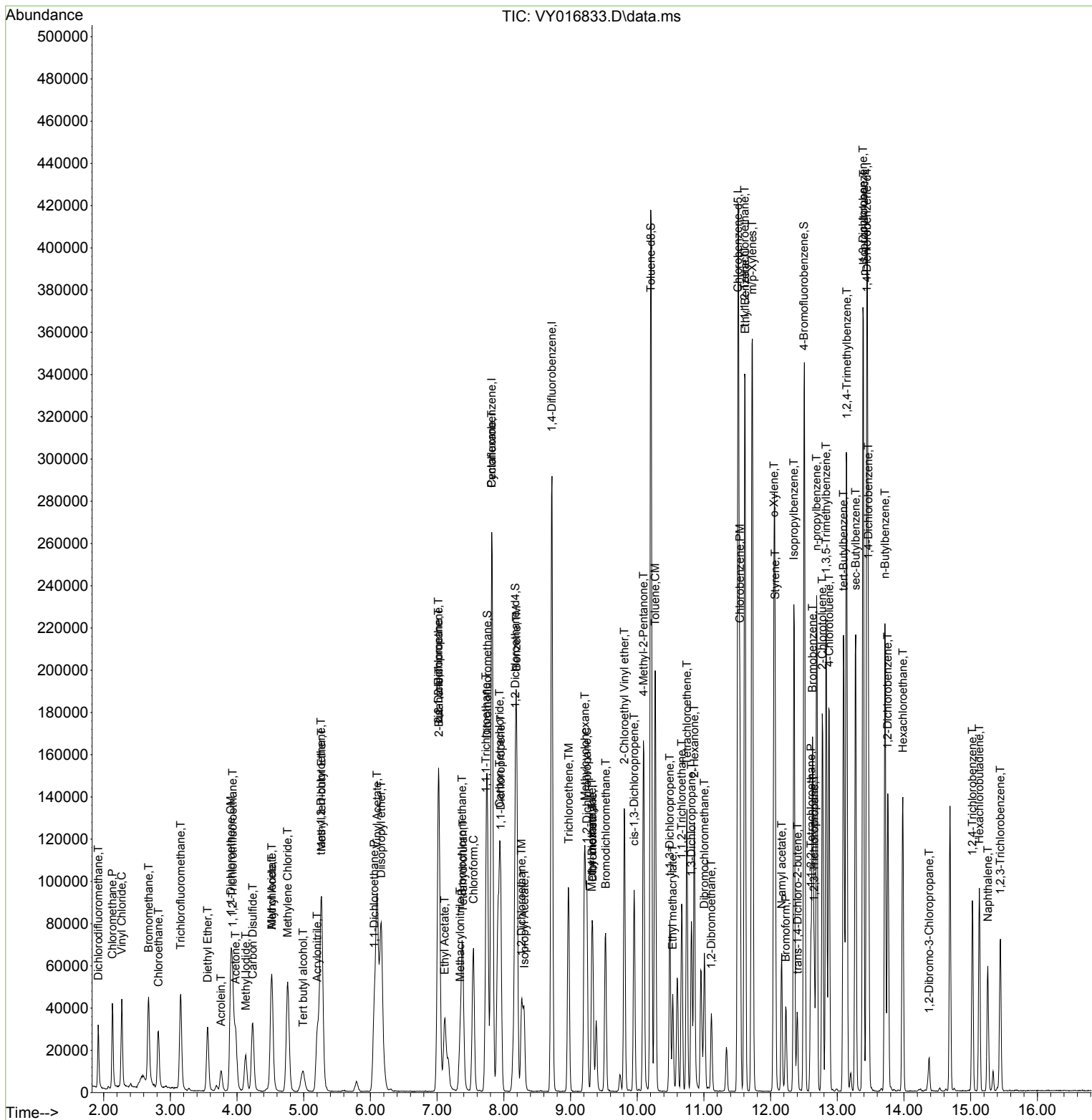
Instrument :
MSVOA_Y
ClientSampleId :

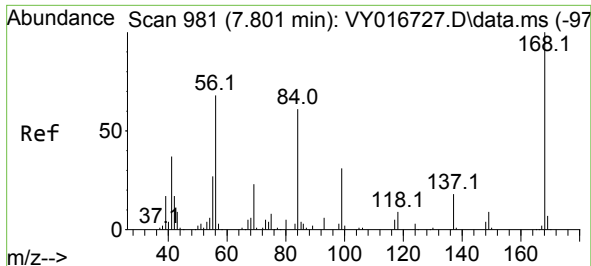
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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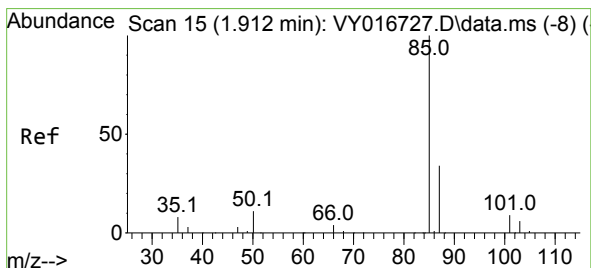
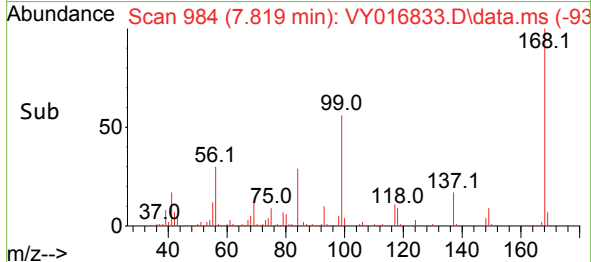
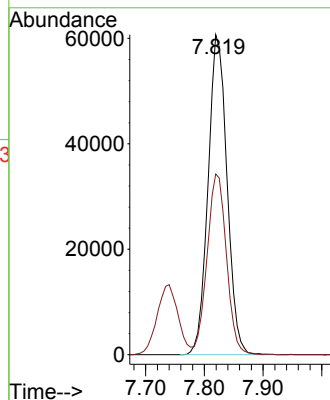
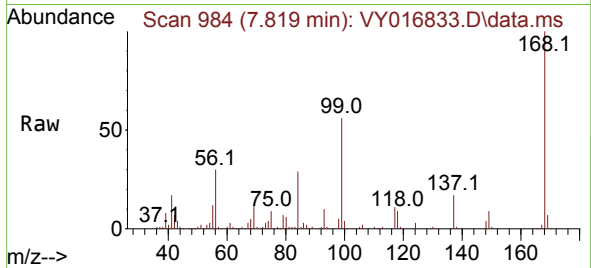




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016833.D
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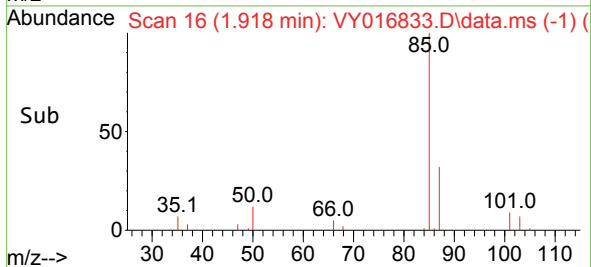
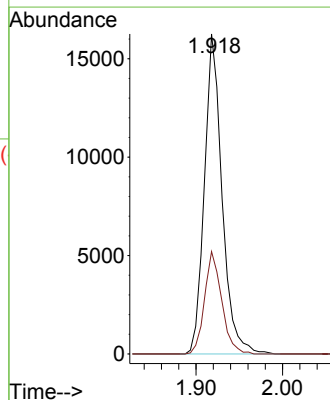
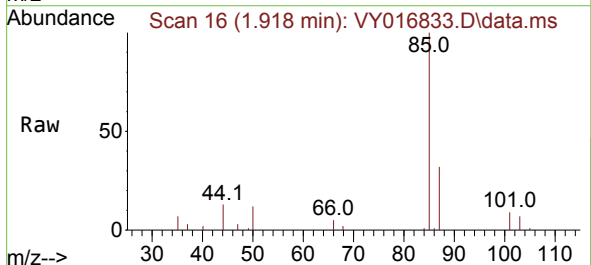
Instrument :
MSVOA_Y
ClientSampleId :

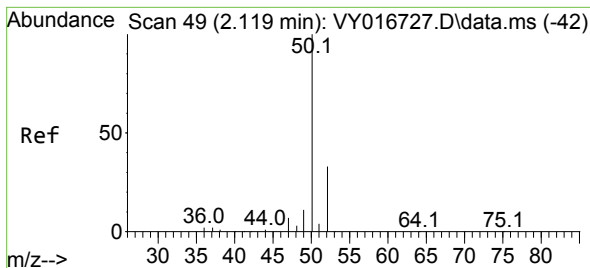
Tgt Ion:168 Resp: 135953
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 19.833 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion: 85 Resp: 23043
Ion Ratio Lower Upper
85 100
87 32.0 17.1 51.3





#3

Chloromethane

Concen: 19.942 ug/l

RT: 2.131 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

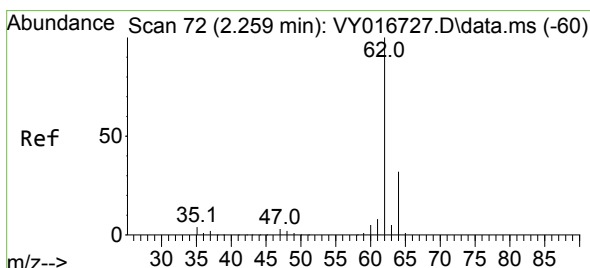
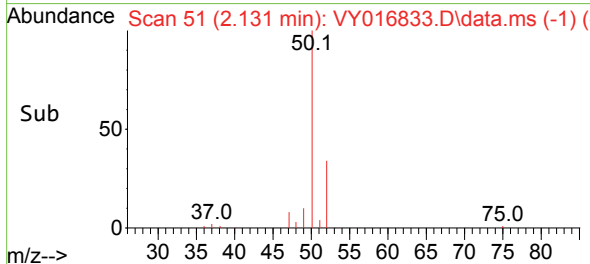
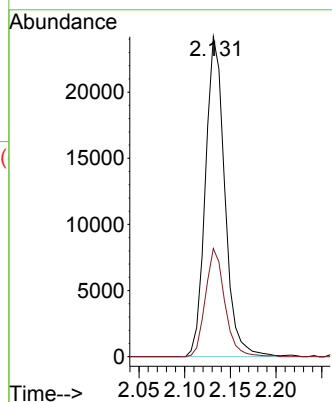
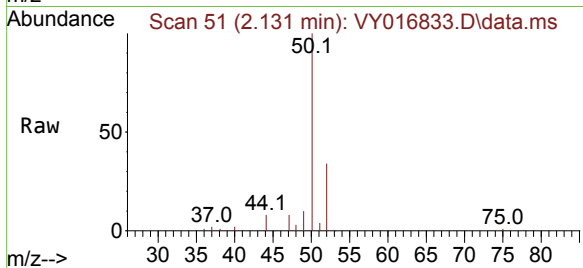
ClientSampleId :

Tgt Ion: 50 Resp: 35615

Ion Ratio Lower Upper

50 100

52 33.8 26.7 40.1



#4

Vinyl Chloride

Concen: 20.201 ug/l

RT: 2.272 min Scan# 74

Delta R.T. 0.012 min

Lab File: VY016833.D

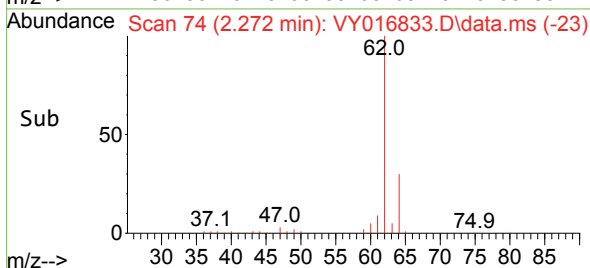
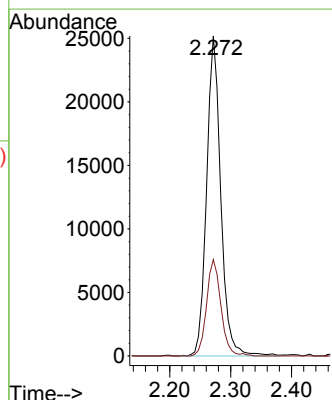
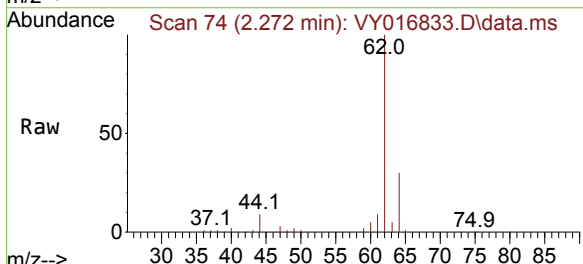
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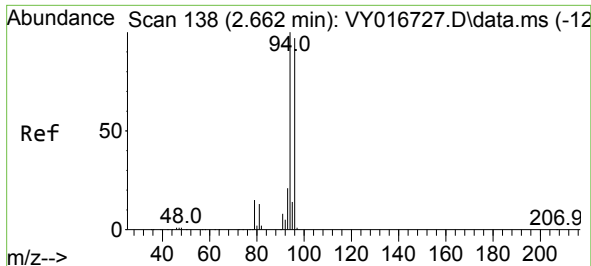
Tgt Ion: 62 Resp: 40749

Ion Ratio Lower Upper

62 100

64 30.1 25.7 38.5





#5

Bromomethane

Concen: 21.361 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

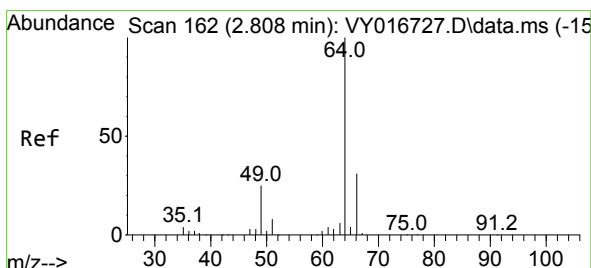
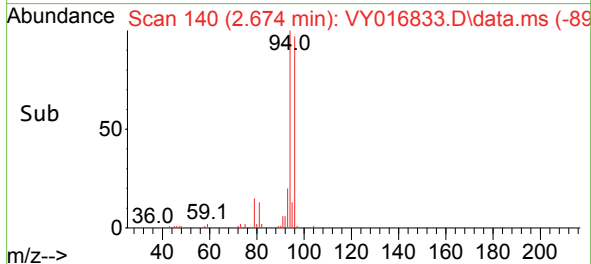
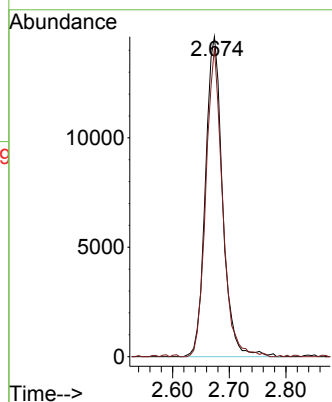
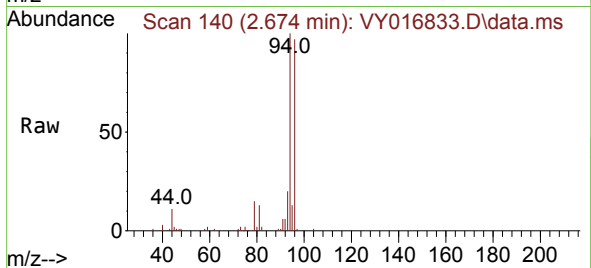
ClientSampleId :

Tgt Ion: 94 Resp: 30690

Ion Ratio Lower Upper

94 100

96 96.6 77.3 115.9



#6

Chloroethane

Concen: 20.839 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.012 min

Lab File: VY016833.D

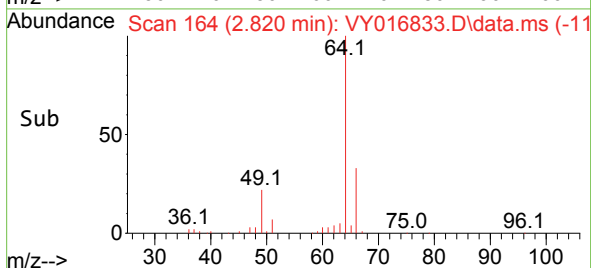
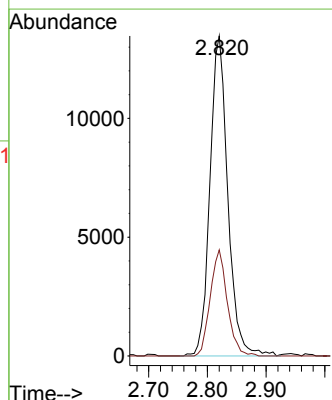
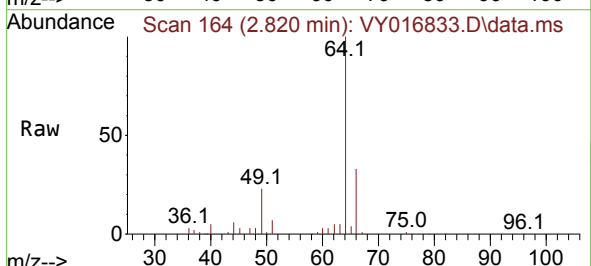
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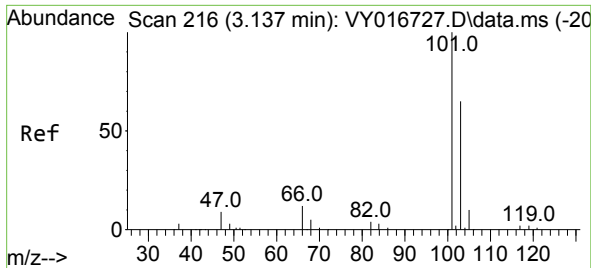
Tgt Ion: 64 Resp: 28484

Ion Ratio Lower Upper

64 100

66 33.1 25.1 37.7

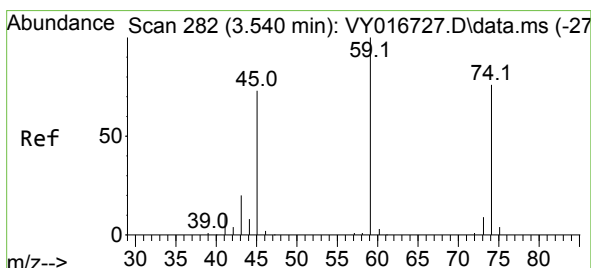
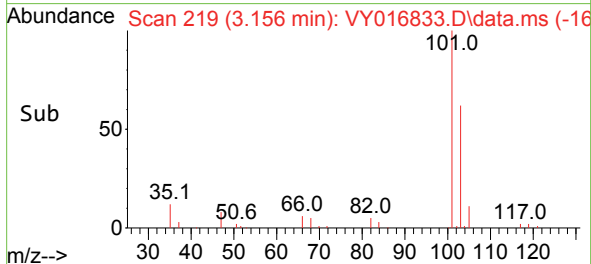
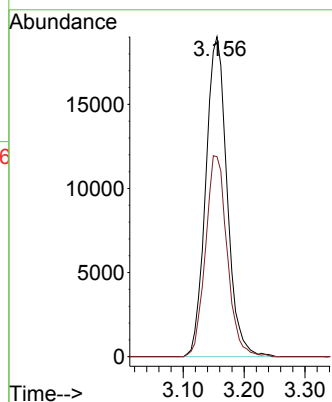
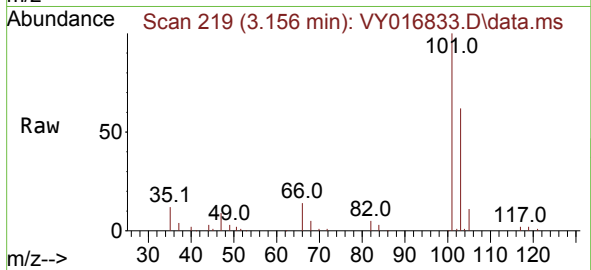




#7
Trichlorofluoromethane
Concen: 19.676 ug/l
RT: 3.156 min Scan# 216
Delta R.T. 0.018 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

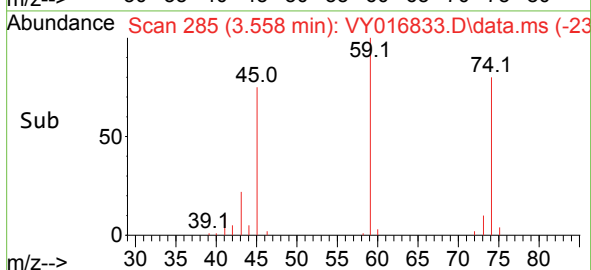
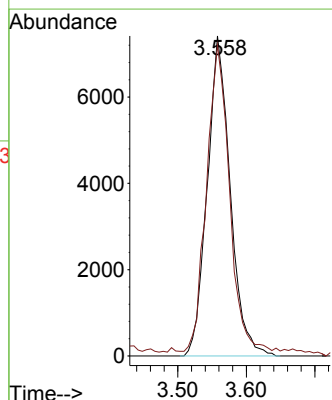
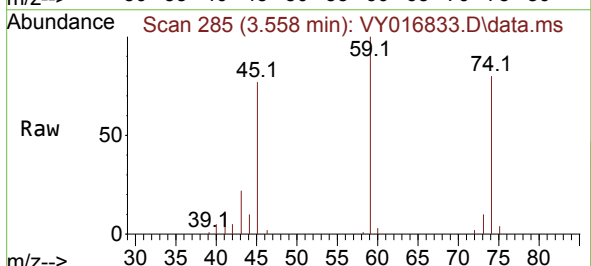
Instrument :
MSVOA_Y
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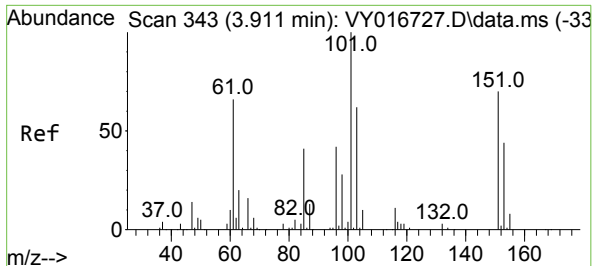
Tgt Ion:101 Resp: 46237
Ion Ratio Lower Upper
101 100
103 62.5 51.9 77.9



#8
Diethyl Ether
Concen: 22.998 ug/l
RT: 3.558 min Scan# 285
Delta R.T. 0.018 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion: 74 Resp: 17288
Ion Ratio Lower Upper
74 100
45 94.7 47.9 143.7

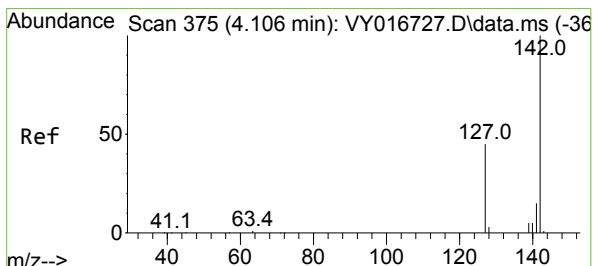
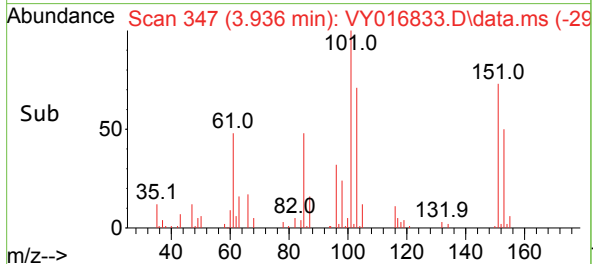
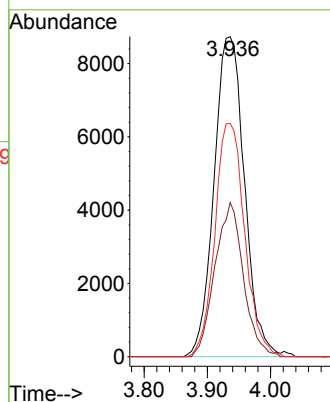
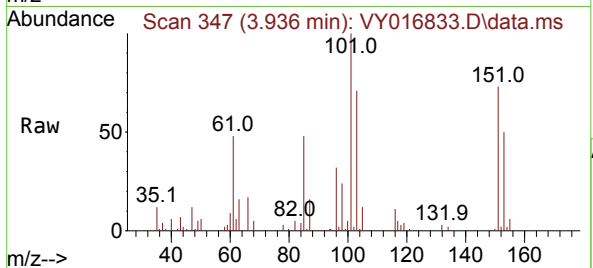




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.212 ug/l
RT: 3.936 min Scan# 343
Delta R.T. 0.024 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

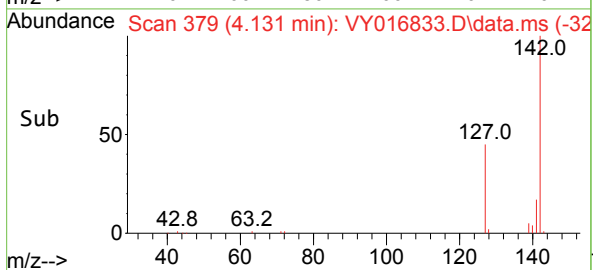
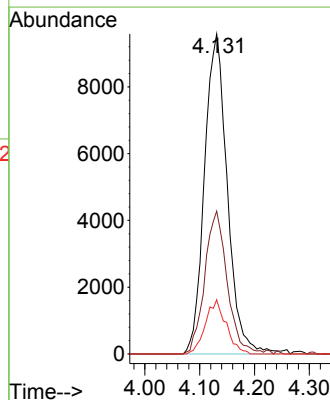
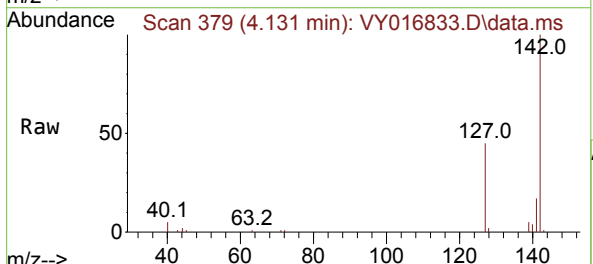
Instrument :
MSVOA_Y
ClientSampleId :

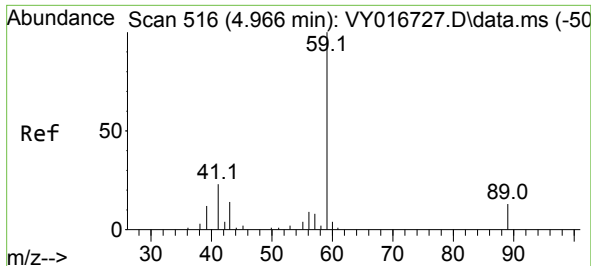
Tgt Ion:101	Resp:	29135
Ion Ratio	Lower	Upper
101	100	
85	45.2	35.8 53.6
151	71.4	58.6 88.0



#10
Methyl Iodide
Concen: 18.444 ug/l
RT: 4.131 min Scan# 379
Delta R.T. 0.024 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion:142	Resp:	27705
Ion Ratio	Lower	Upper
142	100	
127	43.9	35.1 52.7
141	15.4	11.8 17.6





#11

Tert butyl alcohol

Concen: 155.582 ug/l

RT: 4.991 min Scan# 51

Delta R.T. 0.025 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

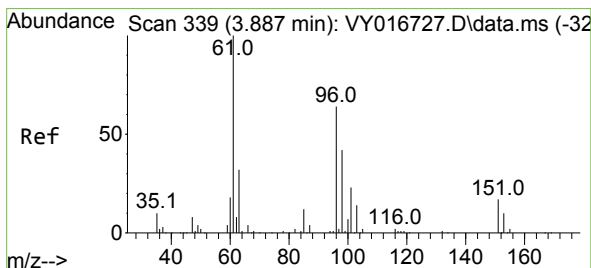
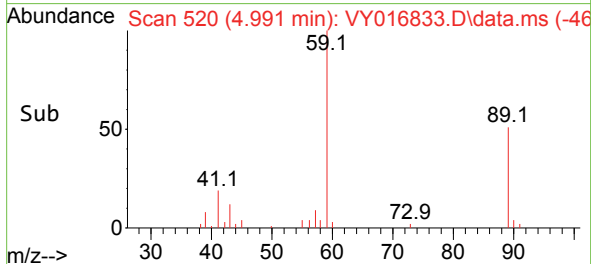
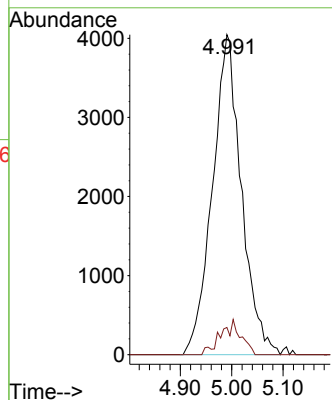
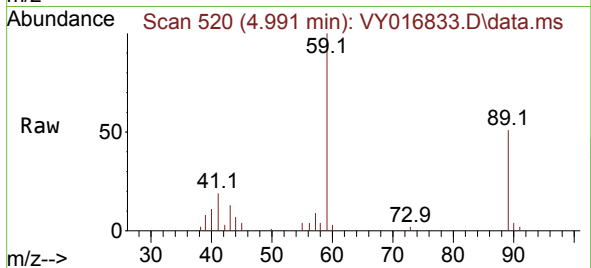
ClientSampleId :

Tgt Ion: 59 Resp: 15832

Ion Ratio Lower Upper

59 100

57 4.0 7.4 11.0#



#12

1,1-Dichloroethene

Concen: 20.791 ug/l

RT: 3.905 min Scan# 342

Delta R.T. 0.018 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

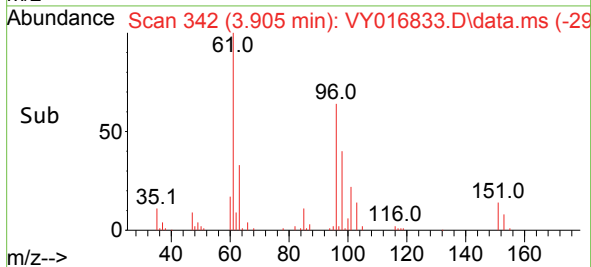
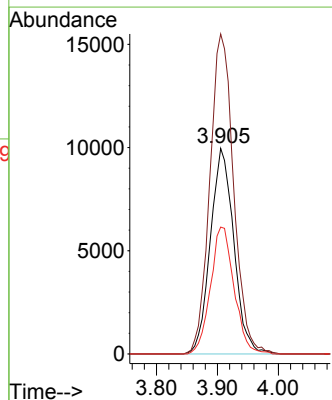
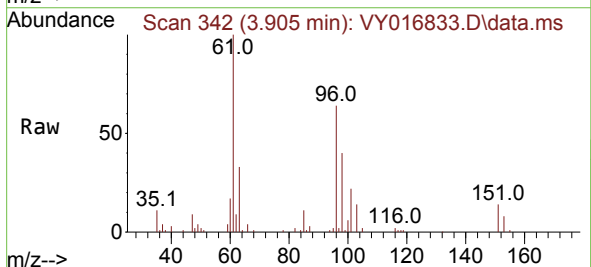
Tgt Ion: 96 Resp: 26685

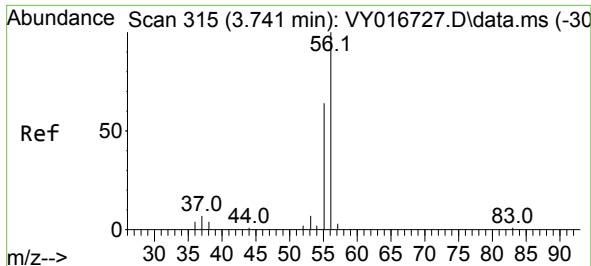
Ion Ratio Lower Upper

96 100

61 155.6 124.2 186.2

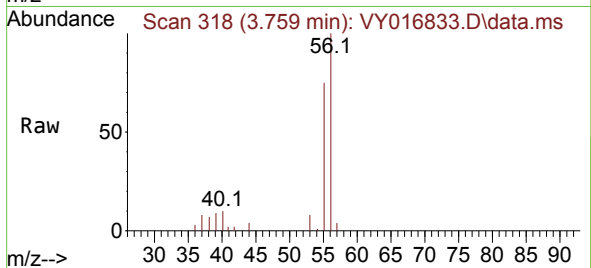
98 61.7 52.6 79.0



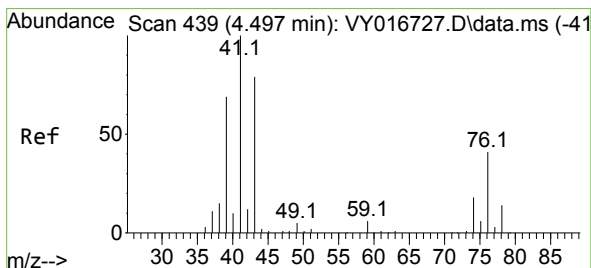
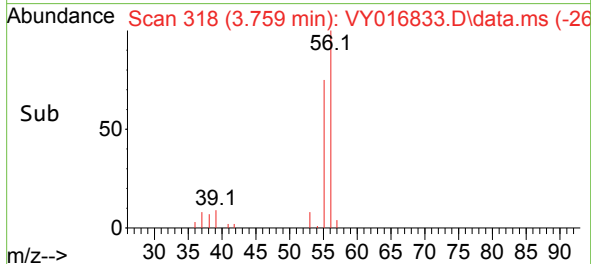
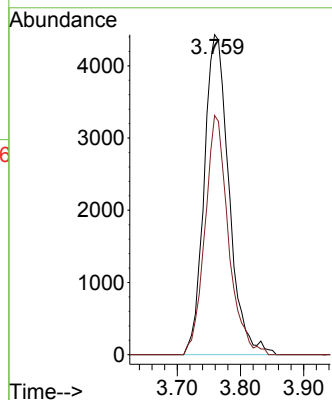


#13
Acrolein
Concen: 154.202 ug/l
RT: 3.759 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Instrument :
MSVOA_Y
ClientSampleId :

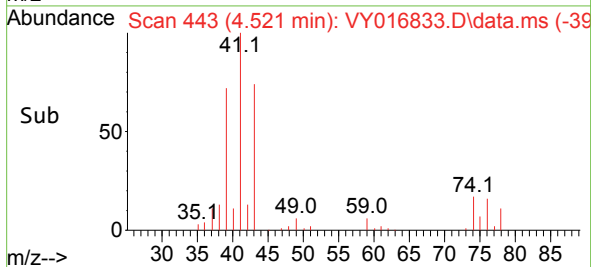
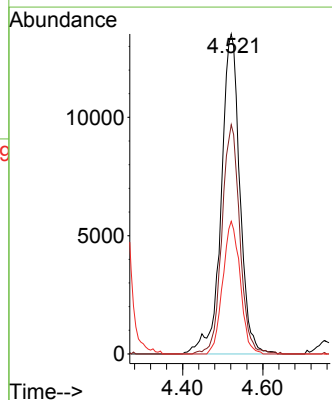
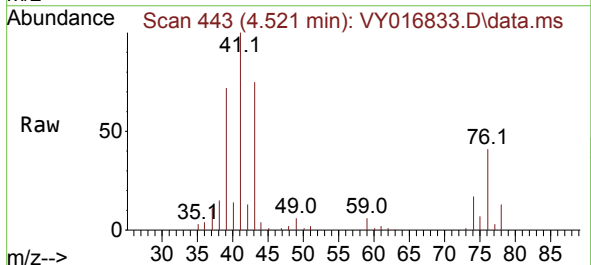


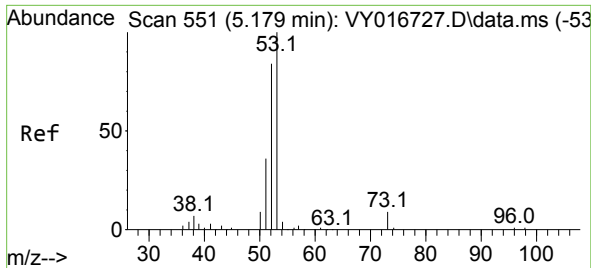
Tgt Ion: 56 Resp: 12107
Ion Ratio Lower Upper
56 100
55 70.8 55.4 83.0



#14
Allyl chloride
Concen: 22.183 ug/l
RT: 4.521 min Scan# 443
Delta R.T. 0.024 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion: 41 Resp: 43608
Ion Ratio Lower Upper
41 100
39 68.9 54.7 82.1
76 38.8 31.8 47.6





#15

Acrylonitrile

Concen: 125.097 ug/l

RT: 5.204 min Scan# 51

Delta R.T. 0.025 min

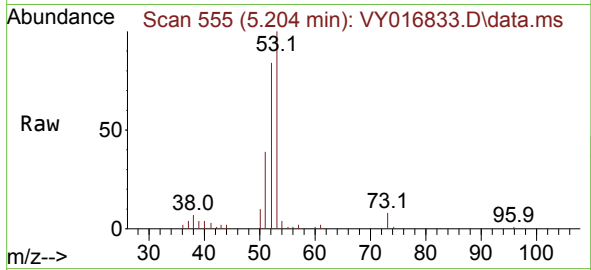
Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

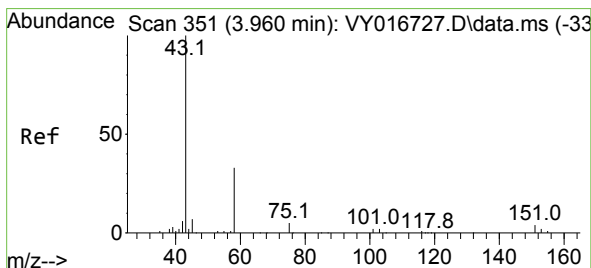
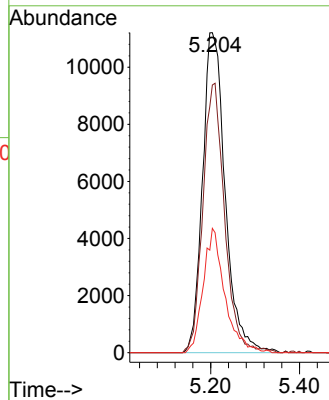
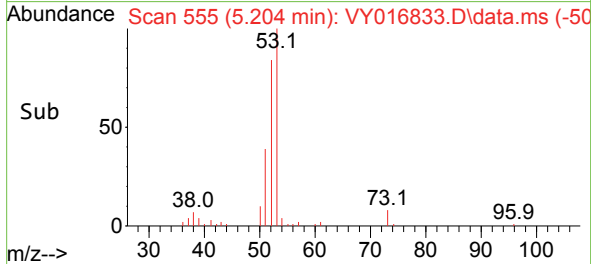
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	53	Resp:	39824
Ion	Ratio	Lower	Upper
53	100		
52	79.9	65.1	97.7
51	36.8	29.0	43.4



#16

Acetone

Concen: 122.952 ug/l

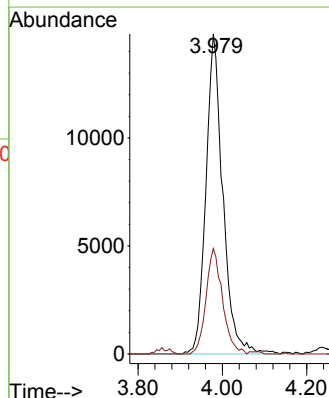
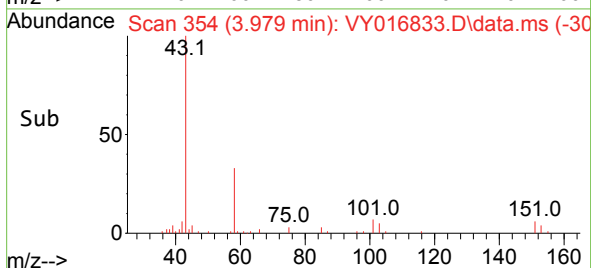
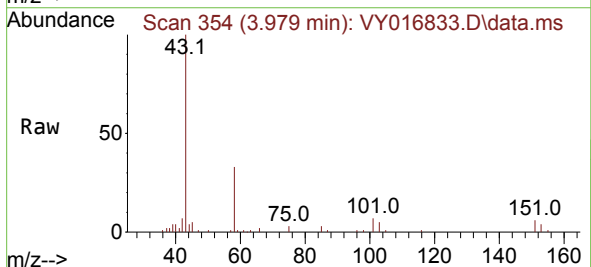
RT: 3.979 min Scan# 354

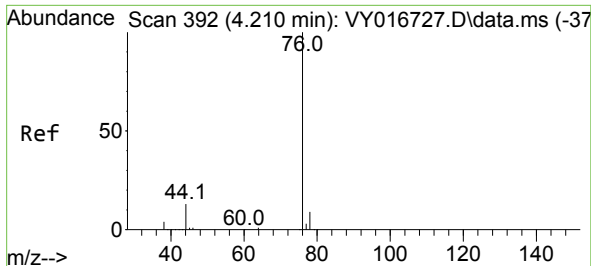
Delta R.T. 0.019 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Tgt Ion:	43	Resp:	41264
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.6	39.8

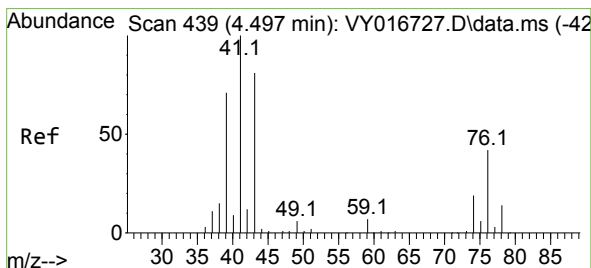
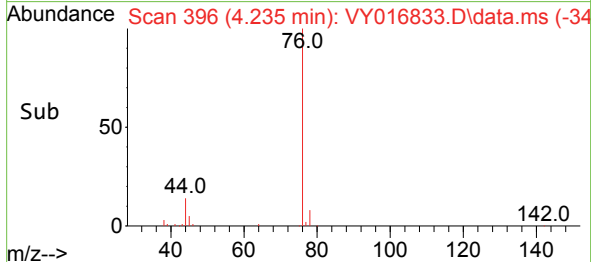
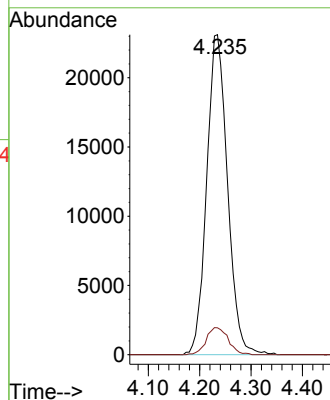
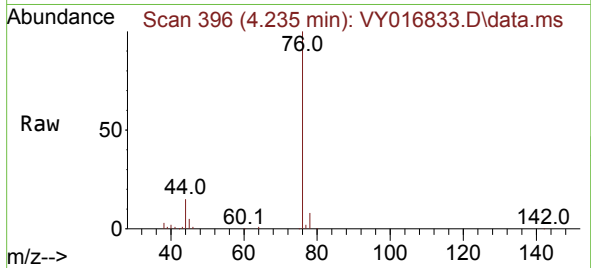




#17
Carbon Disulfide
Concen: 18.618 ug/l
RT: 4.235 min Scan# 396
Delta R.T. 0.025 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

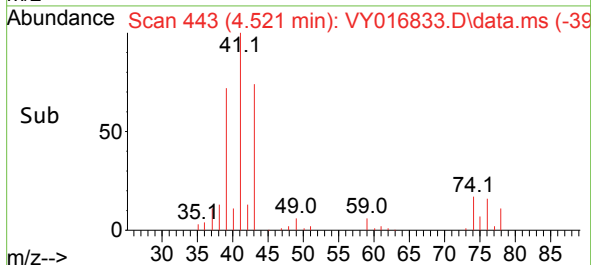
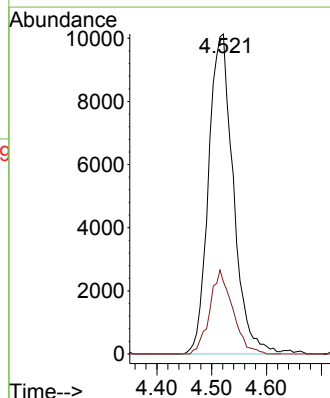
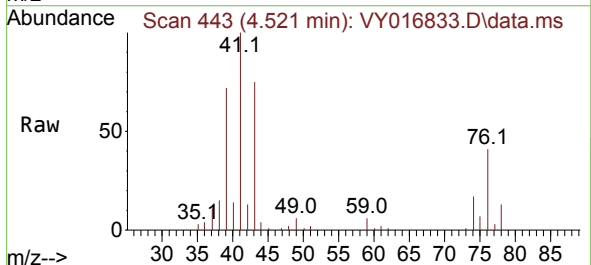
Instrument :
MSVOA_Y
ClientSampleId :

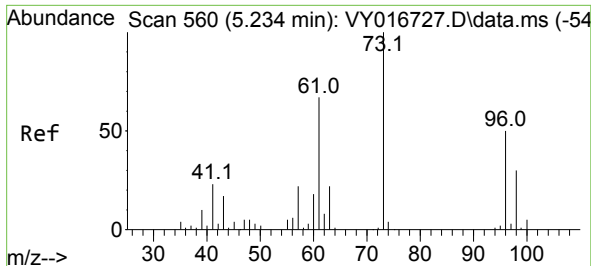
Tgt Ion: 76 Resp: 65017
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0



#18
Methyl Acetate
Concen: 24.204 ug/l
RT: 4.521 min Scan# 443
Delta R.T. 0.024 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

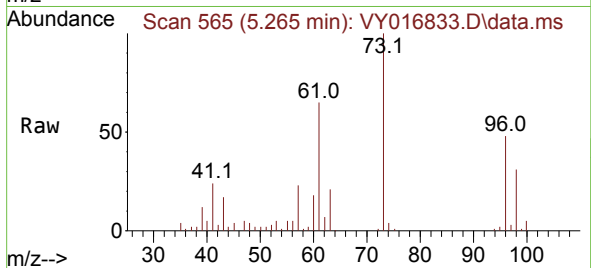
Tgt Ion: 43 Resp: 31745
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.6



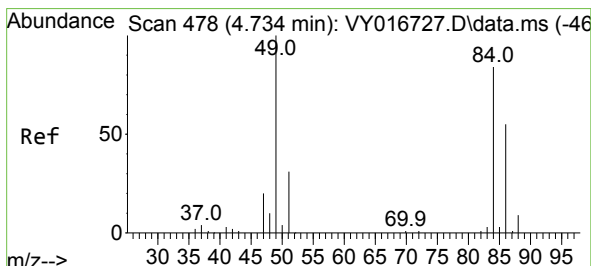
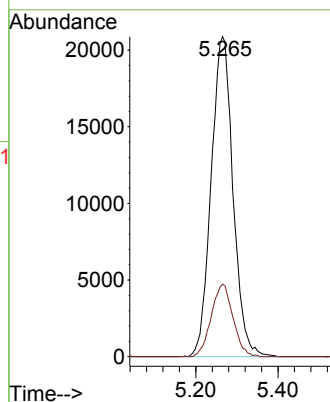
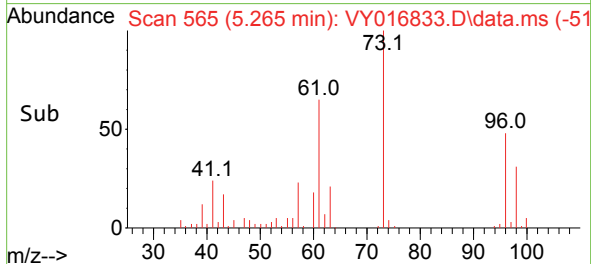


#19
Methyl tert-butyl Ether
Concen: 23.319 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Instrument :
MSVOA_Y
ClientSampleId :

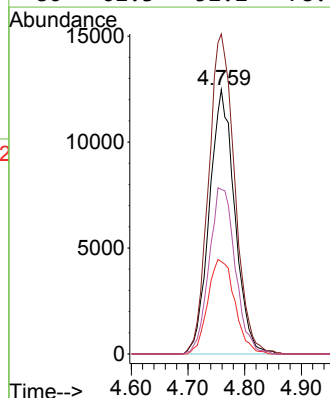
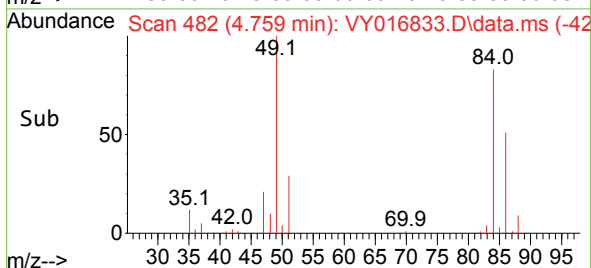
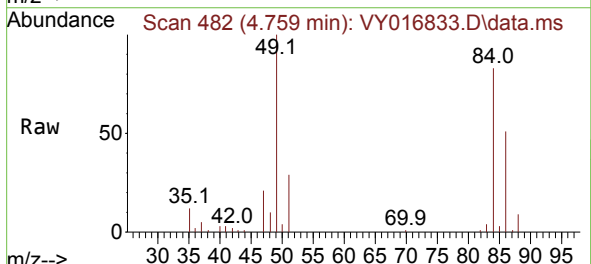


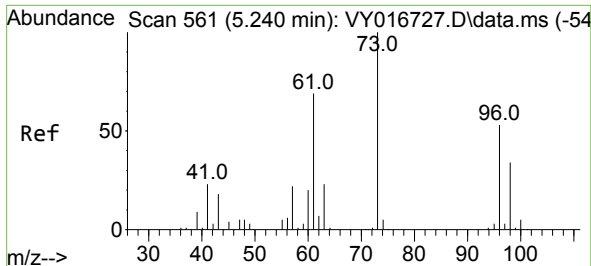
Tgt Ion: 73 Resp: 77009
Ion Ratio Lower Upper
73 100
57 22.7 17.7 26.5



#20
Methylene Chloride
Concen: 20.411 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.025 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion: 84 Resp: 38657
Ion Ratio Lower Upper
84 100
49 121.1 95.2 142.8
51 34.9 29.9 44.9
86 62.3 52.2 78.4

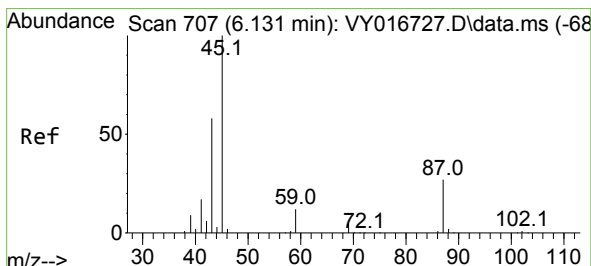
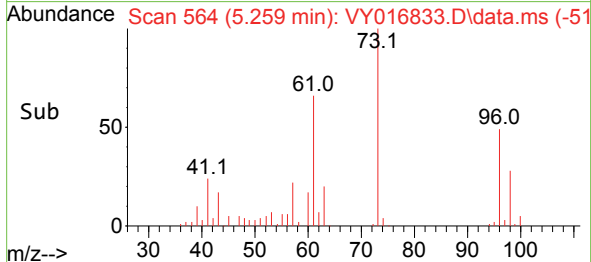
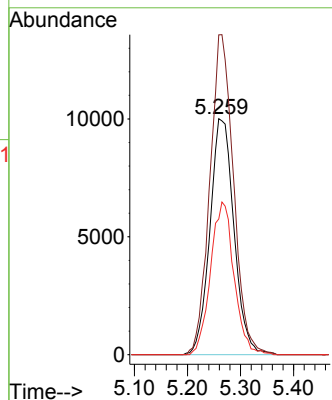
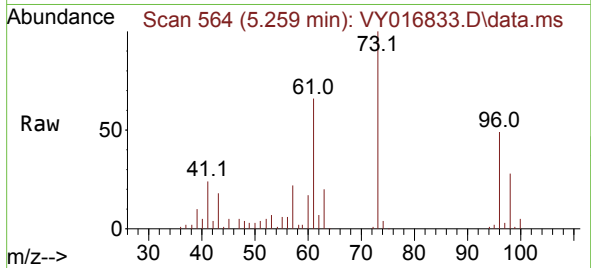




#21
trans-1,2-Dichloroethene
Concen: 21.552 ug/l
RT: 5.259 min Scan# 501
Delta R.T. 0.018 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

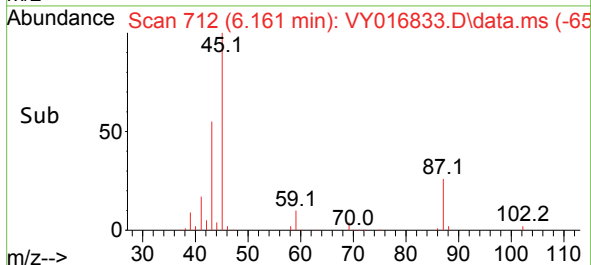
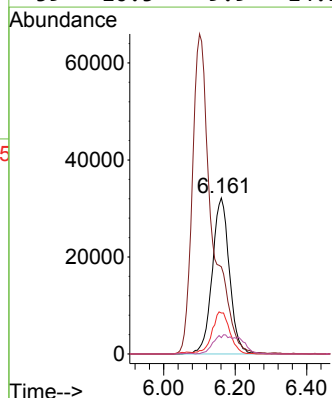
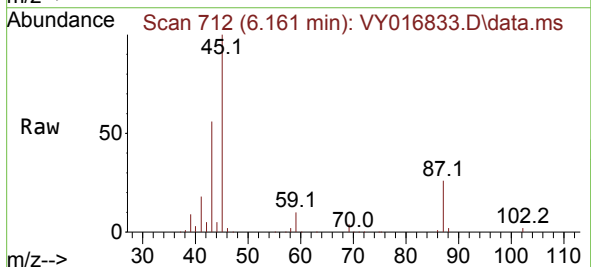
Instrument :
MSVOA_Y
ClientSampleId :

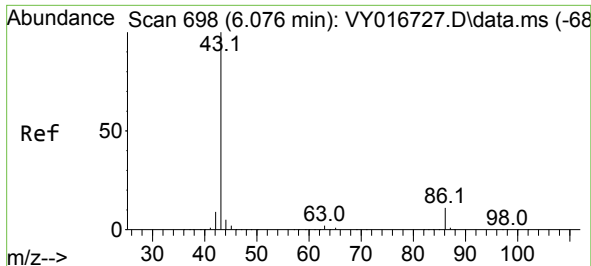
Tgt Ion: 96 Resp: 31547
Ion Ratio Lower Upper
96 100
61 135.5 104.6 156.8
98 57.5 50.9 76.3



#22
Diisopropyl ether
Concen: 24.179 ug/l
RT: 6.161 min Scan# 712
Delta R.T. 0.031 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion: 45 Resp: 107538
Ion Ratio Lower Upper
45 100
43 55.3 46.8 70.2
87 26.3 22.2 33.2
59 10.5 9.9 14.9

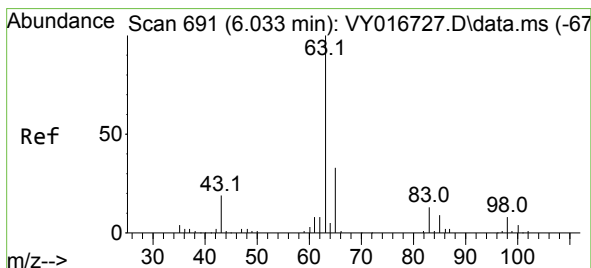
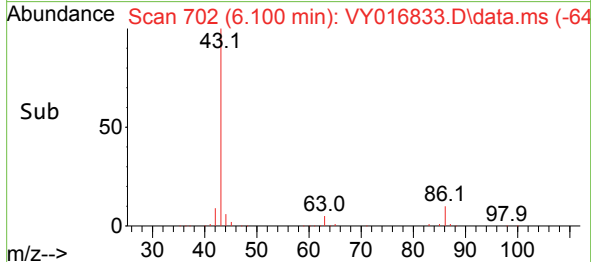
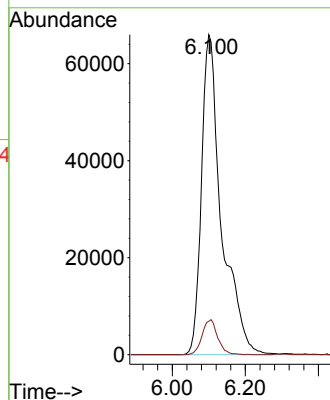
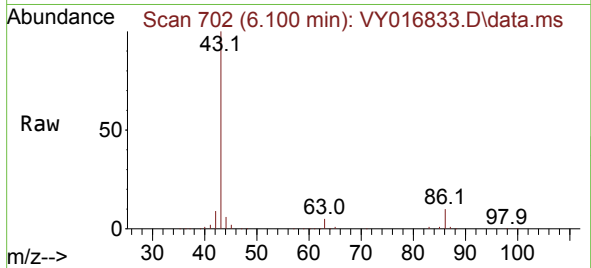




#23
 Vinyl Acetate
 Concen: 119.189 ug/l
 RT: 6.100 min Scan# 702
 Delta R.T. 0.024 min
 Lab File: VY016833.D
 Acq: 23 Dec 2023 02:03

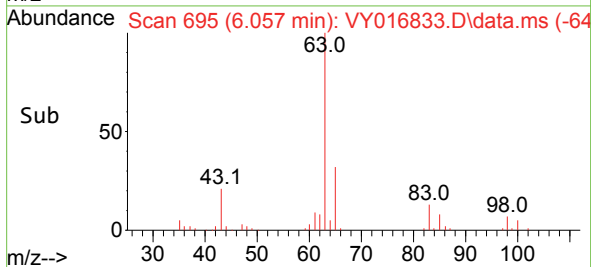
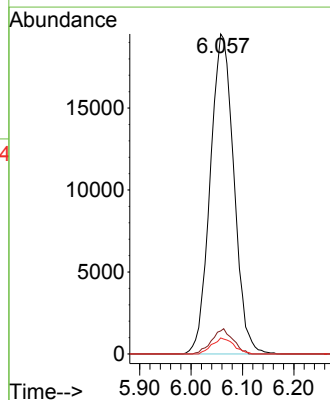
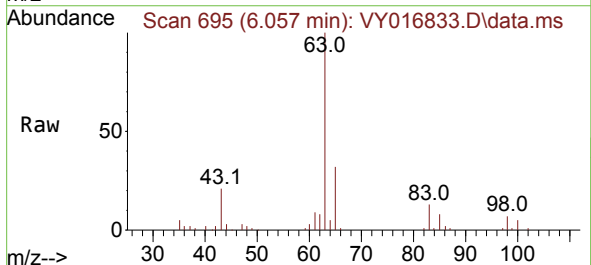
Instrument :
 MSVOA_Y
 ClientSampleId :

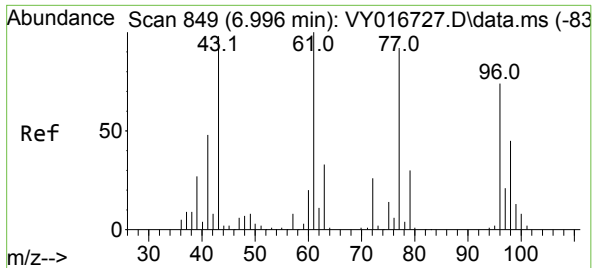
Tgt Ion: 43 Resp: 250711
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 23.341 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.024 min
 Lab File: VY016833.D
 Acq: 23 Dec 2023 02:03

Tgt Ion: 63 Resp: 62359
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.8 11.4
 100 5.0 2.1 6.2

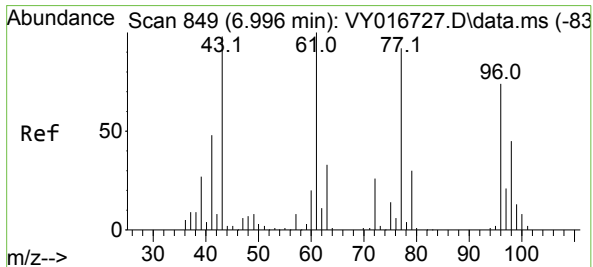
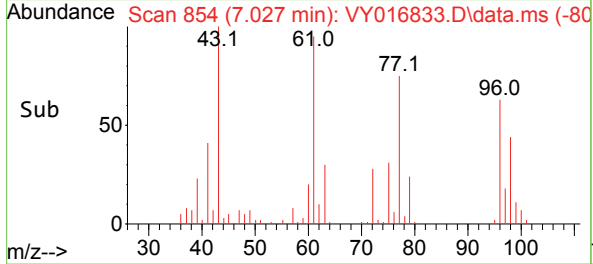
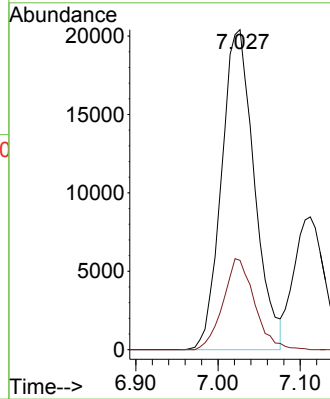
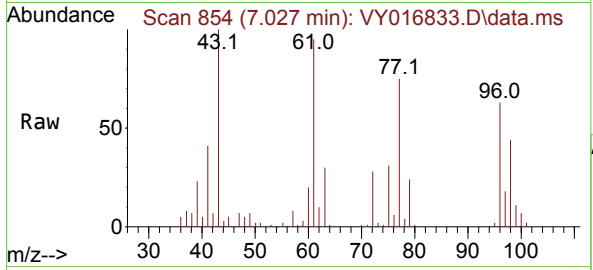




#25
2-Butanone
Concen: 122.953 ug/l
RT: 7.027 min Scan# 854
Delta R.T. 0.031 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

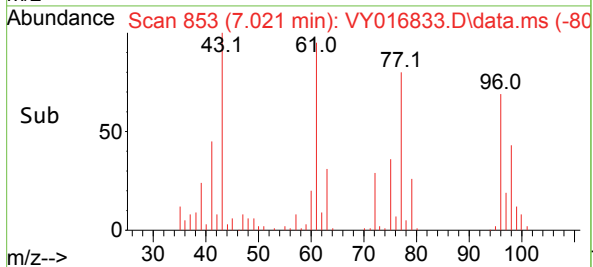
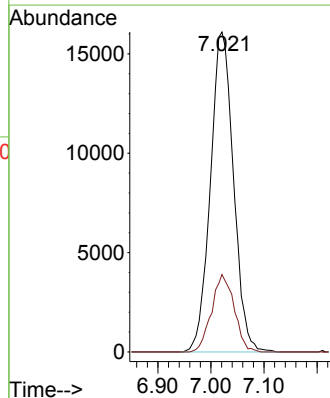
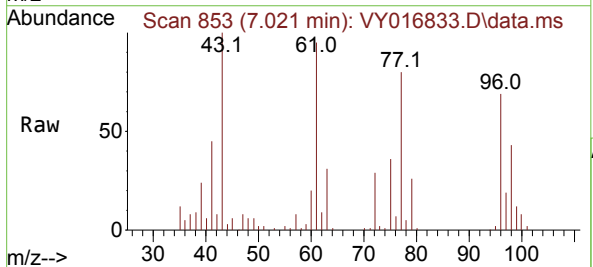
Instrument :
MSVOA_Y
ClientSampleId :

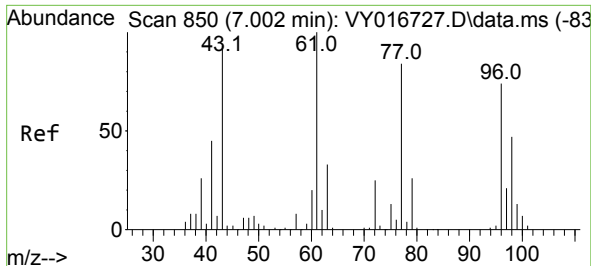
Tgt Ion: 43 Resp: 56813
Ion Ratio Lower Upper
43 100
72 27.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 20.877 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.024 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion: 77 Resp: 48673
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 22.427 ug/l

RT: 7.021 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

ClientSampleId :

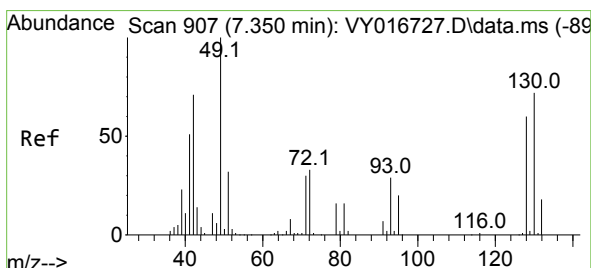
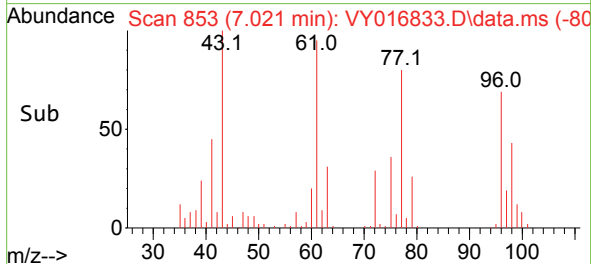
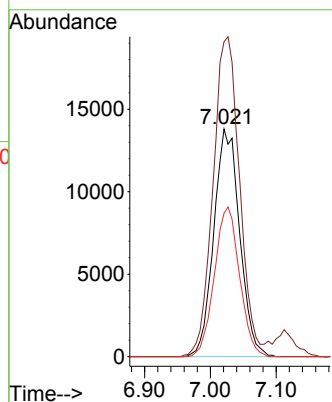
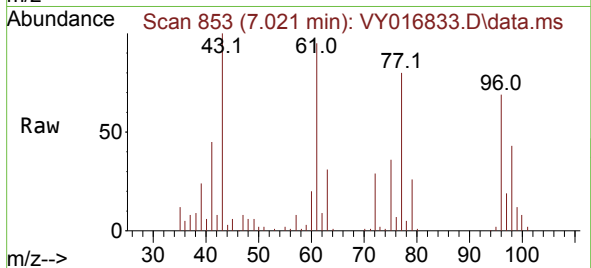
Tgt Ion: 96 Resp: 37782

Ion Ratio Lower Upper

96 100

61 144.3 0.0 278.8

98 64.0 0.0 127.0



#28

Bromochloromethane

Concen: 21.589 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.024 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

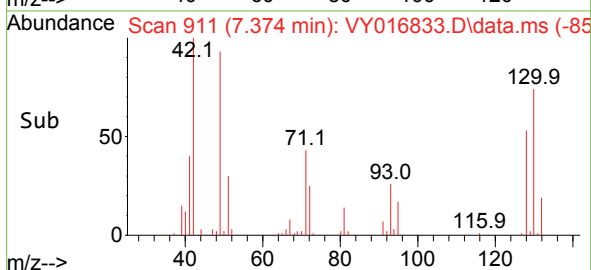
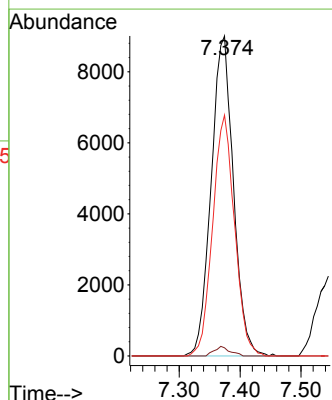
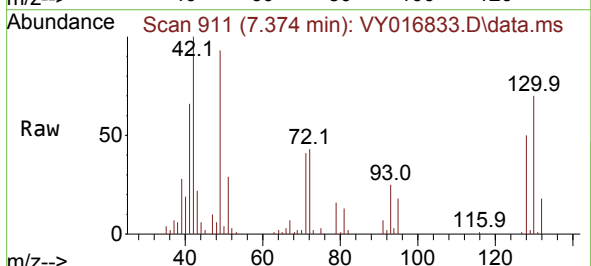
Tgt Ion: 49 Resp: 22829

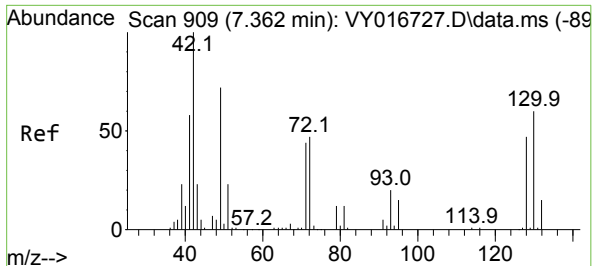
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.8

130 74.1 59.8 89.8





#29

Tetrahydrofuran

Concen: 125.837 ug/l

RT: 7.386 min Scan# 913

Delta R.T. 0.024 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

ClientSampleId :

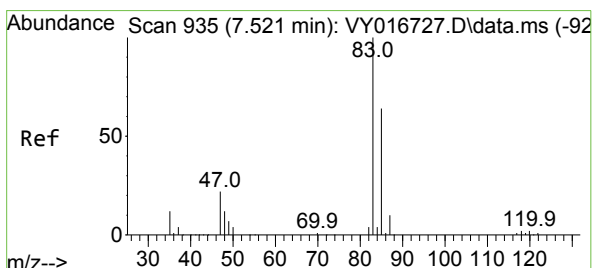
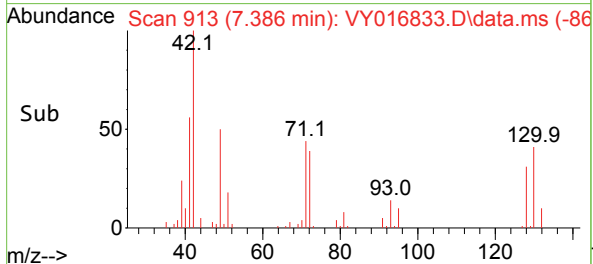
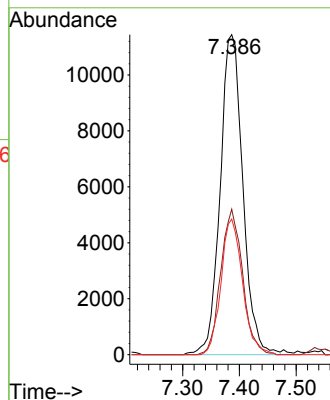
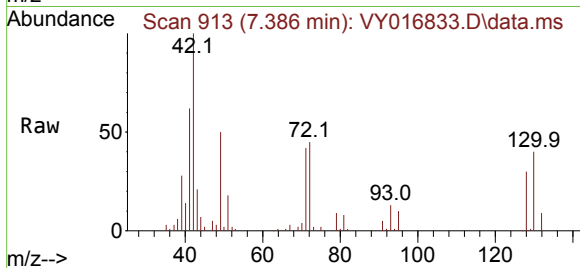
Tgt Ion: 42 Resp: 31794

Ion Ratio Lower Upper

42 100

72 43.9 36.6 54.8

71 40.3 33.8 50.6



#30

Chloroform

Concen: 23.708 ug/l

RT: 7.545 min Scan# 939

Delta R.T. 0.024 min

Lab File: VY016833.D

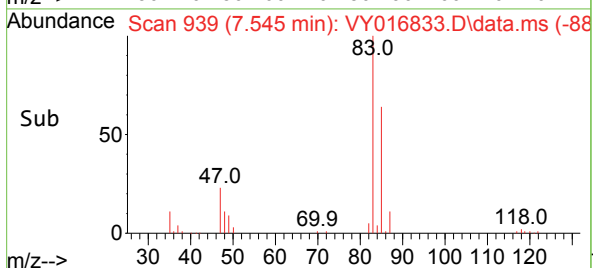
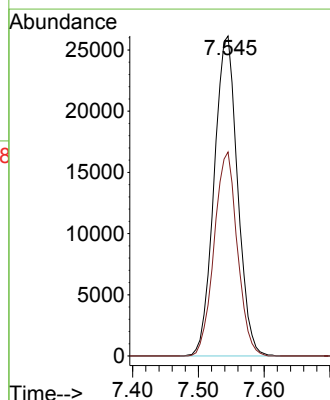
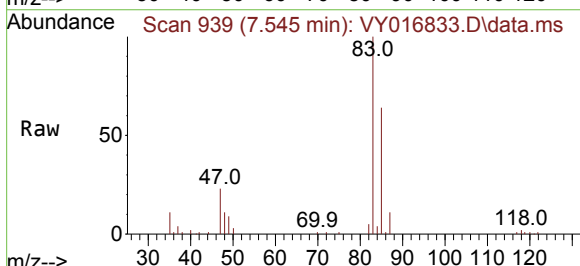
Acq: 23 Dec 2023 02:03

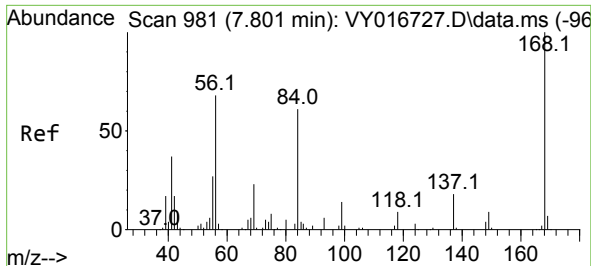
Tgt Ion: 83 Resp: 64842

Ion Ratio Lower Upper

83 100

85 63.8 51.2 76.8

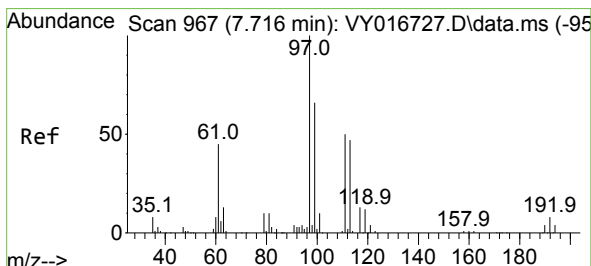
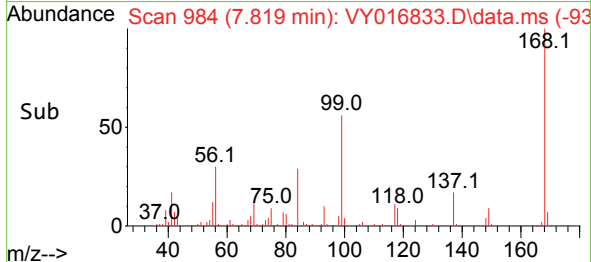
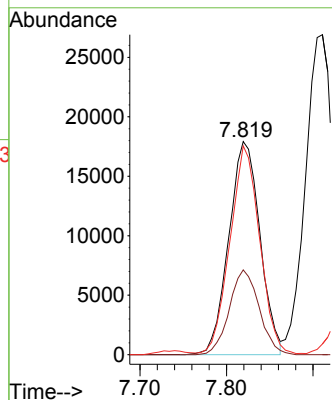
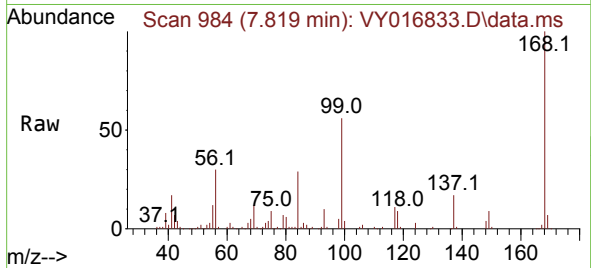




#31
Cyclohexane
Concen: 18.868 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

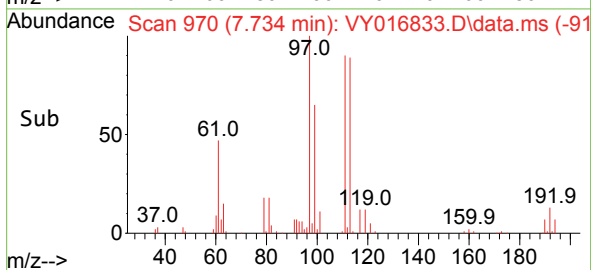
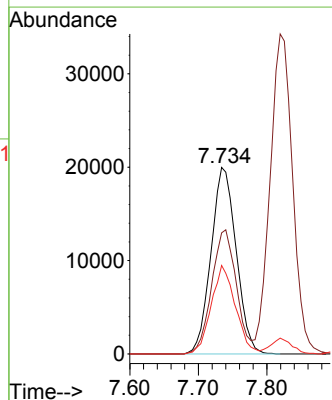
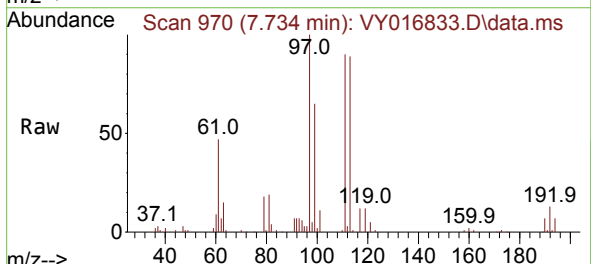
Instrument :
MSVOA_Y
ClientSampleId :

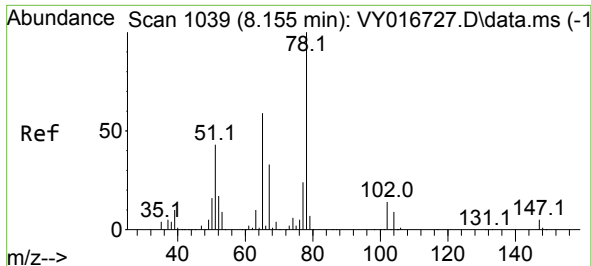
Tgt Ion: 56 Resp: 44867
Ion Ratio Lower Upper
56 100
69 39.8 27.0 40.6
84 96.3 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.218 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion: 97 Resp: 50938
Ion Ratio Lower Upper
97 100
99 65.1 51.2 76.8
61 45.6 35.0 52.6

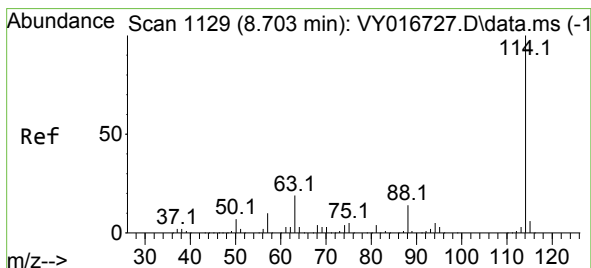
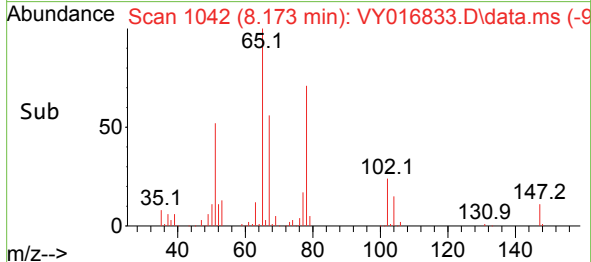
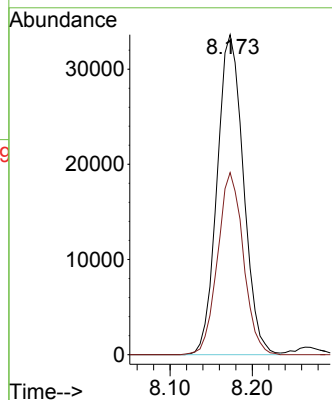
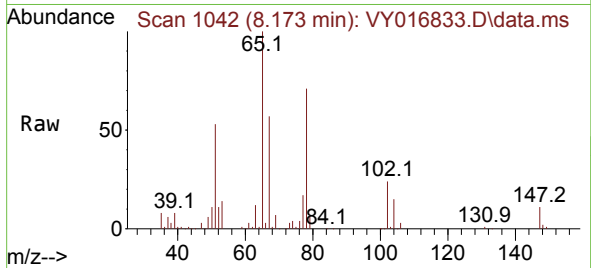




#33
1,2-Dichloroethane-d4
Concen: 60.288 ug/l
RT: 8.173 min Scan# 110
Delta R.T. 0.018 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

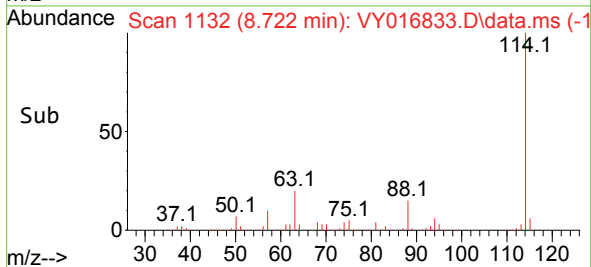
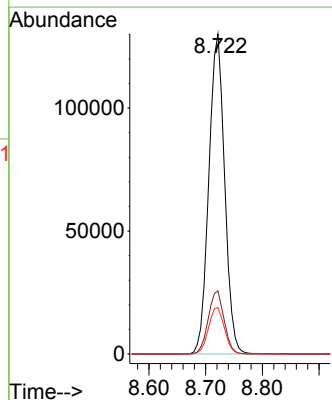
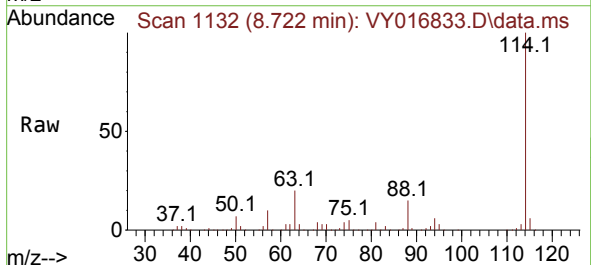
Instrument :
MSVOA_Y
ClientSampleId :

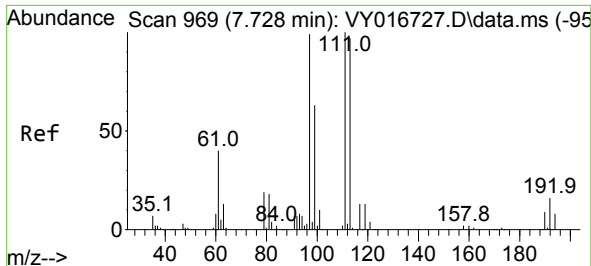
Tgt Ion: 65 Resp: 74824
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1132
Delta R.T. 0.019 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

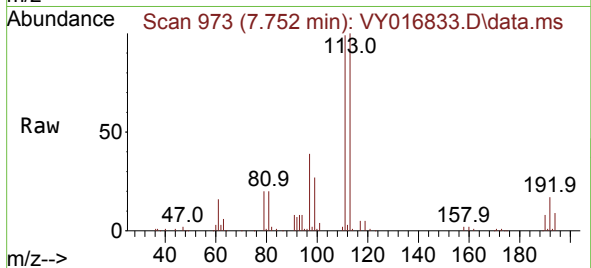
Tgt Ion: 114 Resp: 251819
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 14.5 0.0 29.0



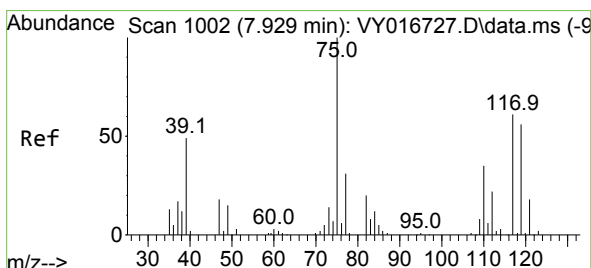
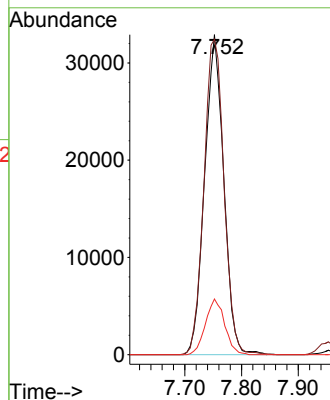
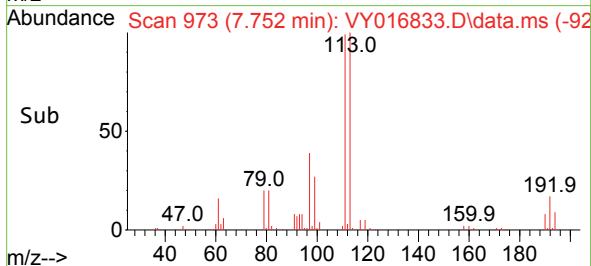


#35
Dibromofluoromethane
Concen: 53.324 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

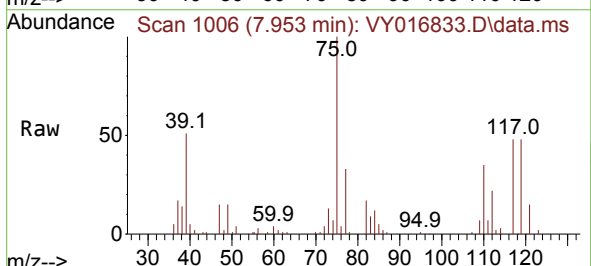
Instrument :
MSVOA_Y
ClientSampleId :



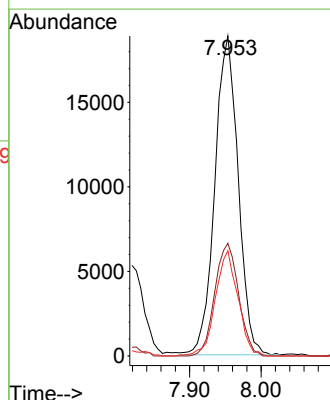
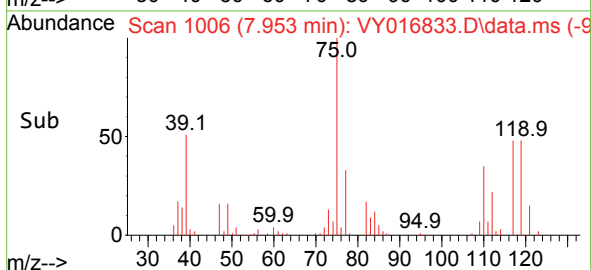
Tgt Ion:113 Resp: 76919
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 17.6 14.5 21.7

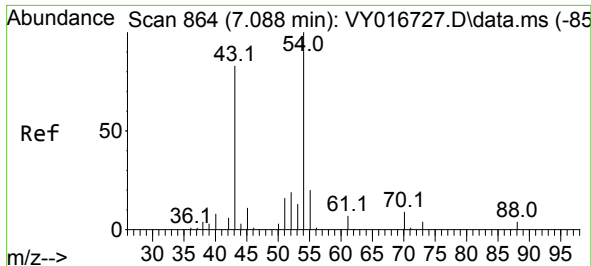


#36
1,1-Dichloropropene
Concen: 18.474 ug/l
RT: 7.953 min Scan# 1006
Delta R.T. 0.024 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03



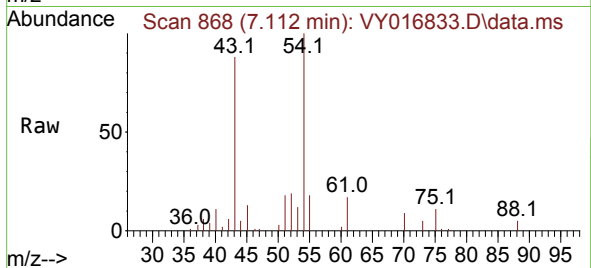
Tgt Ion: 75 Resp: 42721
Ion Ratio Lower Upper
75 100
110 35.9 17.4 52.3
77 32.0 24.7 37.1



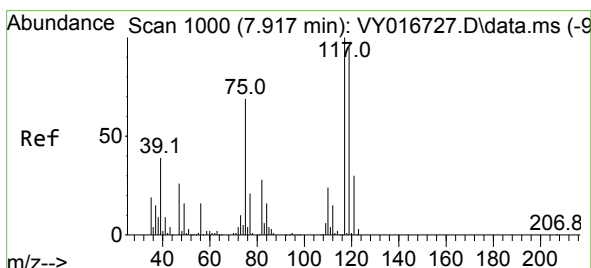
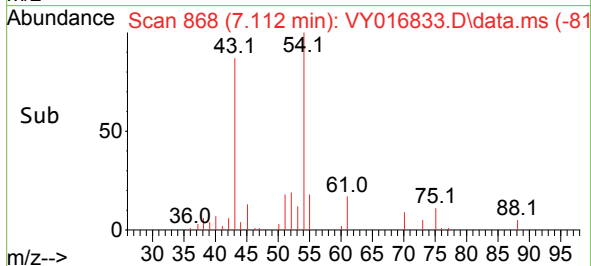
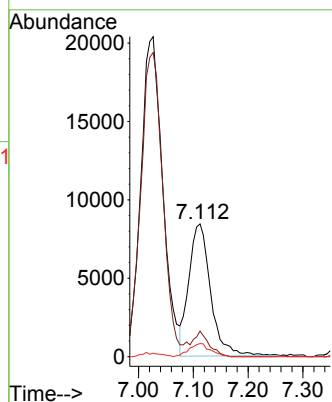


#37
Ethyl Acetate
Concen: 23.539 ug/l
RT: 7.112 min Scan# 80
Delta R.T. 0.024 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Instrument :
MSVOA_Y
ClientSampleId :

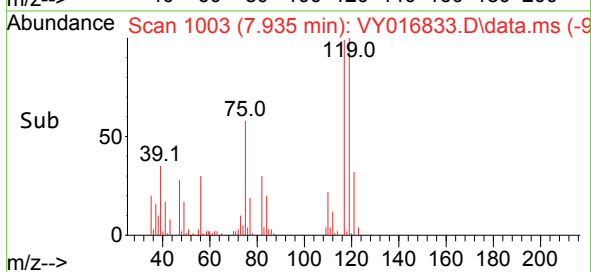
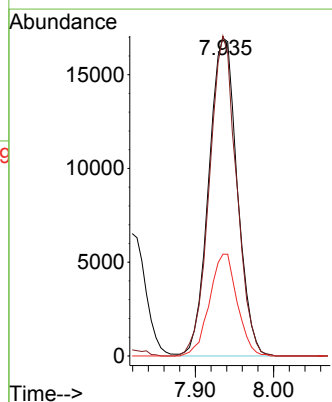
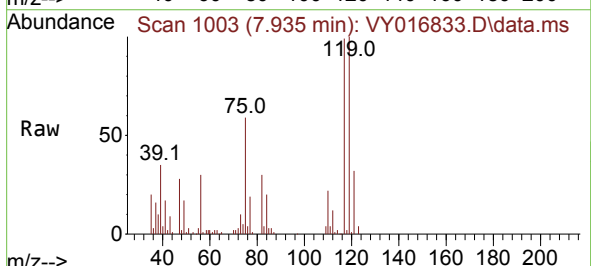


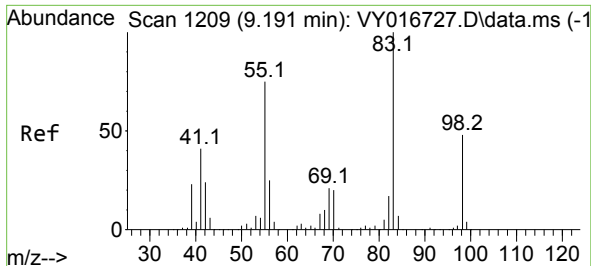
Tgt Ion: 43 Resp: 23332
Ion Ratio Lower Upper
43 100
61 13.1 11.0 16.6
70 9.7 8.1 12.1



#38
Carbon Tetrachloride
Concen: 18.679 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion: 117 Resp: 42745
Ion Ratio Lower Upper
117 100
119 100.7 76.0 114.0
121 32.0 24.2 36.2





#39

Methylcyclohexane

Concen: 17.010 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.024 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

ClientSampleId :

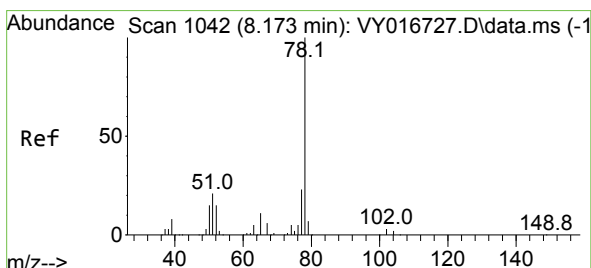
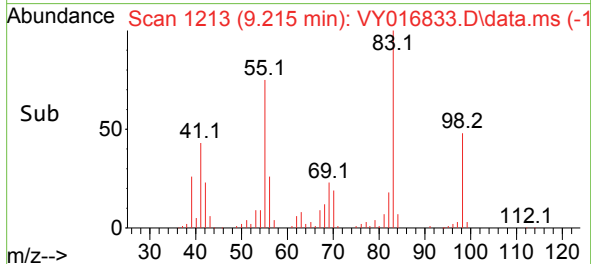
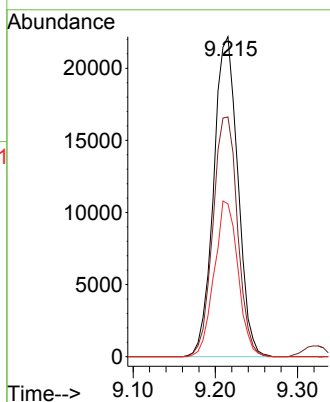
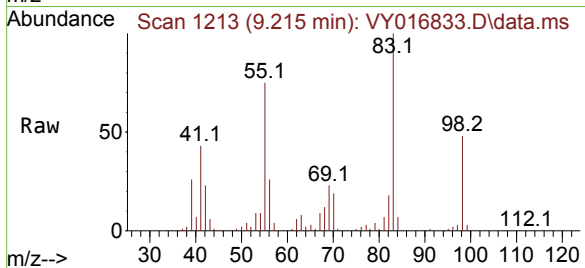
Tgt Ion: 83 Resp: 45416

Ion Ratio Lower Upper

83 100

55 74.9 59.7 89.5

98 47.8 38.0 57.0



#40

Benzene

Concen: 20.533 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.018 min

Lab File: VY016833.D

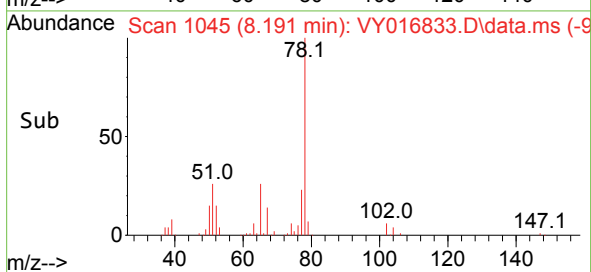
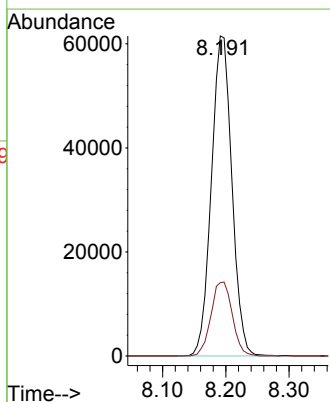
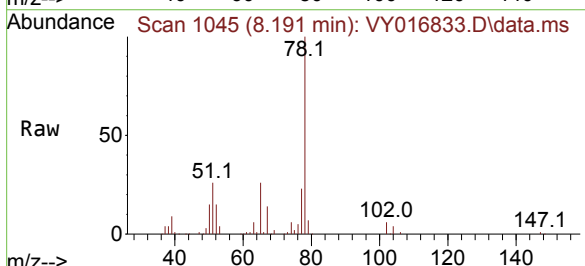
Acq: 23 Dec 2023 02:03

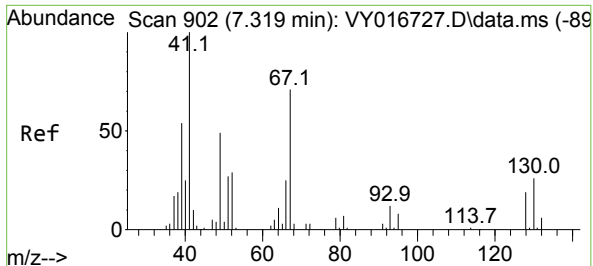
Tgt Ion: 78 Resp: 138175

Ion Ratio Lower Upper

78 100

77 22.9 18.8 28.2

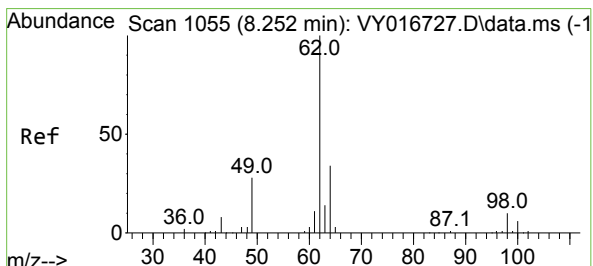
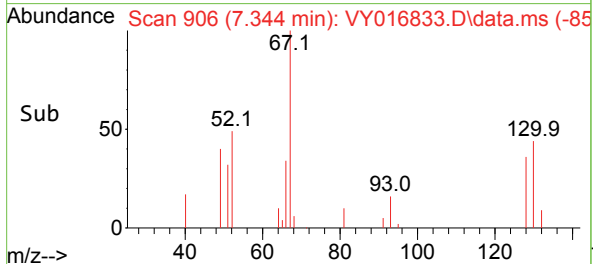
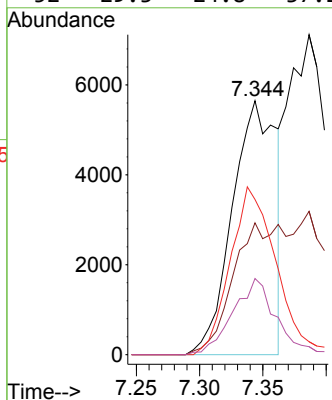
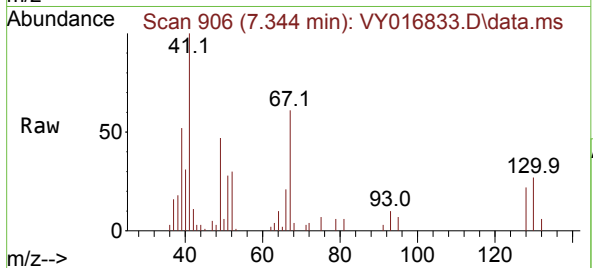




#41
Methacrylonitrile
Concen: 25.920 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.024 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

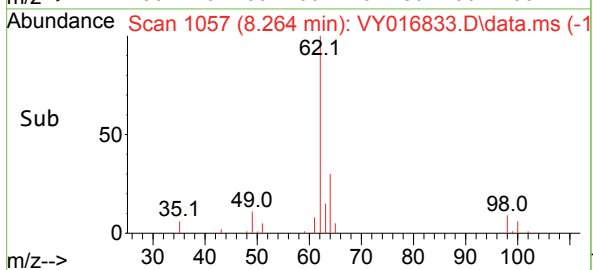
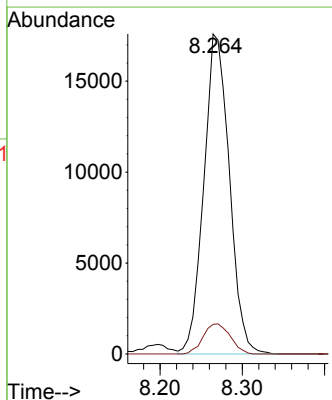
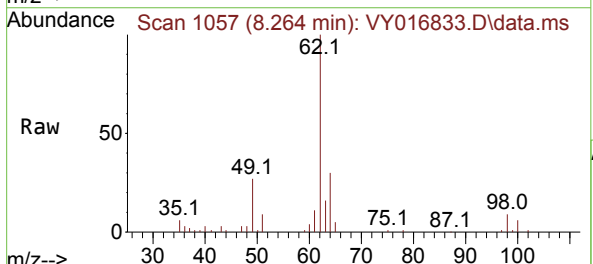
Instrument :
MSVOA_Y
ClientSampleId :

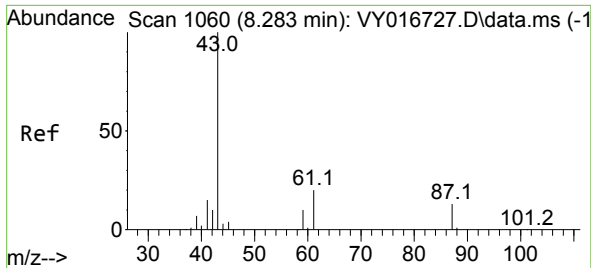
Tgt Ion:	41	Resp:	13641
Ion	Ratio	Lower	Upper
41	100		
39	37.8	41.9	62.9#
67	69.4	59.8	89.6
52	29.3	24.8	37.2



#42
1,2-Dichloroethane
Concen: 21.633 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion:	62	Resp:	37980
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2

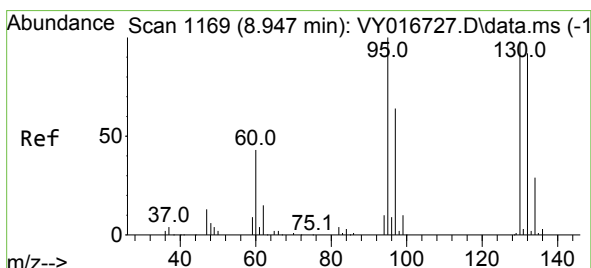
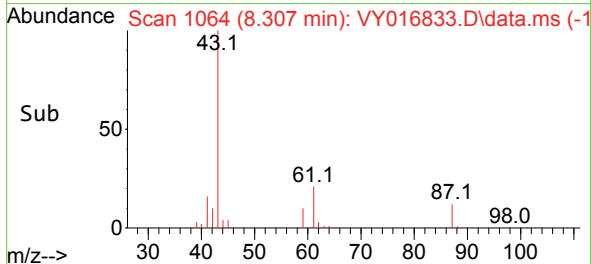
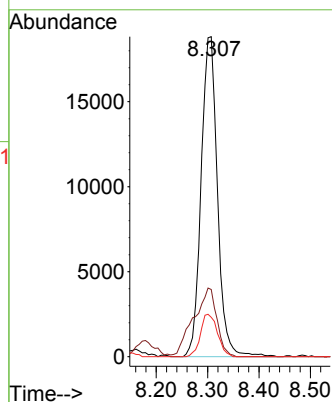
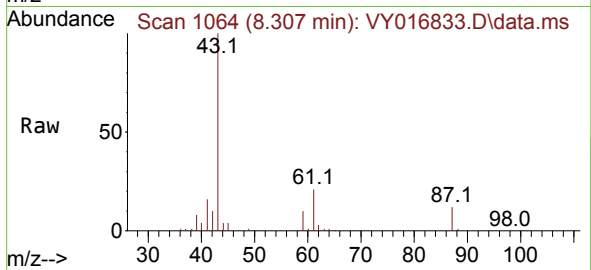




#43
Isopropyl Acetate
Concen: 21.547 ug/l
RT: 8.307 min Scan# 1173
Delta R.T. 0.024 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

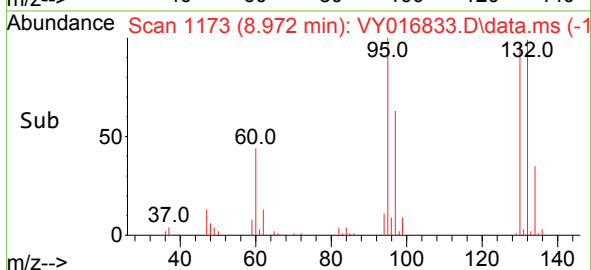
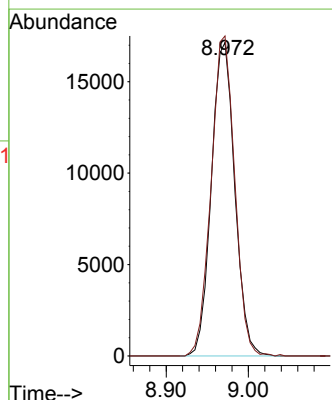
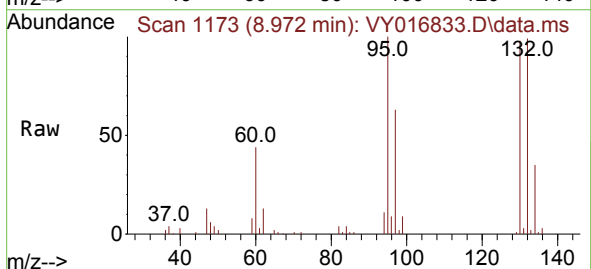
Instrument :
MSVOA_Y
ClientSampleId :

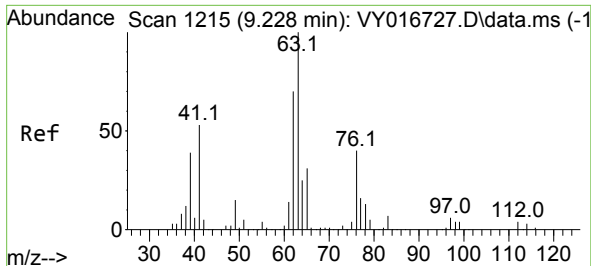
Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.5	24.8	37.2
87	13.8	10.7	16.1



#44
Trichloroethene
Concen: 19.707 ug/l
RT: 8.972 min Scan# 1173
Delta R.T. 0.024 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	203.8

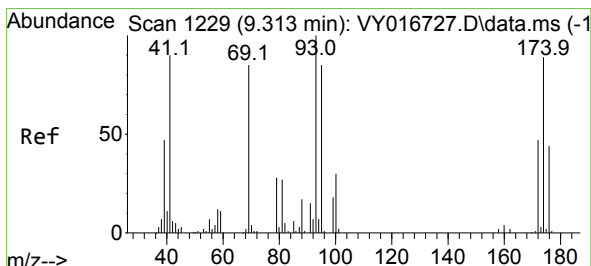
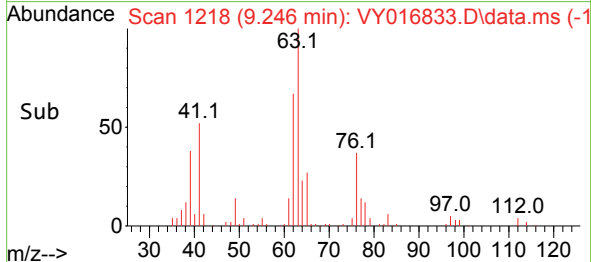
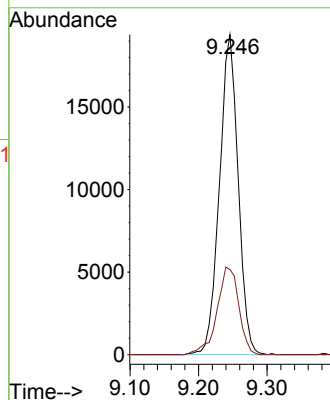
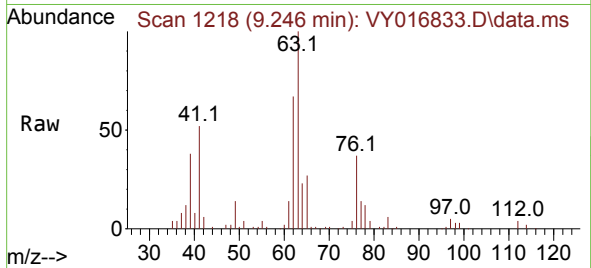




#45
1,2-Dichloropropane
Concen: 21.713 ug/l
RT: 9.246 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

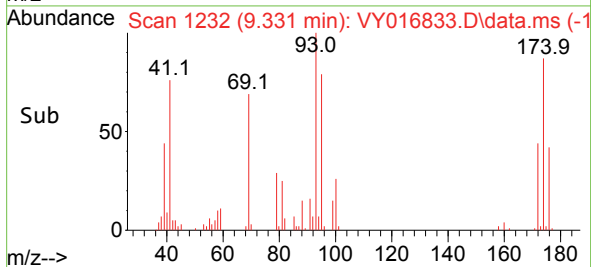
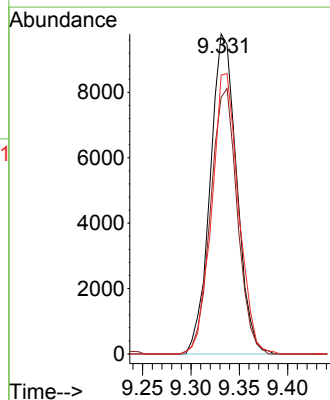
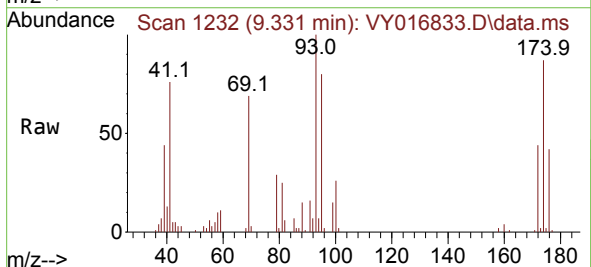
Instrument :
MSVOA_Y
ClientSampleId :

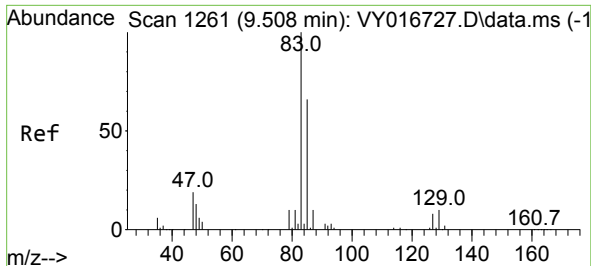
Tgt Ion: 63 Resp: 36654
Ion Ratio Lower Upper
63 100
65 26.6 24.6 36.8



#46
Dibromomethane
Concen: 21.379 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.018 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion: 93 Resp: 18644
Ion Ratio Lower Upper
93 100
95 83.3 66.6 99.8
174 88.8 73.8 110.6

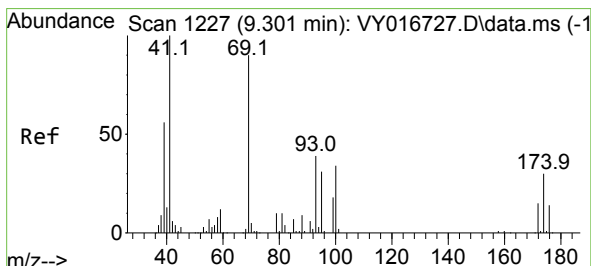
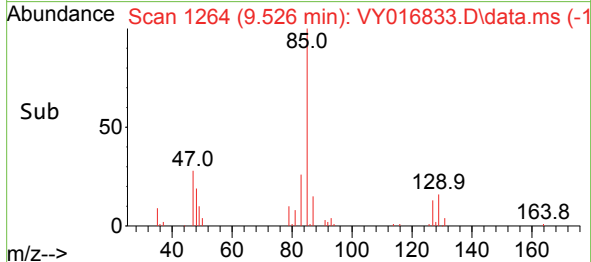
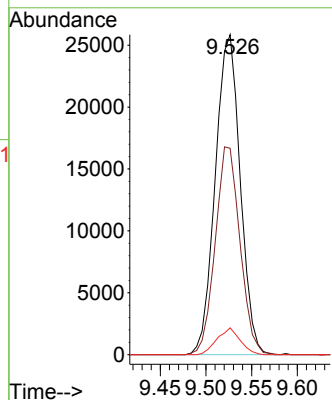
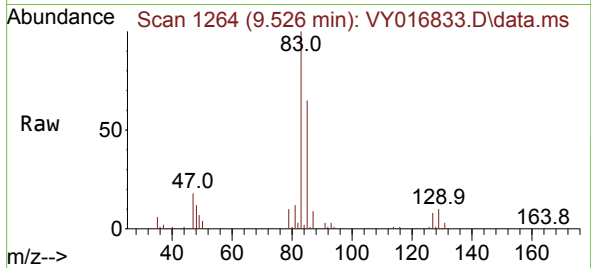




#47
Bromodichloromethane
Concen: 21.319 ug/l
RT: 9.526 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

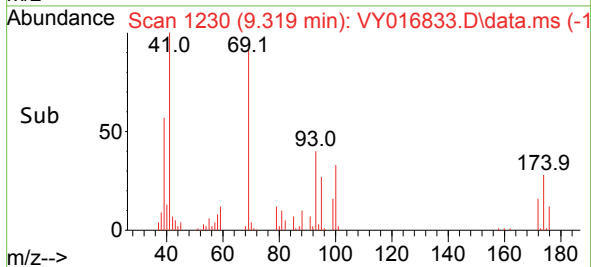
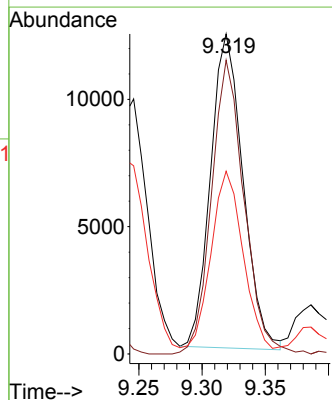
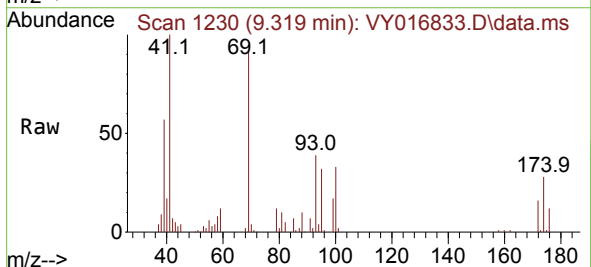
Instrument :
MSVOA_Y
ClientSampleId :

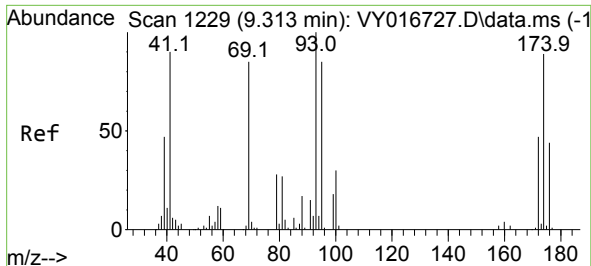
Tgt Ion: 83 Resp: 49002
Ion Ratio Lower Upper
83 100
85 64.5 53.2 79.8
127 8.4 6.4 9.6



#48
Methyl methacrylate
Concen: 20.555 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.018 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion: 41 Resp: 21992
Ion Ratio Lower Upper
41 100
69 93.9 72.1 108.1
39 58.3 42.8 64.2





#49

1,4-Dioxane

Concen: 453.794 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

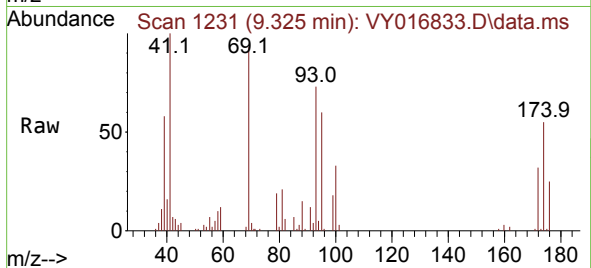
Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

ClientSampleId :



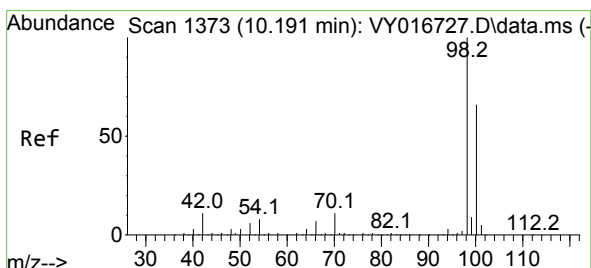
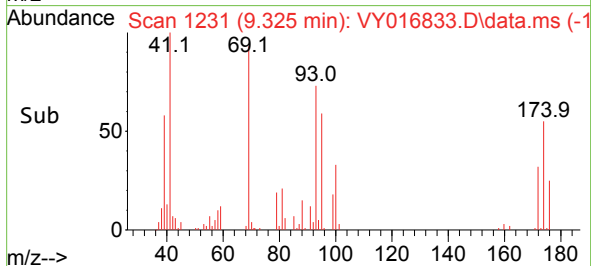
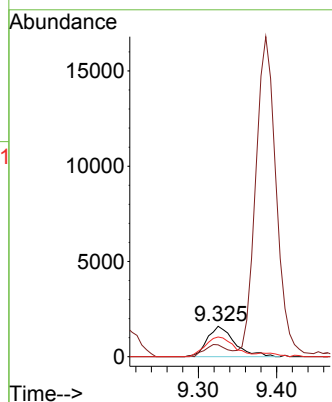
Tgt Ion: 88 Resp: 3841

Ion Ratio Lower Upper

88 100

43 33.3 28.2 42.4

58 68.1 52.2 78.2



#50

Toluene-d8

Concen: 53.101 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016833.D

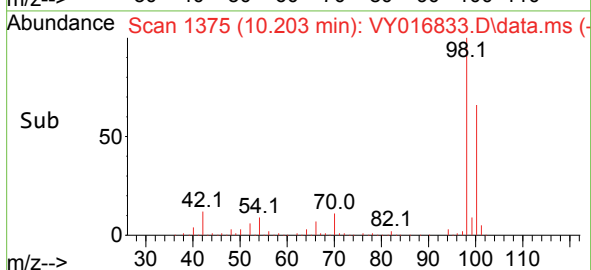
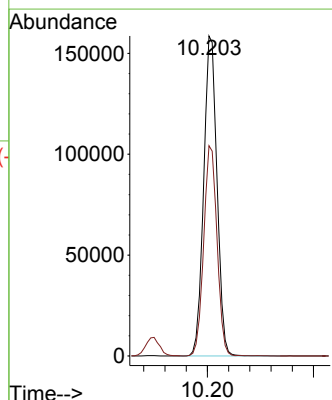
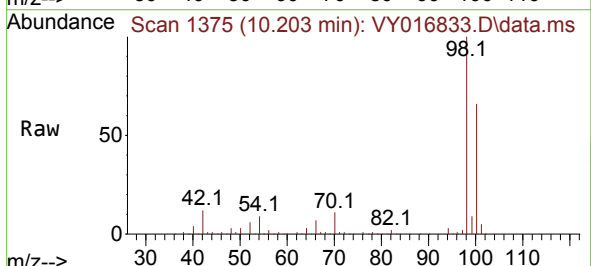
Acq: 23 Dec 2023 02:03

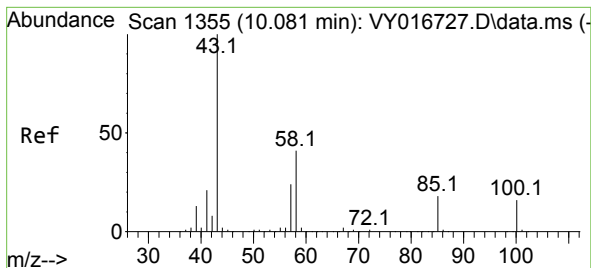
Tgt Ion: 98 Resp: 276123

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5

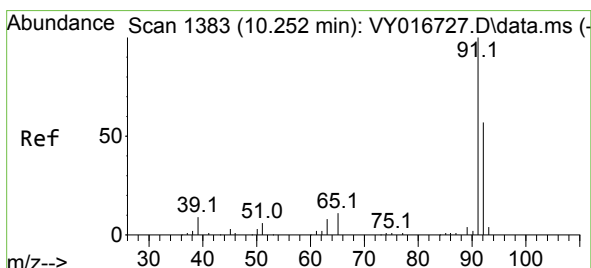
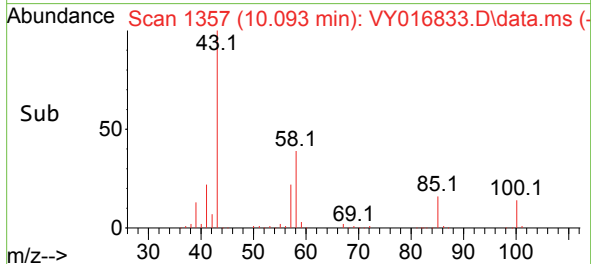
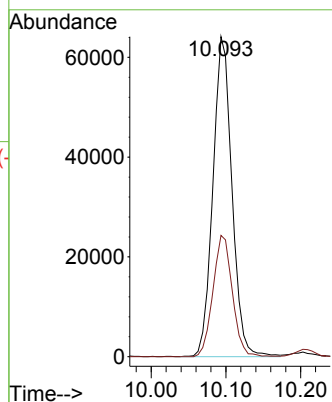
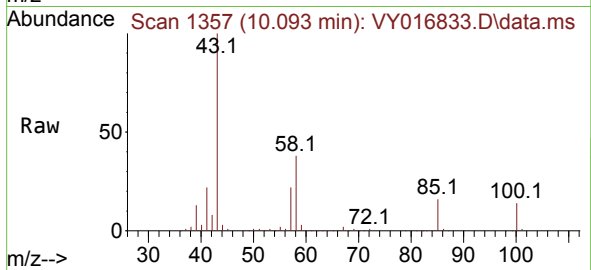




#51
4-Methyl-2-Pentanone
Concen: 110.941 ug/l
RT: 10.093 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

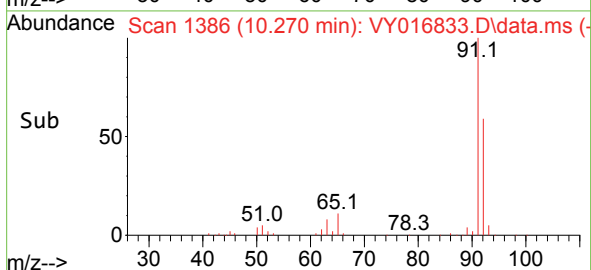
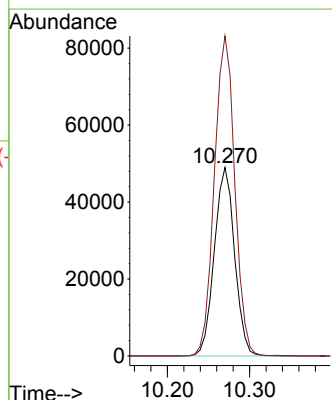
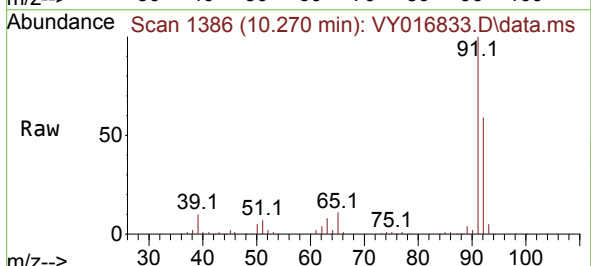
Instrument :
MSVOA_Y
ClientSampleId :

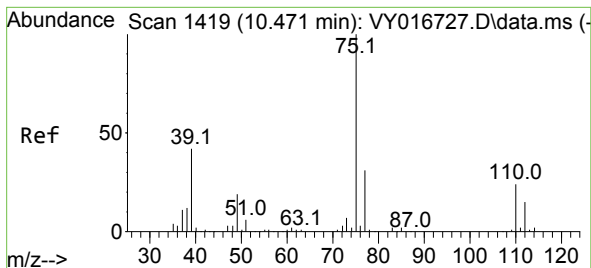
Tgt Ion: 43 Resp: 113796
Ion Ratio Lower Upper
43 100
58 38.6 32.2 48.2



#52
Toluene
Concen: 20.794 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion: 92 Resp: 83859
Ion Ratio Lower Upper
92 100
91 171.0 137.6 206.4

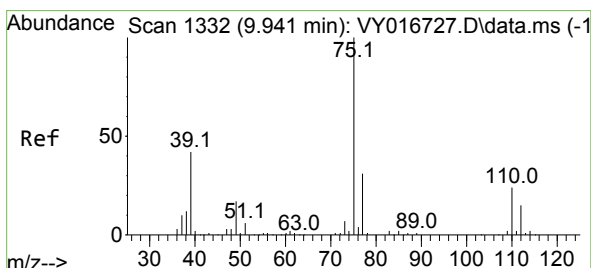
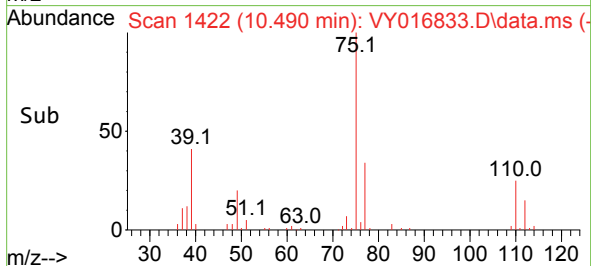
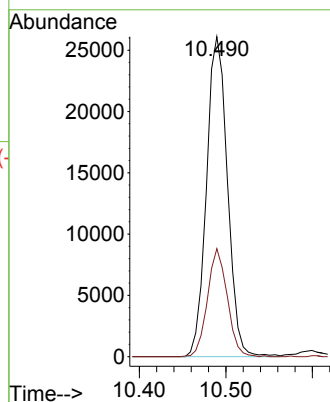
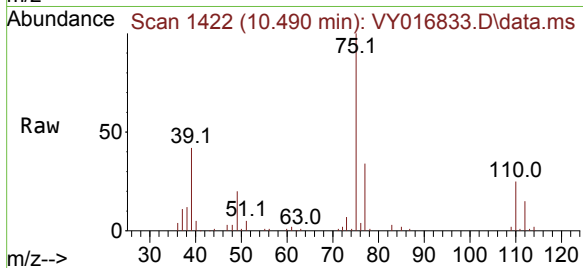




#53
 t-1,3-Dichloropropene
 Concen: 20.927 ug/l
 RT: 10.490 min Scan# 1419
 Delta R.T. 0.019 min
 Lab File: VY016833.D
 Acq: 23 Dec 2023 02:03

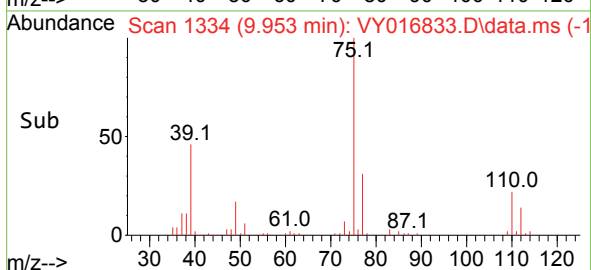
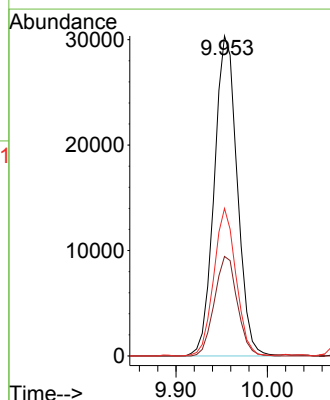
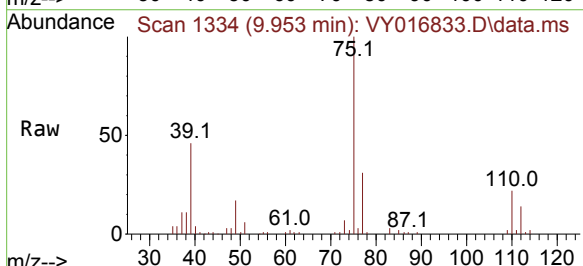
Instrument :
 MSVOA_Y
 ClientSampleId :

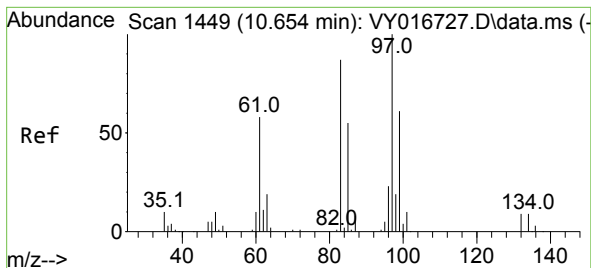
Tgt Ion: 75 Resp: 43859
 Ion Ratio Lower Upper
 75 100
 77 33.8 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 20.972 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.012 min
 Lab File: VY016833.D
 Acq: 23 Dec 2023 02:03

Tgt Ion: 75 Resp: 53019
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 36.8
 39 46.1 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 22.202 ug/l

RT: 10.666 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 27624

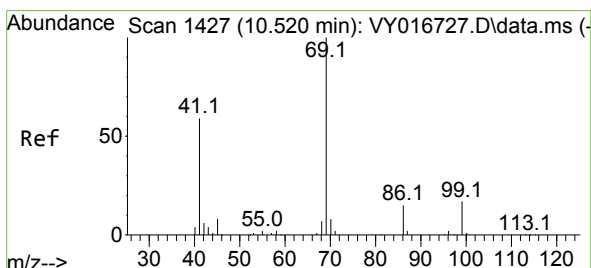
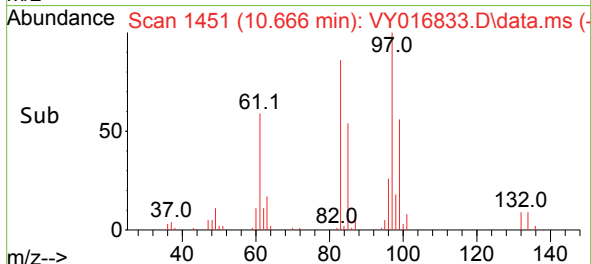
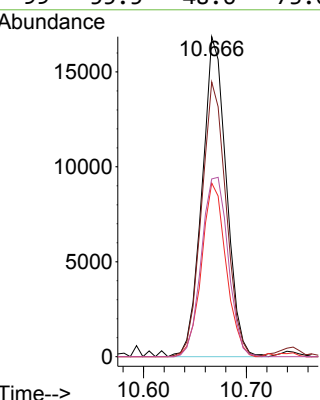
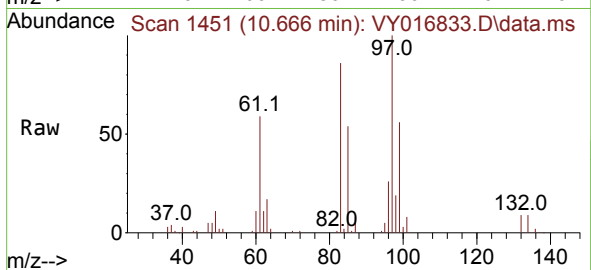
Ion Ratio Lower Upper

97 100

83 85.9 69.4 104.2

85 54.2 43.9 65.9

99 55.5 48.6 73.0



#56

Ethyl methacrylate

Concen: 21.216 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

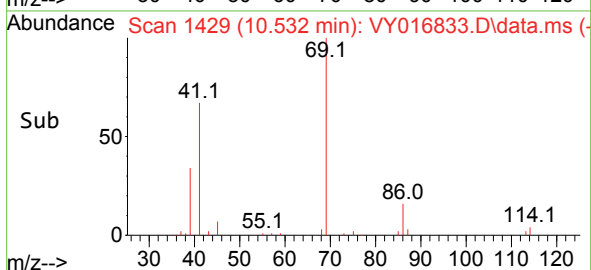
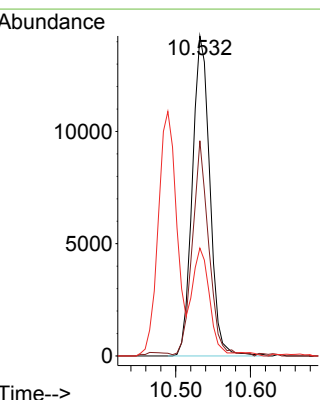
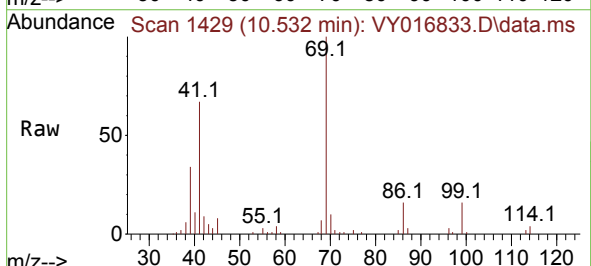
Tgt Ion: 69 Resp: 23212

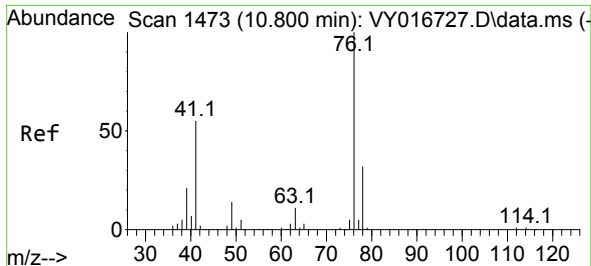
Ion Ratio Lower Upper

69 100

41 63.4 49.2 73.8

39 31.3 26.8 40.2





#57

1,3-Dichloropropane

Concen: 21.890 ug/l

RT: 10.813 min Scan# 1473

Delta R.T. 0.013 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

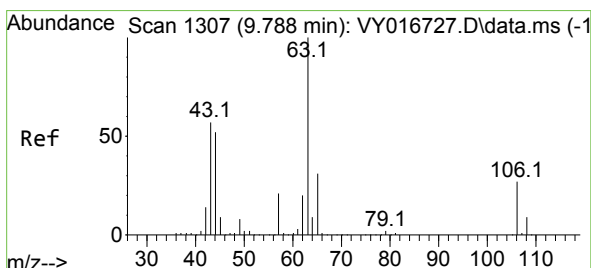
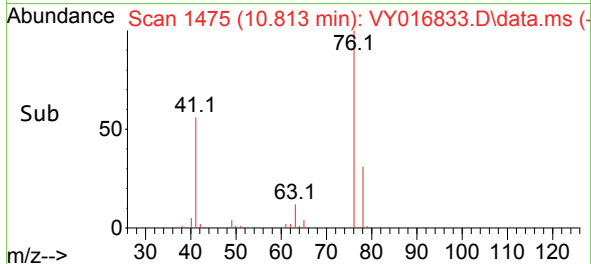
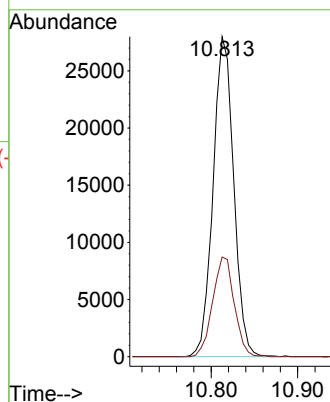
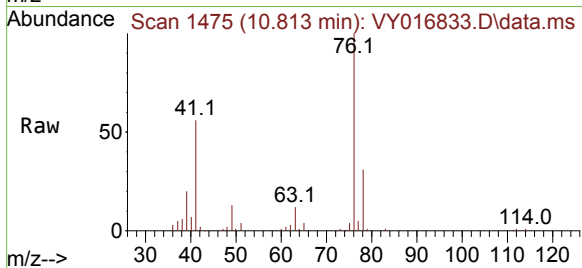
ClientSampleId :

Tgt Ion: 76 Resp: 46261

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 98.131 ug/l

RT: 9.807 min Scan# 1310

Delta R.T. 0.019 min

Lab File: VY016833.D

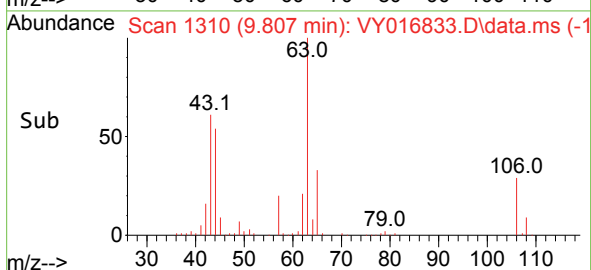
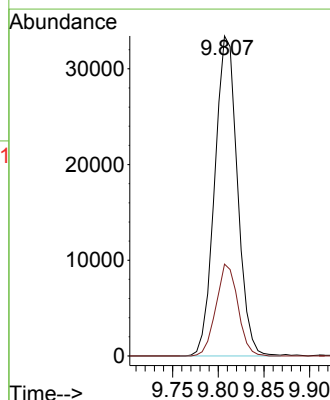
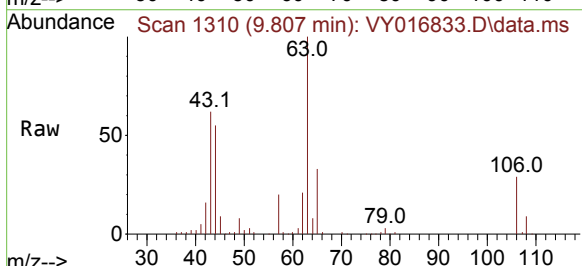
Acq: 23 Dec 2023 02:03

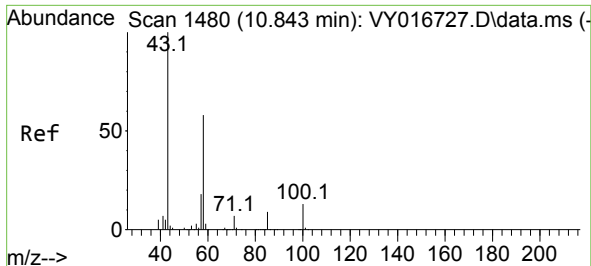
Tgt Ion: 63 Resp: 57757

Ion Ratio Lower Upper

63 100

106 27.6 22.4 33.6

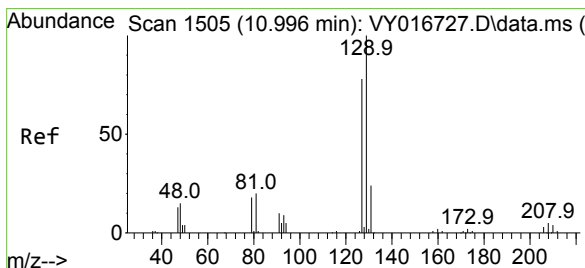
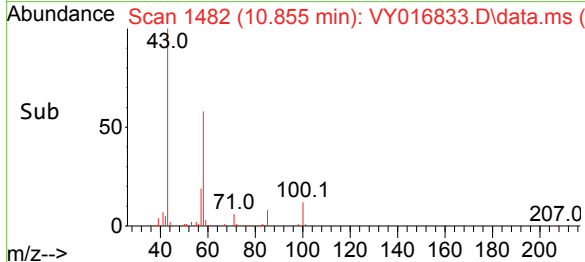
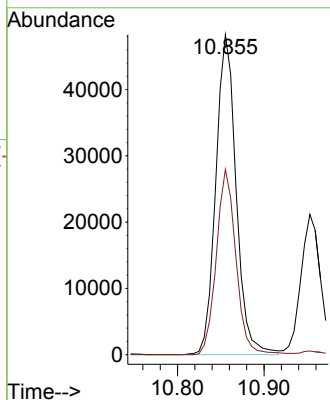
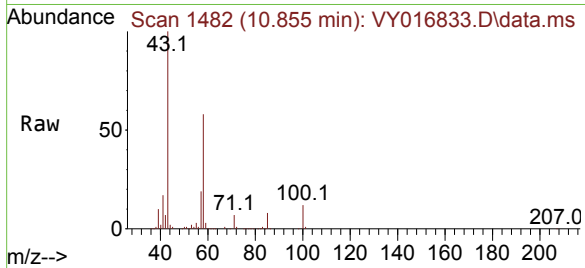




#59
2-Hexanone
Concen: 102.953 ug/l
RT: 10.855 min Scan# 1482
Delta R.T. 0.012 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

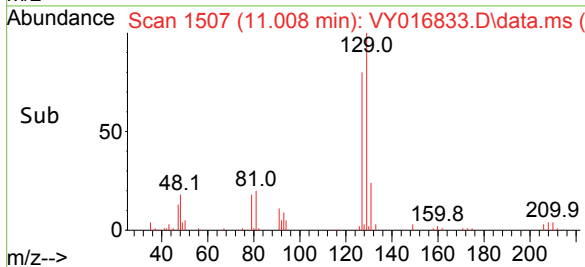
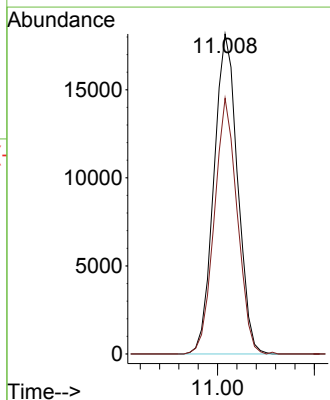
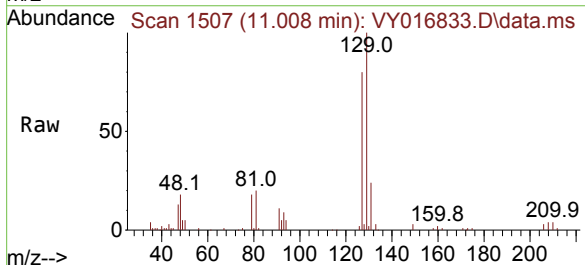
Instrument :
MSVOA_Y
ClientSampleId :

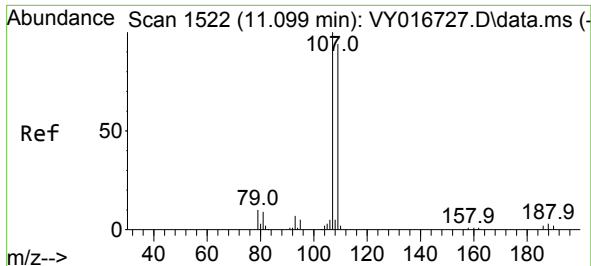
Tgt Ion: 43 Resp: 78743
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3



#60
Dibromochloromethane
Concen: 21.414 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion:129 Resp: 30822
Ion Ratio Lower Upper
129 100
127 77.4 39.2 117.6

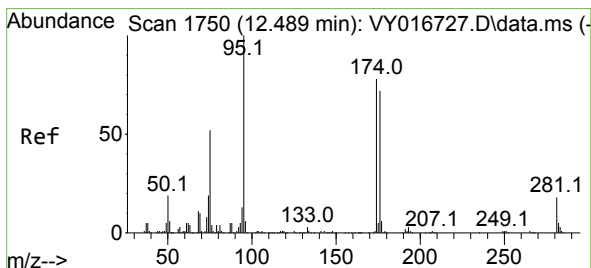
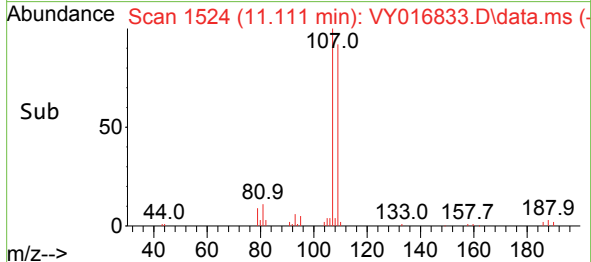
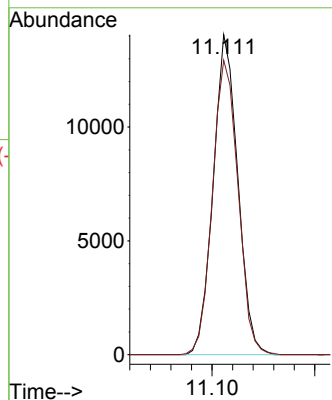
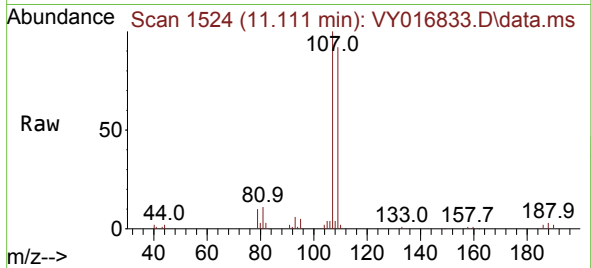




#61
1,2-Dibromoethane
Concen: 20.891 ug/l
RT: 11.111 min Scan# 1524
Delta R.T. 0.012 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

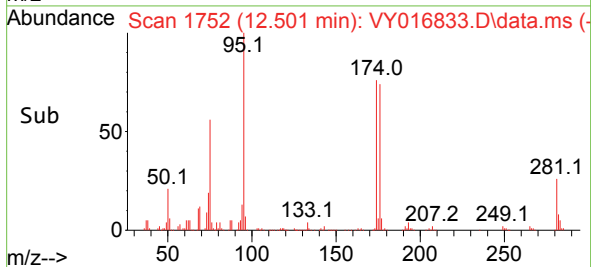
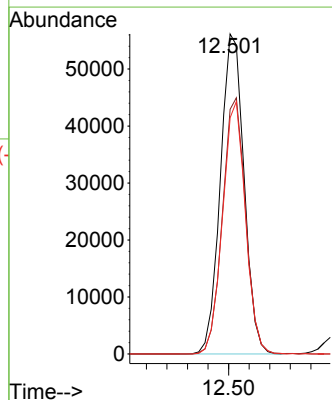
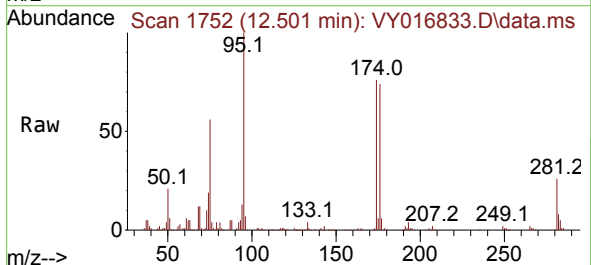
Instrument :
MSVOA_Y
ClientSampleId :

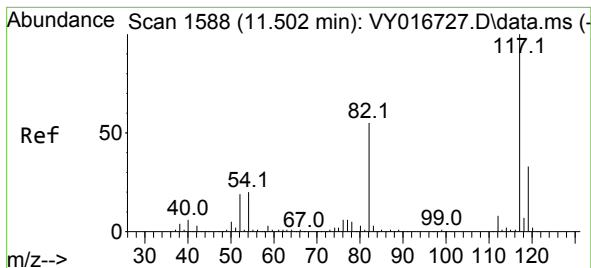
Tgt Ion:107 Resp: 23311
Ion Ratio Lower Upper
107 100
109 95.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 52.973 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion: 95 Resp: 89367
Ion Ratio Lower Upper
95 100
174 78.6 0.0 160.0
176 76.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

ClientSampleId :

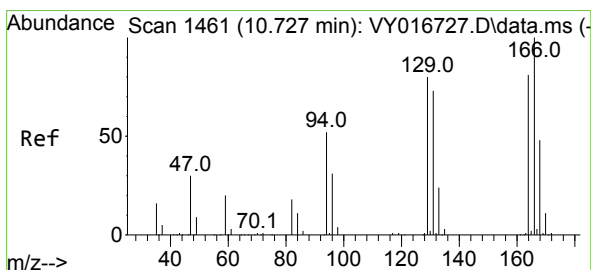
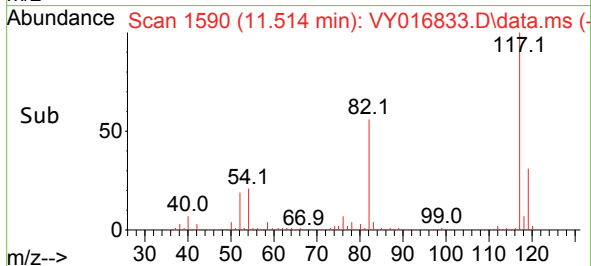
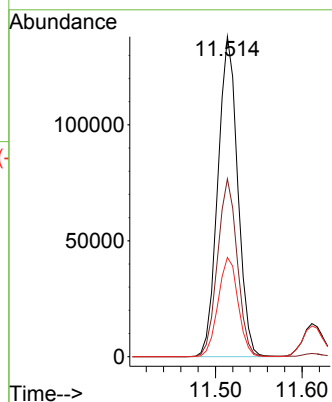
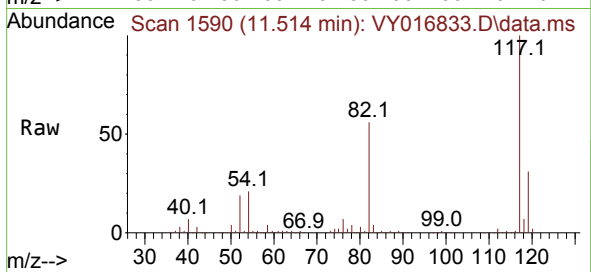
Tgt Ion:117 Resp: 219803

Ion Ratio Lower Upper

117 100

82 55.5 43.8 65.8

119 31.0 26.5 39.7



#64

Tetrachloroethene

Concen: 19.855 ug/l

RT: 10.746 min Scan# 1464

Delta R.T. 0.018 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Tgt Ion:164 Resp: 27110

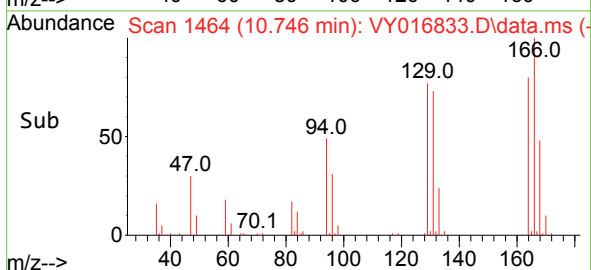
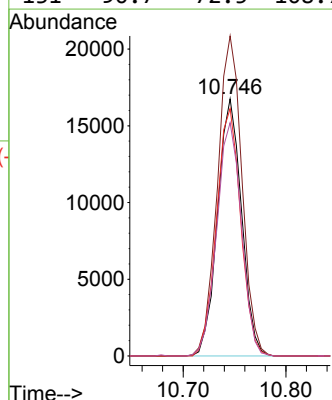
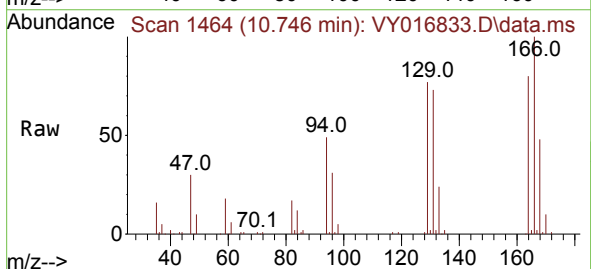
Ion Ratio Lower Upper

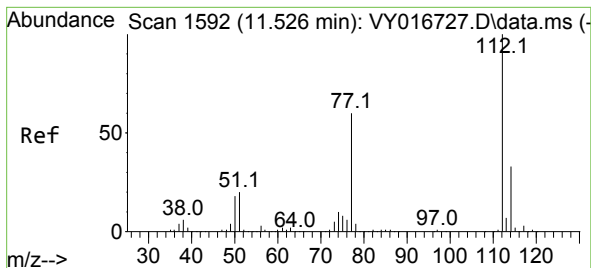
164 100

166 124.4 98.8 148.2

129 96.2 78.9 118.3

131 90.7 72.5 108.7





#65

Chlorobenzene

Concen: 20.448 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

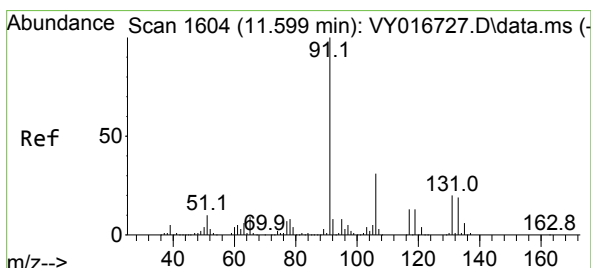
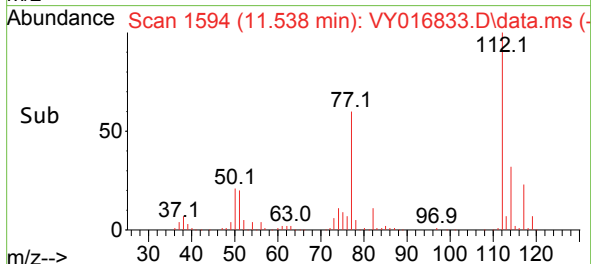
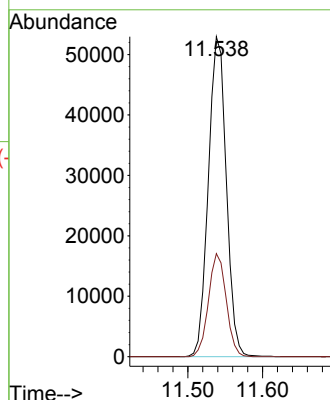
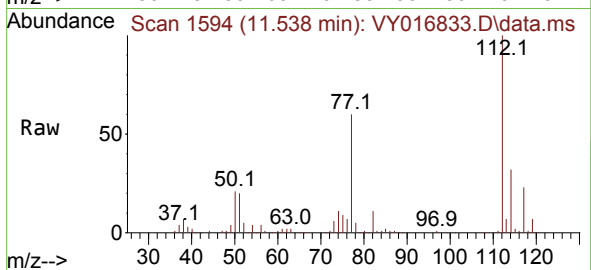
ClientSampleId :

Tgt Ion:112 Resp: 88306

Ion Ratio Lower Upper

112 100

114 32.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.924 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

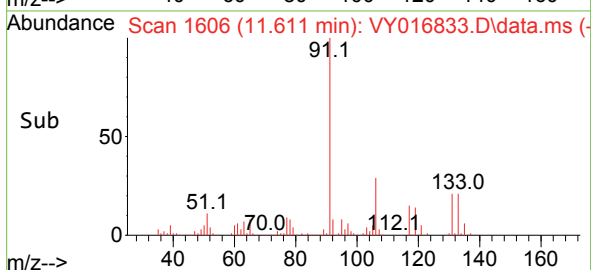
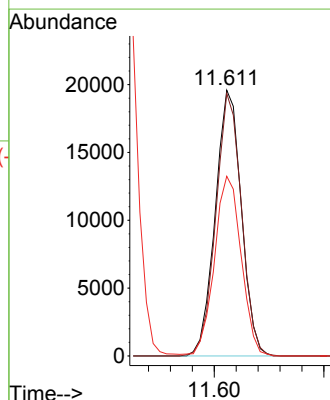
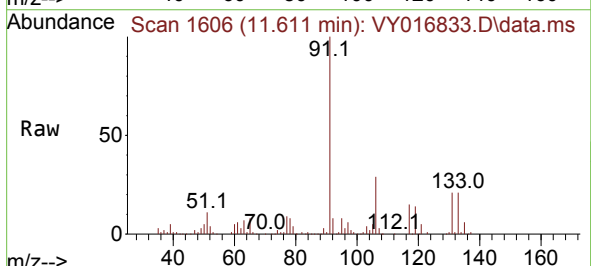
Tgt Ion:131 Resp: 32373

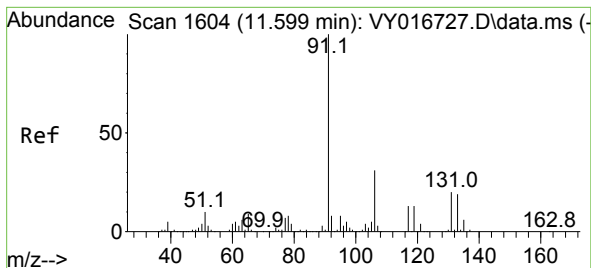
Ion Ratio Lower Upper

131 100

133 96.8 47.0 141.0

119 69.4 33.3 99.9





#67

Ethyl Benzene

Concen: 19.795 ug/l

RT: 11.617 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

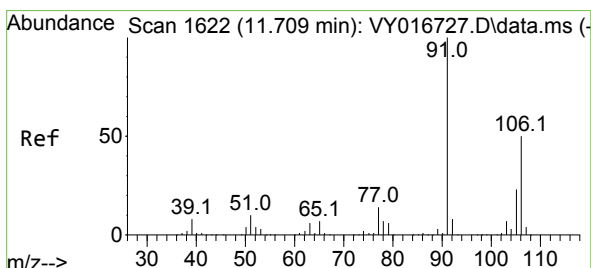
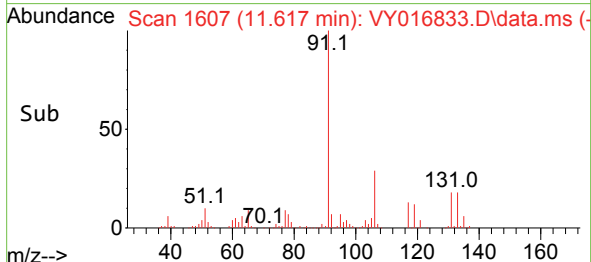
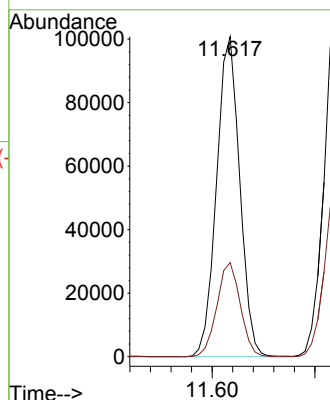
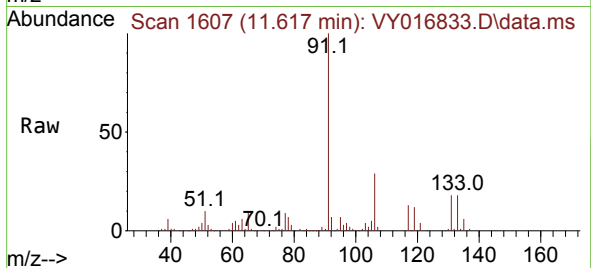
ClientSampleId :

Tgt Ion: 91 Resp: 157346

Ion Ratio Lower Upper

91 100

106 29.4 25.0 37.4



#68

m/p-Xylenes

Concen: 39.312 ug/l

RT: 11.727 min Scan# 1625

Delta R.T. 0.018 min

Lab File: VY016833.D

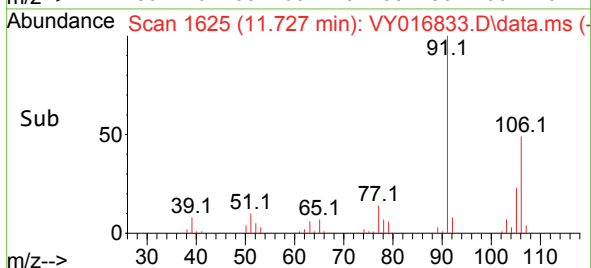
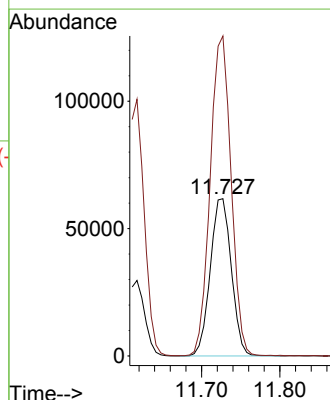
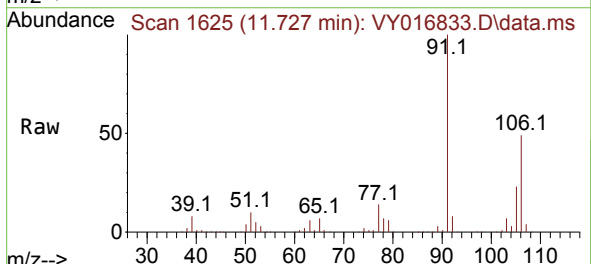
Acq: 23 Dec 2023 02:03

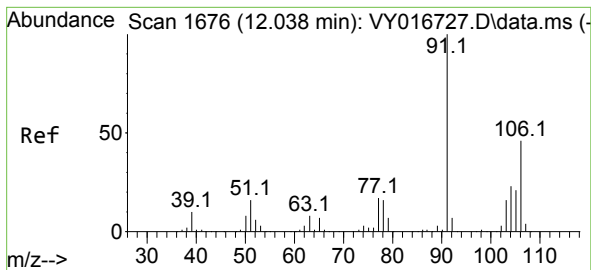
Tgt Ion:106 Resp: 115388

Ion Ratio Lower Upper

106 100

91 201.8 160.7 241.1





#69

o-Xylene

Concen: 20.028 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

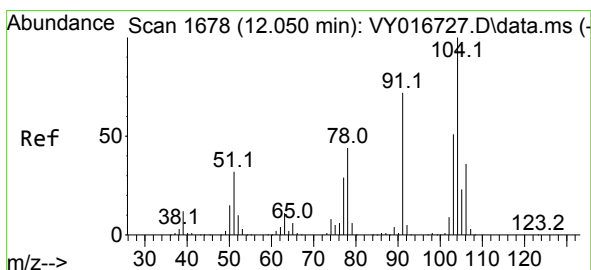
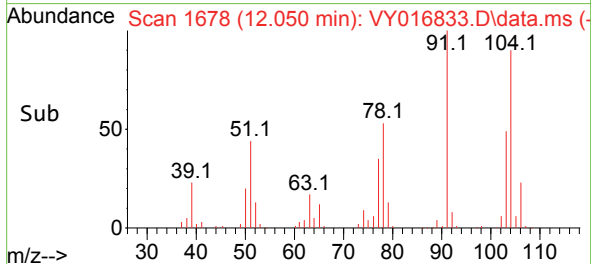
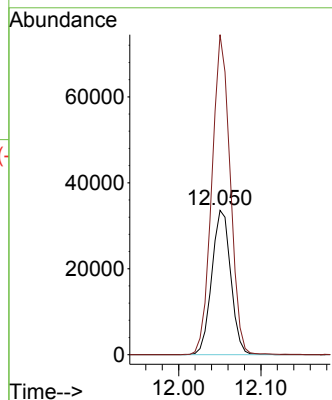
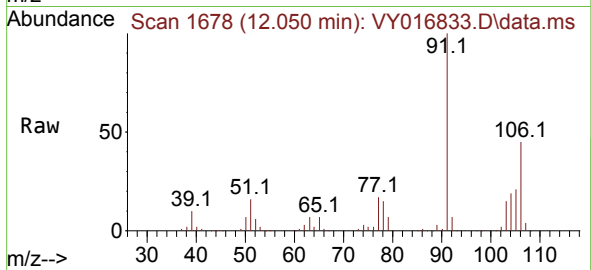
ClientSampleId :

Tgt Ion:106 Resp: 53930

Ion Ratio Lower Upper

106 100

91 214.7 106.5 319.5



#70

Styrene

Concen: 19.771 ug/l

RT: 12.069 min Scan# 1681

Delta R.T. 0.018 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

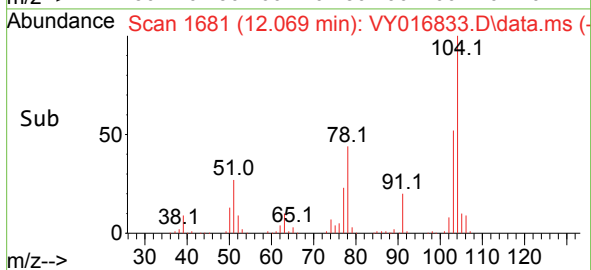
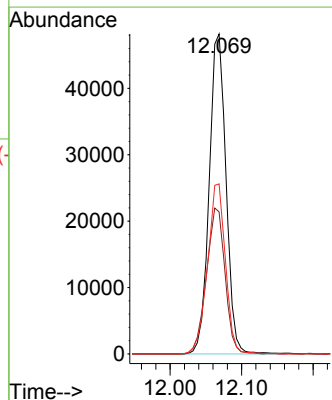
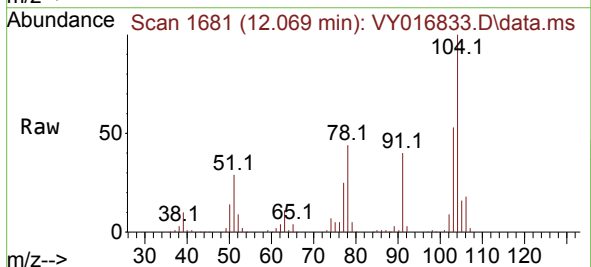
Tgt Ion:104 Resp: 78780

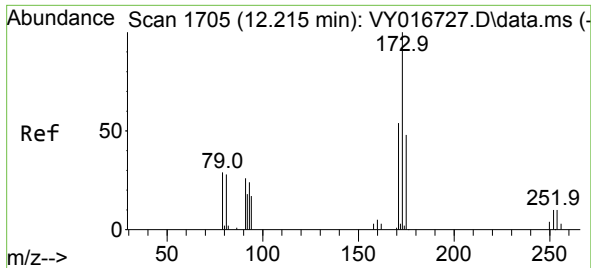
Ion Ratio Lower Upper

104 100

78 50.5 39.2 58.8

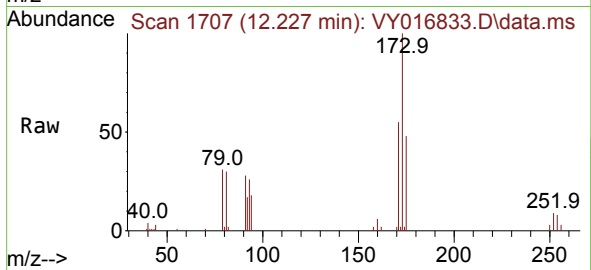
103 56.8 43.8 65.6



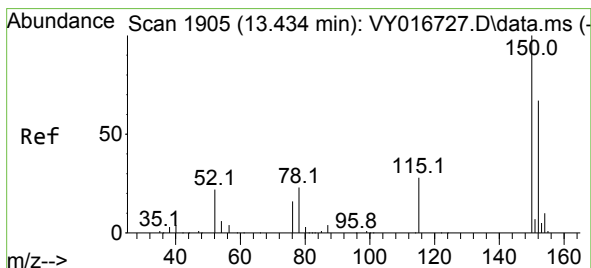
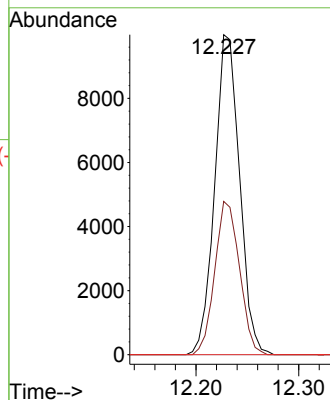
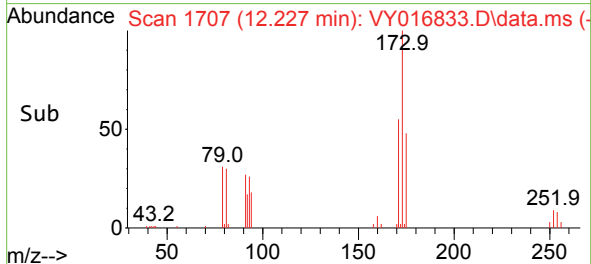


#71
Bromoform
Concen: 20.729 ug/l
RT: 12.227 min Scan# 1707
Delta R.T. 0.012 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

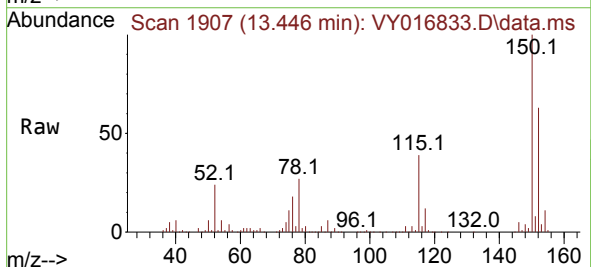
Instrument :
MSVOA_Y
ClientSampleId :



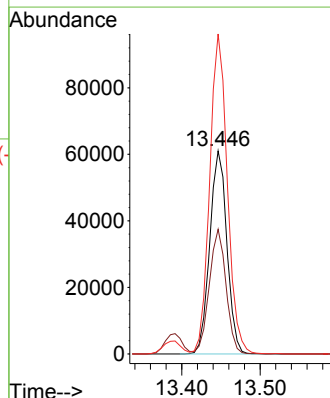
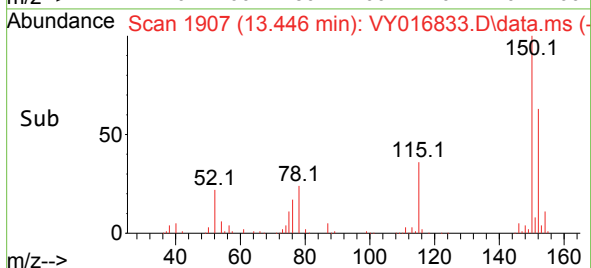
Tgt Ion:173 Resp: 16792
Ion Ratio Lower Upper
173 100
175 47.5 23.5 70.6
254 0.0 0.0 0.0

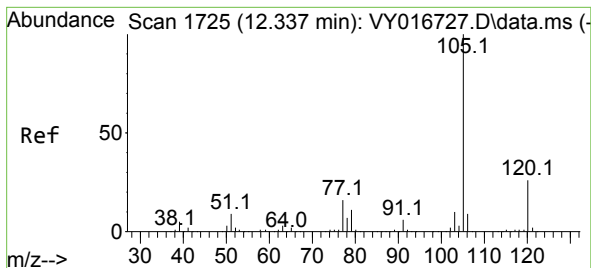


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03



Tgt Ion:152 Resp: 92661
Ion Ratio Lower Upper
152 100
115 59.9 30.0 90.0
150 162.2 0.0 344.6





#73

Isopropylbenzene

Concen: 20.201 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

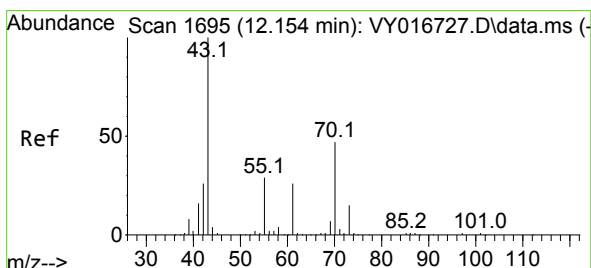
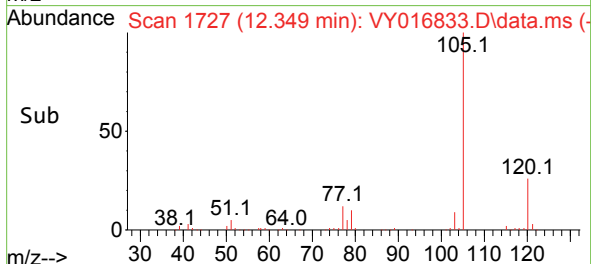
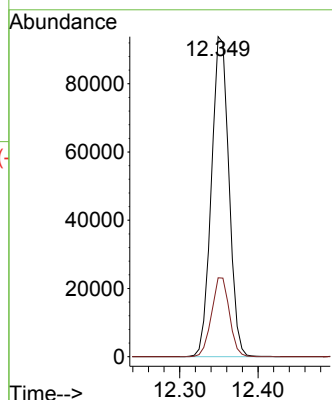
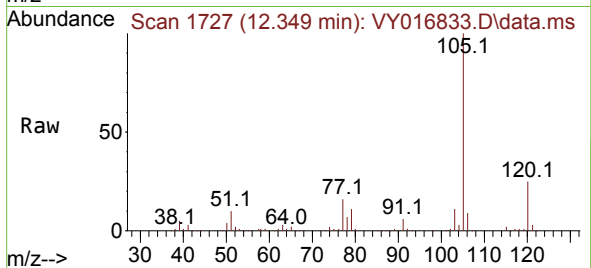
ClientSampleId :

Tgt Ion:105 Resp: 145784

Ion Ratio Lower Upper

105 100

120 25.0 13.0 39.0



#74

N-ethyl acetate

Concen: 20.983 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Tgt Ion: 43 Resp: 31779

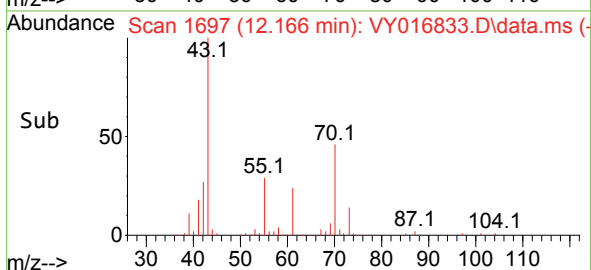
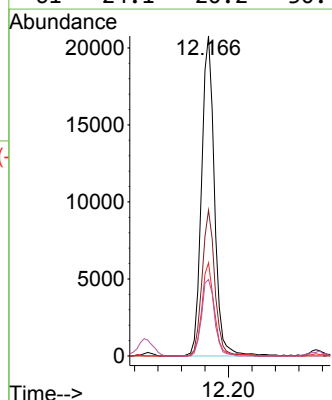
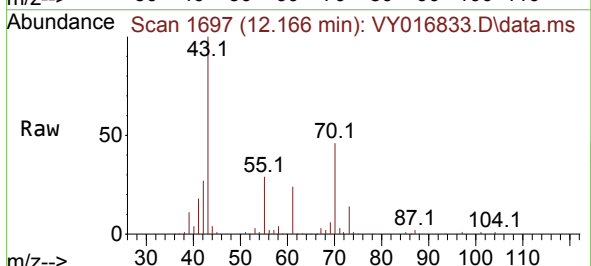
Ion Ratio Lower Upper

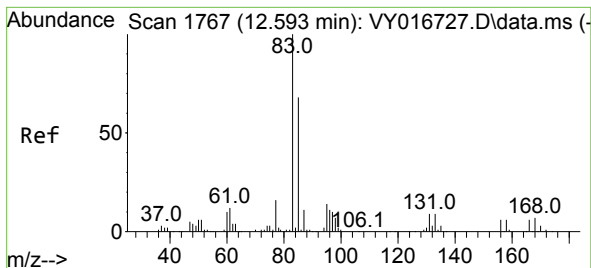
43 100

70 45.0 36.6 55.0

55 28.3 22.2 33.4

61 24.1 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.971 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

ClientSampleId :

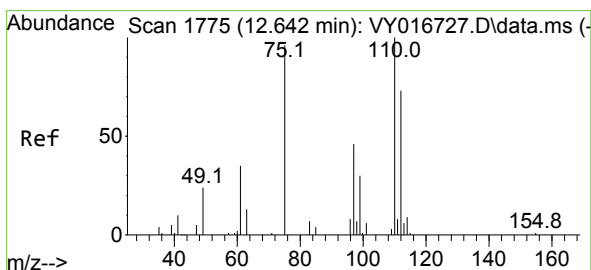
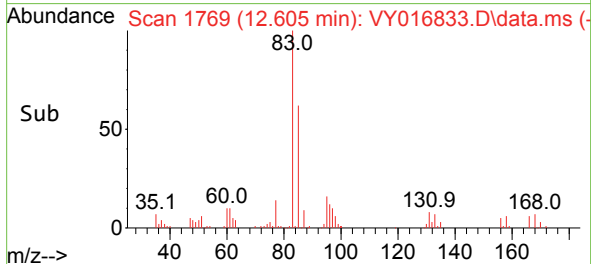
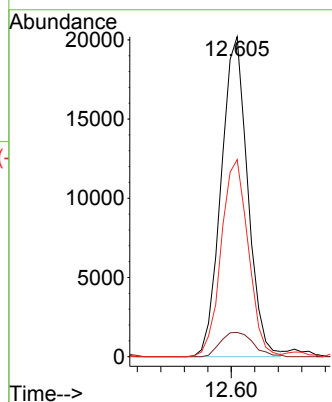
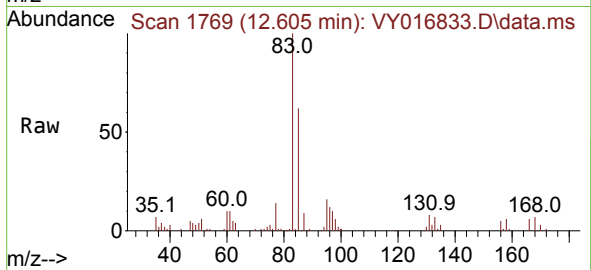
Tgt Ion: 83 Resp: 31685

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.6

85 62.9 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 35.917 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY016833.D

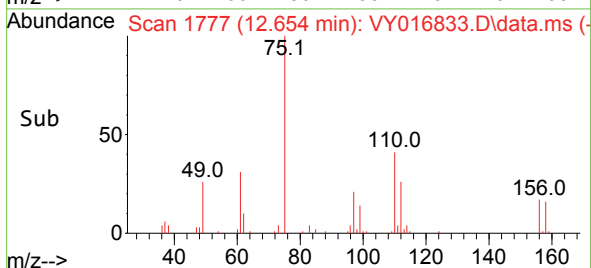
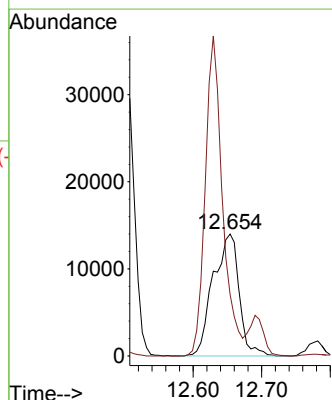
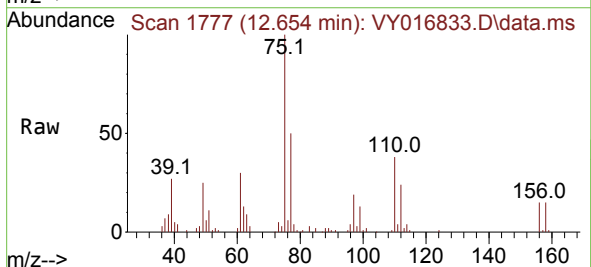
Acq: 23 Dec 2023 02:03

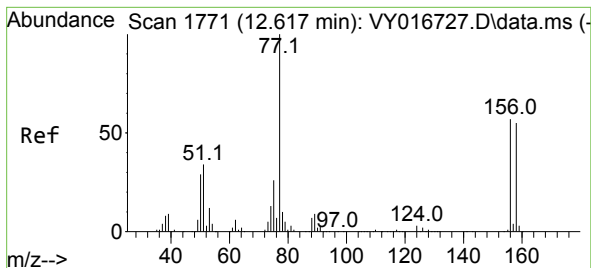
Tgt Ion: 75 Resp: 36790

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.209 ug/l

RT: 12.629 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

ClientSampleId :

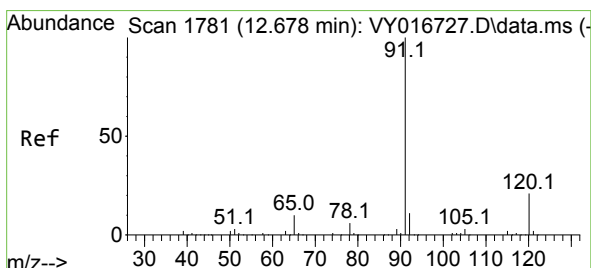
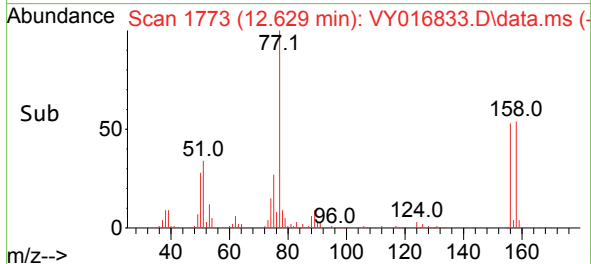
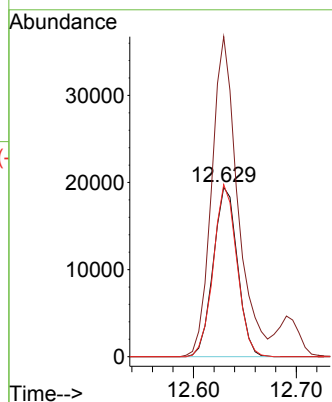
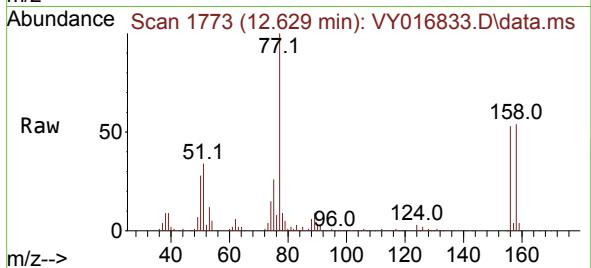
Tgt Ion:156 Resp: 31816

Ion Ratio Lower Upper

156 100

77 203.2 97.3 291.8

158 98.9 48.4 145.0



#78

n-propylbenzene

Concen: 20.138 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016833.D

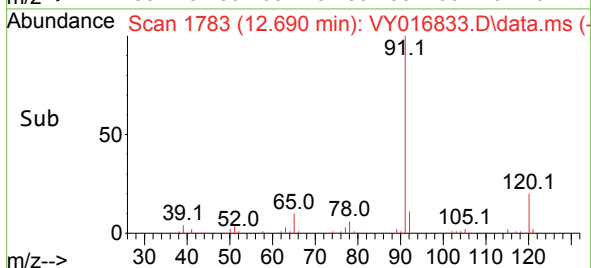
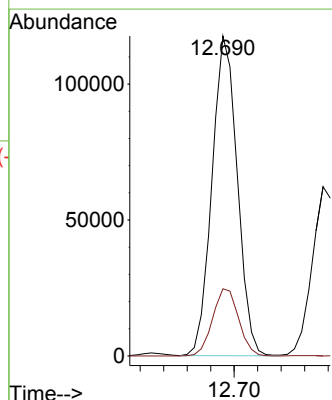
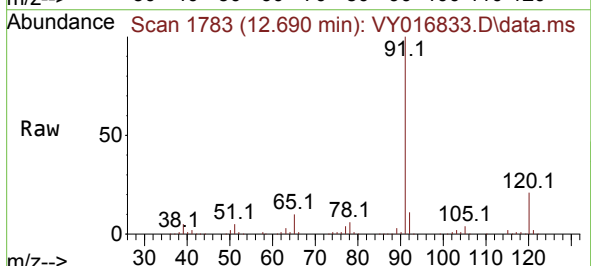
Acq: 23 Dec 2023 02:03

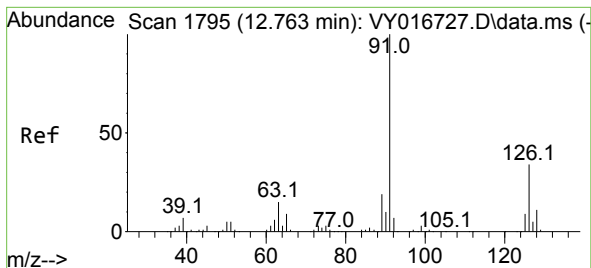
Tgt Ion: 91 Resp: 176077

Ion Ratio Lower Upper

91 100

120 21.6 11.0 33.0

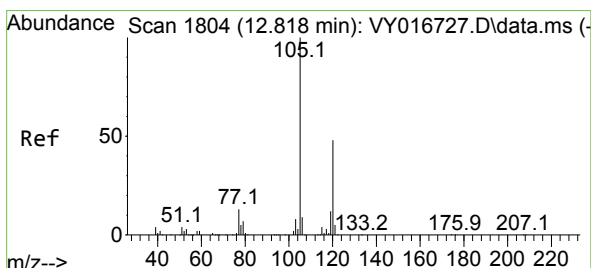
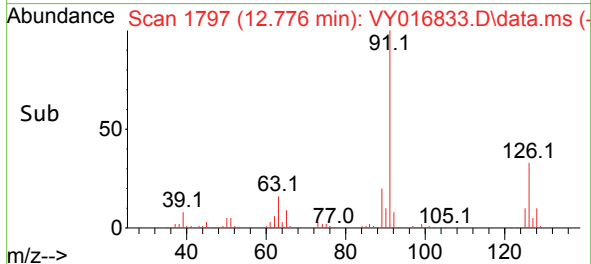
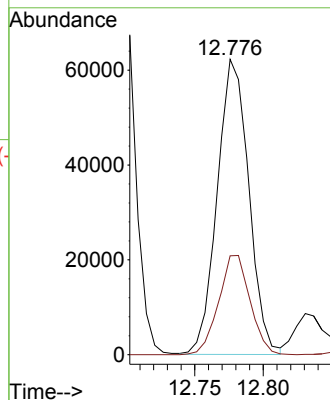
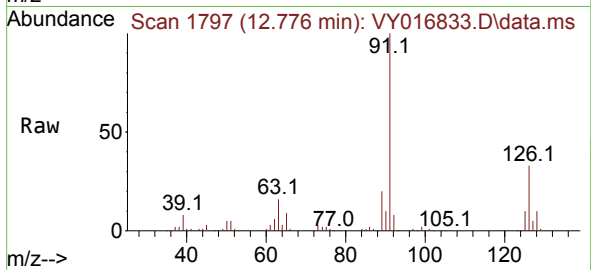




#79
2-Chlorotoluene
Concen: 20.633 ug/l
RT: 12.776 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

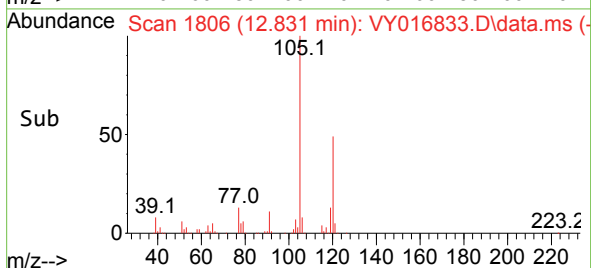
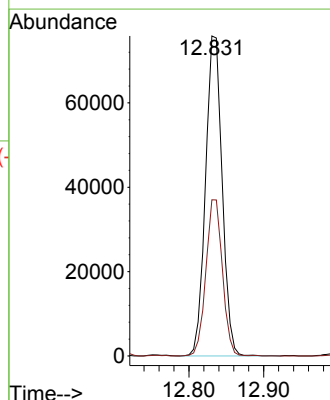
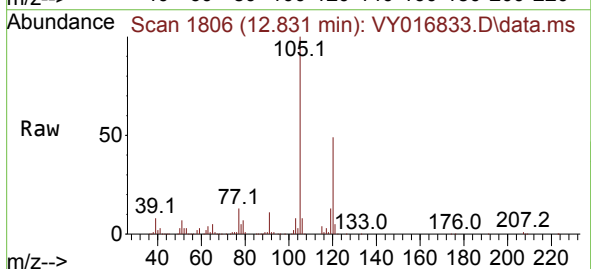
Instrument :
MSVOA_Y
ClientSampleId :

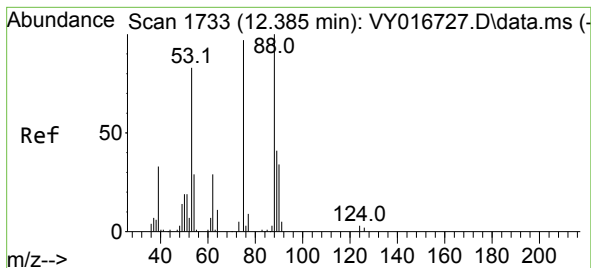
Tgt Ion: 91 Resp: 99825
Ion Ratio Lower Upper
91 100
126 33.5 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.545 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion: 105 Resp: 117361
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

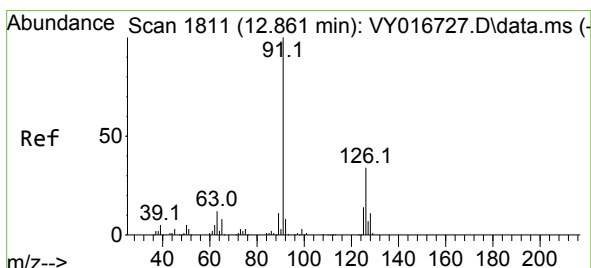
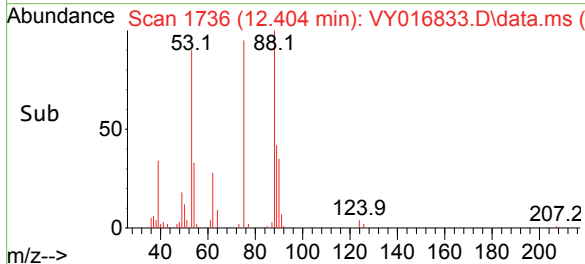
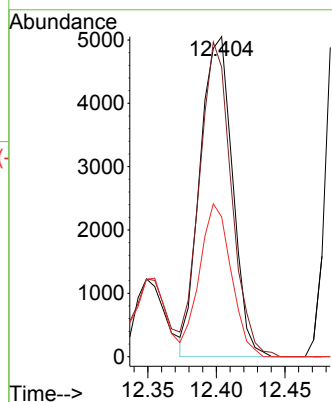
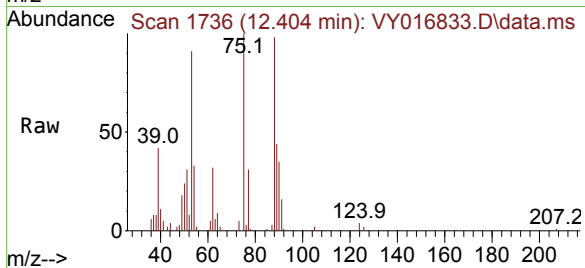




#81
trans-1,4-Dichloro-2-butene
Concen: 19.061 ug/l
RT: 12.404 min Scan# 1736
Delta R.T. 0.018 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

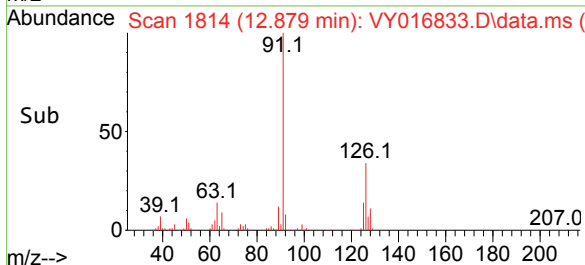
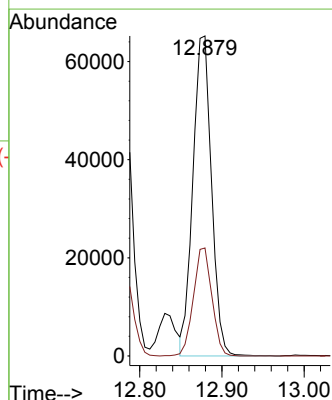
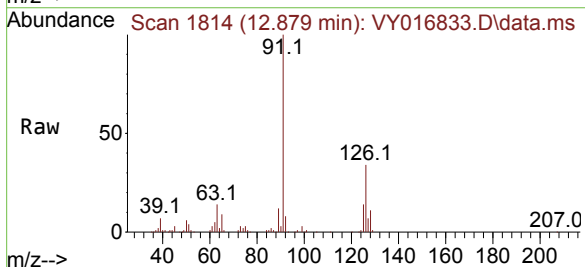
Instrument :
MSVOA_Y
ClientSampleId :

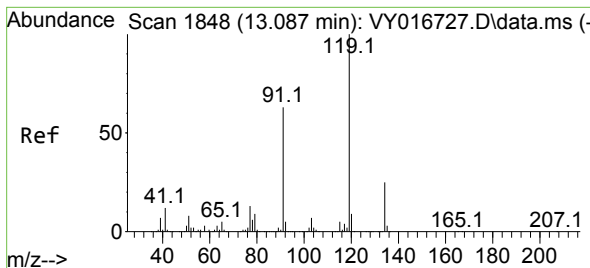
Tgt Ion: 75 Resp: 8314
Ion Ratio Lower Upper
75 100
53 96.3 74.0 111.0
89 46.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.632 ug/l
RT: 12.879 min Scan# 1814
Delta R.T. 0.018 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion: 91 Resp: 102408
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2





#83

tert-Butylbenzene

Concen: 19.674 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

ClientSampleId :

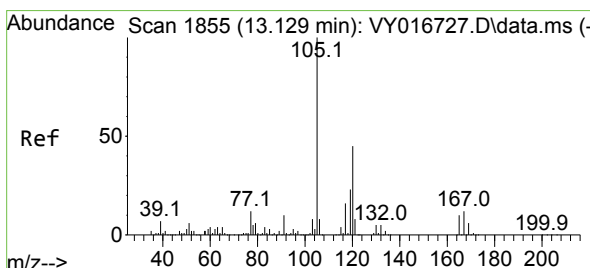
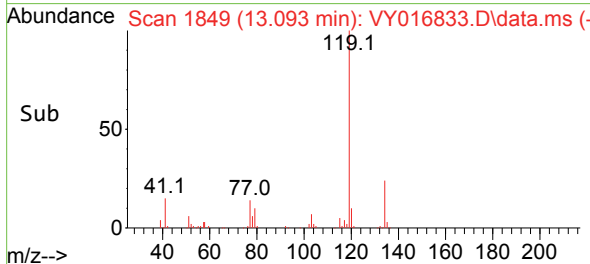
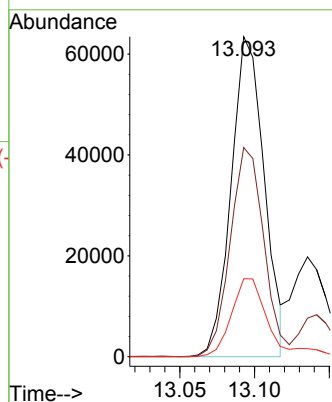
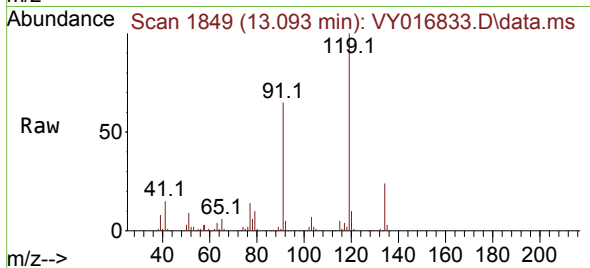
Tgt Ion:119 Resp: 97761

Ion Ratio Lower Upper

119 100

91 66.5 31.5 94.5

134 27.2 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.527 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.012 min

Lab File: VY016833.D

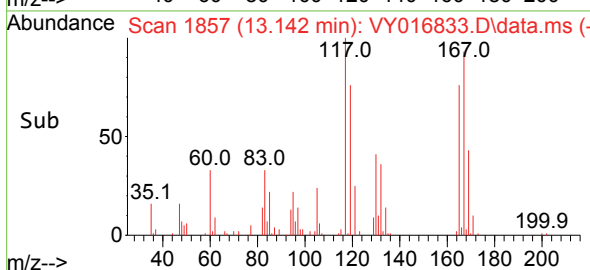
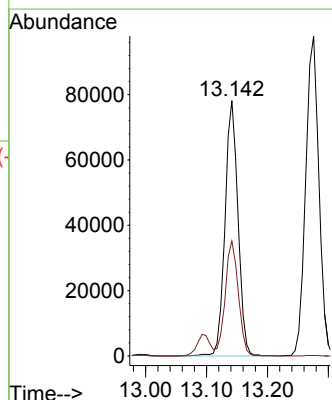
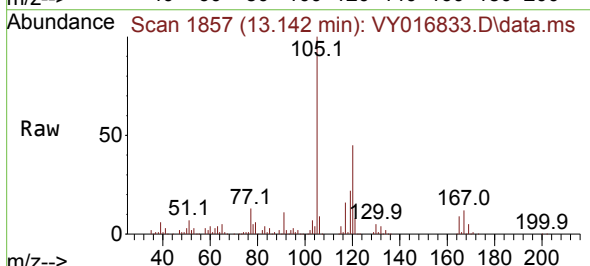
Acq: 23 Dec 2023 02:03

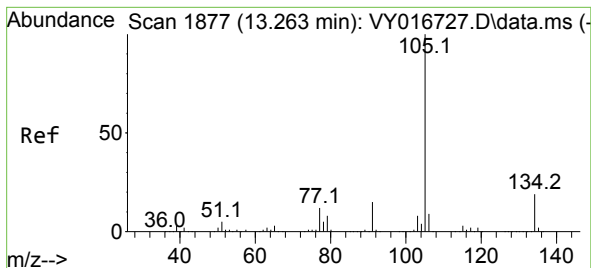
Tgt Ion:105 Resp: 115625

Ion Ratio Lower Upper

105 100

120 45.6 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.988 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

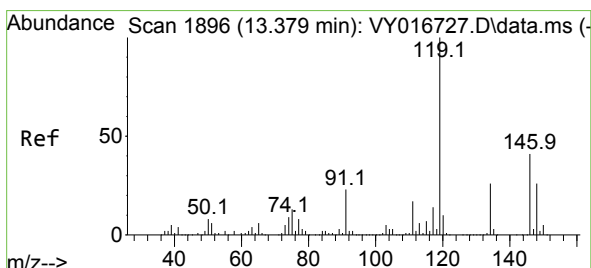
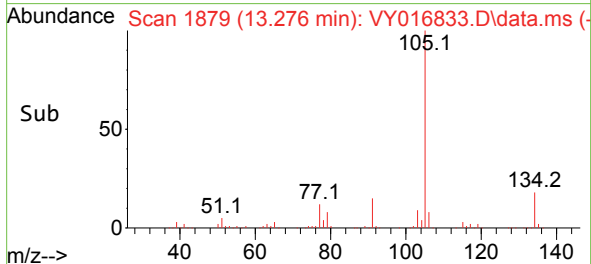
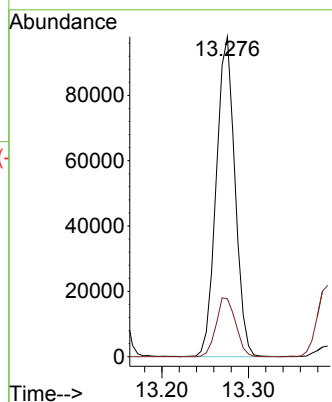
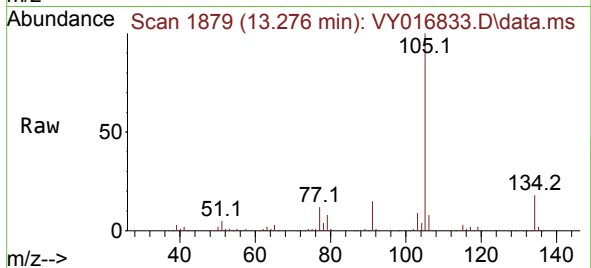
ClientSampleId :

Tgt Ion:105 Resp: 147108

Ion Ratio Lower Upper

105 100

134 19.2 9.7 28.9



#86

p-Isopropyltoluene

Concen: 19.338 ug/l

RT: 13.391 min Scan# 1898

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

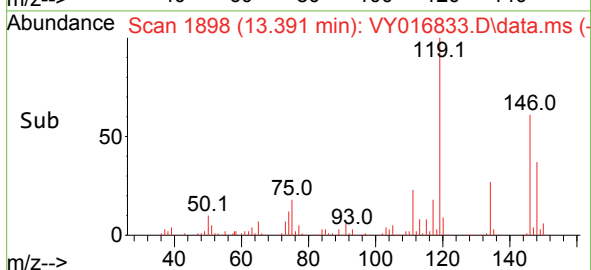
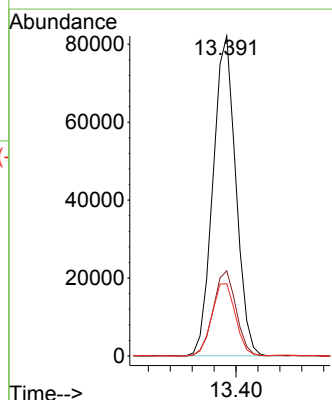
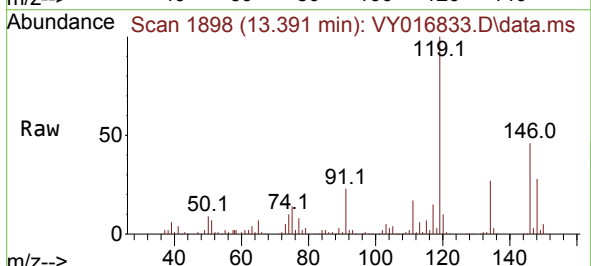
Tgt Ion:119 Resp: 118527

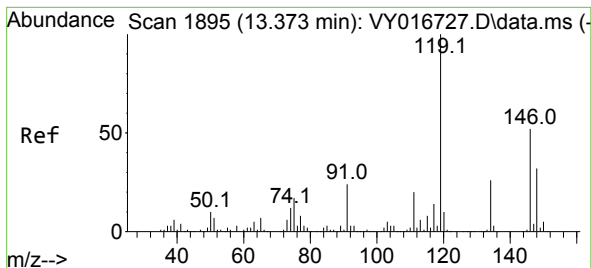
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.1

91 23.6 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.148 ug/l

RT: 13.385 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

ClientSampleId :

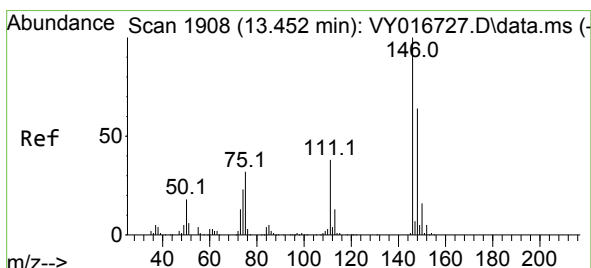
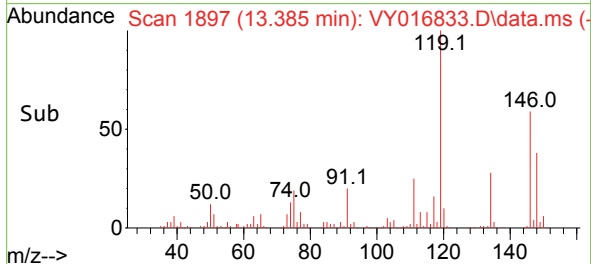
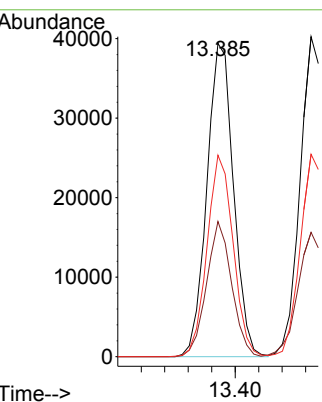
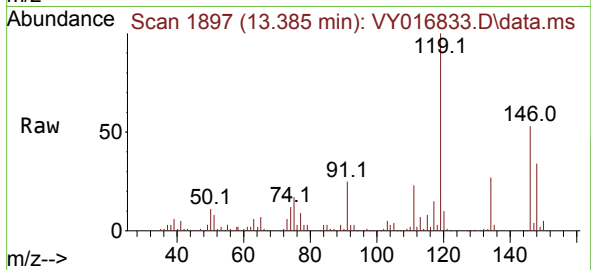
Tgt Ion:146 Resp: 61990

Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.5

148 63.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.677 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

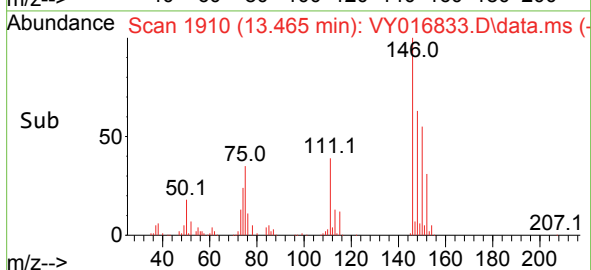
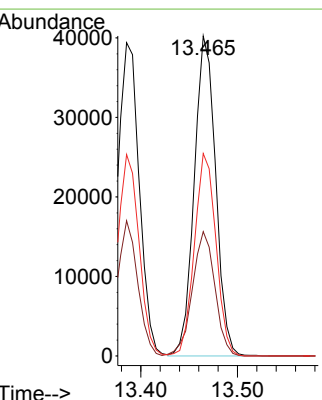
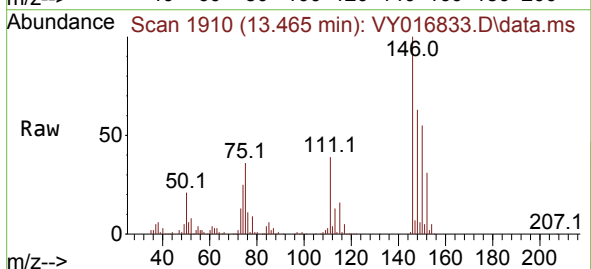
Tgt Ion:146 Resp: 62119

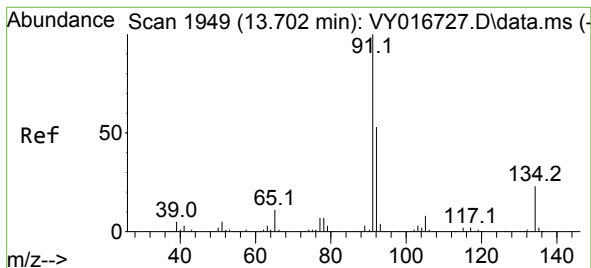
Ion Ratio Lower Upper

146 100

111 40.9 19.3 57.9

148 63.6 31.6 94.7





#89

n-Butylbenzene

Concen: 19.658 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

ClientSampleId :

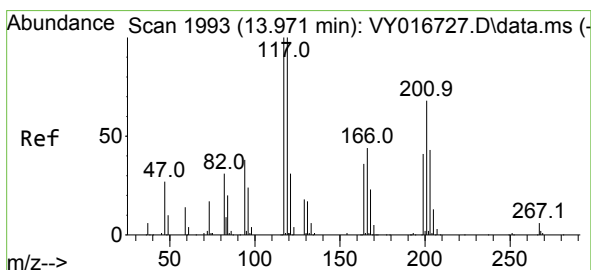
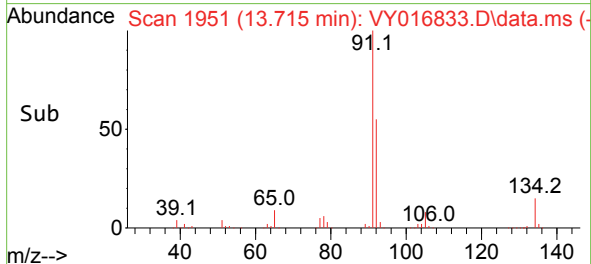
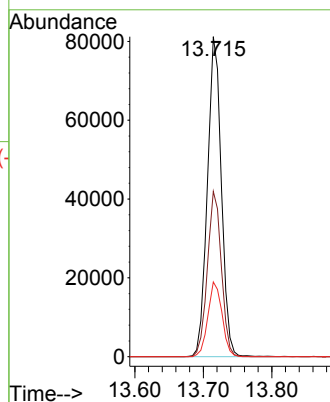
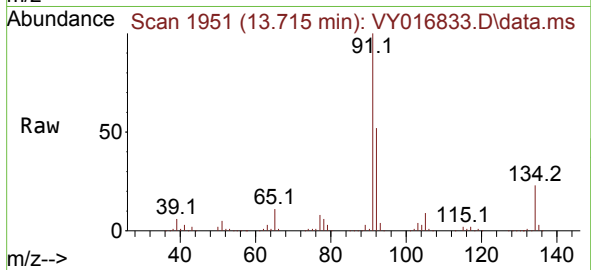
Tgt Ion: 91 Resp: 115181

Ion Ratio Lower Upper

91 100

92 51.7 26.4 79.2

134 23.7 12.3 36.8



#90

Hexachloroethane

Concen: 20.026 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY016833.D

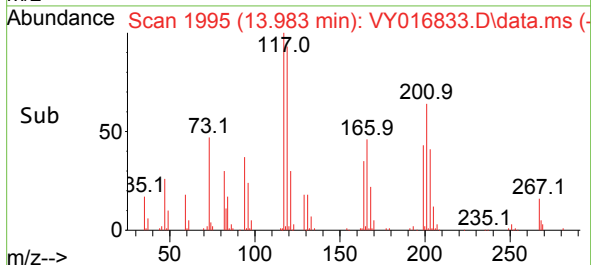
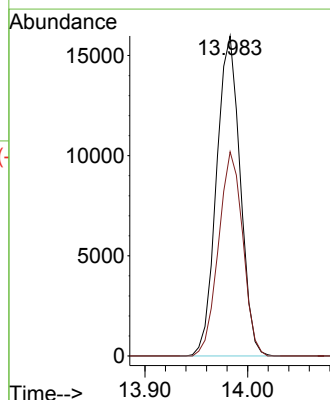
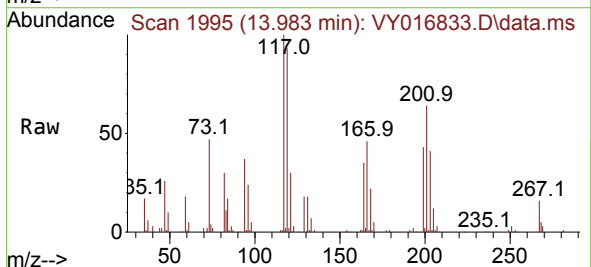
Acq: 23 Dec 2023 02:03

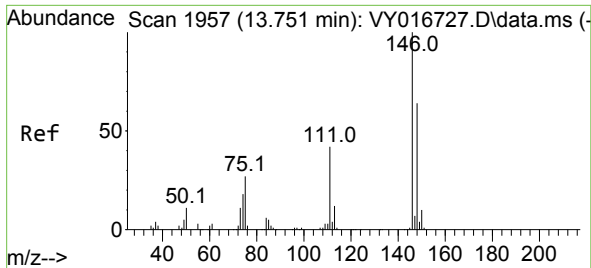
Tgt Ion: 117 Resp: 25559

Ion Ratio Lower Upper

117 100

201 65.4 33.4 100.1

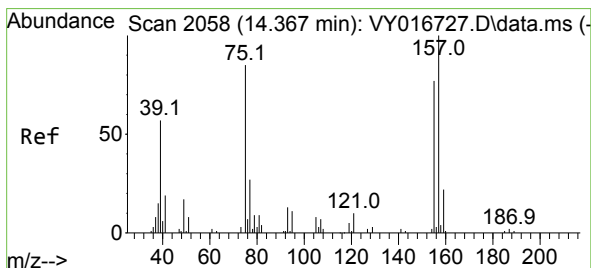
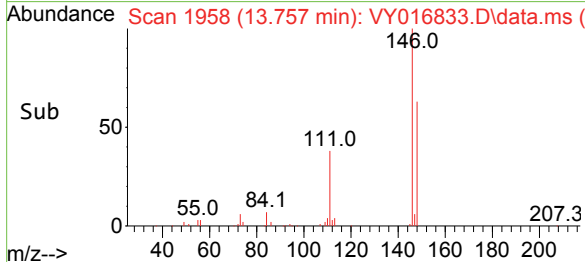
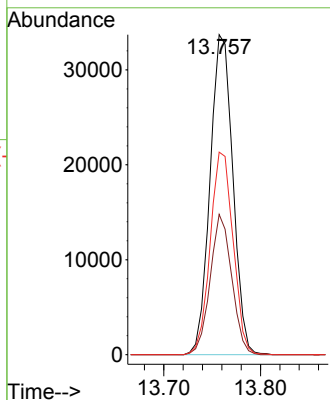
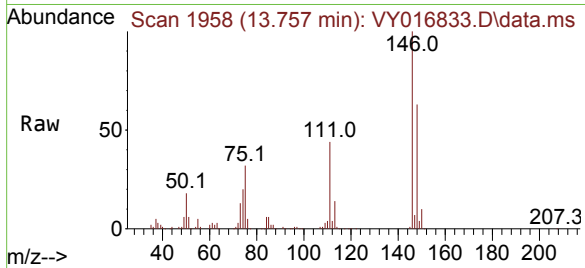




#91
1,2-Dichlorobenzene
Concen: 21.037 ug/l
RT: 13.757 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

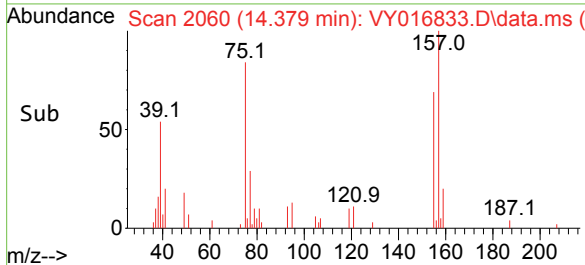
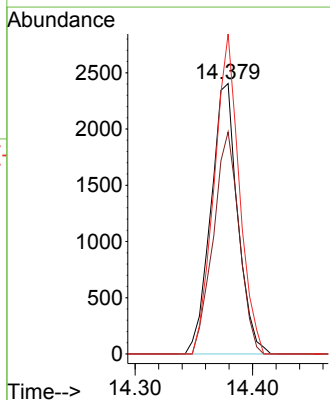
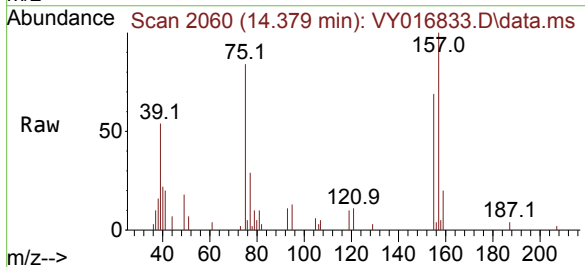
Instrument :
MSVOA_Y
ClientSampleId :

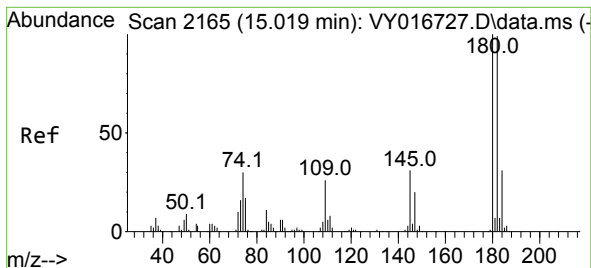
Tgt Ion:	146	Resp:	55140
Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.5	61.6
148	63.8	31.4	94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.424 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.012 min
Lab File: VY016833.D
Acq: 23 Dec 2023 02:03

Tgt Ion:	75	Resp:	3818
Ion	Ratio	Lower	Upper
75	100		
155	78.9	42.1	126.3
157	110.3	55.8	167.4





#93

1,2,4-Trichlorobenzene

Concen: 18.469 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

ClientSampleId :

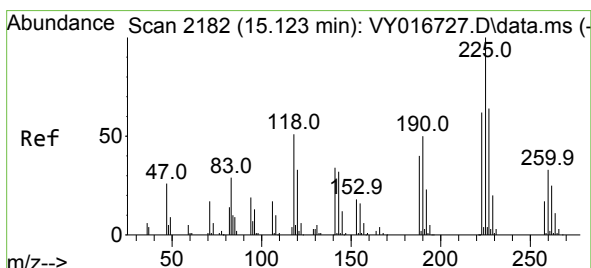
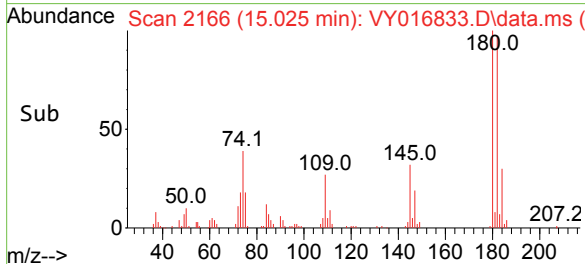
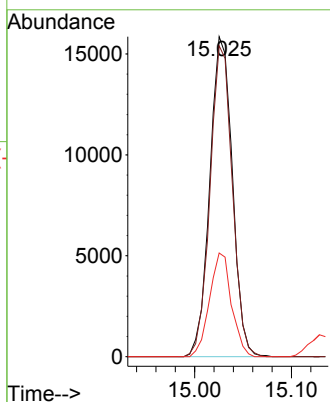
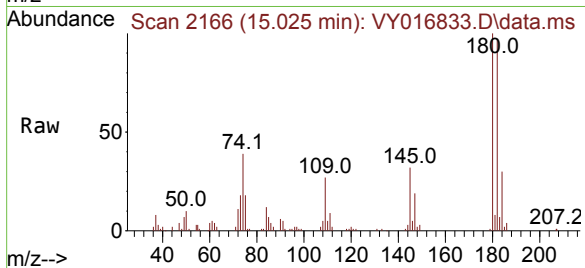
Tgt Ion:180 Resp: 25687

Ion Ratio Lower Upper

180 100

182 95.9 47.9 143.7

145 31.5 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.702 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

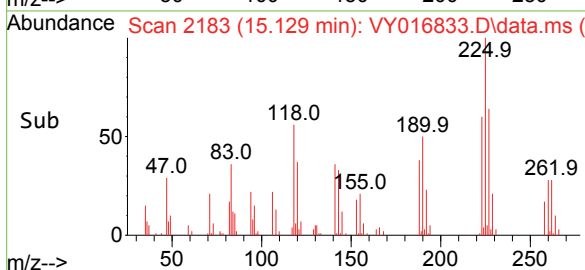
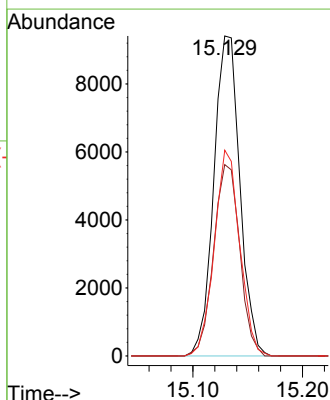
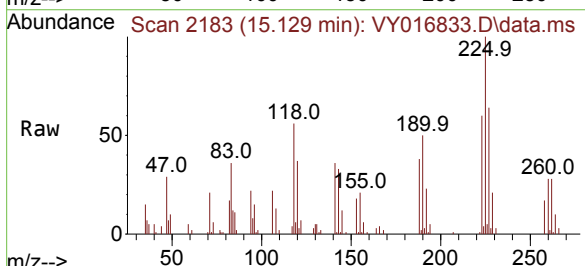
Tgt Ion:225 Resp: 15563

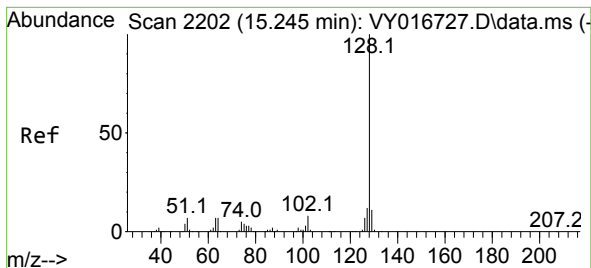
Ion Ratio Lower Upper

225 100

223 59.9 31.4 94.3

227 62.6 32.3 96.8





#95

Naphthalene

Concen: 18.603 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY016833.D

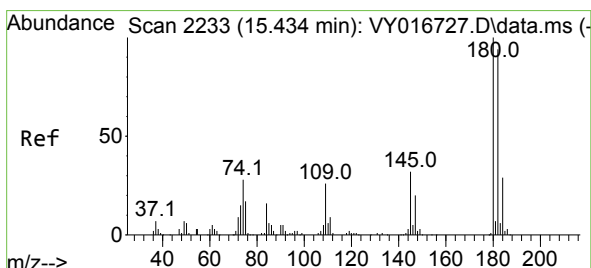
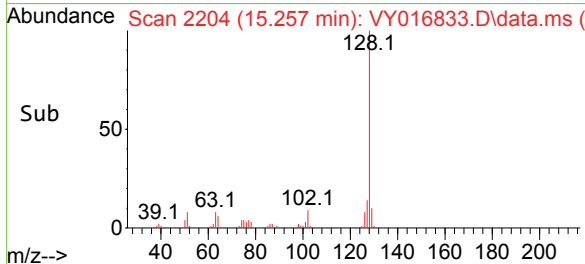
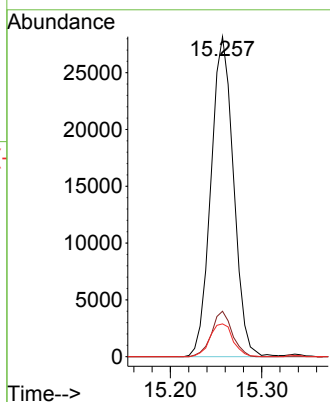
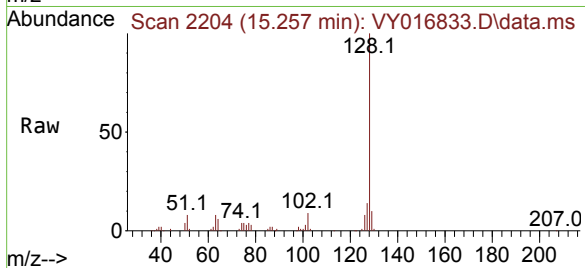
Acq: 23 Dec 2023 02:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	48416
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.2 15.4
129	10.4	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.821 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016833.D

Acq: 23 Dec 2023 02:03

Tgt Ion:180	Resp:	22294
Ion Ratio	Lower	Upper
180	100	
182	95.1	46.3 138.8
145	32.1	16.1 48.2

