

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012723\
 Data File : VY012379.D
 Acq On : 27 Jan 2023 13:33
 Operator : KP/MD
 Sample : VY0127SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBSD01

Quant Time: Jan 30 02:38:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	163956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	243264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	221953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115185	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65604	48.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.260%
35) Dibromofluoromethane	7.716	113	59226	45.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.960%
50) Toluene-d8	10.179	98	212629	47.419	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.840%
62) 4-Bromofluorobenzene	12.483	95	81416	44.837	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	30391	21.211	ug/l	97
3) Chloromethane	2.113	50	26209	19.815	ug/l	96
4) Vinyl Chloride	2.253	62	31838	20.622	ug/l	99
5) Bromomethane	2.644	94	25492	21.356	ug/l	97
6) Chloroethane	2.790	64	20904	20.761	ug/l	96
7) Trichlorofluoromethane	3.125	101	64061	21.260	ug/l	97
8) Diethyl Ether	3.527	74	17651	19.686	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	31681	21.603	ug/l	95
10) Methyl Iodide	4.094	142	40114	17.999	ug/l	96
11) Tert butyl alcohol	4.954	59	26570	160.334	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	31676	21.036	ug/l	91
13) Acrolein	3.735	56	7711	109.160	ug/l	97
14) Allyl chloride	4.485	41	35751	19.201	ug/l #	81
15) Acrylonitrile	5.161	53	40167	102.560	ug/l	99
16) Acetone	3.942	43	41694	91.325	ug/l	98
17) Carbon Disulfide	4.198	76	90580	19.447	ug/l	99
18) Methyl Acetate	4.479	43	20420	19.988	ug/l #	83
19) Methyl tert-butyl Ether	5.222	73	85377	20.339	ug/l	96
20) Methylene Chloride	4.716	84	40021	15.446	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	33399	19.876	ug/l	93
22) Diisopropyl ether	6.118	45	73115	19.697	ug/l #	89
23) Vinyl Acetate	6.064	43	225240	97.378	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	52811	20.512	ug/l	94
25) 2-Butanone	6.984	43	50069	99.340	ug/l #	87
26) 2,2-Dichloropropane	6.984	77	57973	20.742	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	38068	20.624	ug/l	94
28) Bromochloromethane	7.338	49	10496	18.666	ug/l #	71
29) Tetrahydrofuran	7.350	42	27467	99.212	ug/l #	78
30) Chloroform	7.508	83	62327	20.507	ug/l	97
31) Cyclohexane	7.789	56	46923	19.629	ug/l #	82
32) 1,1,1-Trichloroethane	7.704	97	63386	21.066	ug/l	98
36) 1,1-Dichloropropene	7.917	75	44671	20.406	ug/l	96
37) Ethyl Acetate	7.076	43	19296	19.995	ug/l #	92
38) Carbon Tetrachloride	7.899	117	60838	21.518	ug/l	96
39) Methylcyclohexane	9.185	83	56591	21.154	ug/l	93
40) Benzene	8.161	78	132453	20.963	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	27389	48.283	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	43343	21.548	ug/l	98
43) Isopropyl Acetate	8.271	43	35709	19.888	ug/l #	89
44) Trichloroethene	8.941	130	39443	20.886	ug/l	99
45) 1,2-Dichloropropane	9.216	63	26480	20.085	ug/l	99
46) Dibromomethane	9.307	93	18210	20.632	ug/l	95
47) Bromodichloromethane	9.496	83	46492	20.926	ug/l	99
48) Methyl methacrylate	9.295	41	16990	20.537	ug/l	89
49) 1,4-Dioxane	9.295	88	5121	425.805	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	97874	102.229	ug/l	93
52) Toluene	10.246	92	89283	21.223	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	47482	20.432	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	50948	20.357	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	25921	20.671	ug/l	98
56) Ethyl methacrylate	10.508	69	33604	20.426	ug/l	93
57) 1,3-Dichloropropane	10.788	76	42300	20.655	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	56635	104.041	ug/l #	88
59) 2-Hexanone	10.831	43	73391	100.685	ug/l	92
60) Dibromochloromethane	10.983	129	35116	21.114	ug/l	99
61) 1,2-Dibromoethane	11.087	107	24870	20.553	ug/l	99
64) Tetrachloroethene	10.721	164	45083	22.260	ug/l	94
65) Chlorobenzene	11.514	112	95719	21.078	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	36910	21.533	ug/l	97
67) Ethyl Benzene	11.593	91	169455	20.879	ug/l	99
68) m/p-Xylenes	11.703	106	136164	42.432	ug/l	98
69) o-Xylene	12.032	106	63757	20.801	ug/l	97
70) Styrene	12.044	104	108236	21.135	ug/l	99
71) Bromoform	12.209	173	23469	21.430	ug/l #	97
73) Isopropylbenzene	12.331	105	175813	21.167	ug/l	99
74) N-amyl acetate	12.142	43	31396	19.283	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	27139	20.744	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	41160	38.861	ug/l #	100
77) Bromobenzene	12.611	156	40806	20.417	ug/l	91
78) n-propylbenzene	12.672	91	202293	20.813	ug/l	97
79) 2-Chlorotoluene	12.758	91	112324	20.440	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	151927	21.041	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	10823	21.054	ug/l	97
82) 4-Chlorotoluene	12.855	91	116299	20.147	ug/l	94
83) tert-Butylbenzene	13.075	119	128410	20.405	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	150076	21.076	ug/l	99
85) sec-Butylbenzene	13.251	105	186315	20.794	ug/l	97
86) p-Isopropyltoluene	13.367	119	164943	21.070	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	82861	20.845	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	82468	20.803	ug/l	99
89) n-Butylbenzene	13.696	91	139527	20.567	ug/l	97
90) Hexachloroethane	13.959	117	28746	20.341	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	73757	20.795	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5552	20.535	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	44326	19.504	ug/l	98
94) Hexachlorobutadiene	15.111	225	28024	20.481	ug/l	99
95) Naphthalene	15.233	128	88322	19.690	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	38192	19.529	ug/l	98

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ClientSampleId :
VY0127SBSD01

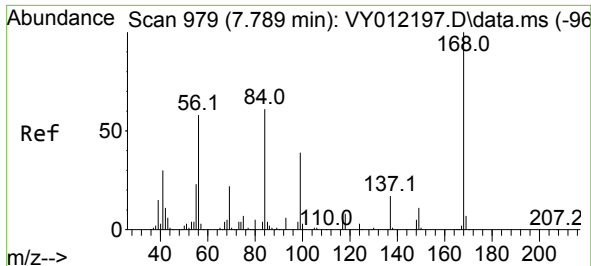
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QLast Update : Tue Jan 17 04:31:47 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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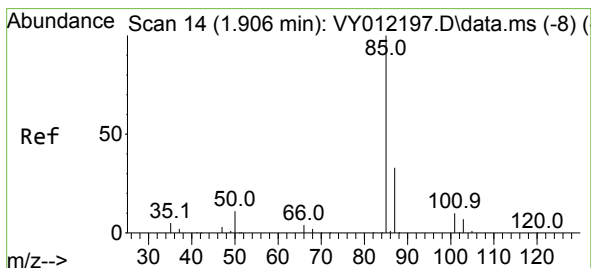
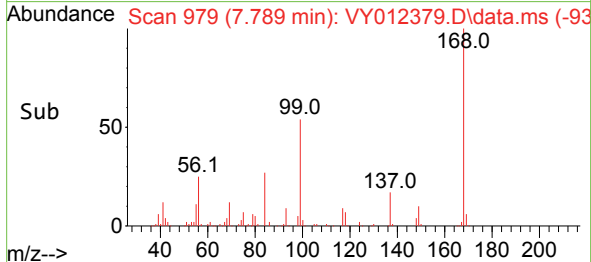
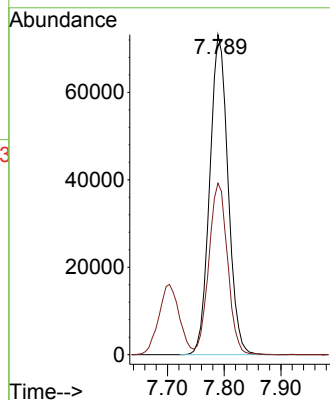
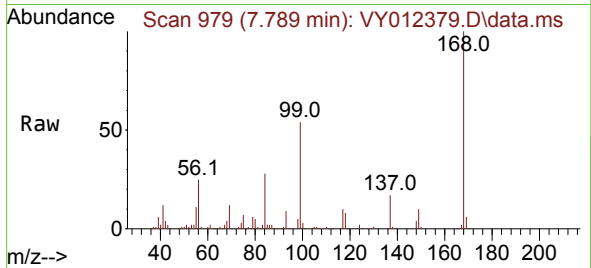




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012379.D
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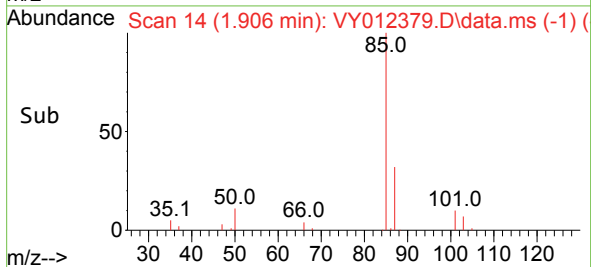
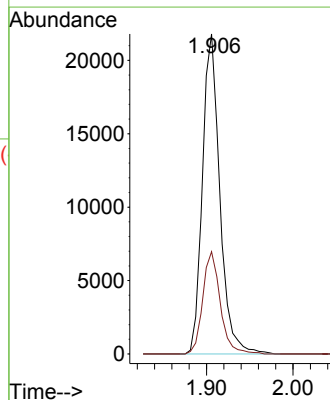
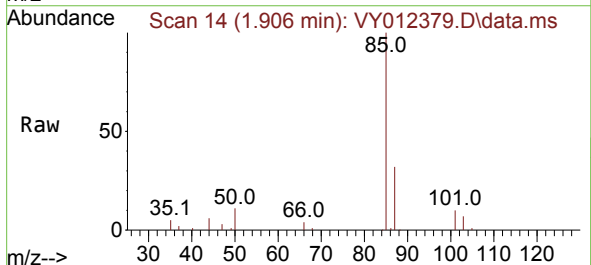
Instrument :
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VY0127SBS01

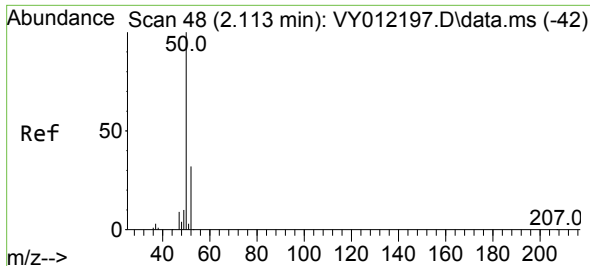
Tgt Ion:168 Resp: 163956
Ion Ratio Lower Upper
168 100
99 53.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 21.211 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

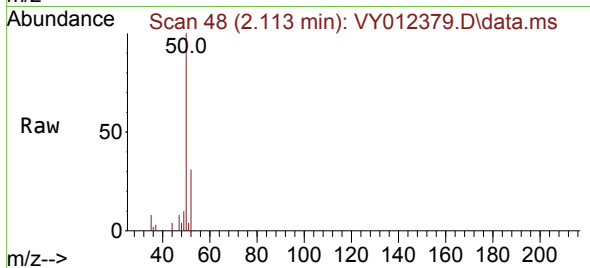
Tgt Ion: 85 Resp: 30391
Ion Ratio Lower Upper
85 100
87 31.9 16.8 50.4



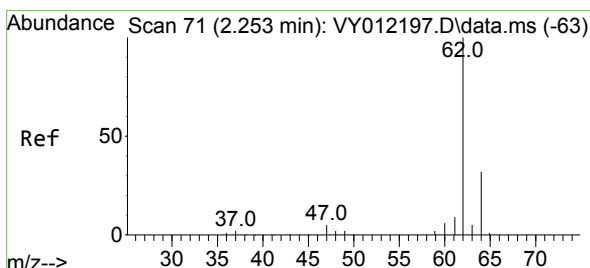
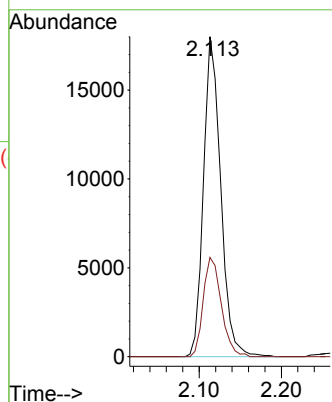
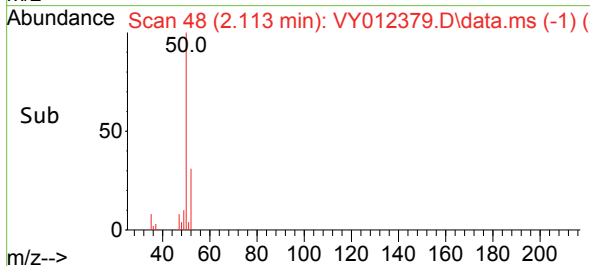


#3
Chloromethane
Concen: 19.815 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

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ClientSampleId :
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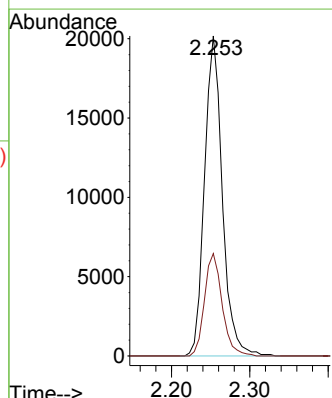
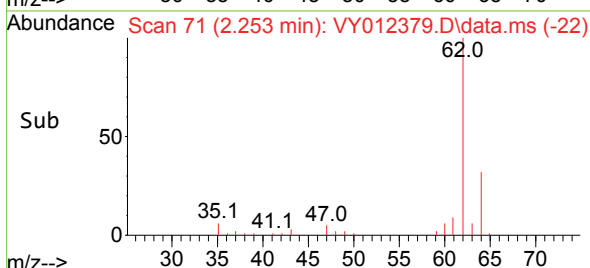
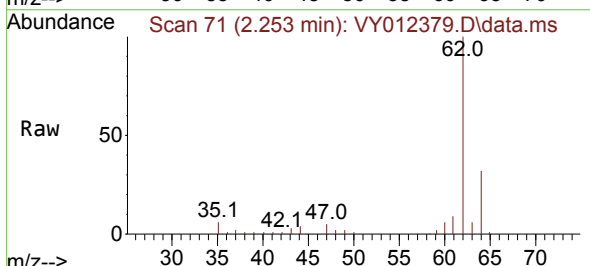


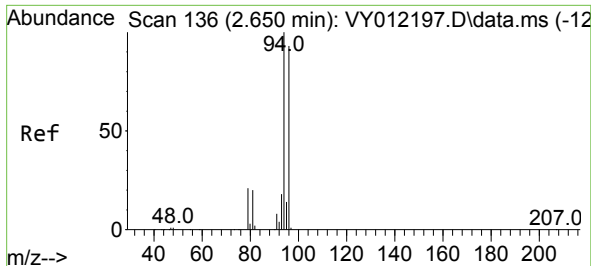
Tgt Ion: 50 Resp: 26209
Ion Ratio Lower Upper
50 100
52 31.0 26.8 40.2



#4
Vinyl Chloride
Concen: 20.622 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 62 Resp: 31838
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.6

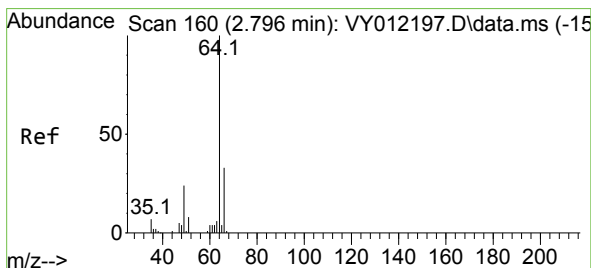
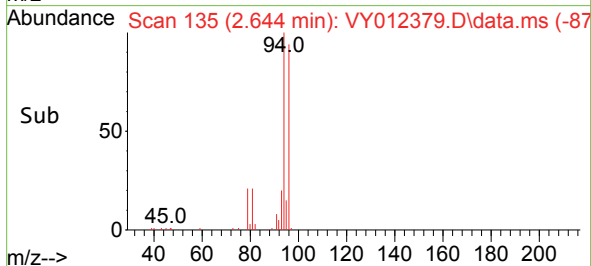
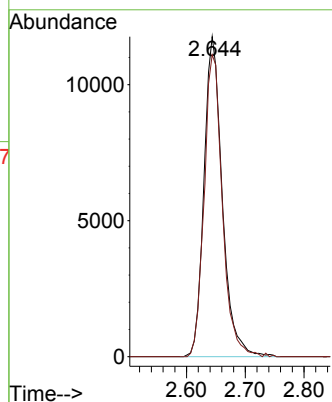
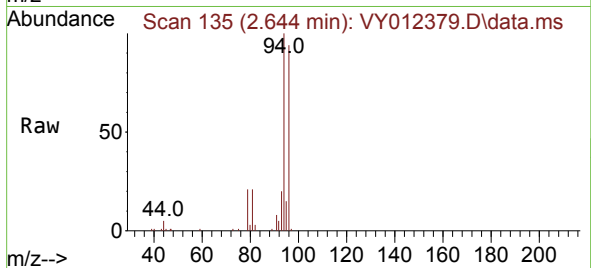




#5
Bromomethane
Concen: 21.356 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

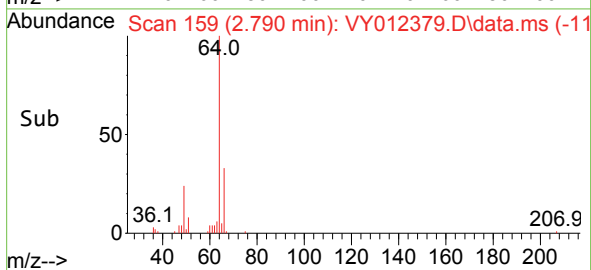
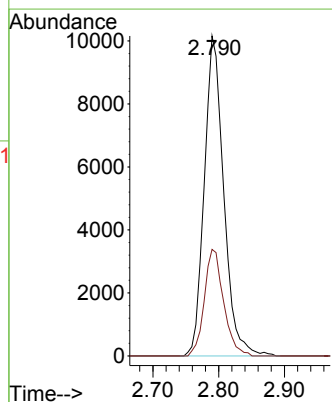
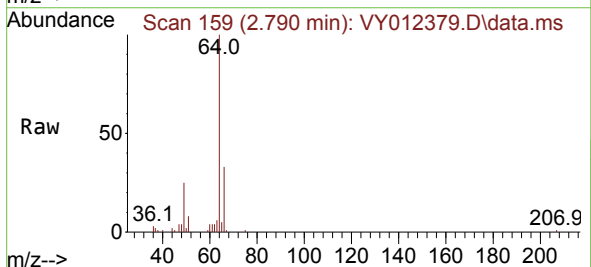
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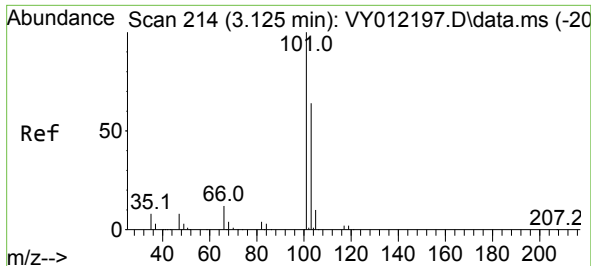
Tgt Ion: 94 Resp: 25492
Ion Ratio Lower Upper
94 100
96 94.3 77.4 116.2



#6
Chloroethane
Concen: 20.761 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 64 Resp: 20904
Ion Ratio Lower Upper
64 100
66 33.3 25.0 37.4

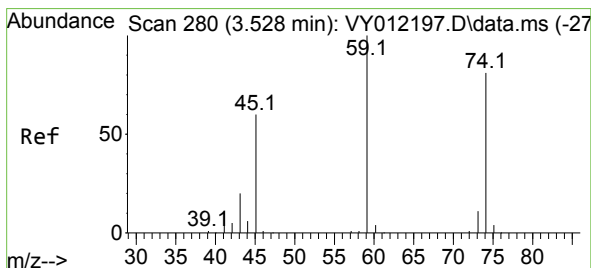
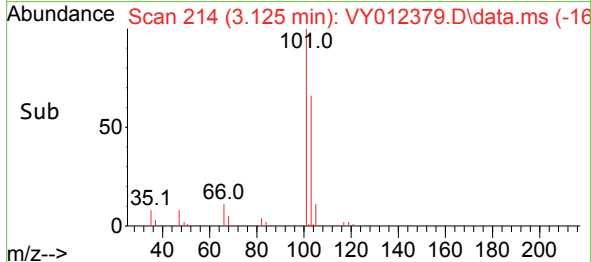
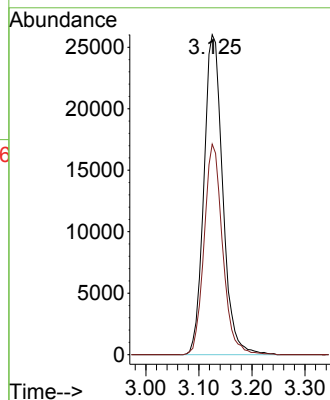
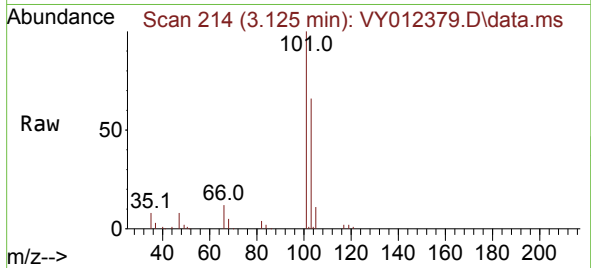




#7
 Trichlorofluoromethane
 Concen: 21.260 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012379.D
 Acq: 27 Jan 2023 13:33

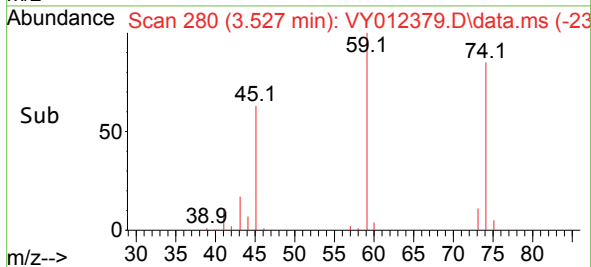
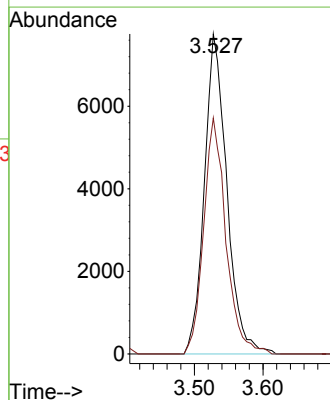
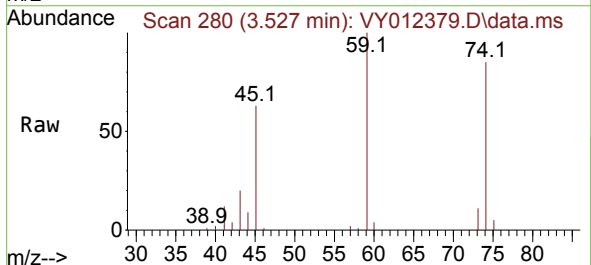
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 ClientSampleId :
 VY0127SBSD01

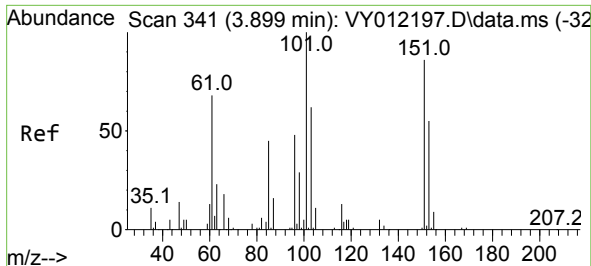
Tgt Ion:101 Resp: 64061
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.0 76.6



#8
 Diethyl Ether
 Concen: 19.686 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY012379.D
 Acq: 27 Jan 2023 13:33

Tgt Ion: 74 Resp: 17651
 Ion Ratio Lower Upper
 74 100
 45 73.2 46.8 140.3

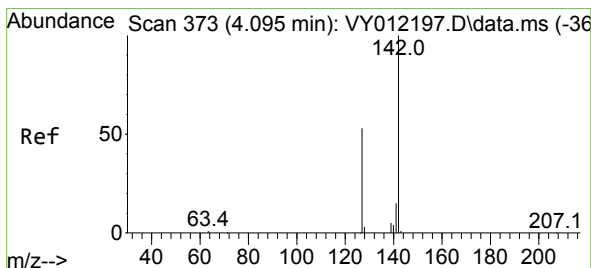
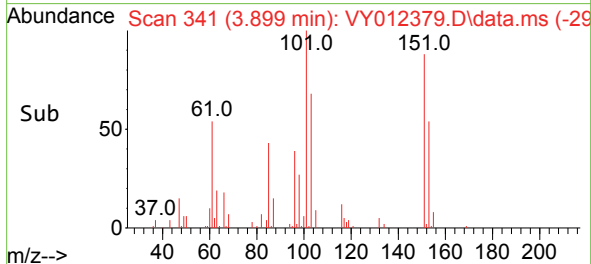
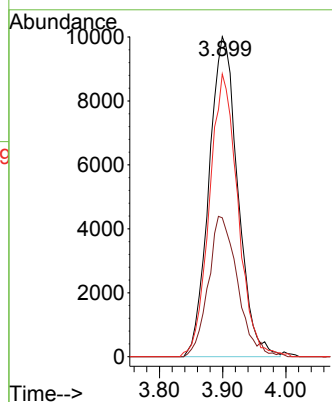
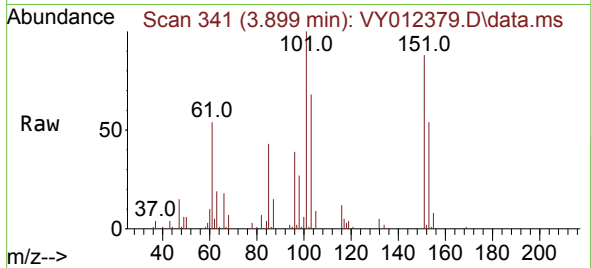




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.603 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
Lab File: VY012379.D
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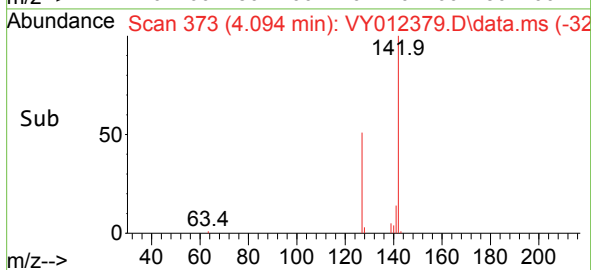
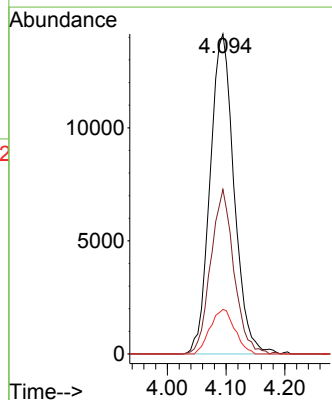
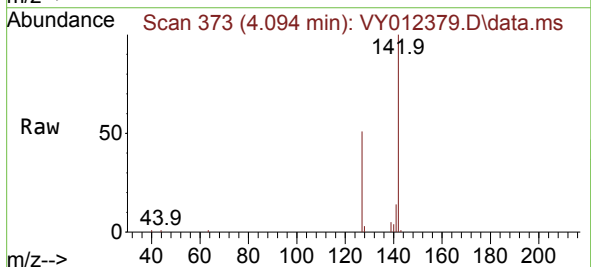
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

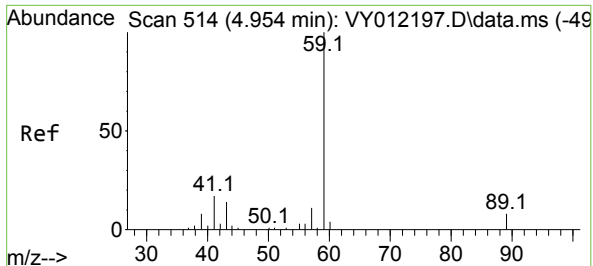
Tgt Ion:101 Resp: 31681
Ion Ratio Lower Upper
101 100
85 44.5 36.2 54.2
151 87.2 64.2 96.2



#10
Methyl Iodide
Concen: 17.999 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion:142 Resp: 40114
Ion Ratio Lower Upper
142 100
127 49.9 37.0 55.4
141 14.3 11.4 17.0

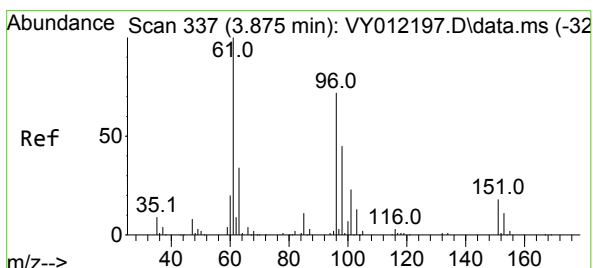
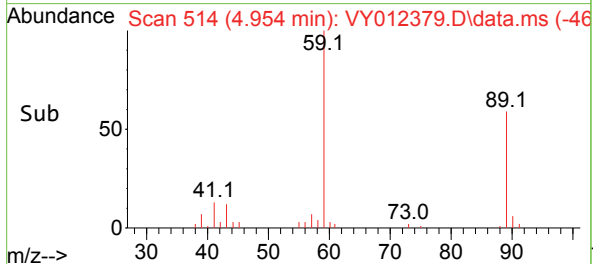
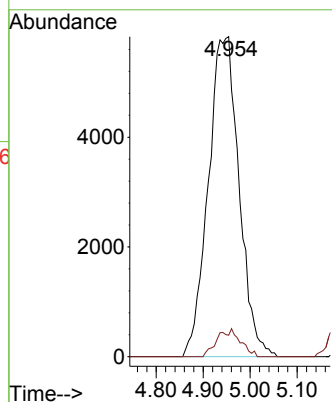
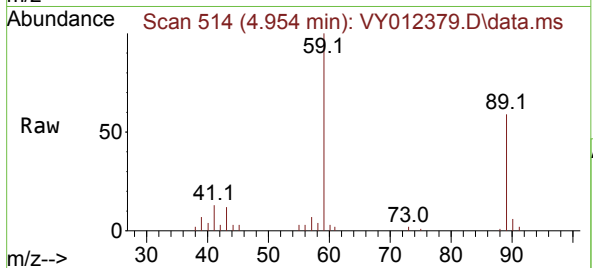




#11
Tert butyl alcohol
Concen: 160.334 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

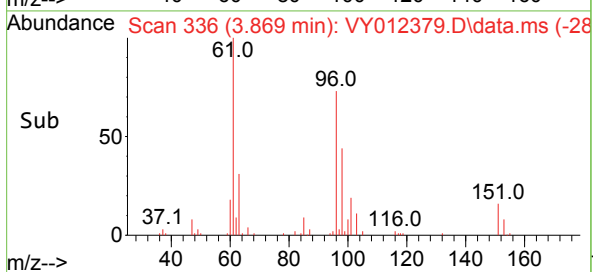
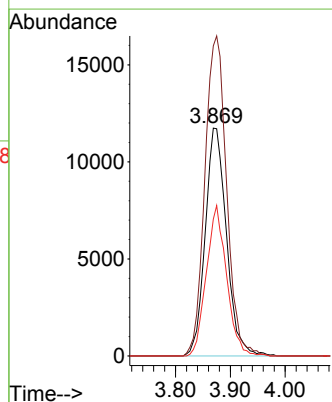
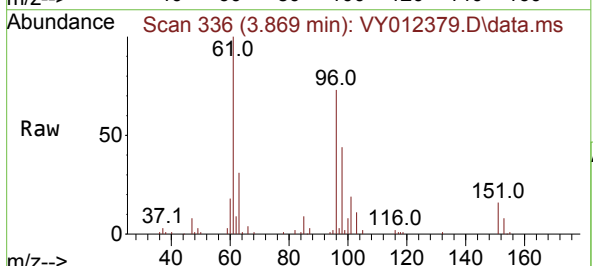
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

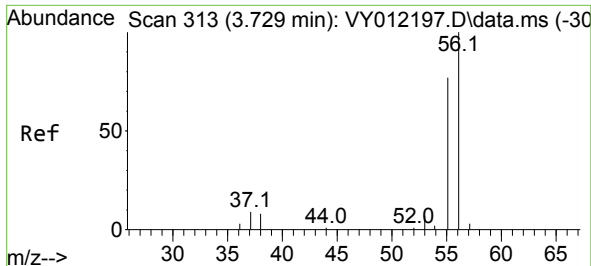
Tgt Ion: 59 Resp: 26570
Ion Ratio Lower Upper
59 100
57 3.5 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 21.036 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 96 Resp: 31676
Ion Ratio Lower Upper
96 100
61 136.1 122.0 183.0
98 60.0 48.6 73.0





#13

Acrolein

Concen: 109.160 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

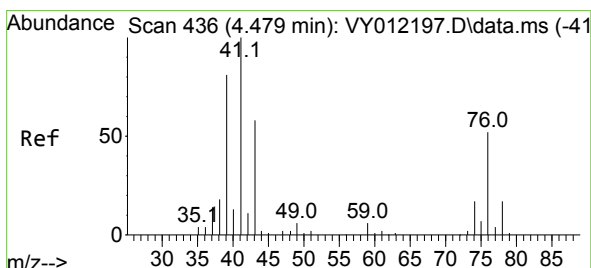
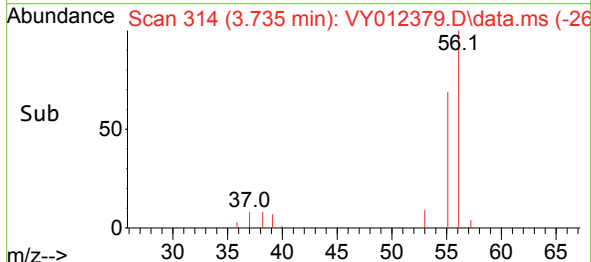
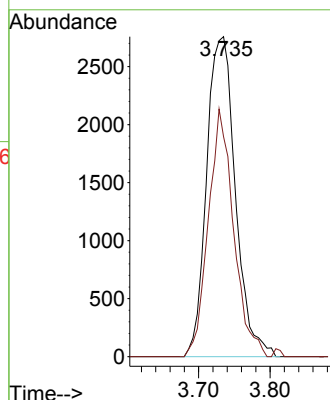
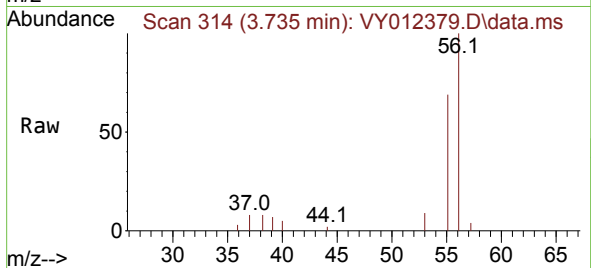
VY0127SBS01

Tgt Ion: 56 Resp: 7711

Ion Ratio Lower Upper

56 100

55 68.1 56.6 85.0



#14

Allyl chloride

Concen: 19.201 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

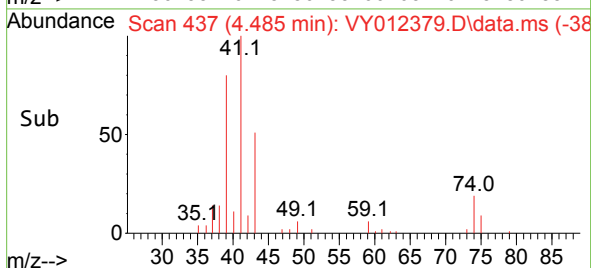
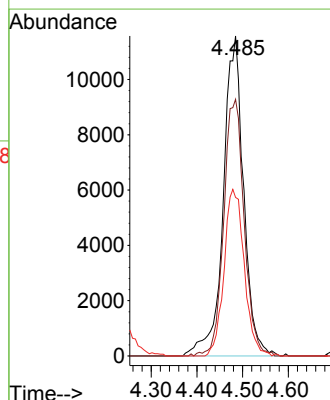
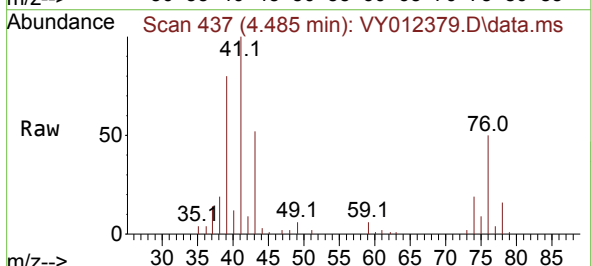
Tgt Ion: 41 Resp: 35751

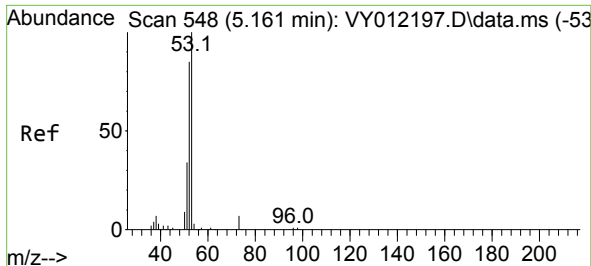
Ion Ratio Lower Upper

41 100

39 80.6 53.5 80.3#

76 51.7 31.1 46.7#

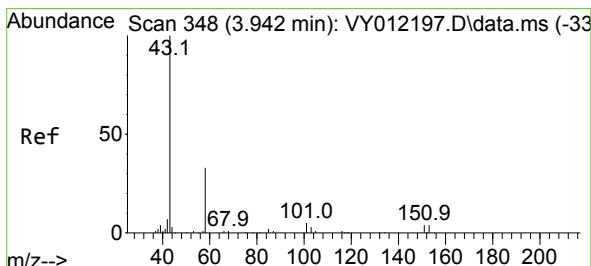
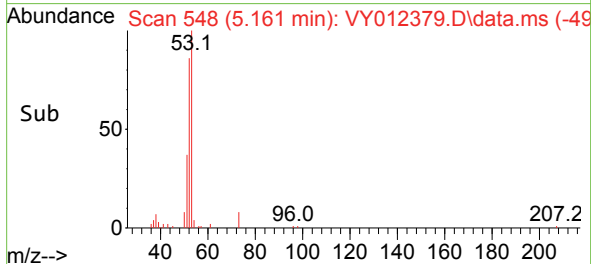
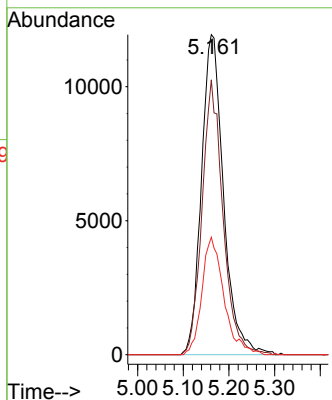
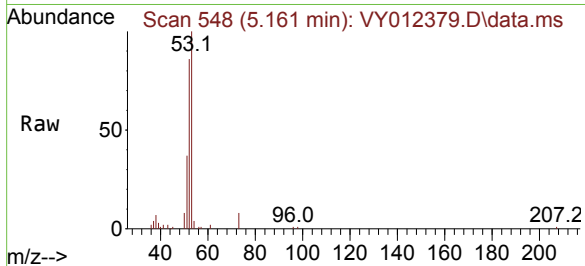




#15
Acrylonitrile
Concen: 102.560 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

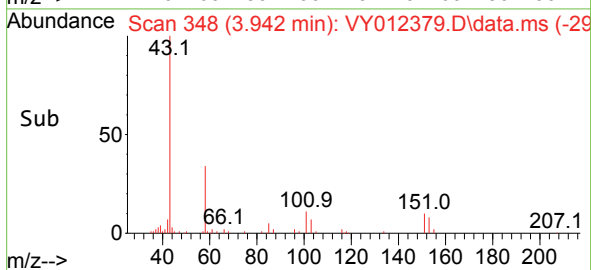
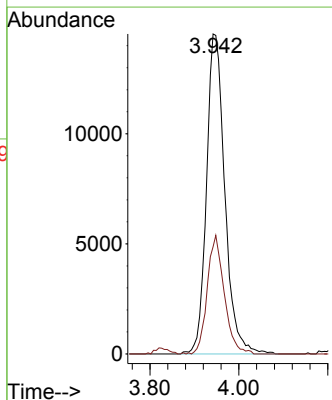
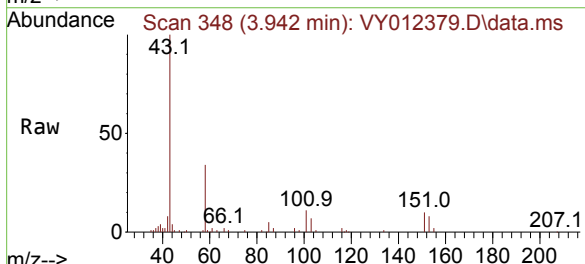
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

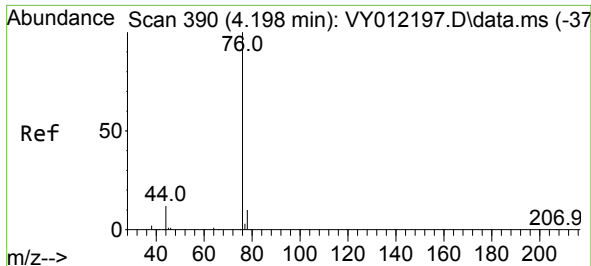
Tgt Ion: 53	Resp:	40167
Ion	Ratio	Lower Upper
53	100	
52	81.2	65.1 97.7
51	36.6	28.7 43.1



#16
Acetone
Concen: 91.325 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 43	Resp:	41694
Ion	Ratio	Lower Upper
43	100	
58	33.5	27.9 41.9

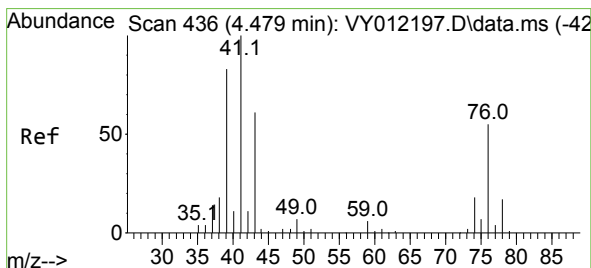
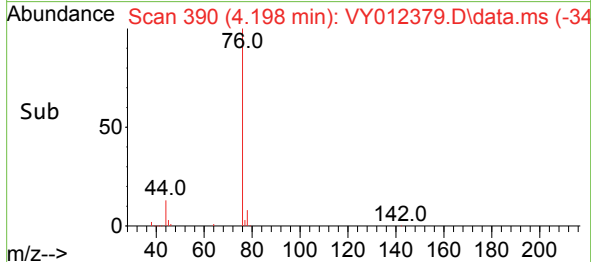
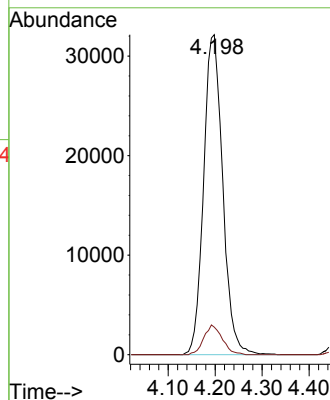
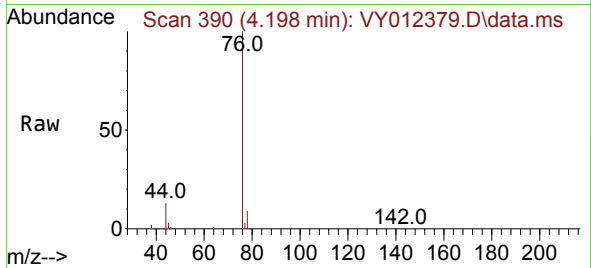




#17
Carbon Disulfide
Concen: 19.447 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

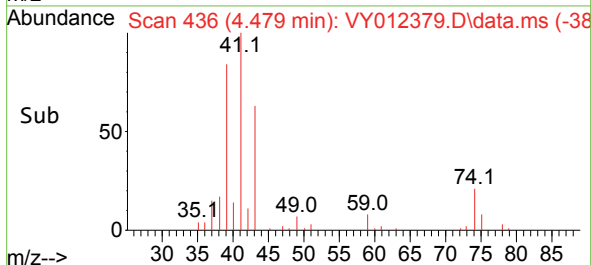
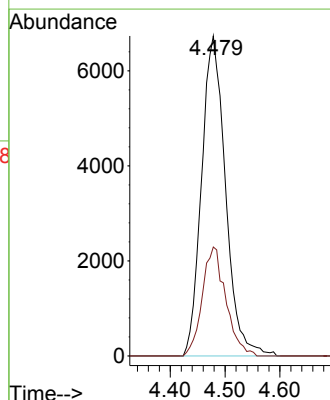
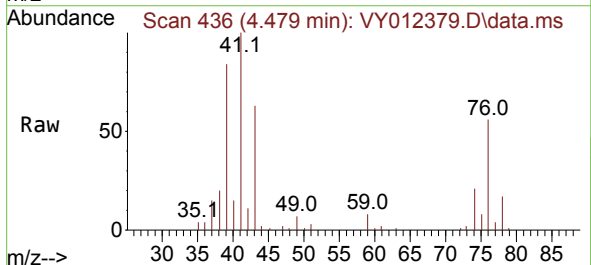
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

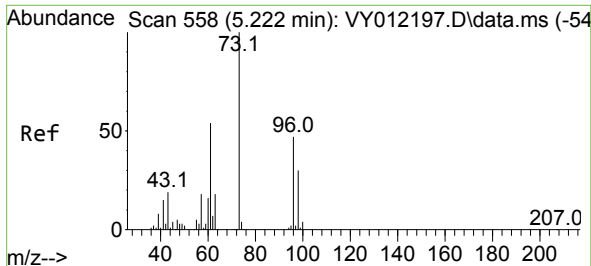
Tgt Ion: 76 Resp: 90580
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 19.988 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 43 Resp: 20420
Ion Ratio Lower Upper
43 100
74 33.5 20.1 30.1#

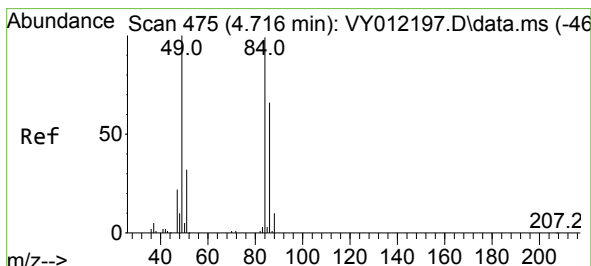
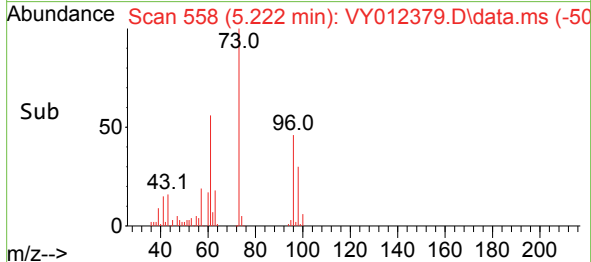
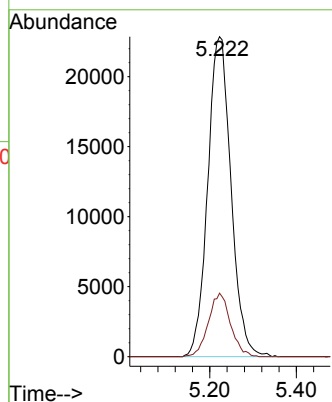
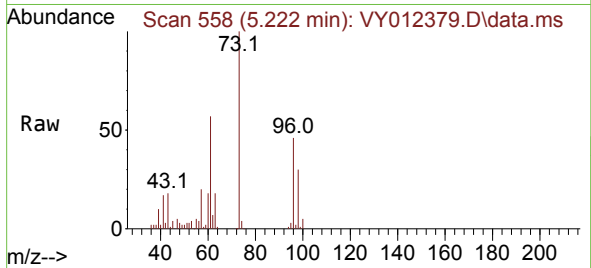




#19
Methyl tert-butyl Ether
Concen: 20.339 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

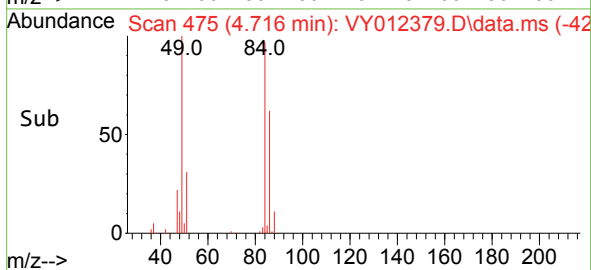
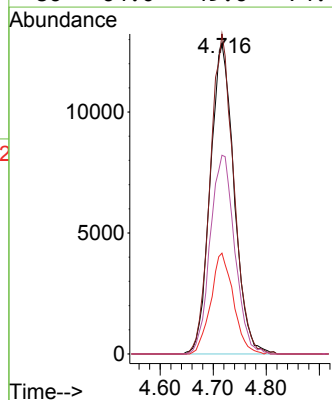
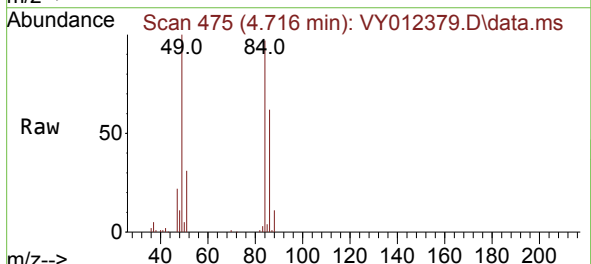
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

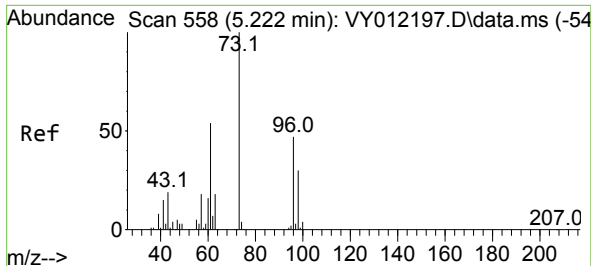
Tgt Ion: 73 Resp: 85377
Ion Ratio Lower Upper
73 100
57 19.9 17.4 26.0



#20
Methylene Chloride
Concen: 15.446 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 84 Resp: 40021
Ion Ratio Lower Upper
84 100
49 103.0 95.4 143.2
51 32.4 29.9 44.9
86 64.0 49.6 74.4

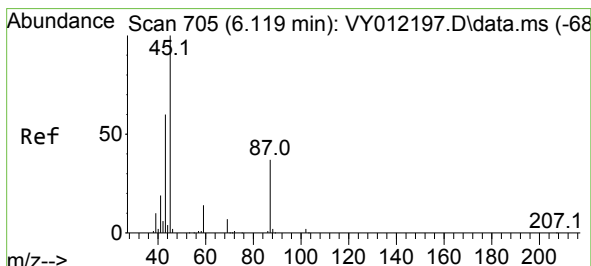
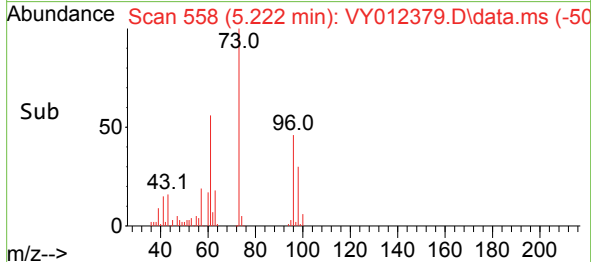
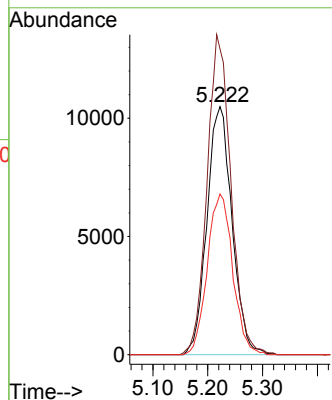
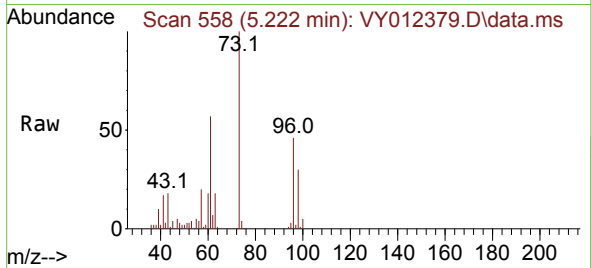




#21
trans-1,2-Dichloroethene
Concen: 19.876 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

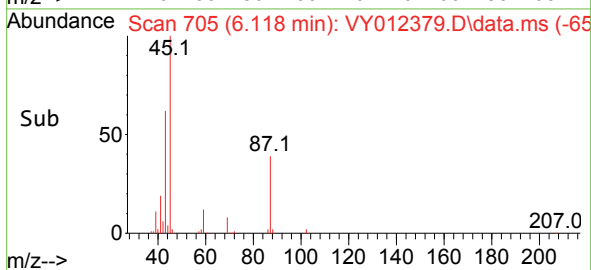
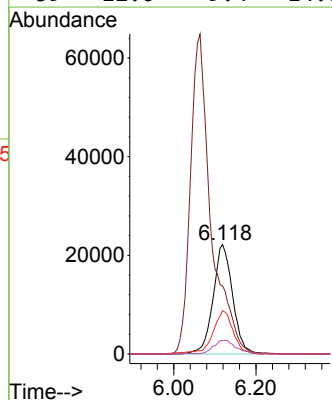
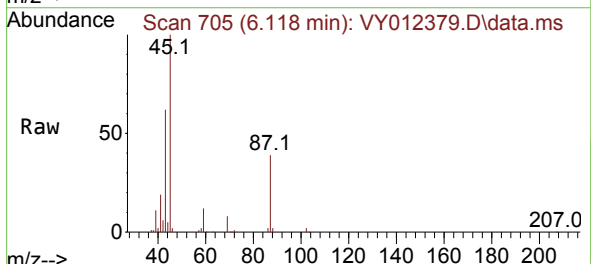
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

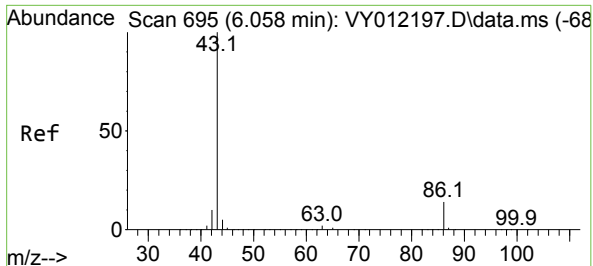
Tgt Ion: 96 Resp: 33399
Ion Ratio Lower Upper
96 100
61 123.3 108.0 162.0
98 64.8 51.6 77.4



#22
Diisopropyl ether
Concen: 19.697 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 45 Resp: 73115
Ion Ratio Lower Upper
45 100
43 61.6 45.0 67.4
87 39.5 22.6 33.8#
59 12.0 9.4 14.0

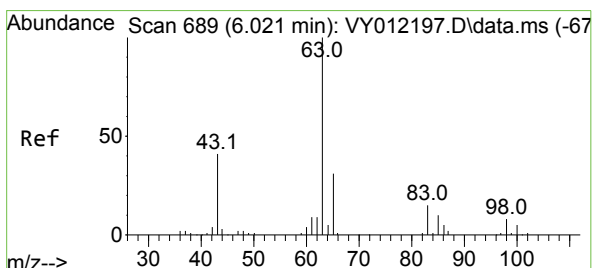
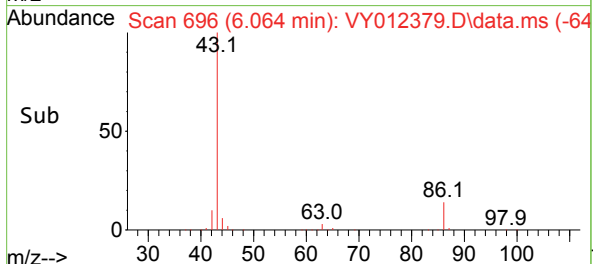
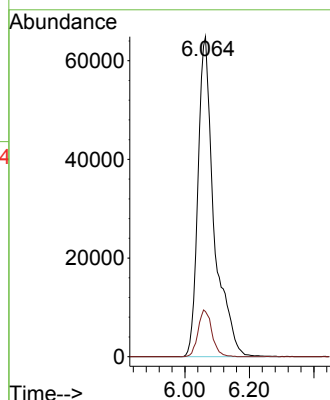
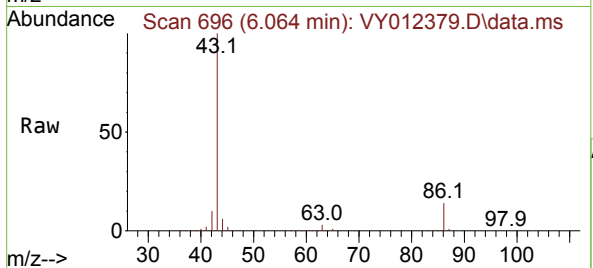




#23
 Vinyl Acetate
 Concen: 97.378 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY012379.D
 Acq: 27 Jan 2023 13:33

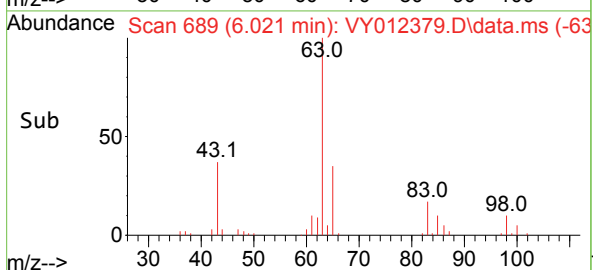
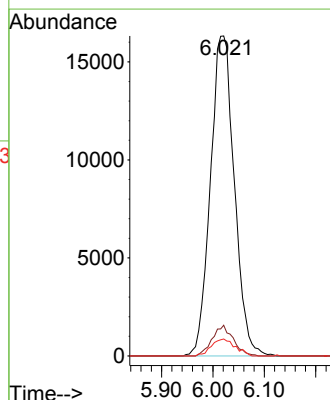
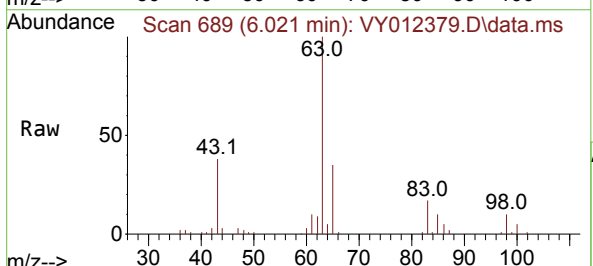
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBSD01

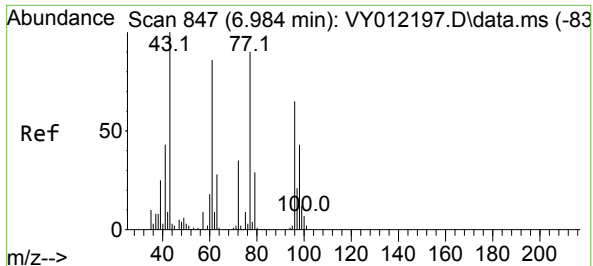
Tgt Ion: 43 Resp: 225240
 Ion Ratio Lower Upper
 43 100
 86 14.1 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 20.512 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012379.D
 Acq: 27 Jan 2023 13:33

Tgt Ion: 63 Resp: 52811
 Ion Ratio Lower Upper
 63 100
 98 9.6 3.5 10.5
 100 5.3 2.2 6.6





#25

2-Butanone

Concen: 99.340 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

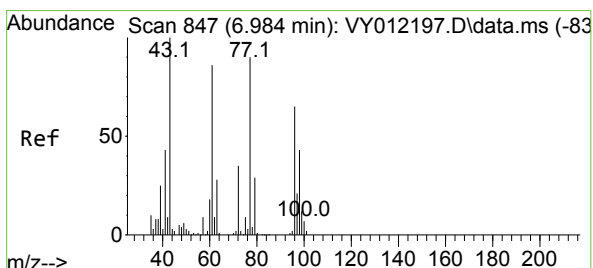
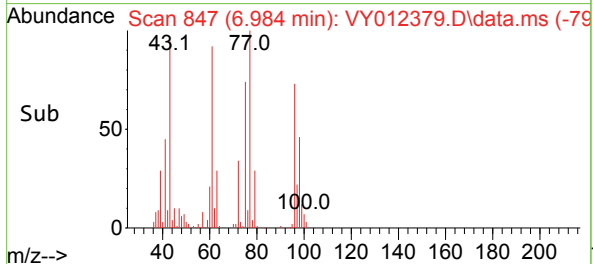
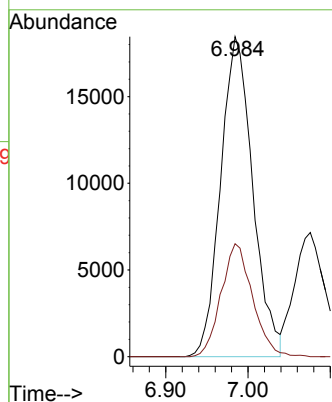
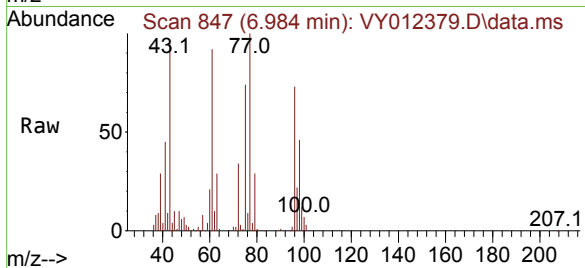
VY0127SBSD01

Tgt Ion: 43 Resp: 50069

Ion Ratio Lower Upper

43 100

72 35.3 22.6 34.0#



#26

2,2-Dichloropropane

Concen: 20.742 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY012379.D

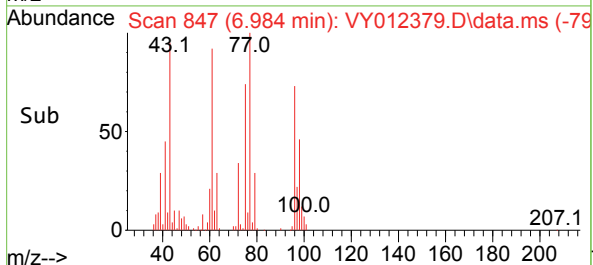
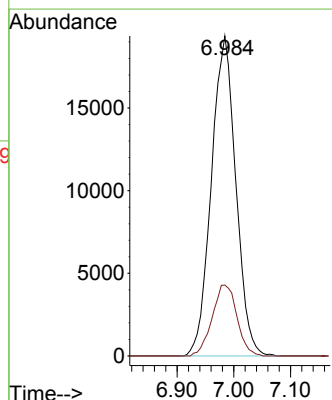
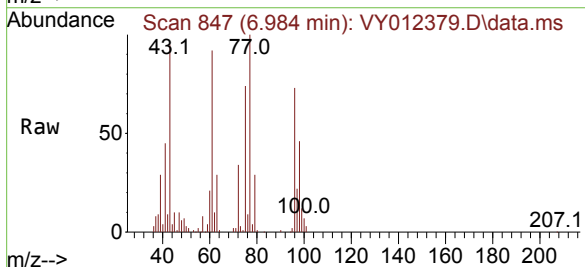
Acq: 27 Jan 2023 13:33

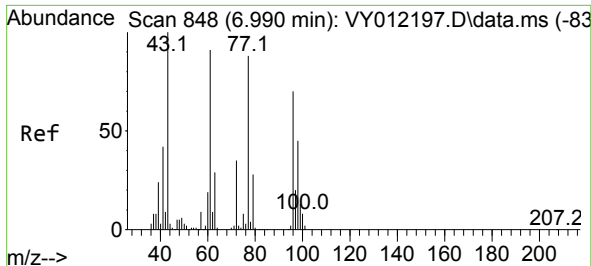
Tgt Ion: 77 Resp: 57973

Ion Ratio Lower Upper

77 100

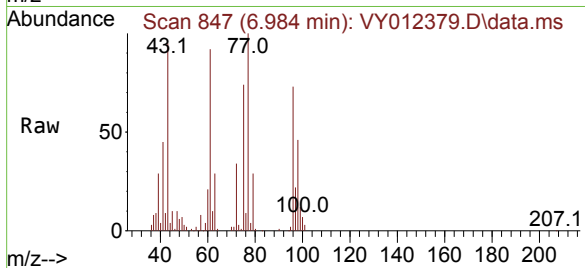
97 22.5 11.4 34.1





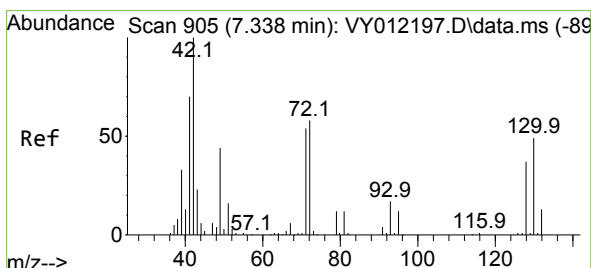
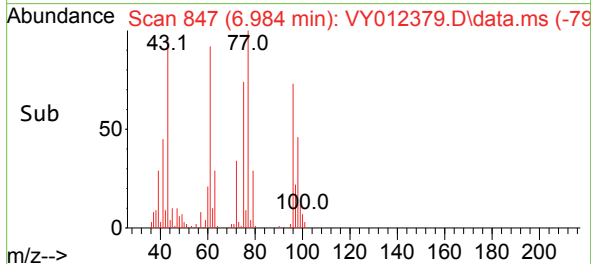
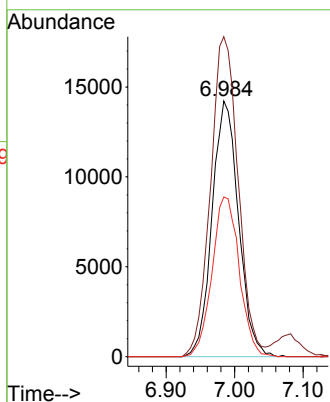
#27
 cis-1,2-Dichloroethene
 Concen: 20.624 ug/l
 RT: 6.984 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY012379.D
 Acq: 27 Jan 2023 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBSD01



Tgt Ion: 96 Resp: 38068

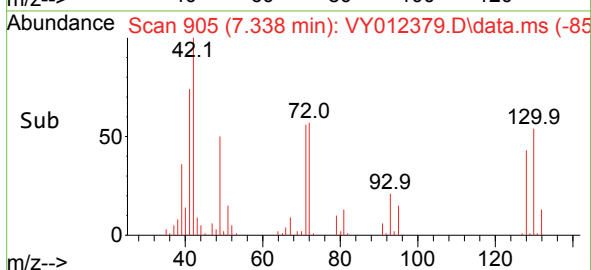
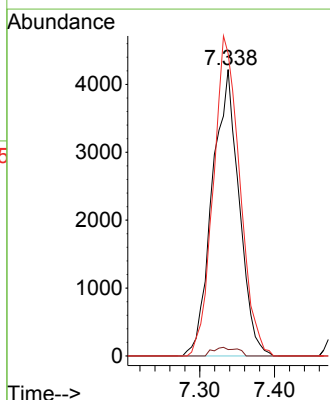
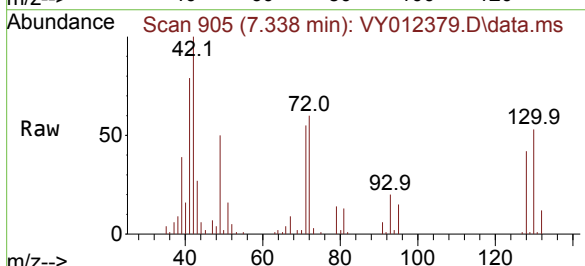
Ion	Ratio	Lower	Upper
96	100		
61	131.1	0.0	283.4
98	64.4	0.0	127.6

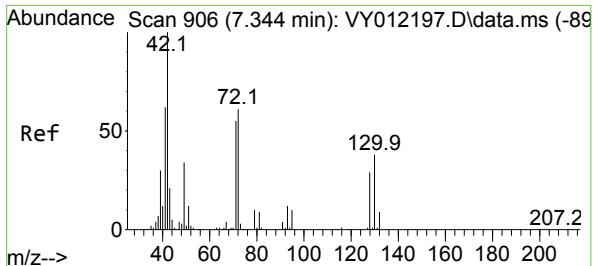


#28
 Bromochloromethane
 Concen: 18.666 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY012379.D
 Acq: 27 Jan 2023 13:33

Tgt Ion: 49 Resp: 10496

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	110.3	66.7	100.1#





#29

Tetrahydrofuran

Concen: 99.212 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBSD01

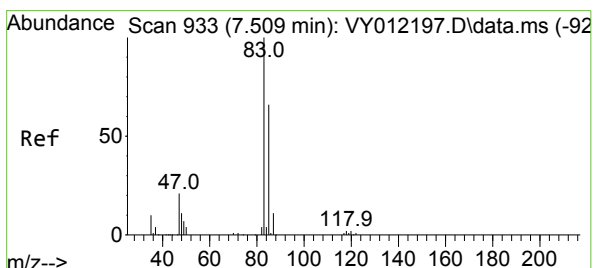
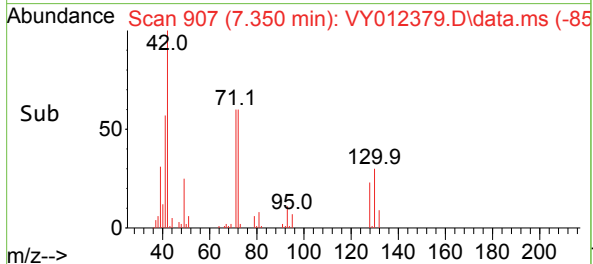
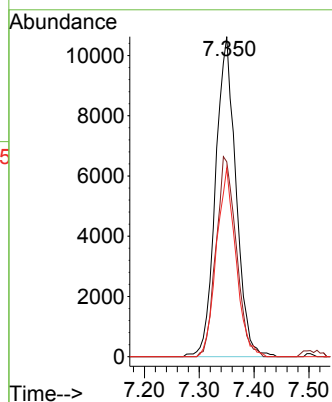
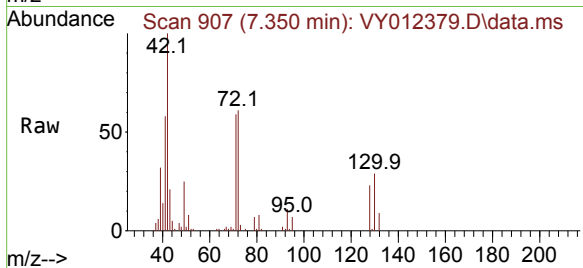
Tgt Ion: 42 Resp: 27467

Ion Ratio Lower Upper

42 100

72 62.0 37.0 55.6#

71 56.2 34.9 52.3#



#30

Chloroform

Concen: 20.507 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.005 min

Lab File: VY012379.D

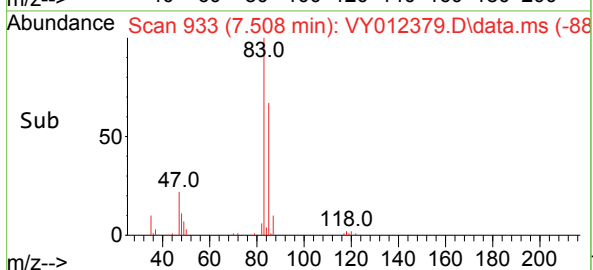
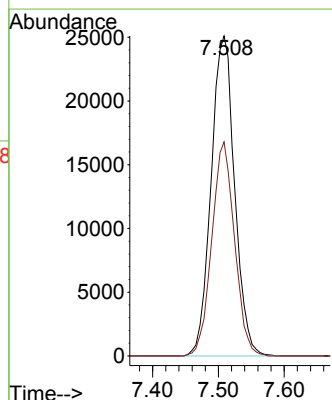
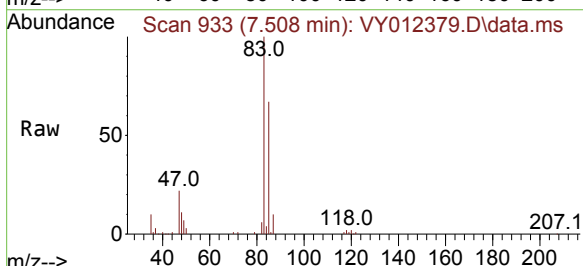
Acq: 27 Jan 2023 13:33

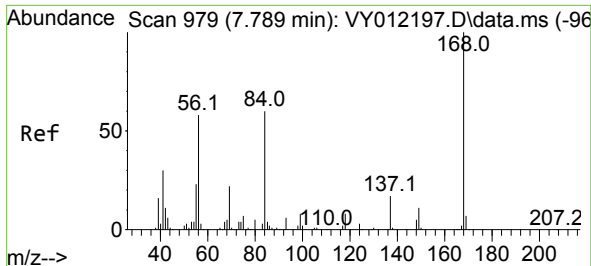
Tgt Ion: 83 Resp: 62327

Ion Ratio Lower Upper

83 100

85 66.9 51.5 77.3

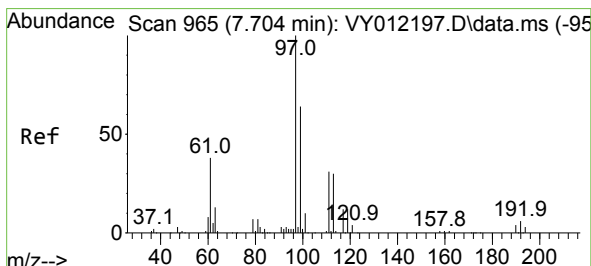
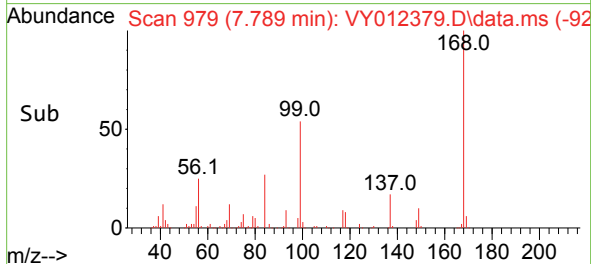
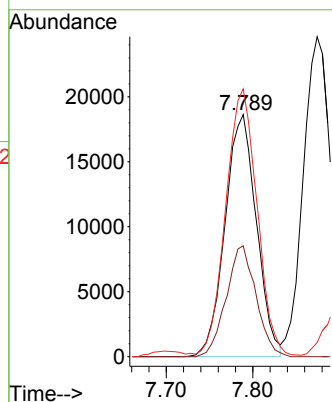
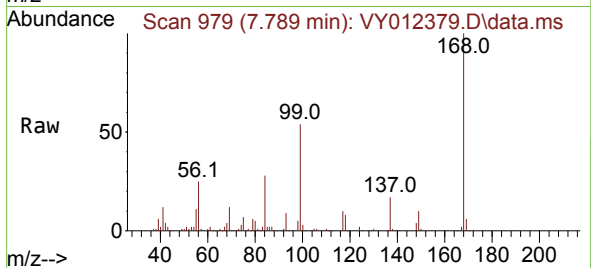




#31
Cyclohexane
Concen: 19.629 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

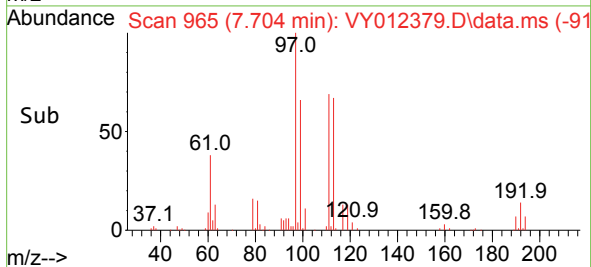
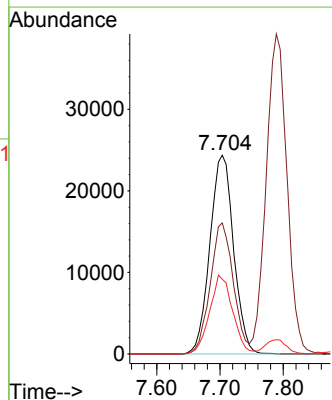
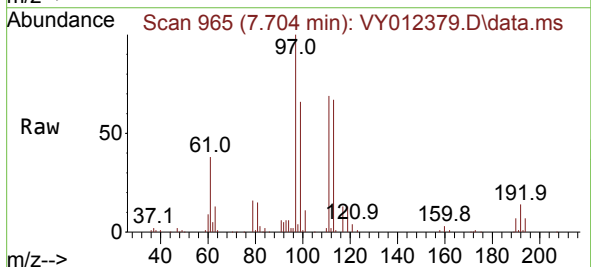
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBS01

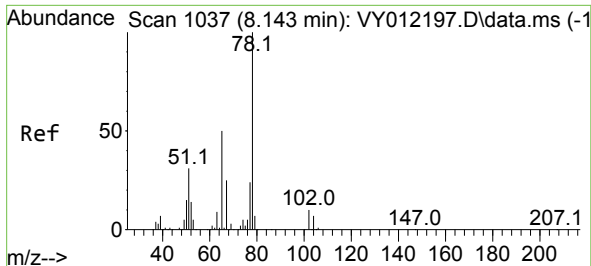
Tgt Ion: 56 Resp: 46923
Ion Ratio Lower Upper
56 100
69 45.8 29.2 43.8#
84 108.8 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 21.066 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 97 Resp: 63386
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 38.6 33.0 49.4

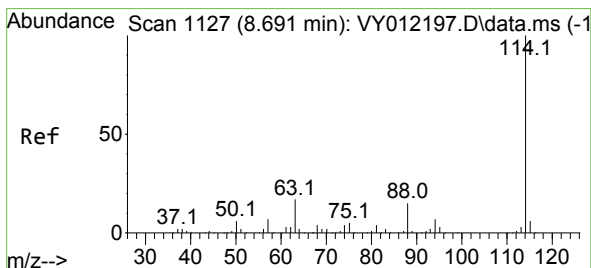
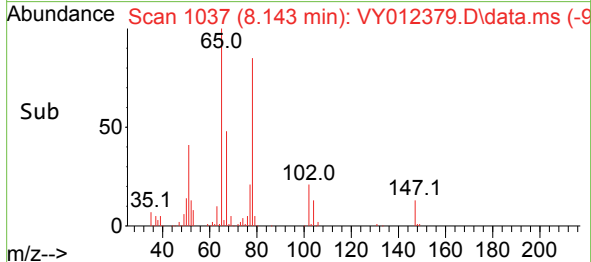
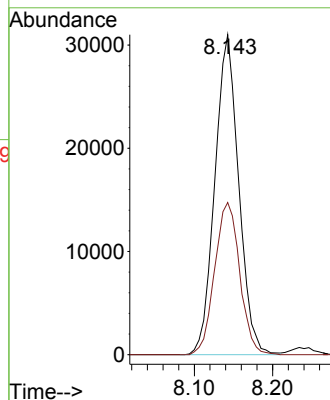
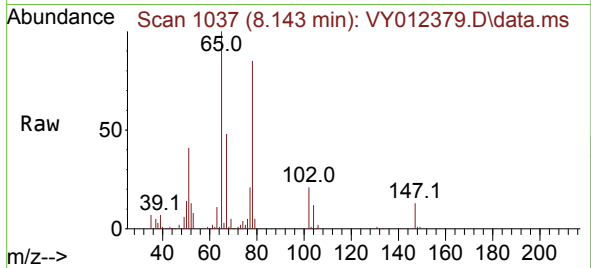




#33
 1,2-Dichloroethane-d4
 Concen: 48.126 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012379.D
 Acq: 27 Jan 2023 13:33

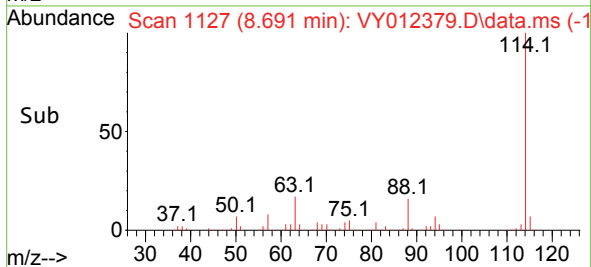
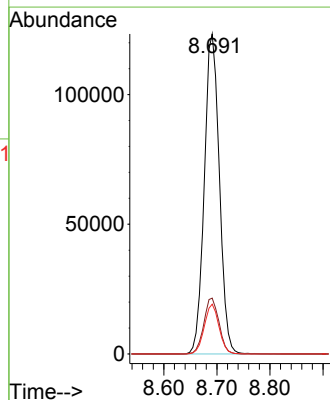
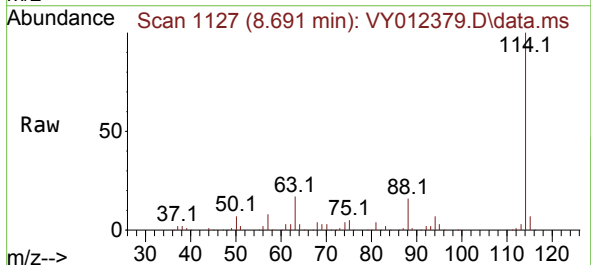
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBSD01

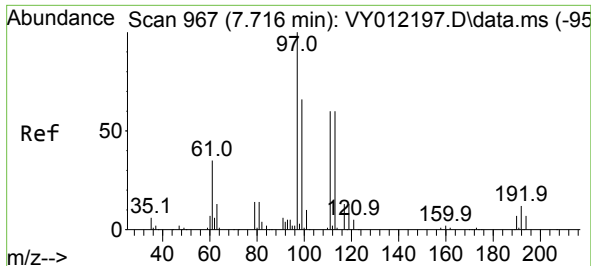
Tgt Ion: 65 Resp: 65604
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012379.D
 Acq: 27 Jan 2023 13:33

Tgt Ion: 114 Resp: 243264
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 39.6
 88 15.5 0.0 32.2

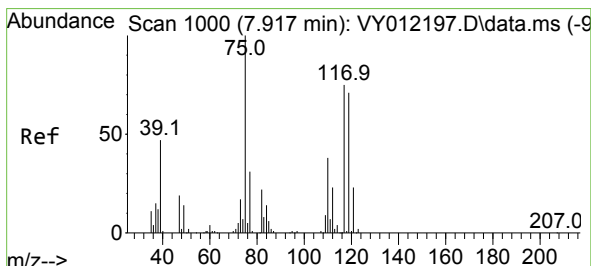
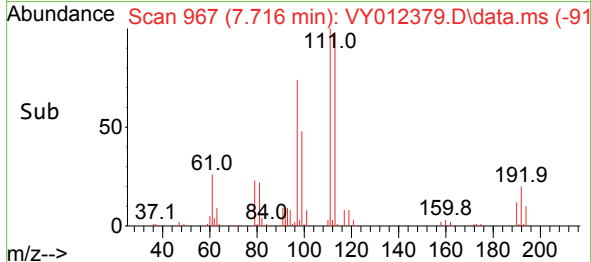
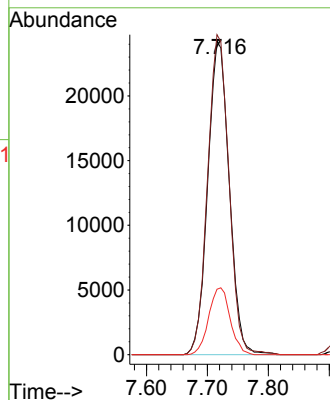
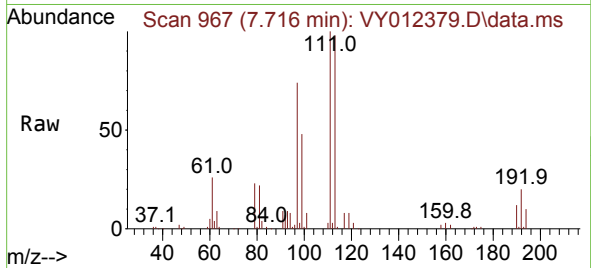




#35
Dibromofluoromethane
Concen: 45.980 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

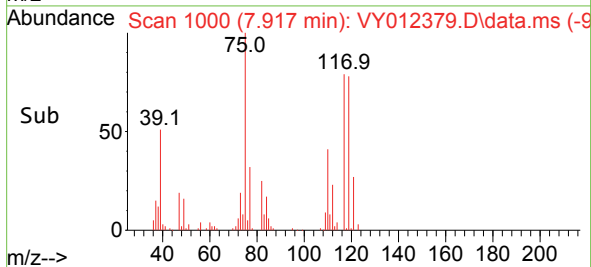
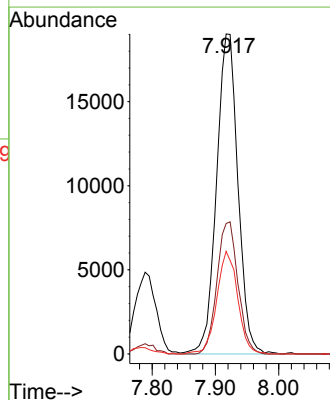
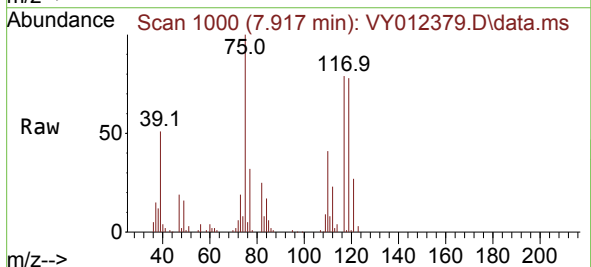
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

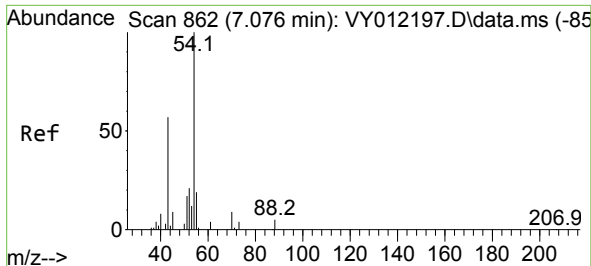
Tgt Ion:113 Resp: 59226
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.4
192 21.4 16.0 24.0



#36
1,1-Dichloropropene
Concen: 20.406 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 75 Resp: 44671
Ion Ratio Lower Upper
75 100
110 40.4 18.1 54.1
77 31.4 25.1 37.7





#37

Ethyl Acetate

Concen: 19.995 ug/l

RT: 7.076 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBSD01

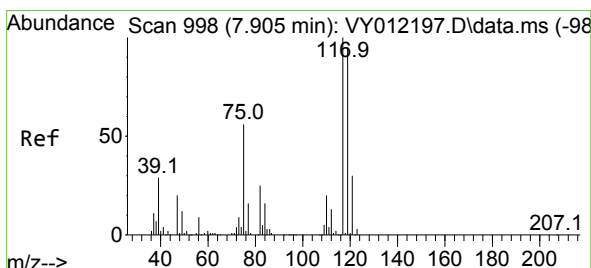
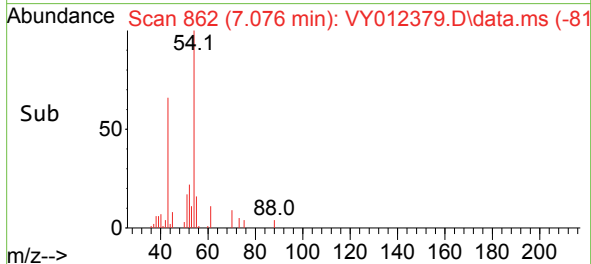
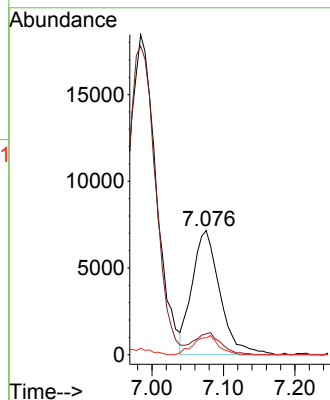
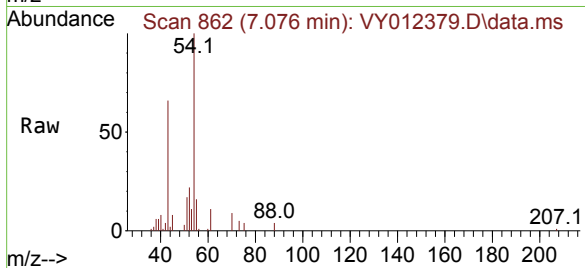
Tgt Ion: 43 Resp: 19296

Ion Ratio Lower Upper

43 100

61 17.1 11.3 16.9#

70 13.6 8.2 12.4#



#38

Carbon Tetrachloride

Concen: 21.518 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

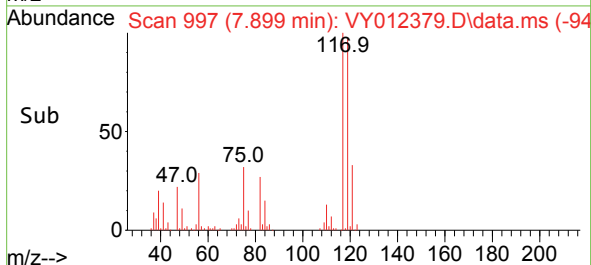
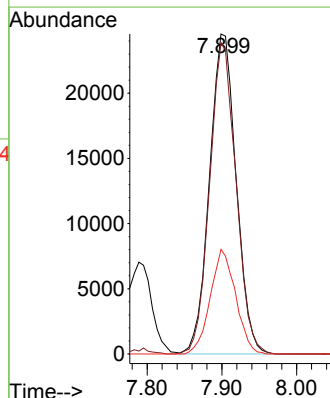
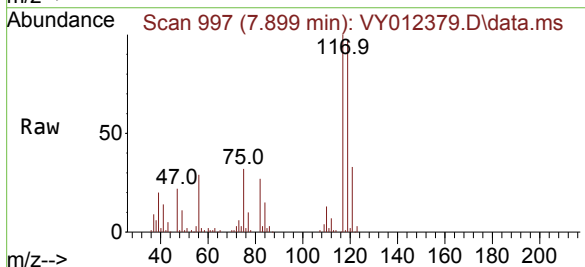
Tgt Ion: 117 Resp: 60838

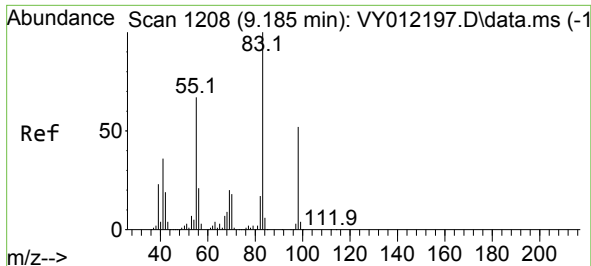
Ion Ratio Lower Upper

117 100

119 97.3 73.8 110.8

121 32.7 25.2 37.8





#39

Methylcyclohexane

Concen: 21.154 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBSD01

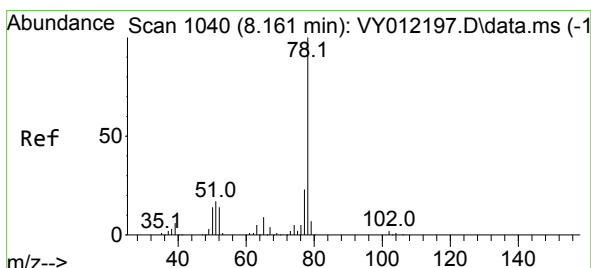
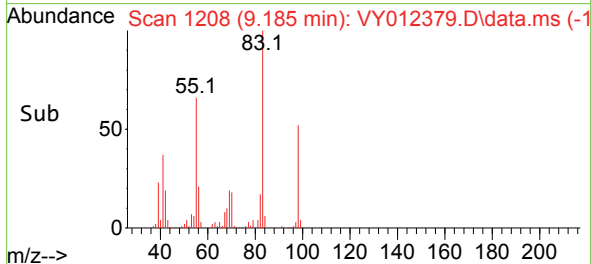
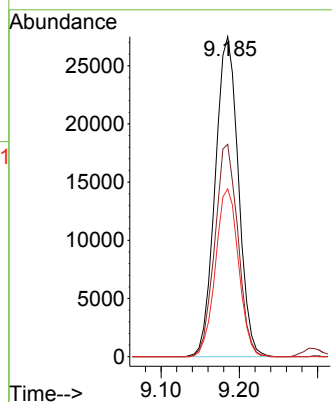
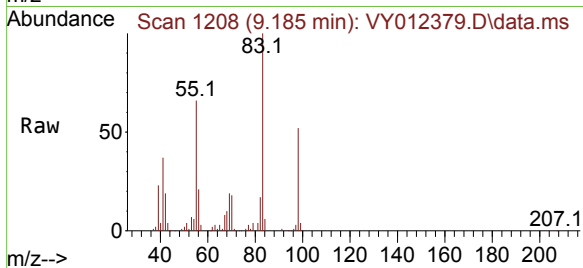
Tgt Ion: 83 Resp: 56591

Ion Ratio Lower Upper

83 100

55 66.3 58.2 87.2

98 52.5 38.6 58.0



#40

Benzene

Concen: 20.963 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012379.D

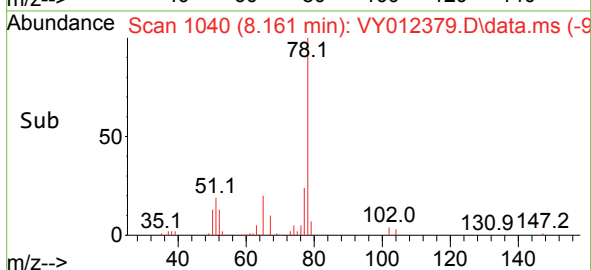
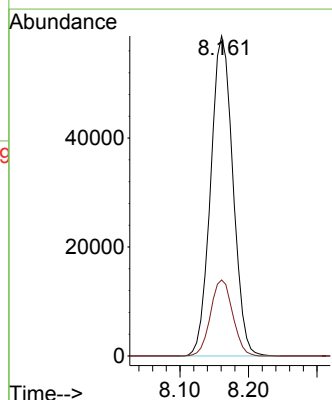
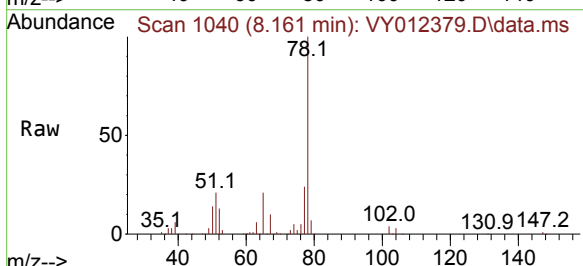
Acq: 27 Jan 2023 13:33

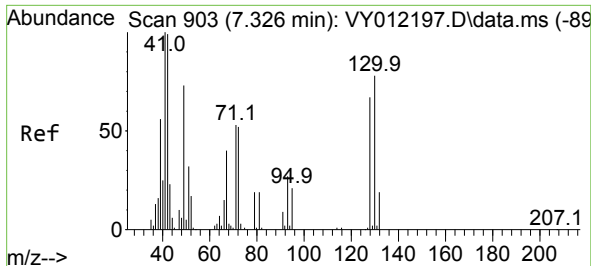
Tgt Ion: 78 Resp: 132453

Ion Ratio Lower Upper

78 100

77 23.8 18.6 27.8

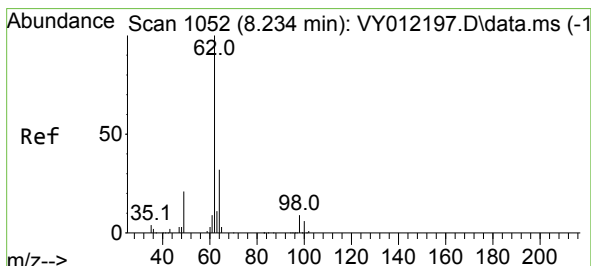
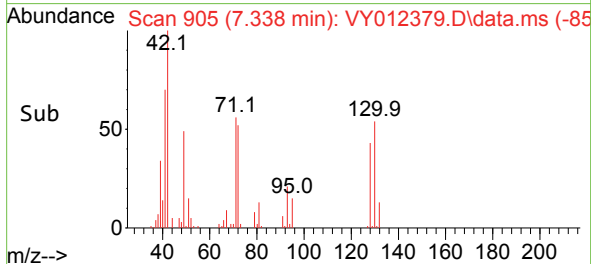
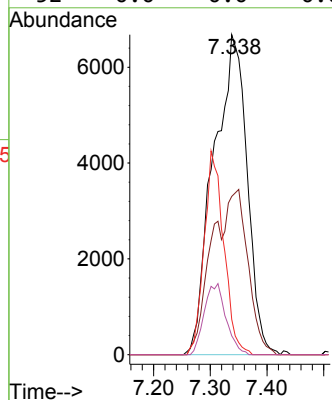
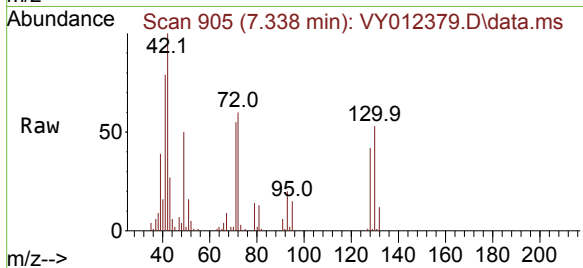




#41
Methacrylonitrile
Concen: 48.283 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

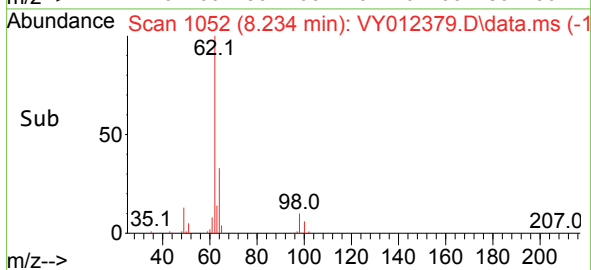
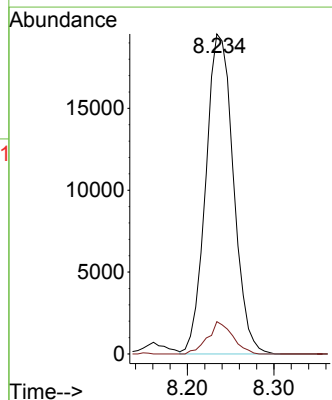
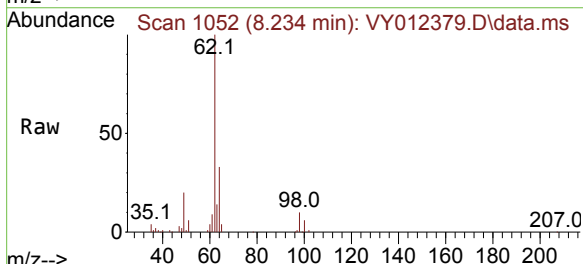
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

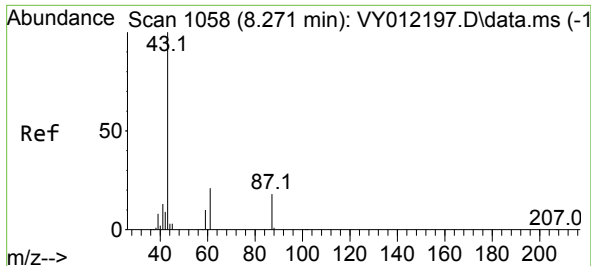
Tgt Ion: 41 Resp: 27389
Ion Ratio Lower Upper
41 100
39 31.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.548 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 62 Resp: 43343
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.6

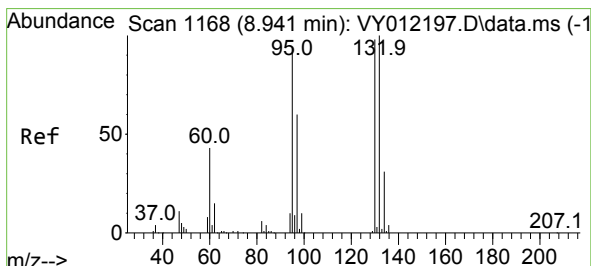
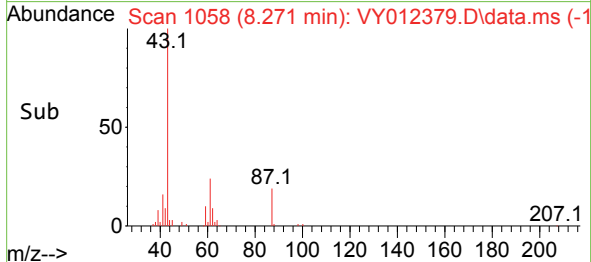
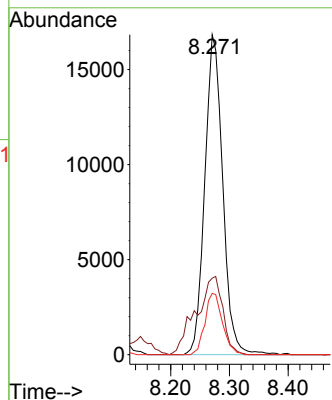
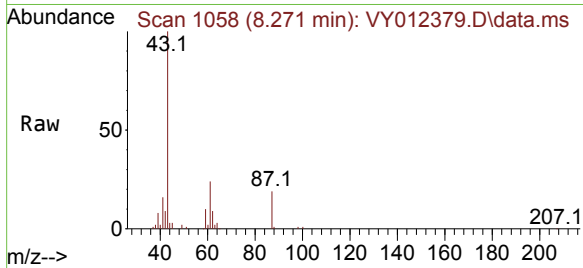




#43
Isopropyl Acetate
Concen: 19.888 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

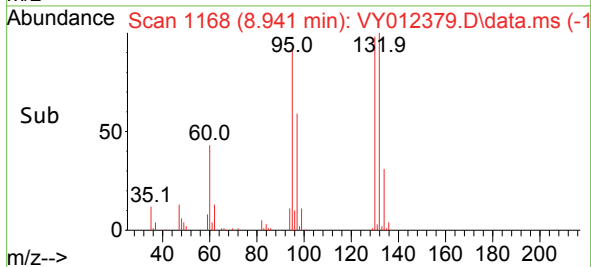
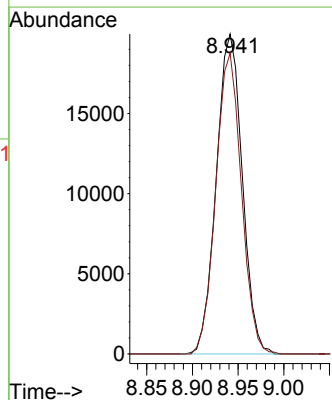
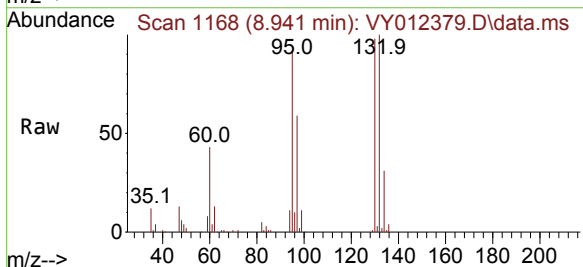
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

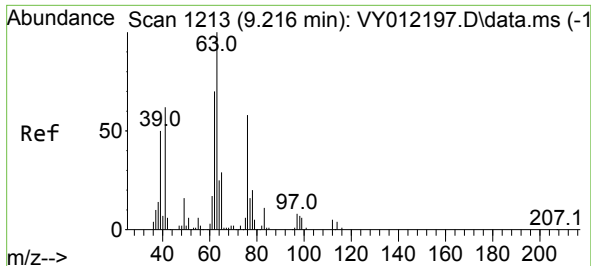
Tgt Ion: 43 Resp: 35709
Ion Ratio Lower Upper
43 100
61 36.4 24.4 36.6
87 18.8 11.4 17.2#



#44
Trichloroethene
Concen: 20.886 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion:130 Resp: 39443
Ion Ratio Lower Upper
130 100
95 93.9 0.0 190.6





#45

1,2-Dichloropropane

Concen: 20.085 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

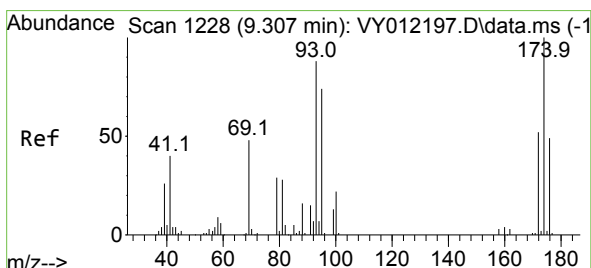
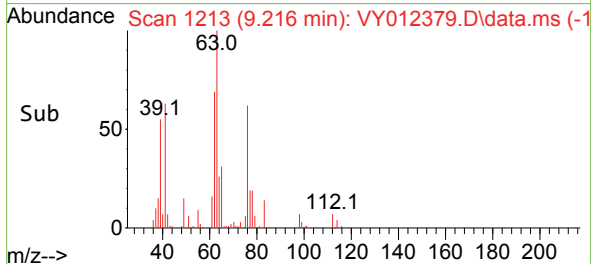
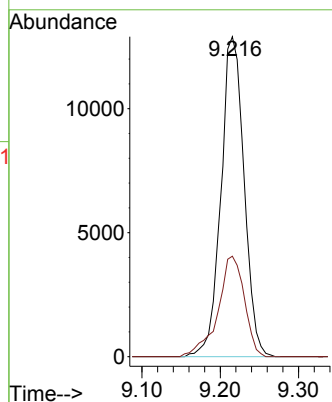
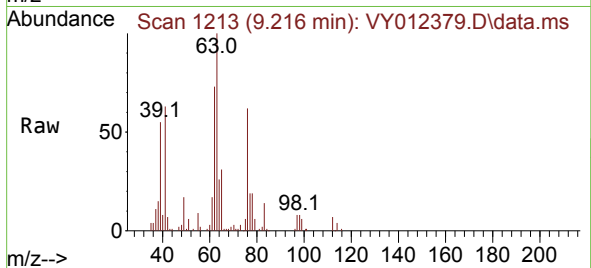
VY0127SBSD01

Tgt Ion: 63 Resp: 26480

Ion Ratio Lower Upper

63 100

65 31.4 24.9 37.3



#46

Dibromomethane

Concen: 20.632 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

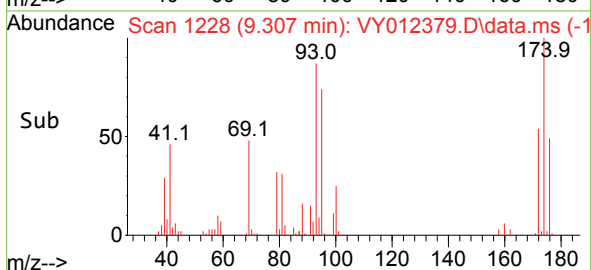
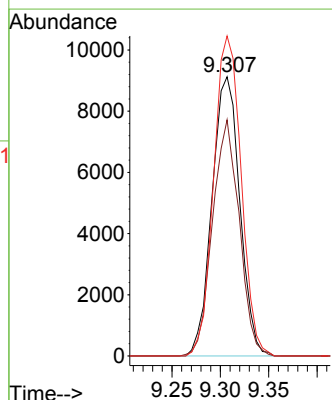
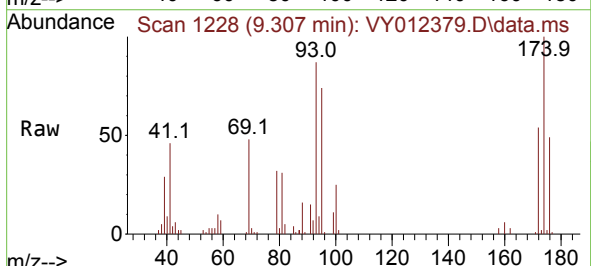
Tgt Ion: 93 Resp: 18210

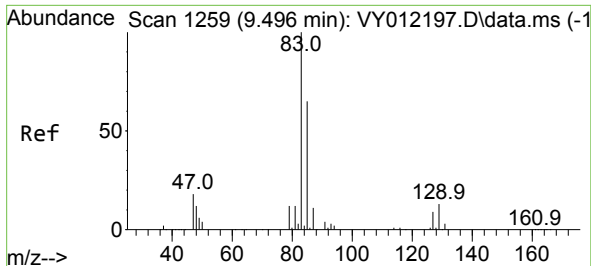
Ion Ratio Lower Upper

93 100

95 81.2 66.1 99.1

174 113.2 84.7 127.1

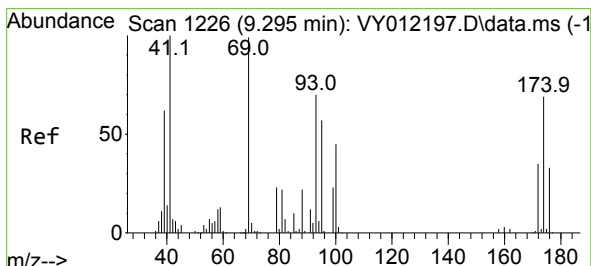
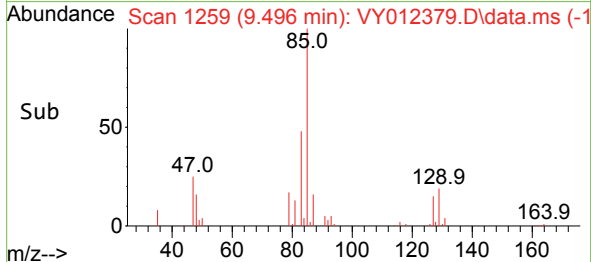
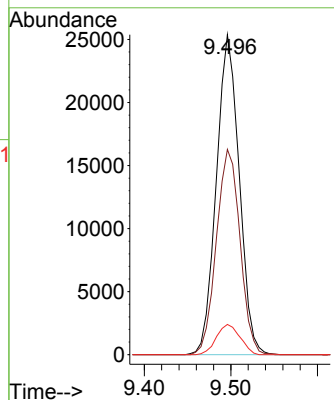
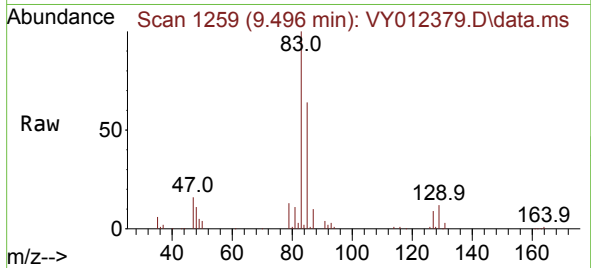




#47
Bromodichloromethane
Concen: 20.926 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

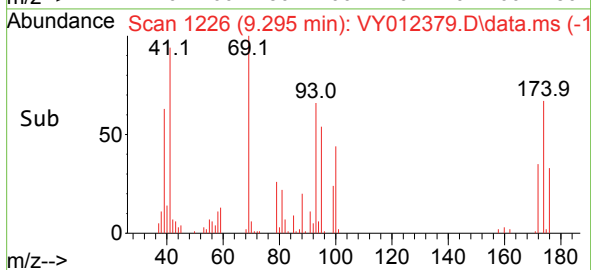
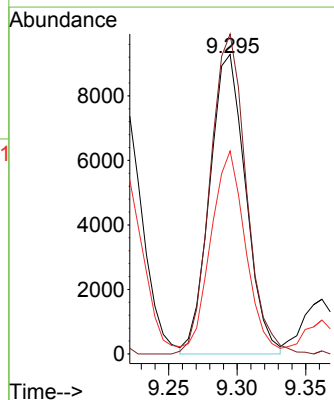
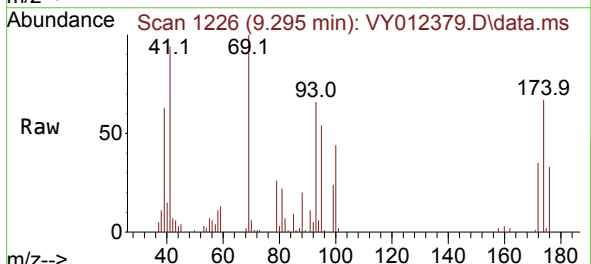
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

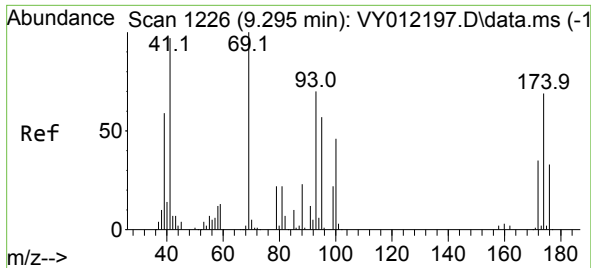
Tgt Ion: 83 Resp: 46492
Ion Ratio Lower Upper
83 100
85 64.2 52.0 78.0
127 9.5 7.3 10.9



#48
Methyl methacrylate
Concen: 20.537 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 41 Resp: 16990
Ion Ratio Lower Upper
41 100
69 106.3 74.2 111.2
39 61.4 46.3 69.5

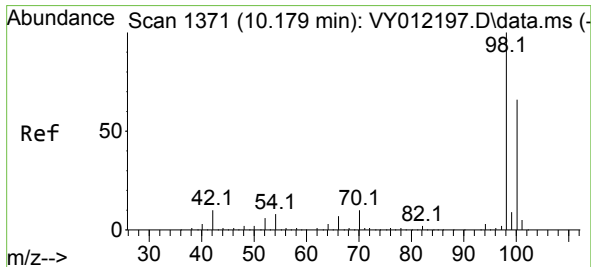
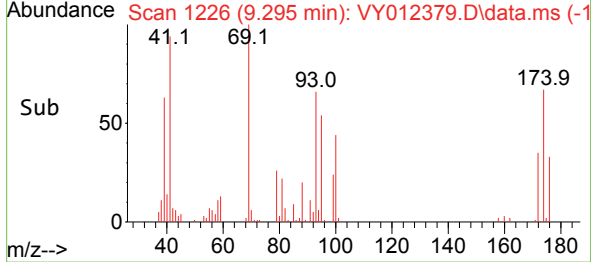
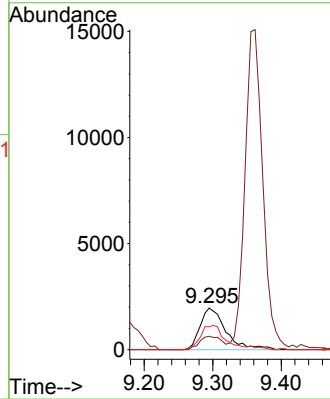
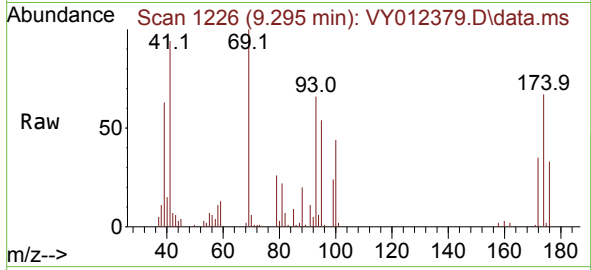




#49
1,4-Dioxane
Concen: 425.805 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

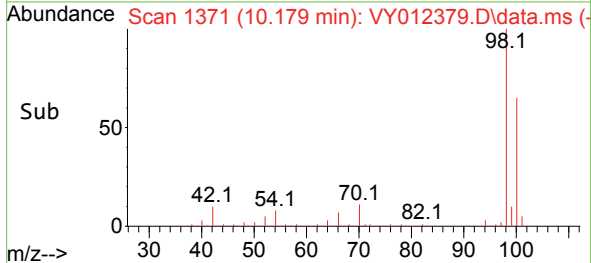
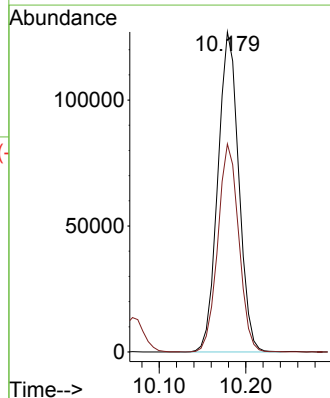
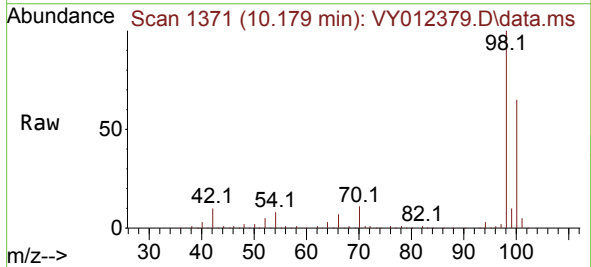
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

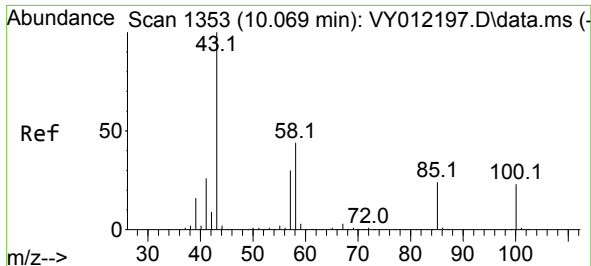
Tgt Ion: 88 Resp: 5121
Ion Ratio Lower Upper
88 100
43 27.4 26.2 39.2
58 58.7 54.3 81.5



#50
Toluene-d8
Concen: 47.419 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 98 Resp: 212629
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

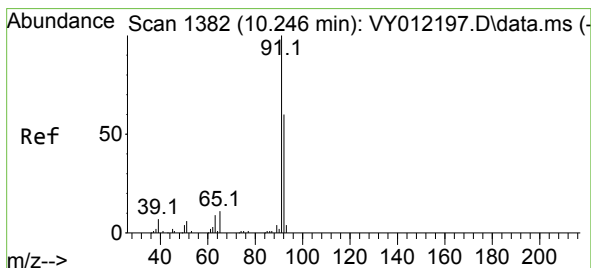
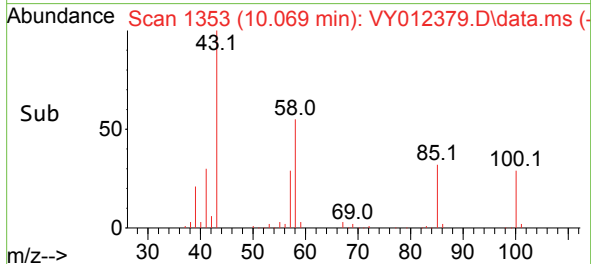
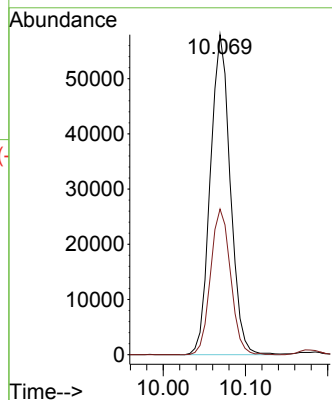
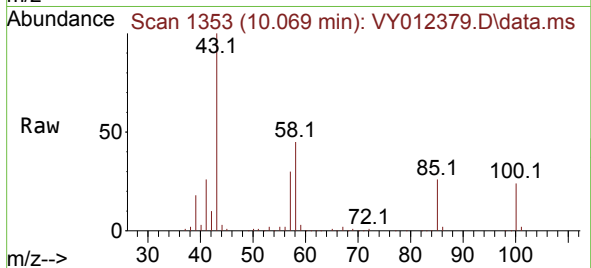




#51
4-Methyl-2-Pentanone
Concen: 102.229 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

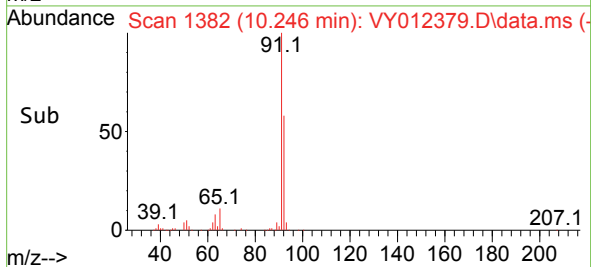
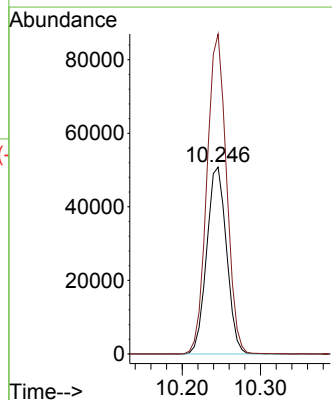
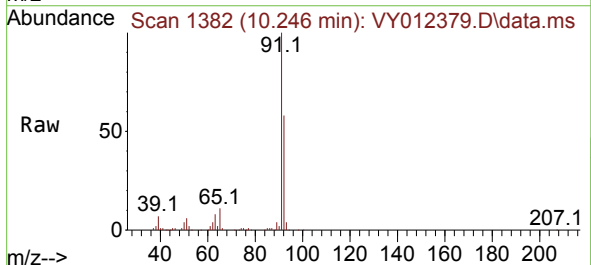
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

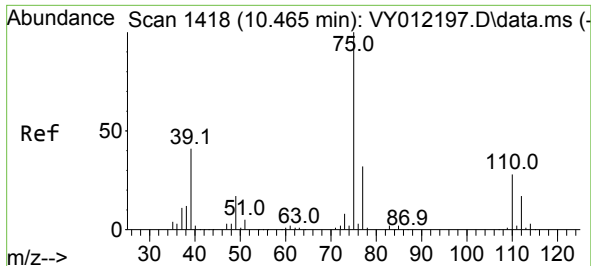
Tgt Ion: 43 Resp: 97874
Ion Ratio Lower Upper
43 100
58 45.6 32.9 49.3



#52
Toluene
Concen: 21.223 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 92 Resp: 89283
Ion Ratio Lower Upper
92 100
91 168.8 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 20.432 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

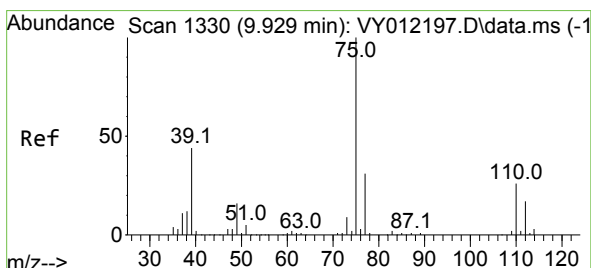
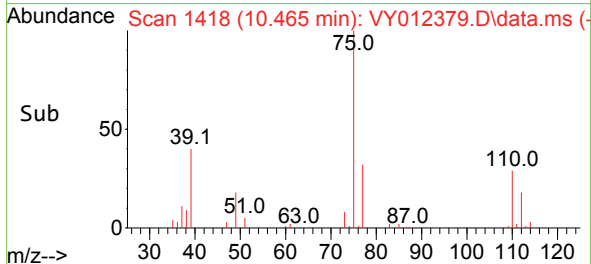
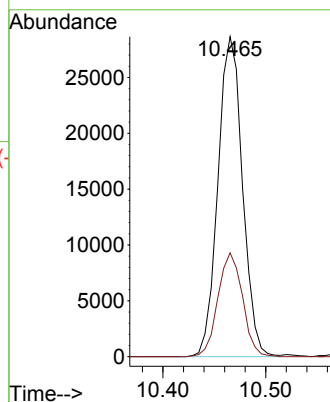
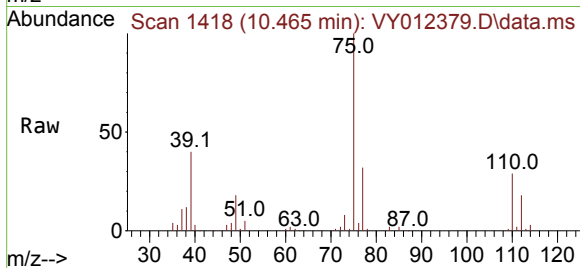
VY0127SBS01

Tgt Ion: 75 Resp: 47482

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 20.357 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

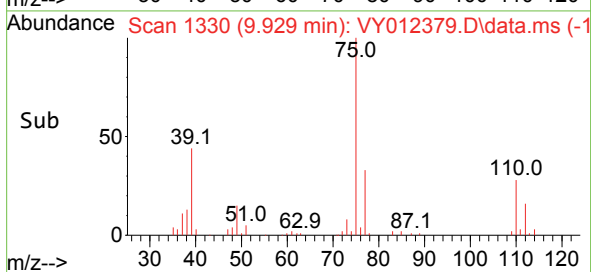
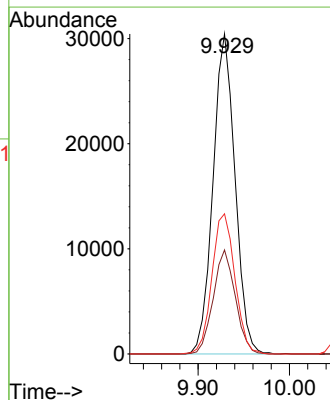
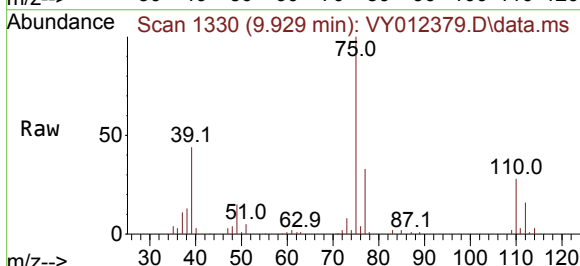
Tgt Ion: 75 Resp: 50948

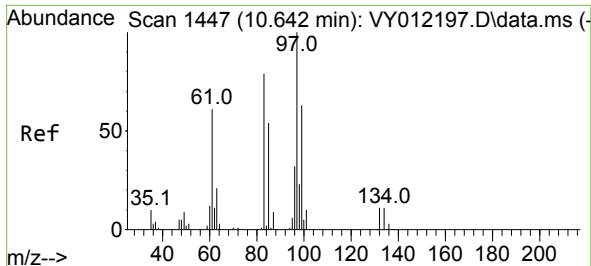
Ion Ratio Lower Upper

75 100

77 32.5 25.9 38.9

39 43.8 34.6 52.0

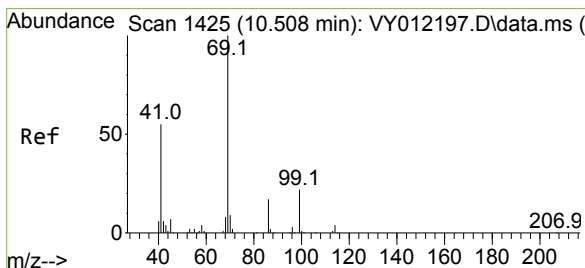
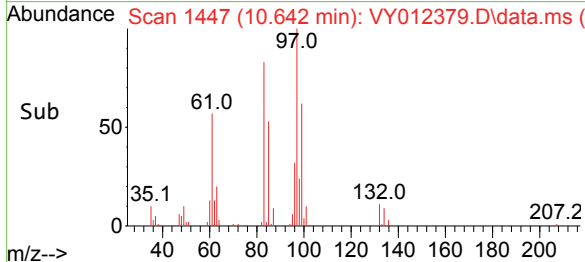
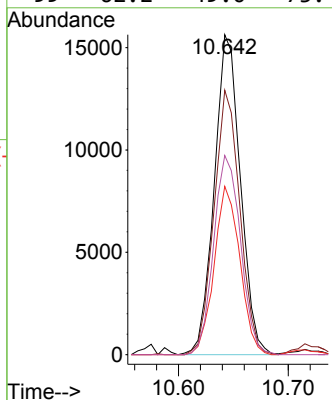
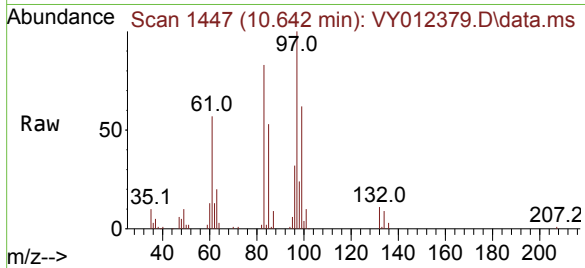




#55
 1,1,2-Trichloroethane
 Concen: 20.671 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY012379.D
 Acq: 27 Jan 2023 13:33

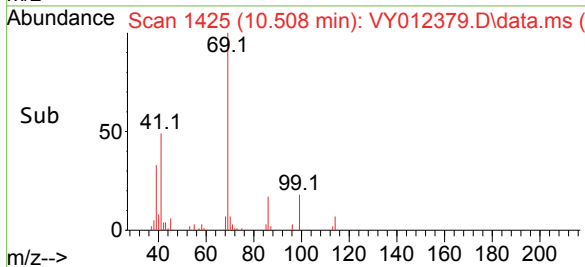
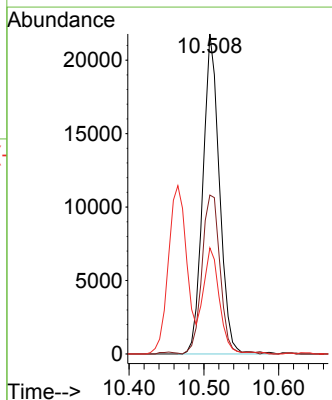
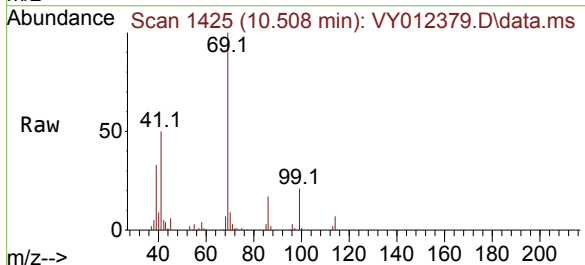
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBSD01

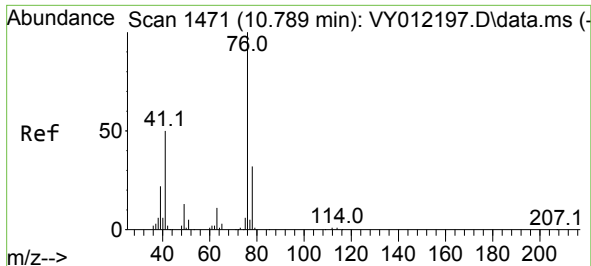
Tgt Ion: 97	Resp: 25921
Ion Ratio	Lower Upper
97 100	
83 82.6	67.7 101.5
85 52.6	43.8 65.8
99 62.2	49.0 73.4



#56
 Ethyl methacrylate
 Concen: 20.426 ug/l
 RT: 10.508 min Scan# 1425
 Delta R.T. -0.000 min
 Lab File: VY012379.D
 Acq: 27 Jan 2023 13:33

Tgt Ion: 69	Resp: 33604		
Ion Ratio	Lower	Upper	
69 100			
41 54.2	48.9	73.3	
39 31.1	25.9	38.9	





#57

1,3-Dichloropropane

Concen: 20.655 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

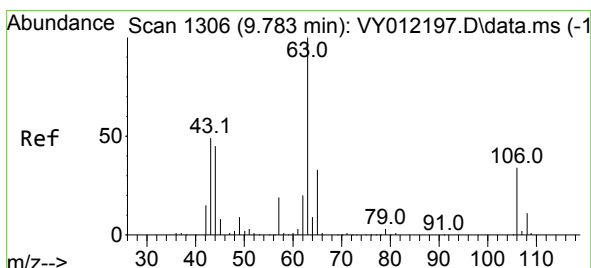
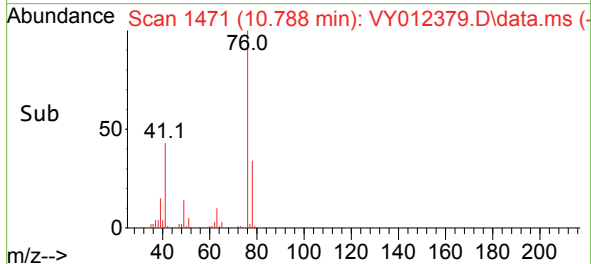
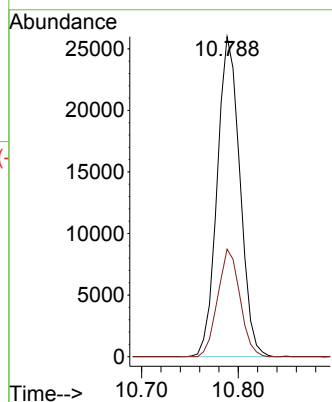
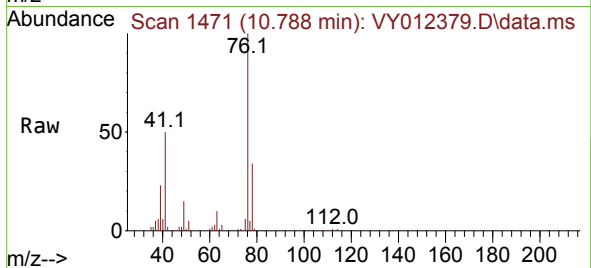
VY0127SBSD01

Tgt Ion: 76 Resp: 42300

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.041 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012379.D

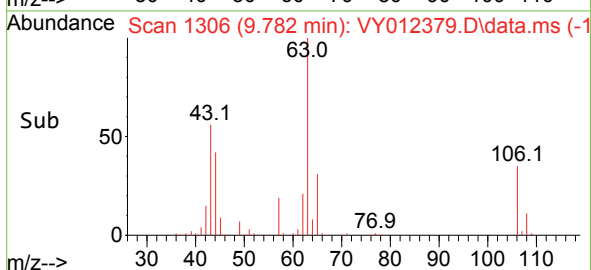
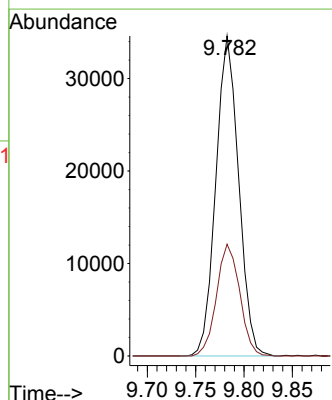
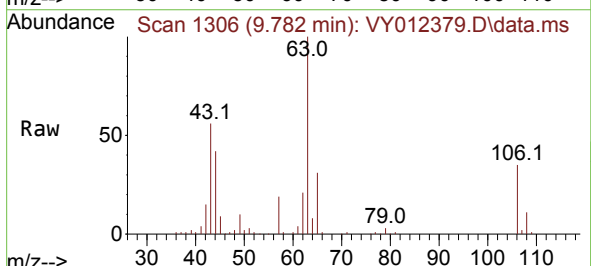
Acq: 27 Jan 2023 13:33

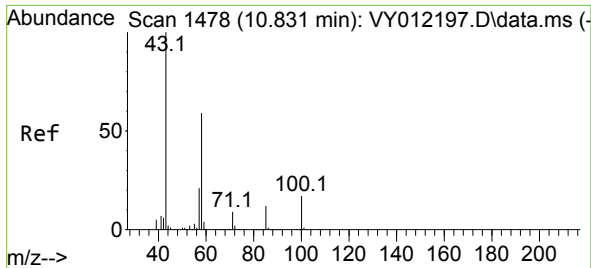
Tgt Ion: 63 Resp: 56635

Ion Ratio Lower Upper

63 100

106 35.6 23.2 34.8#

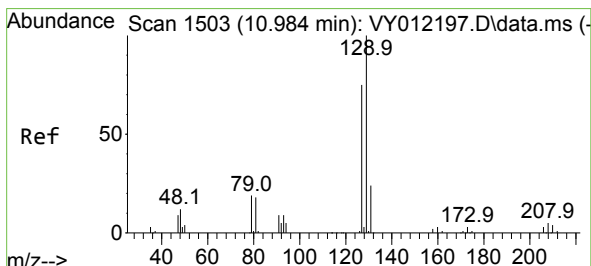
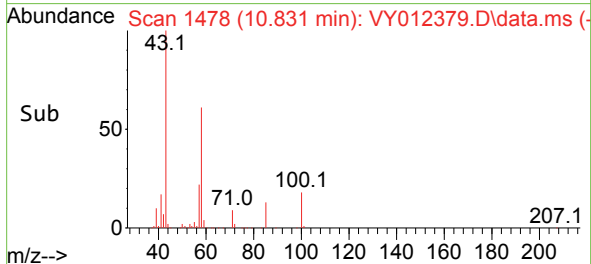
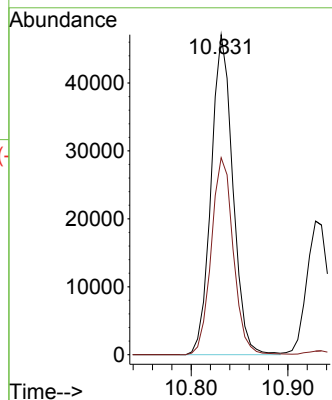
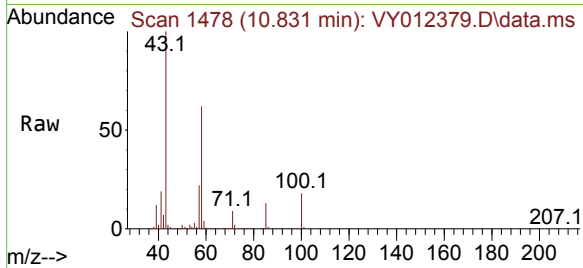




#59
2-Hexanone
Concen: 100.685 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

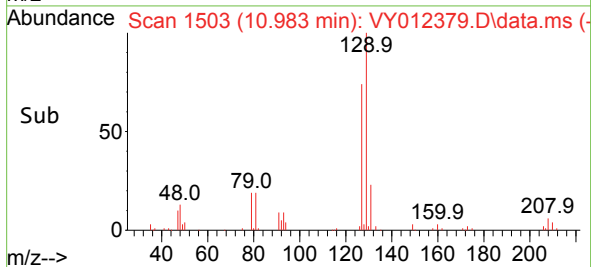
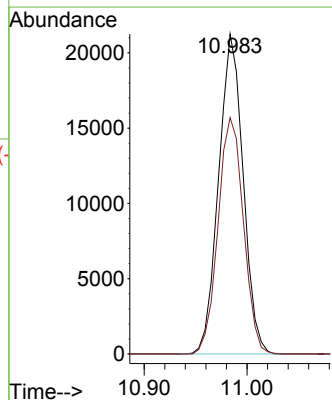
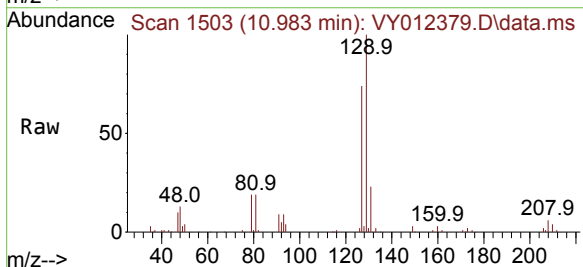
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

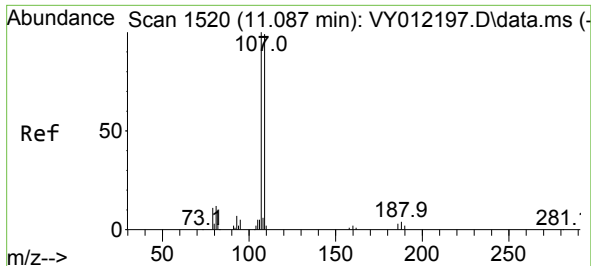
Tgt Ion: 43 Resp: 73391
Ion Ratio Lower Upper
43 100
58 62.5 28.4 85.2



#60
Dibromochloromethane
Concen: 21.114 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion:129 Resp: 35116
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.6

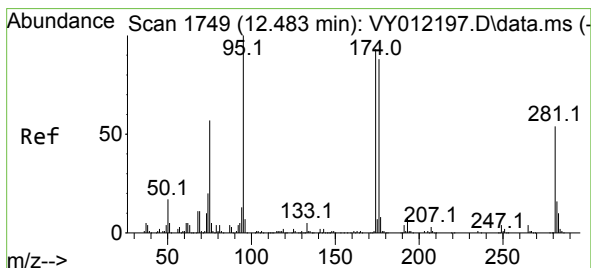
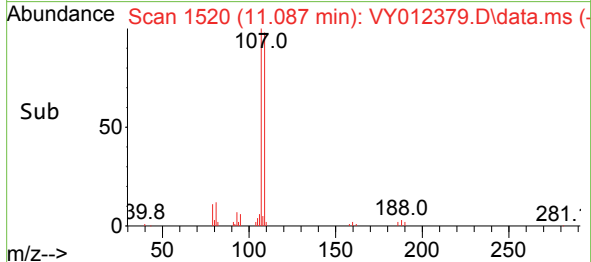
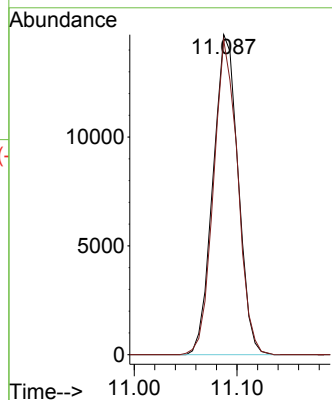
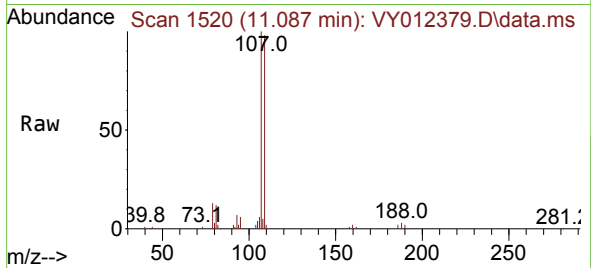




#61
1,2-Dibromoethane
Concen: 20.553 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

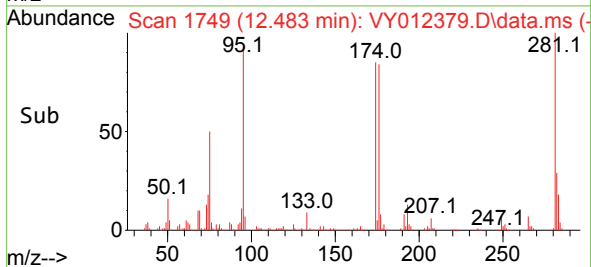
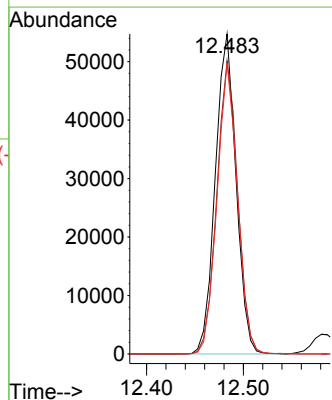
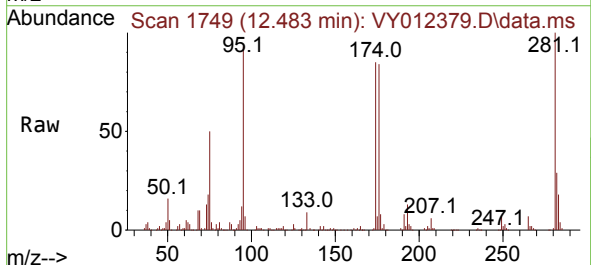
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

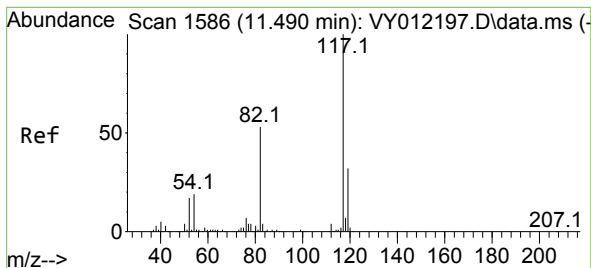
Tgt Ion:107 Resp: 24870
Ion Ratio Lower Upper
107 100
109 95.2 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 44.837 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 95 Resp: 81416
Ion Ratio Lower Upper
95 100
174 92.3 0.0 172.0
176 89.3 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBSD01

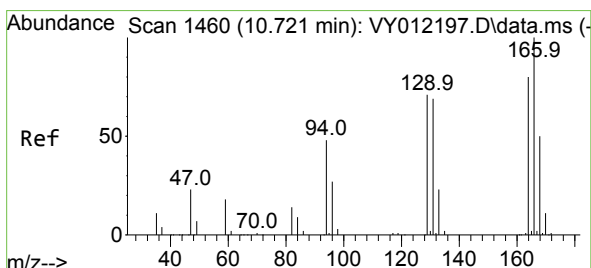
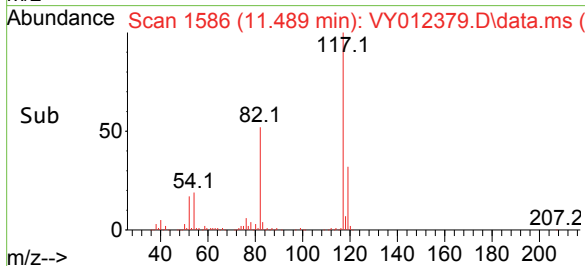
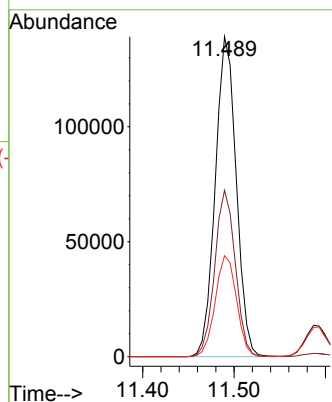
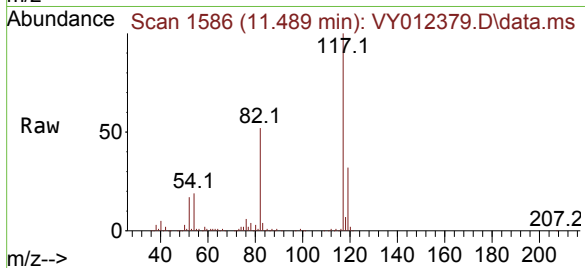
Tgt Ion:117 Resp: 221953

Ion Ratio Lower Upper

117 100

82 52.0 44.8 67.2

119 31.5 25.4 38.2



#64

Tetrachloroethene

Concen: 22.260 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Tgt Ion:164 Resp: 45083

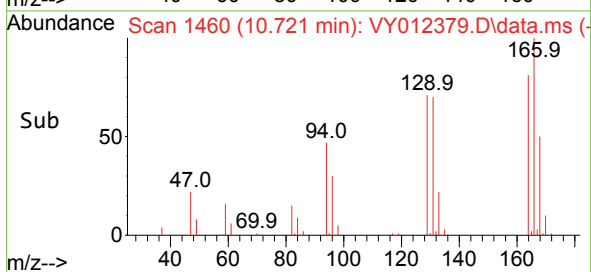
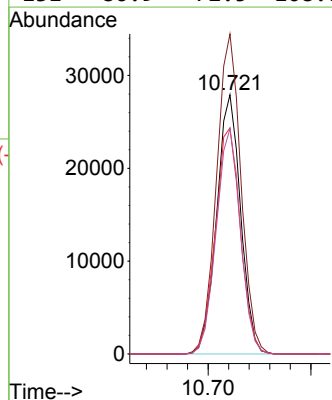
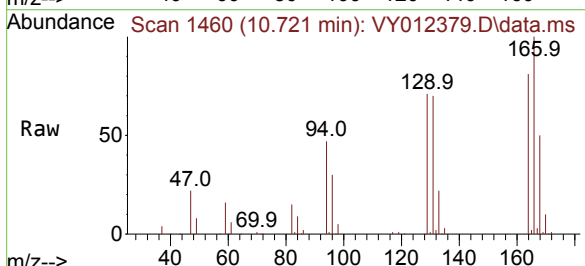
Ion Ratio Lower Upper

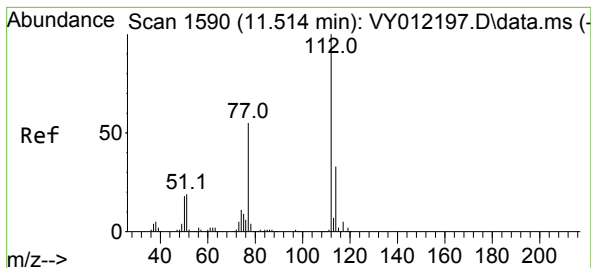
164 100

166 123.4 102.3 153.5

129 87.2 77.2 115.8

131 86.9 72.5 108.7

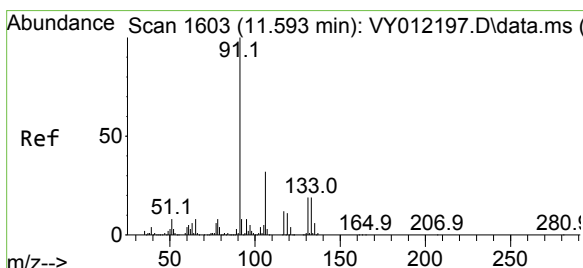
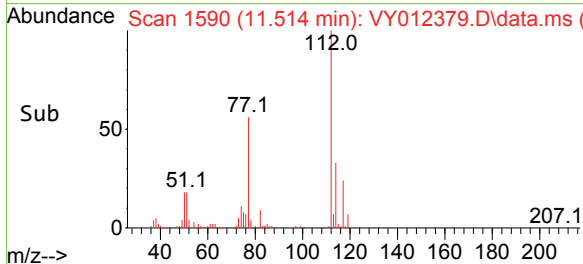
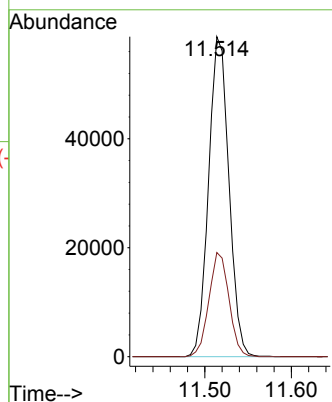
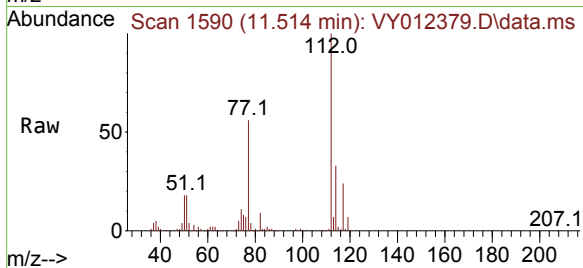




#65
Chlorobenzene
Concen: 21.078 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

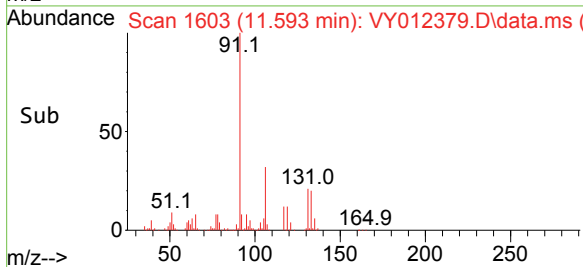
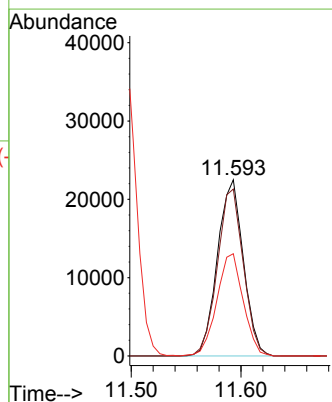
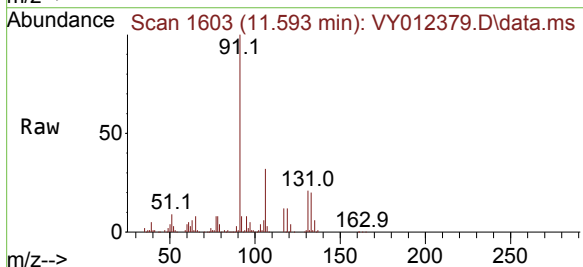
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

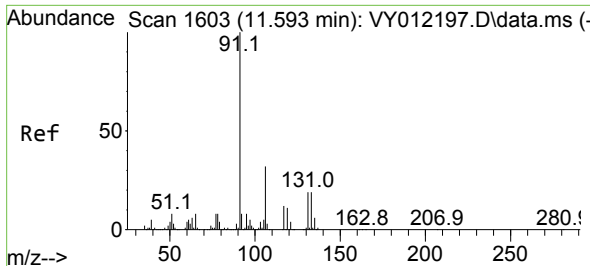
Tgt Ion:112 Resp: 95719
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.533 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion:131 Resp: 36910
Ion Ratio Lower Upper
131 100
133 95.0 47.3 142.0
119 59.1 32.1 96.3

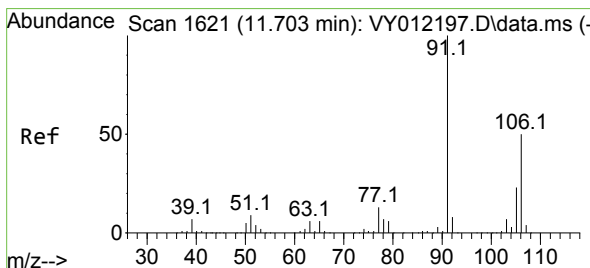
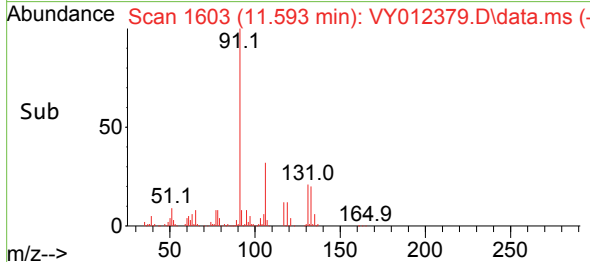
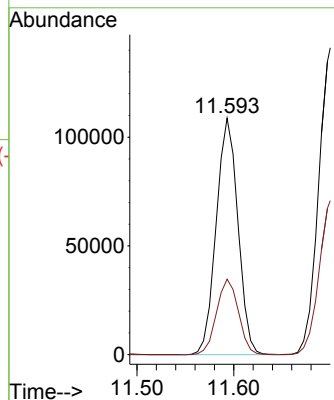
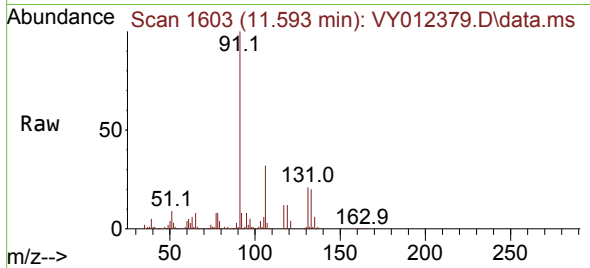




#67
Ethyl Benzene
Concen: 20.879 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

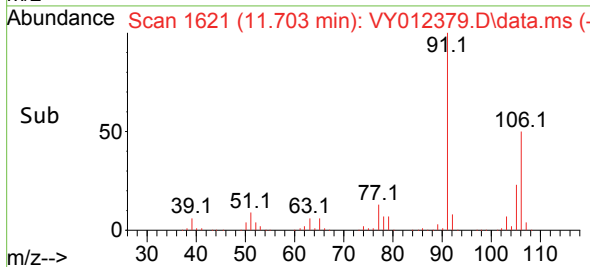
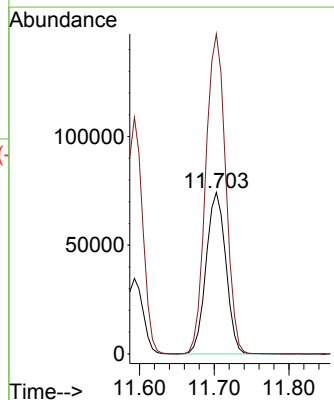
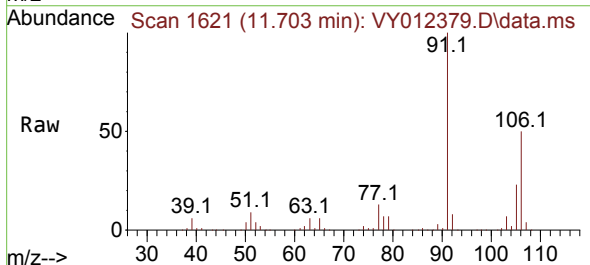
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

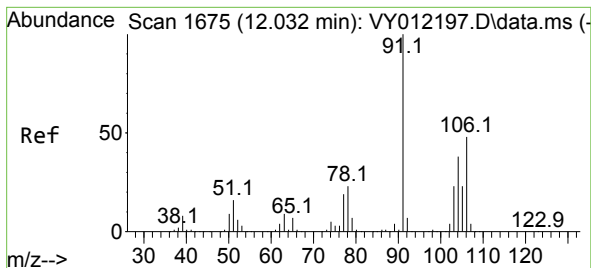
Tgt Ion: 91 Resp: 169455
Ion Ratio Lower Upper
91 100
106 32.0 25.0 37.4



#68
m/p-Xylenes
Concen: 42.432 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion:106 Resp: 136164
Ion Ratio Lower Upper
106 100
91 200.5 162.5 243.7





#69

o-Xylene

Concen: 20.801 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

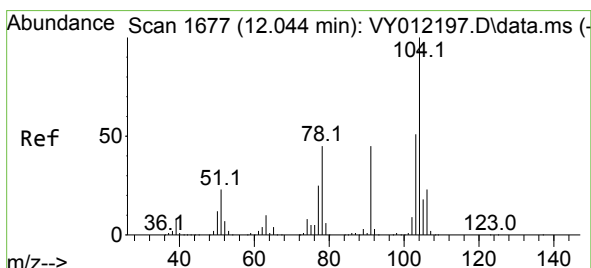
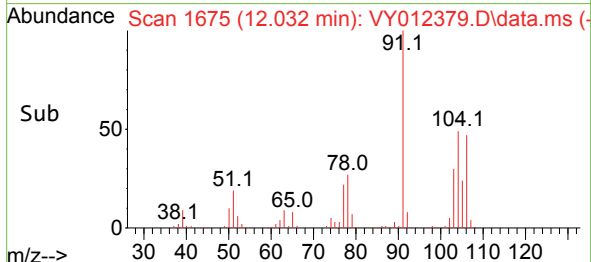
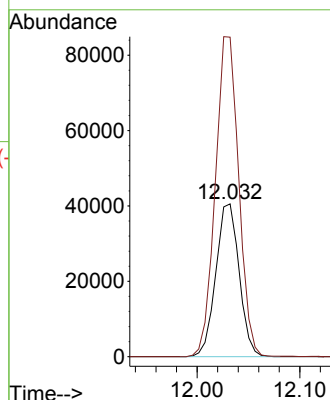
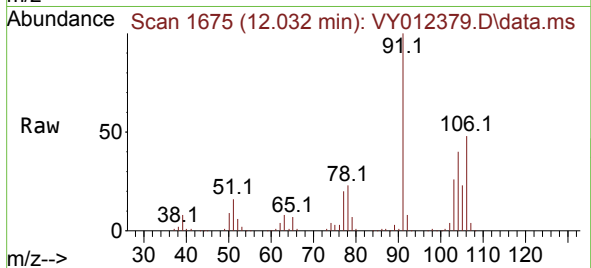
VY0127SBSD01

Tgt Ion:106 Resp: 63757

Ion Ratio Lower Upper

106 100

91 210.7 107.5 322.4



#70

Styrene

Concen: 21.135 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

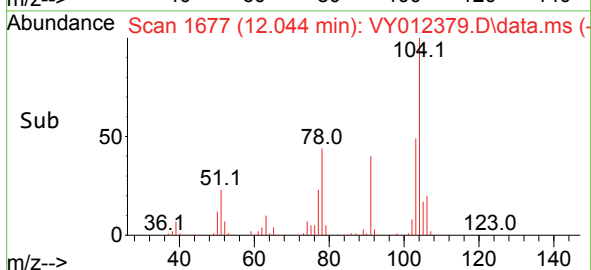
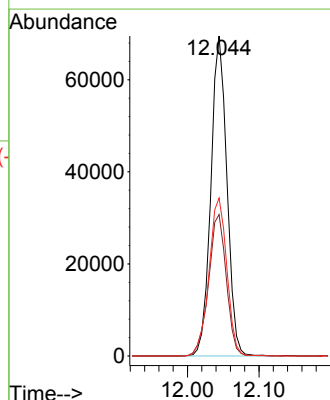
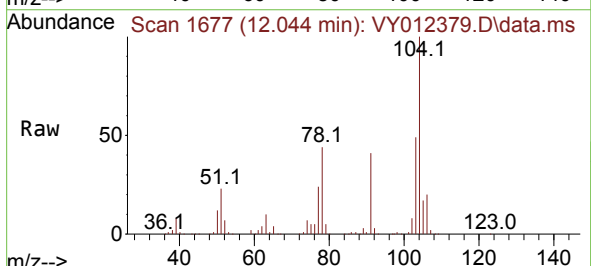
Tgt Ion:104 Resp: 108236

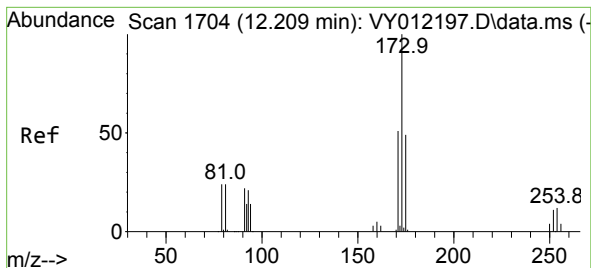
Ion Ratio Lower Upper

104 100

78 48.9 39.4 59.0

103 54.9 43.0 64.4





#71

Bromoform

Concen: 21.430 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBSD01

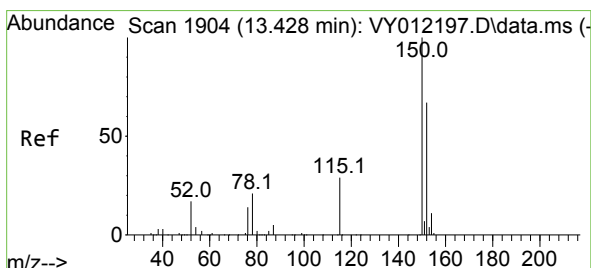
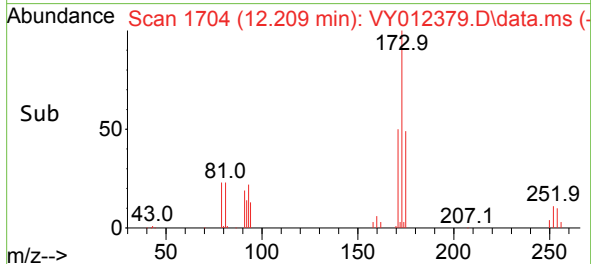
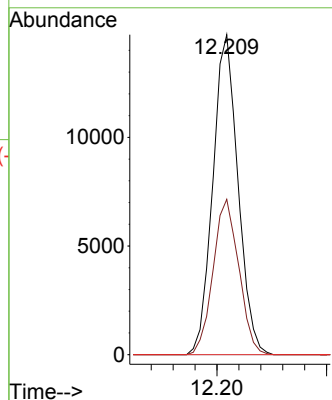
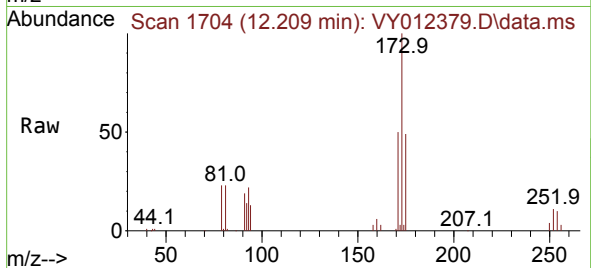
Tgt Ion:173 Resp: 23469

Ion Ratio Lower Upper

173 100

175 49.6 23.8 71.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

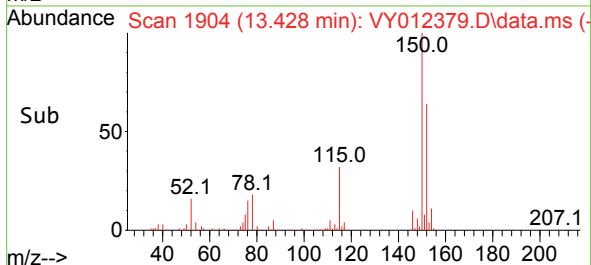
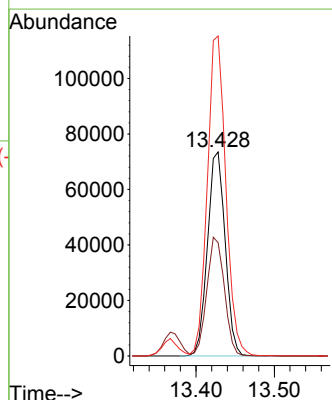
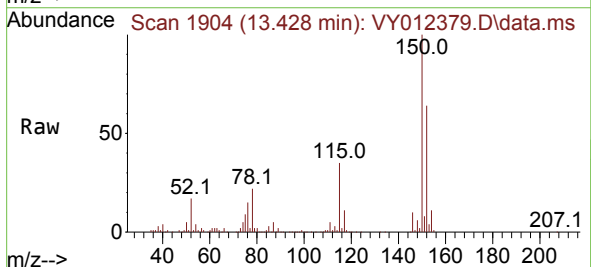
Tgt Ion:152 Resp: 115185

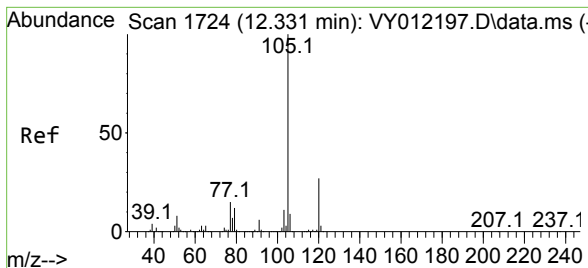
Ion Ratio Lower Upper

152 100

115 57.9 29.1 87.3

150 164.0 0.0 342.6





#73

Isopropylbenzene

Concen: 21.167 ug/l

RT: 12.331 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

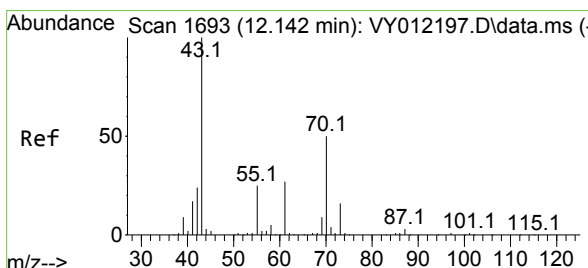
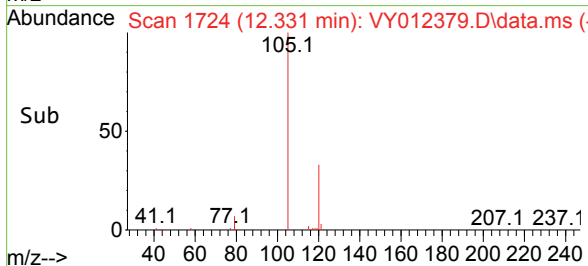
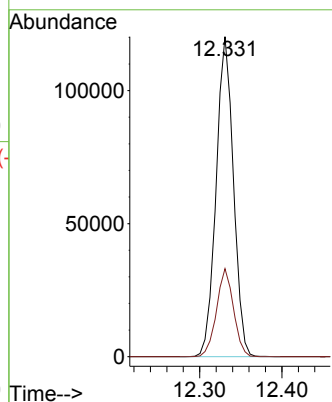
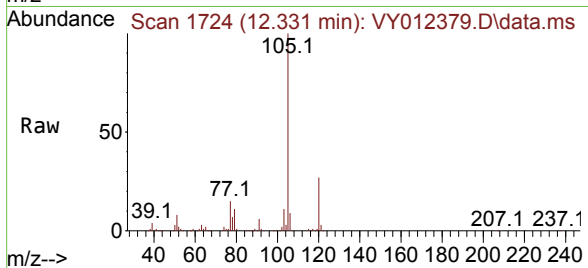
VY0127SBSD01

Tgt Ion:105 Resp: 175813

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.6



#74

N-ethyl acetate

Concen: 19.283 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Tgt Ion: 43 Resp: 31396

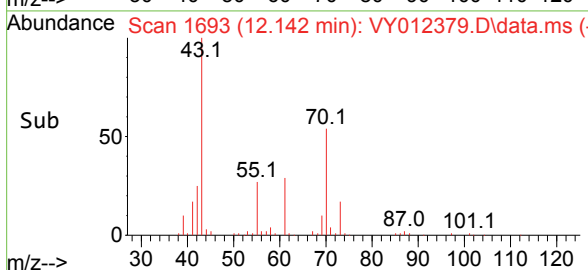
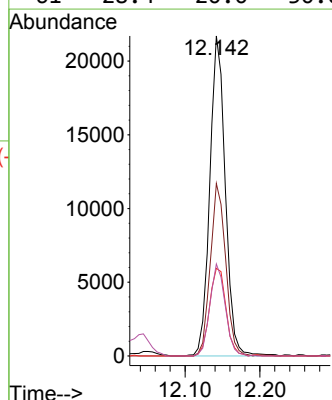
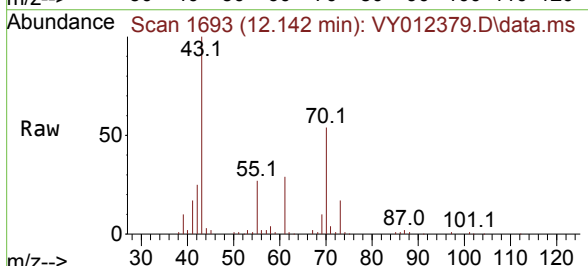
Ion Ratio Lower Upper

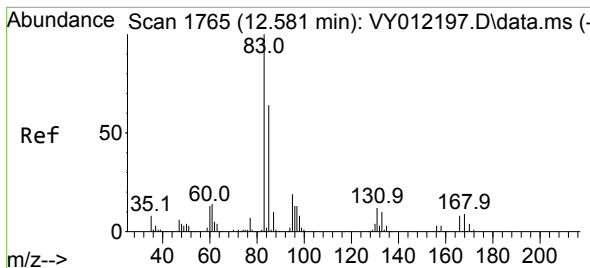
43 100

70 53.2 35.8 53.8

55 29.0 21.0 31.4

61 28.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.744 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBSD01

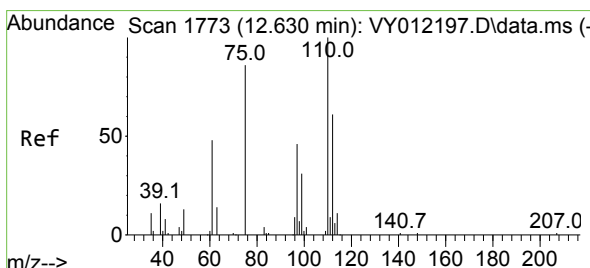
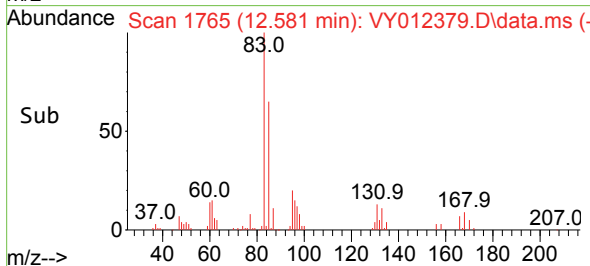
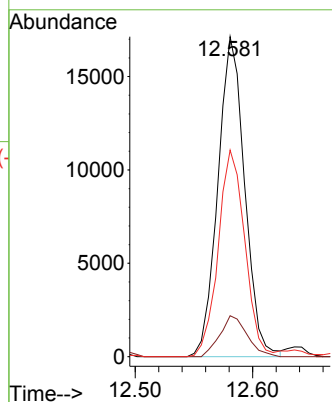
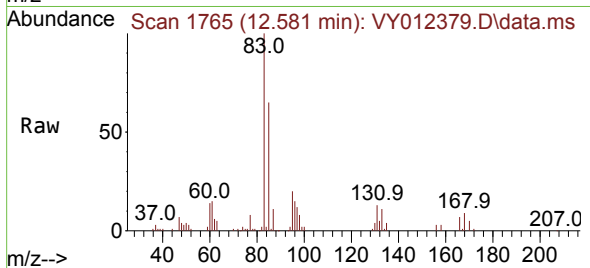
Tgt Ion: 83 Resp: 27139

Ion Ratio Lower Upper

83 100

131 13.0 5.6 16.8

85 64.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 38.861 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY012379.D

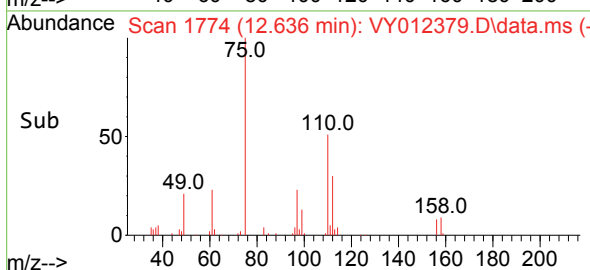
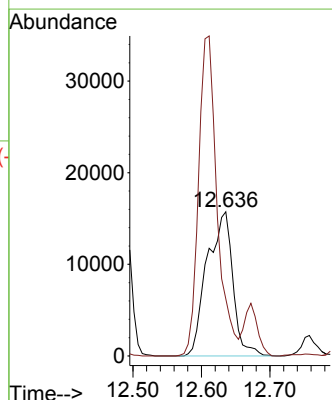
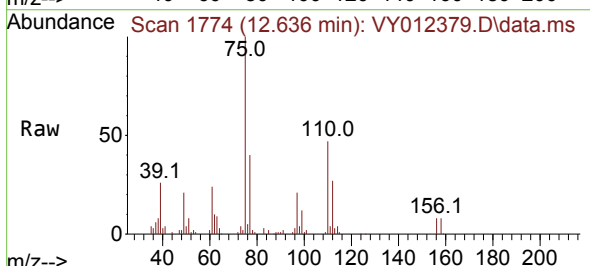
Acq: 27 Jan 2023 13:33

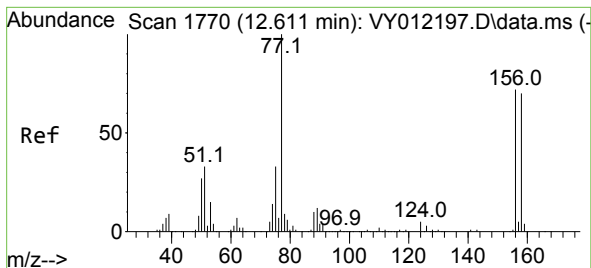
Tgt Ion: 75 Resp: 41160

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.417 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBSD01

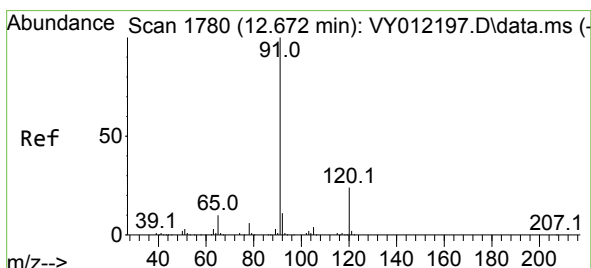
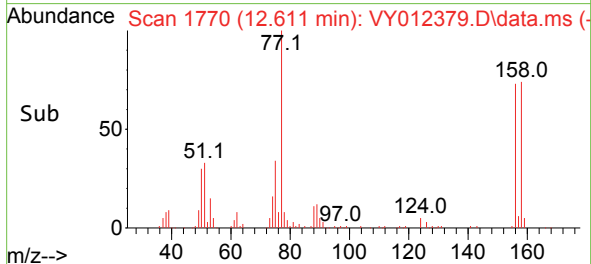
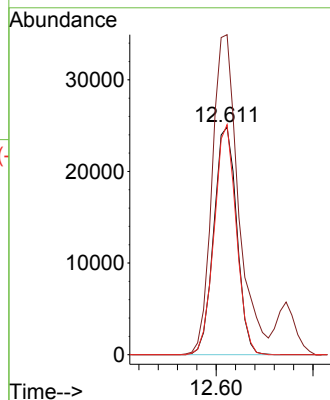
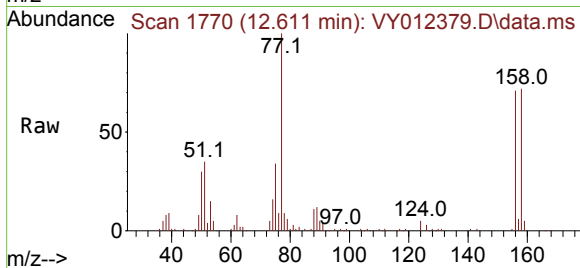
Tgt Ion:156 Resp: 40806

Ion Ratio Lower Upper

156 100

77 161.8 90.0 270.0

158 97.7 48.4 145.2



#78

n-propylbenzene

Concen: 20.813 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012379.D

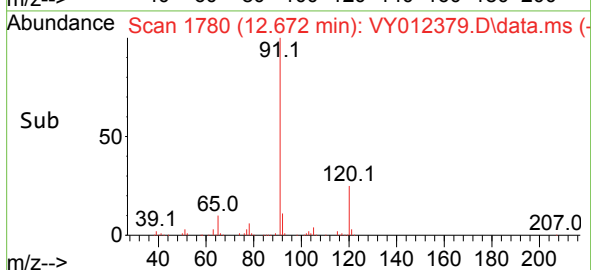
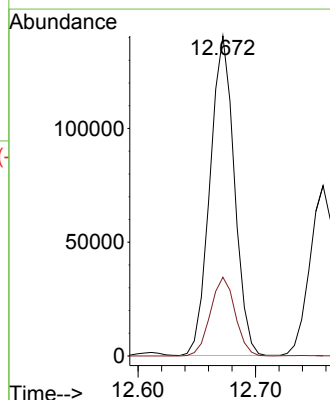
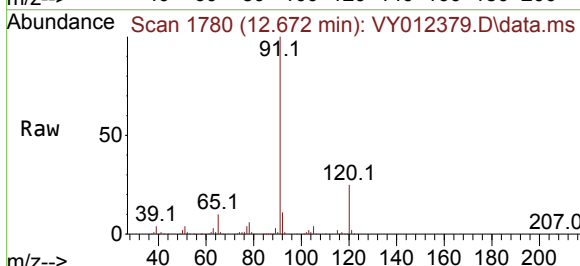
Acq: 27 Jan 2023 13:33

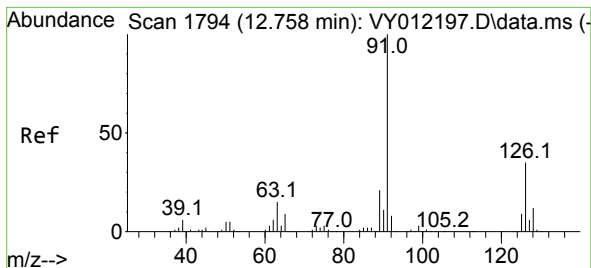
Tgt Ion: 91 Resp: 202293

Ion Ratio Lower Upper

91 100

120 25.0 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.440 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

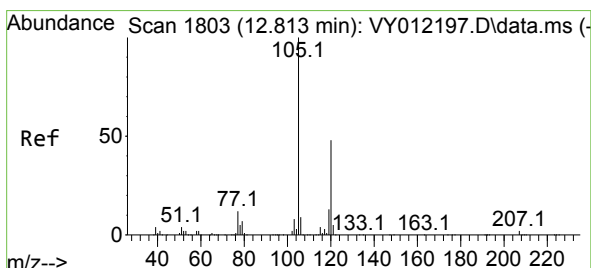
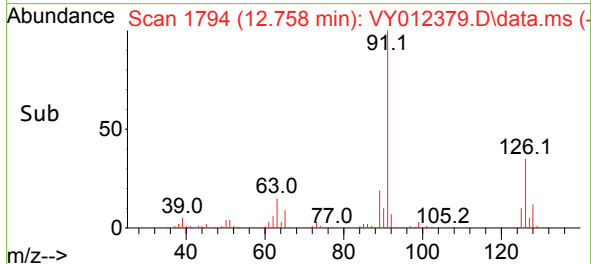
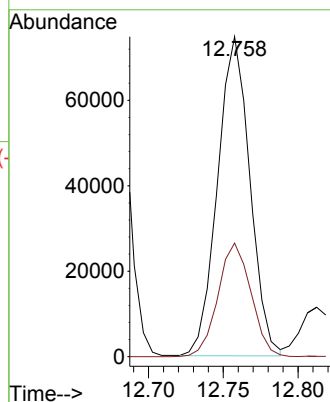
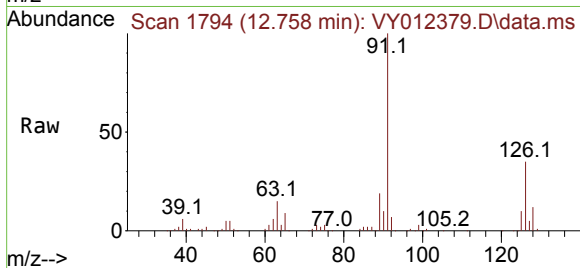
VY0127SBSD01

Tgt Ion: 91 Resp: 112324

Ion Ratio Lower Upper

91 100

126 36.3 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 21.041 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY012379.D

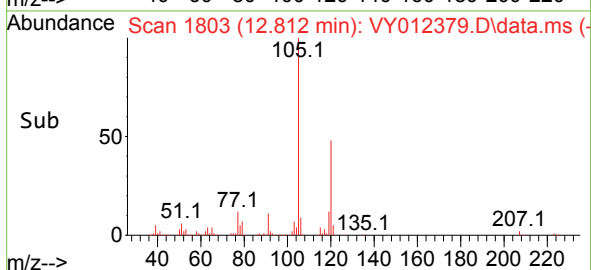
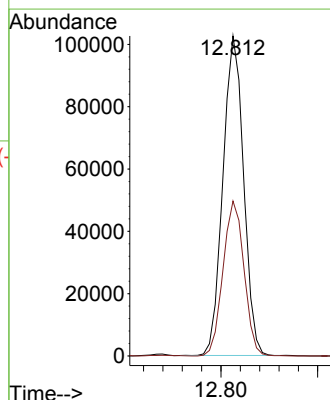
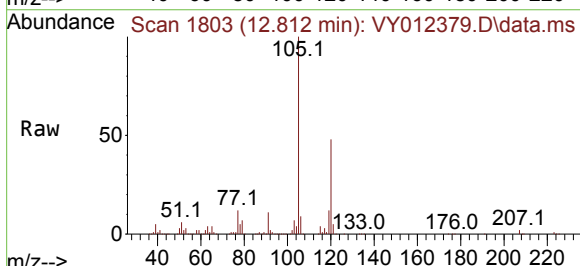
Acq: 27 Jan 2023 13:33

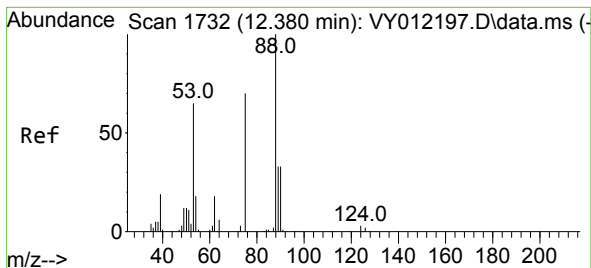
Tgt Ion:105 Resp: 151927

Ion Ratio Lower Upper

105 100

120 49.2 24.2 72.6

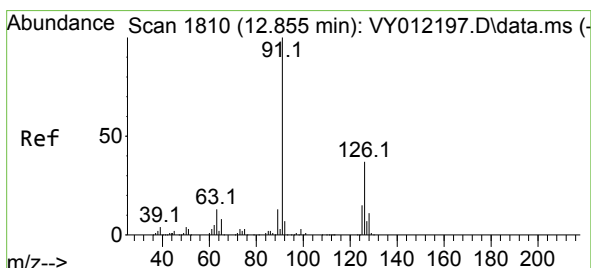
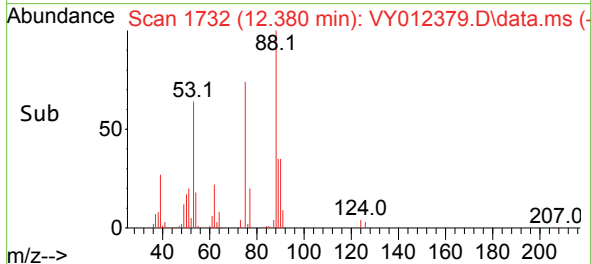
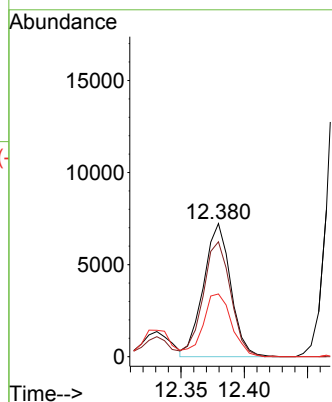
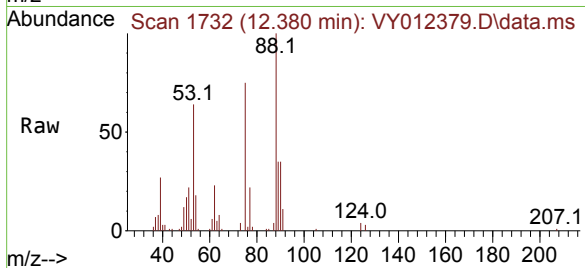




#81
trans-1,4-Dichloro-2-butene
Concen: 21.054 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

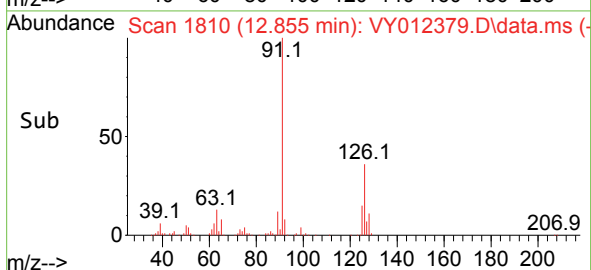
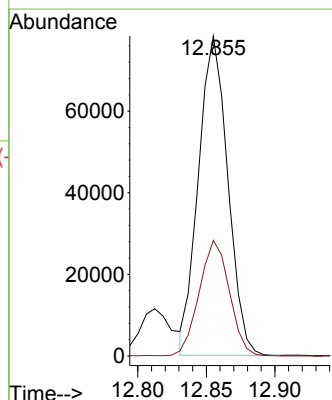
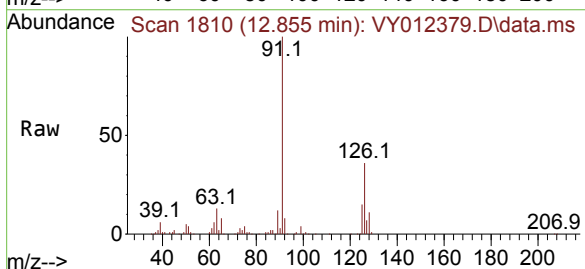
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

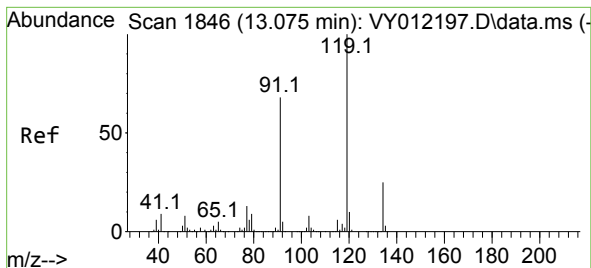
Tgt Ion: 75 Resp: 10823
Ion Ratio Lower Upper
75 100
53 88.1 72.5 108.7
89 49.6 37.0 55.4



#82
4-Chlorotoluene
Concen: 20.147 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 91 Resp: 116299
Ion Ratio Lower Upper
91 100
126 37.3 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.405 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBSD01

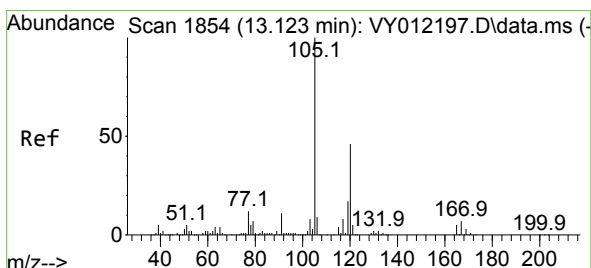
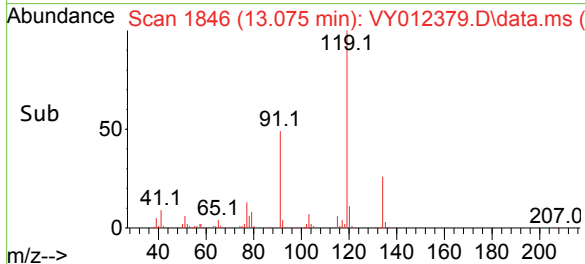
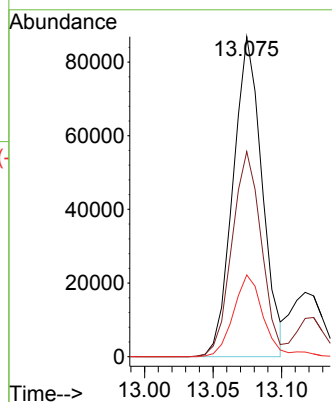
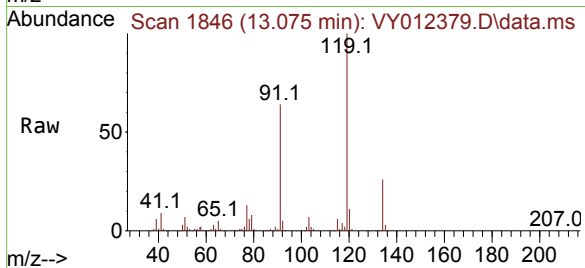
Tgt Ion:119 Resp: 128410

Ion Ratio Lower Upper

119 100

91 64.8 32.3 96.8

134 26.6 13.0 39.0



#84

1,2,4-Trimethylbenzene

Concen: 21.076 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY012379.D

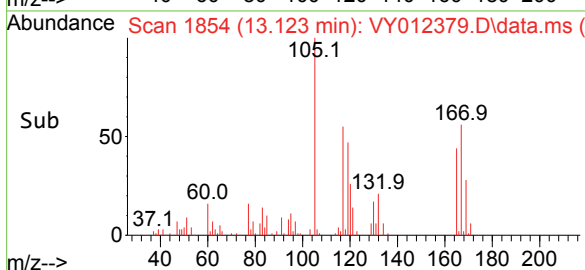
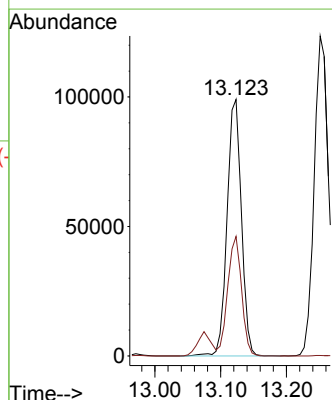
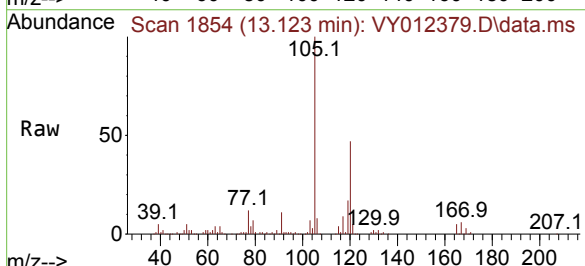
Acq: 27 Jan 2023 13:33

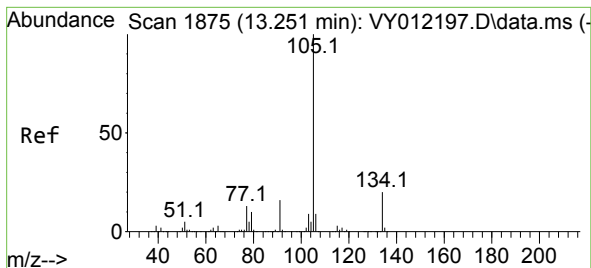
Tgt Ion:105 Resp: 150076

Ion Ratio Lower Upper

105 100

120 45.2 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.794 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

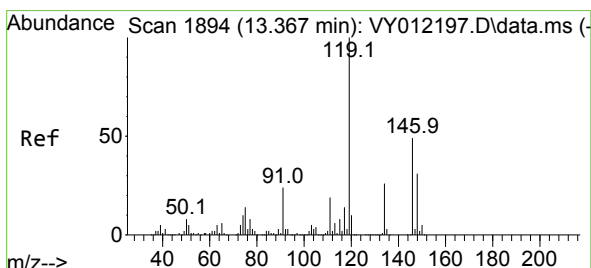
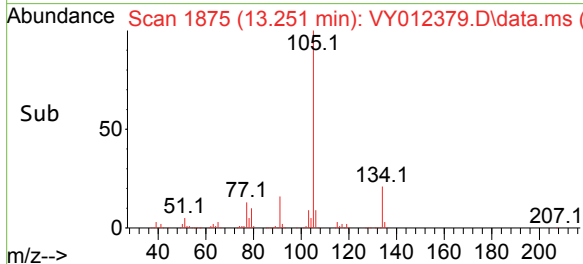
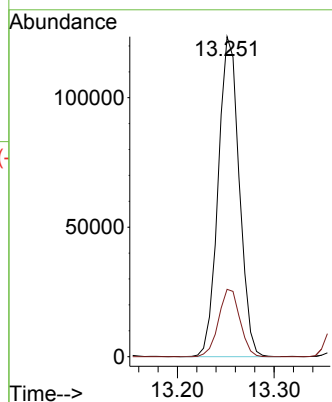
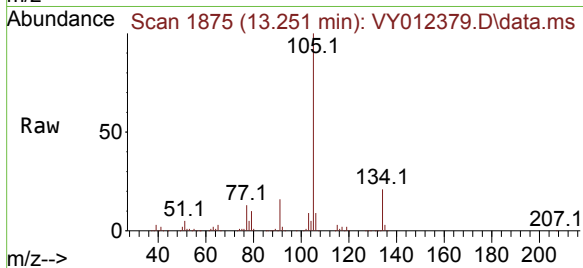
VY0127SBSD01

Tgt Ion:105 Resp: 186315

Ion Ratio Lower Upper

105 100

134 21.4 10.1 30.3



#86

p-Isopropyltoluene

Concen: 21.070 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

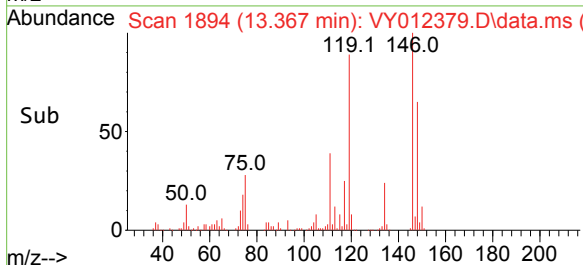
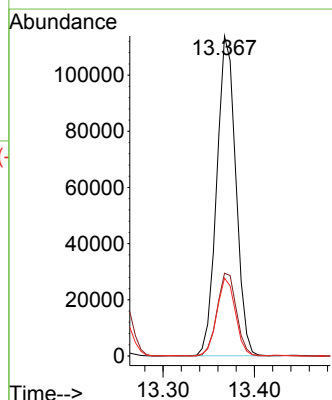
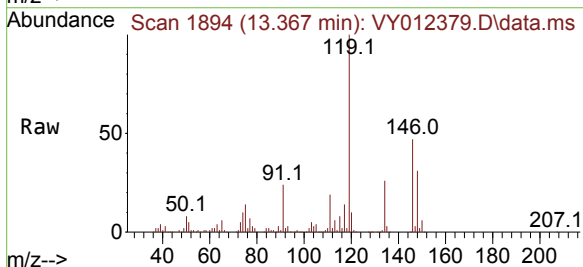
Tgt Ion:119 Resp: 164943

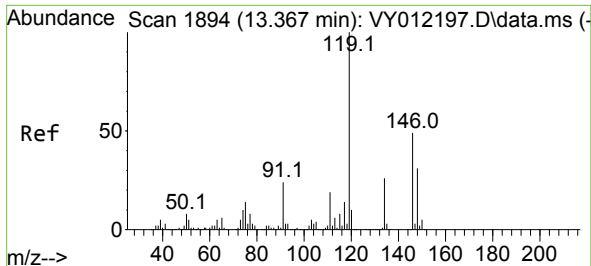
Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

91 23.8 11.9 35.9

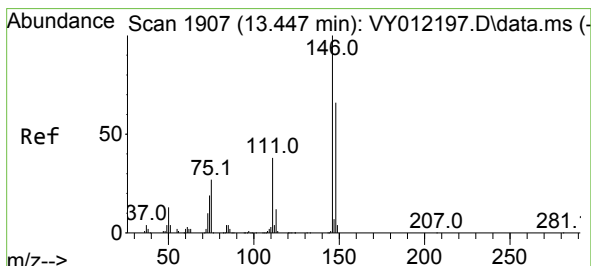
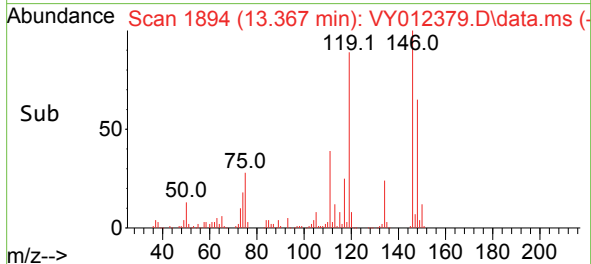
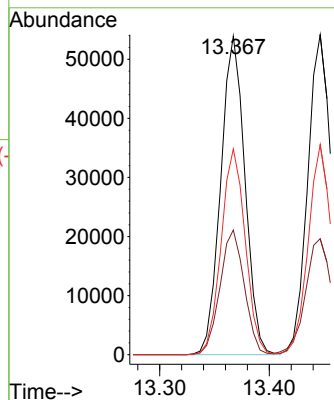
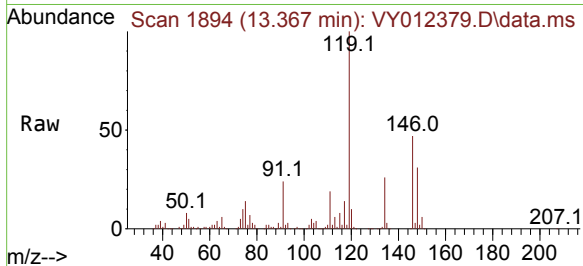




#87
1,3-Dichlorobenzene
Concen: 20.845 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

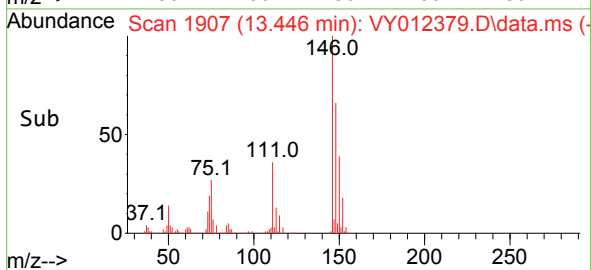
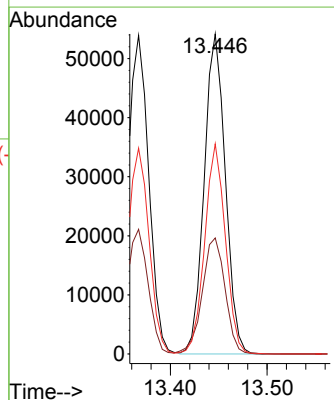
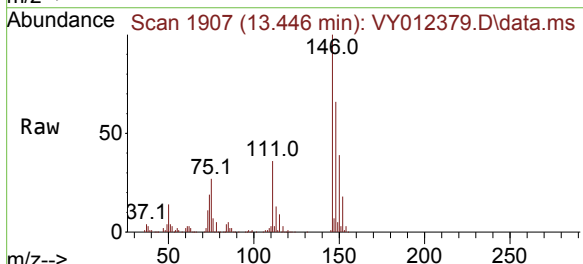
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

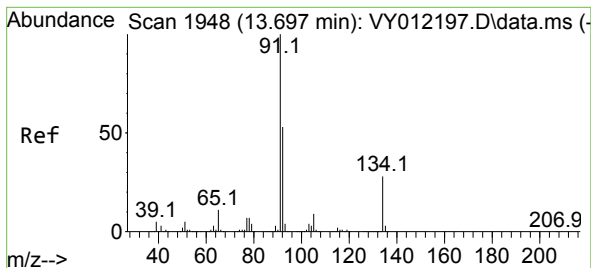
Tgt Ion:146 Resp: 82861
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.0
148 64.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 20.803 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.001 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion:146 Resp: 82468
Ion Ratio Lower Upper
146 100
111 39.2 19.6 58.7
148 64.5 31.9 95.7





#89

n-Butylbenzene

Concen: 20.567 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBSD01

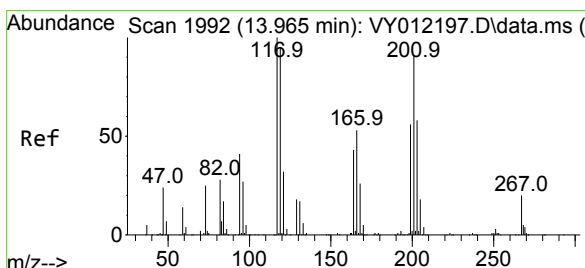
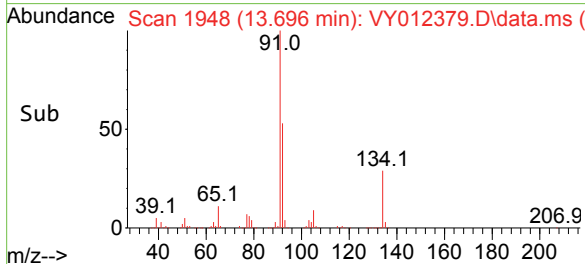
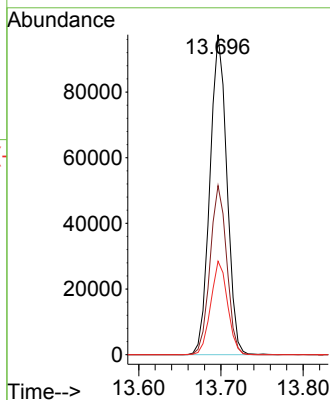
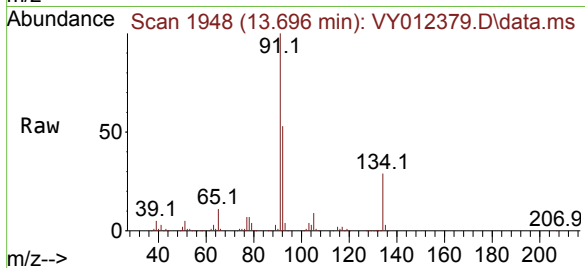
Tgt Ion: 91 Resp: 139527

Ion Ratio Lower Upper

91 100

92 52.0 26.8 80.4

134 29.0 13.3 39.8



#90

Hexachloroethane

Concen: 20.341 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012379.D

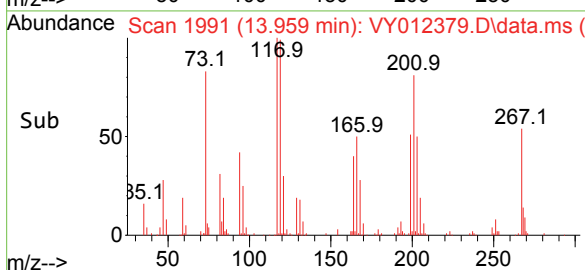
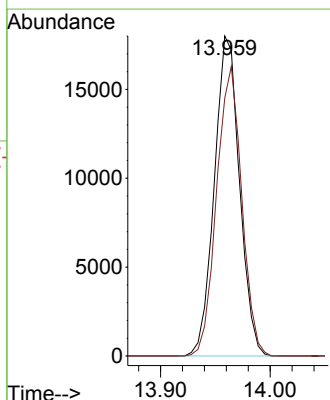
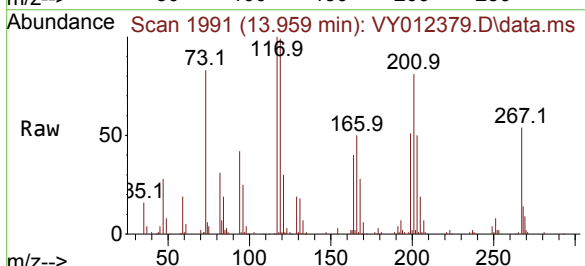
Acq: 27 Jan 2023 13:33

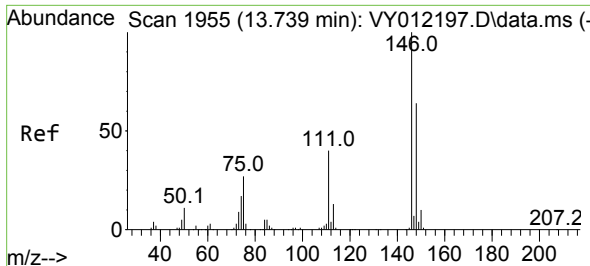
Tgt Ion: 117 Resp: 28746

Ion Ratio Lower Upper

117 100

201 90.2 40.3 120.8

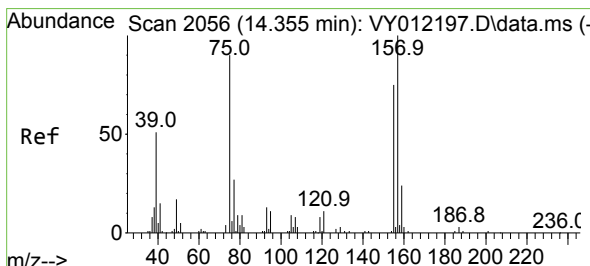
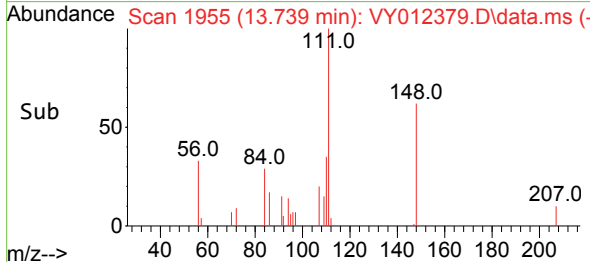
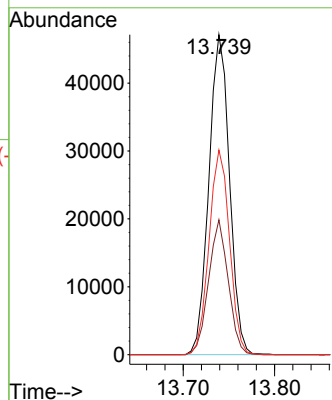
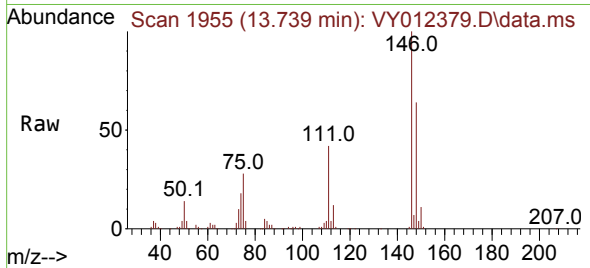




#91
1,2-Dichlorobenzene
Concen: 20.795 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

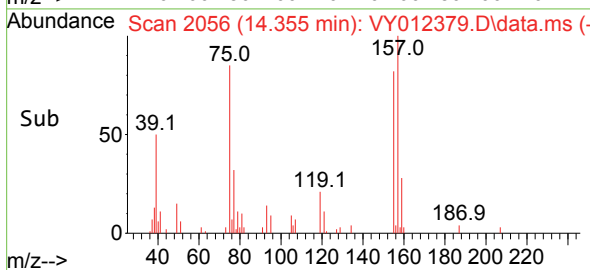
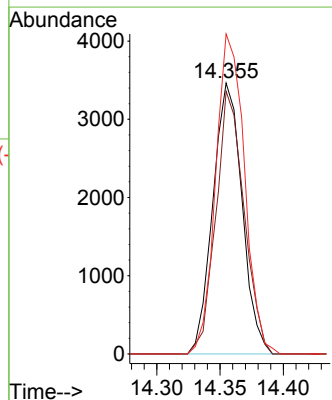
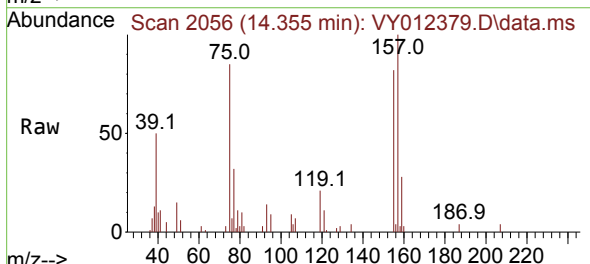
Instrument :
MSVOA_Y
ClientSampleId :
VY0127SBSD01

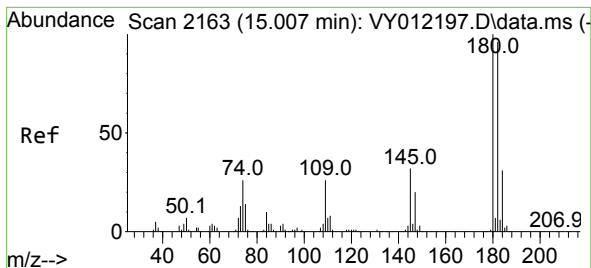
Tgt Ion:146 Resp: 73757
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.8
148 63.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.535 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012379.D
Acq: 27 Jan 2023 13:33

Tgt Ion: 75 Resp: 5552
Ion Ratio Lower Upper
75 100
155 93.4 42.3 126.8
157 116.5 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 19.504 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBSD01

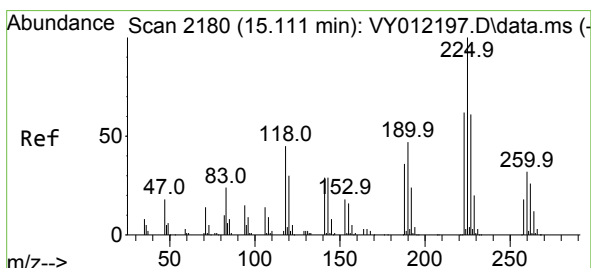
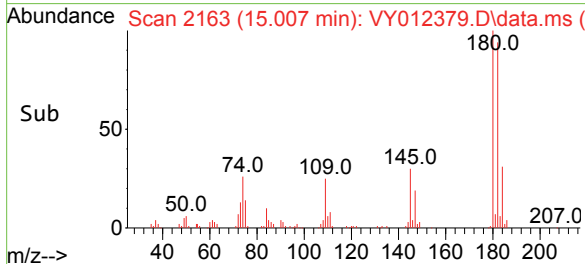
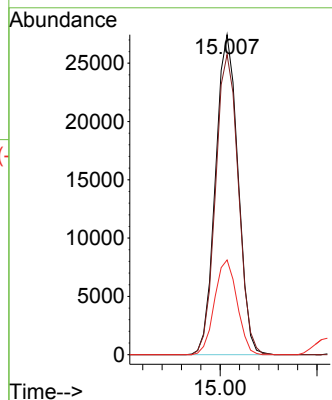
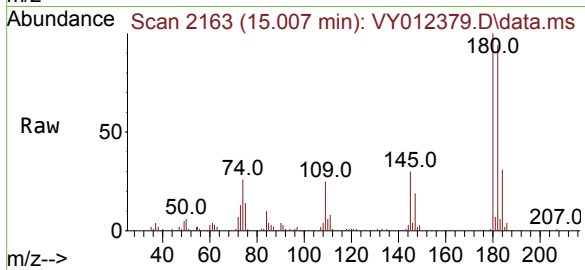
Tgt Ion:180 Resp: 44326

Ion Ratio Lower Upper

180 100

182 94.9 48.1 144.3

145 29.6 15.4 46.4



#94

Hexachlorobutadiene

Concen: 20.481 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

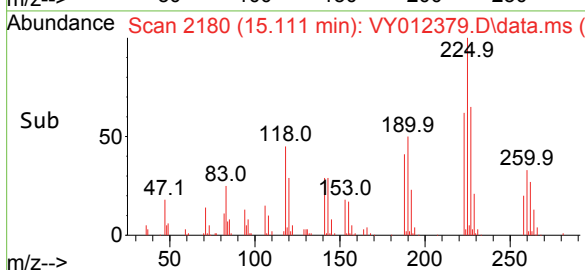
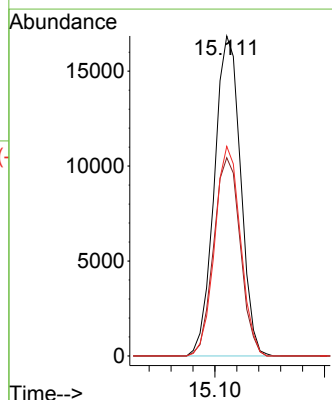
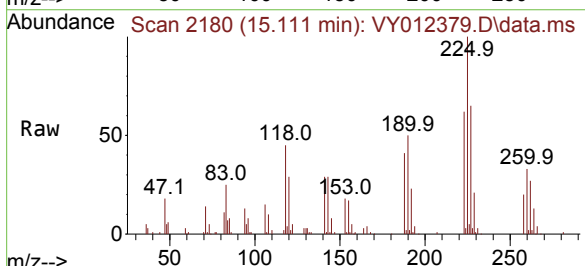
Tgt Ion:225 Resp: 28024

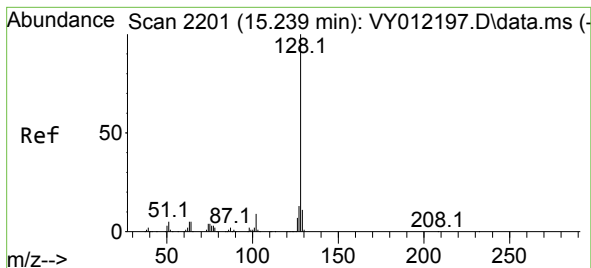
Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.2

227 64.2 32.6 97.8





#95

Naphthalene

Concen: 19.690 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Instrument :

MSVOA_Y

ClientSampleId :

VY0127SBSD01

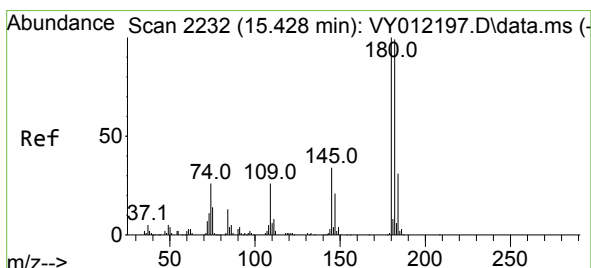
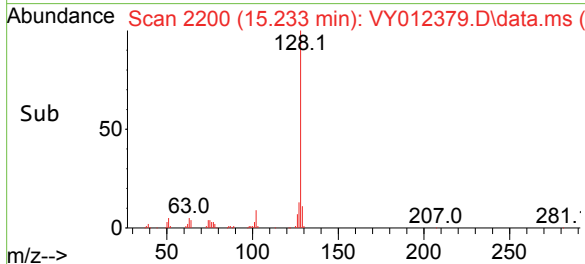
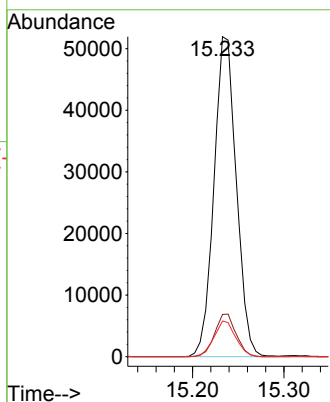
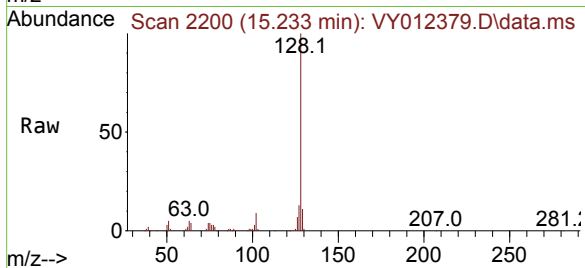
Tgt Ion:128 Resp: 88322

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.529 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012379.D

Acq: 27 Jan 2023 13:33

Tgt Ion:180 Resp: 38192

Ion Ratio Lower Upper

180 100

182 97.8 47.9 143.7

145 32.8 16.1 48.2

