

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013312.D
 Acq On : 14 Apr 2023 12:38
 Operator : KP/MD
 Sample : VY0414SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

Quant Time: Apr 17 02:07:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	277158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	423725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	376013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	193296	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	163387	49.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.100%
35) Dibromofluoromethane	7.710	113	145425	53.014	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.020%
50) Toluene-d8	10.173	98	532080	52.111	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.220%
62) 4-Bromofluorobenzene	12.477	95	174148	52.493	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	49393	19.801	ug/l	99
3) Chloromethane	2.107	50	57722	18.470	ug/l	100
4) Vinyl Chloride	2.247	62	53890	18.188	ug/l	98
5) Bromomethane	2.644	94	38384	16.894	ug/l	97
6) Chloroethane	2.784	64	35523	17.778	ug/l	99
7) Trichlorofluoromethane	3.119	101	92223	19.998	ug/l	97
8) Diethyl Ether	3.521	74	34943	20.855	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.887	101	56724	20.932	ug/l	97
10) Methyl Iodide	4.082	142	69094	20.786	ug/l	100
11) Tert butyl alcohol	4.966	59	28644	27.920	ug/l #	74
12) 1,1-Dichloroethene	3.863	96	52937	20.298	ug/l	96
13) Acrolein	3.729	56	44344	108.376	ug/l	98
14) Allyl chloride	4.466	41	97184	19.507	ug/l	98
15) Acrylonitrile	5.155	53	103792	107.803	ug/l	98
16) Acetone	3.942	43	115276	100.658	ug/l	92
17) Carbon Disulfide	4.186	76	171580	19.983	ug/l	99
18) Methyl Acetate	4.473	43	78104	21.087	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	162866	20.847	ug/l	99
20) Methylene Chloride	4.704	84	72373	21.490	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	61631	20.701	ug/l	93
22) Diisopropyl ether	6.112	45	196365	20.000	ug/l	91
23) Vinyl Acetate	6.051	43	633541	102.072	ug/l	99
24) 1,1-Dichloroethane	6.009	63	111963	20.414	ug/l	99
25) 2-Butanone	6.984	43	152623	104.084	ug/l	98
26) 2,2-Dichloropropane	6.972	77	96718	19.656	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	67231	20.768	ug/l	98
28) Bromochloromethane	7.326	49	43202	19.765	ug/l	99
29) Tetrahydrofuran	7.344	42	98561	110.669	ug/l	97
30) Chloroform	7.496	83	113741	20.493	ug/l	100
31) Cyclohexane	7.777	56	97598	19.379	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	100501	20.016	ug/l	98
36) 1,1-Dichloropropene	7.911	75	84510	20.336	ug/l	100
37) Ethyl Acetate	7.064	43	75167	22.439	ug/l #	94
38) Carbon Tetrachloride	7.893	117	93796	20.412	ug/l	98
39) Methylcyclohexane	9.179	83	95466	19.761	ug/l	98
40) Benzene	8.155	78	244804	20.353	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	93526	67.296	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	81463	19.976	ug/l	99
43) Isopropyl Acetate	8.271	43	113306	20.364	ug/l	99
44) Trichloroethene	8.935	130	66358	21.417	ug/l	96
45) 1,2-Dichloropropane	9.209	63	64123	20.540	ug/l	99
46) Dibromomethane	9.301	93	40026	21.303	ug/l	98
47) Bromodichloromethane	9.490	83	90073	20.971	ug/l	98
48) Methyl methacrylate	9.289	41	51284	20.066	ug/l	97
49) 1,4-Dioxane	9.307	88	12153	477.406	ug/l #	37
51) 4-Methyl-2-Pentanone	10.063	43	331188	109.370	ug/l	98
52) Toluene	10.240	92	151687	20.885	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	93403	20.765	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	101547	20.588	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	52944	21.371	ug/l	97
56) Ethyl methacrylate	10.508	69	72409	21.347	ug/l	96
57) 1,3-Dichloropropane	10.782	76	88547	21.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	164306	116.008	ug/l	98
59) 2-Hexanone	10.831	43	242469	110.123	ug/l	97
60) Dibromochloromethane	10.977	129	65671	21.141	ug/l	99
61) 1,2-Dibromoethane	11.087	107	51739	21.447	ug/l	97
64) Tetrachloroethene	10.715	164	57157	21.546	ug/l	96
65) Chlorobenzene	11.514	112	162757	20.692	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	62796	21.274	ug/l	99
67) Ethyl Benzene	11.587	91	279960	20.436	ug/l	97
68) m/p-Xylenes	11.697	106	219023	41.785	ug/l	99
69) o-Xylene	12.026	106	101352	20.878	ug/l	100
70) Styrene	12.038	104	172967	21.096	ug/l	99
71) Bromoform	12.203	173	44485	21.754	ug/l #	99
73) Isopropylbenzene	12.325	105	267773	20.196	ug/l	100
74) N-amyl acetate	12.142	43	96493	20.399	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	68746	20.989	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	88486	36.737	ug/l #	100
77) Bromobenzene	12.605	156	68553	20.676	ug/l	99
78) n-propylbenzene	12.666	91	331741	20.259	ug/l	99
79) 2-Chlorotoluene	12.752	91	186224	20.203	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	226466	20.392	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	24659	21.249	ug/l	95
82) 4-Chlorotoluene	12.849	91	192735	19.834	ug/l	100
83) tert-Butylbenzene	13.075	119	189081	19.842	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	225649	20.877	ug/l	99
85) sec-Butylbenzene	13.251	105	289008	20.280	ug/l	99
86) p-Isopropyltoluene	13.367	119	242846	20.767	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	131796	20.621	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	131360	20.338	ug/l	97
89) n-Butylbenzene	13.690	91	226219	20.226	ug/l	98
90) Hexachloroethane	13.959	117	49113	20.143	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	120409	20.703	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12788	21.500	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	74737	21.621	ug/l	98
94) Hexachlorobutadiene	15.111	225	44538	21.759	ug/l	99
95) Naphthalene	15.233	128	162771	21.177	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	69142	21.955	ug/l	99

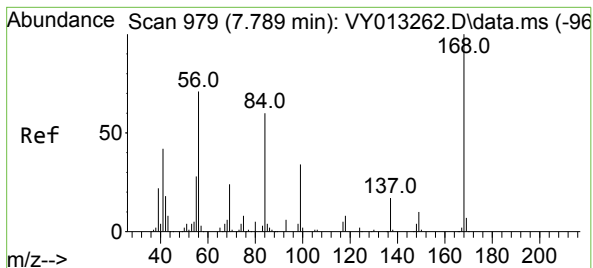
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
Data File : VY013312.D
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Operator : KP/MD
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

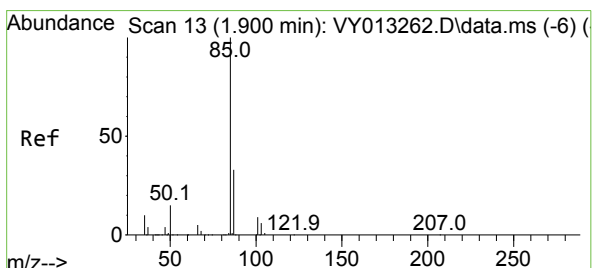
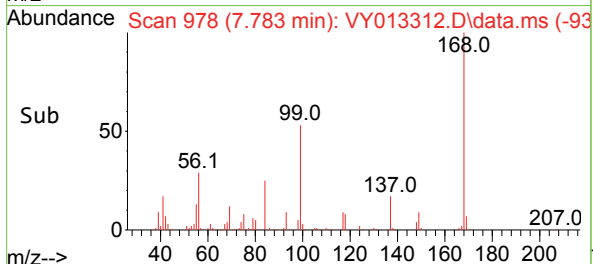
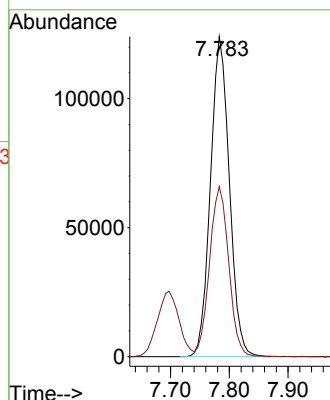
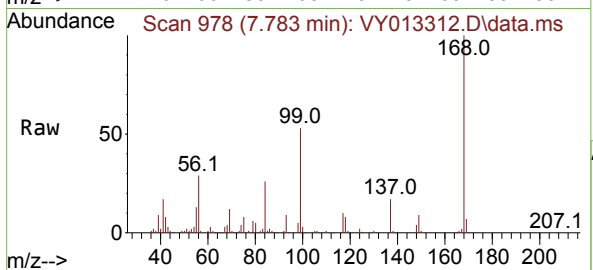
VY0414SBS01

Tgt Ion:168 Resp: 277158

Ion Ratio Lower Upper

168 100

99 53.1 41.7 62.5



#2

Dichlorodifluoromethane

Concen: 19.801 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY013312.D

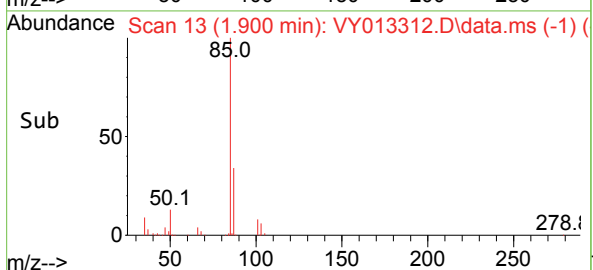
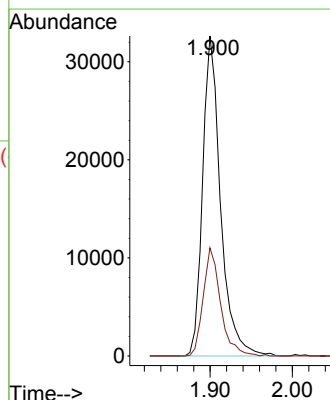
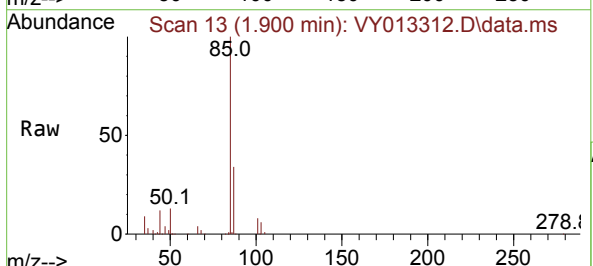
Acq: 14 Apr 2023 12:38

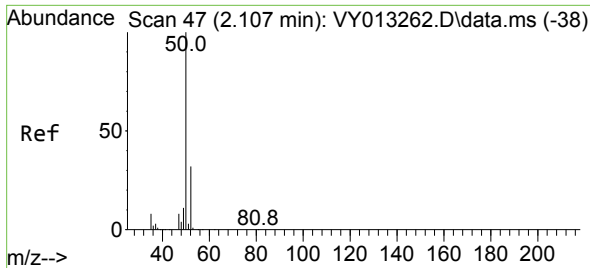
Tgt Ion: 85 Resp: 49393

Ion Ratio Lower Upper

85 100

87 33.8 16.7 50.0

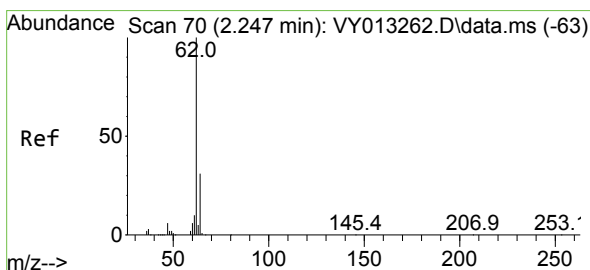
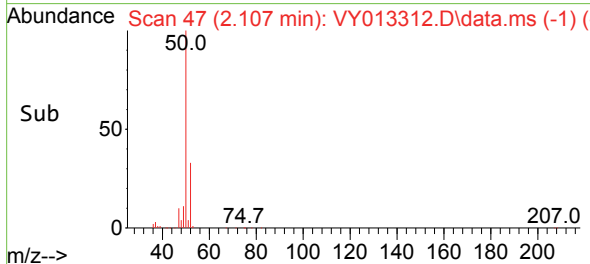
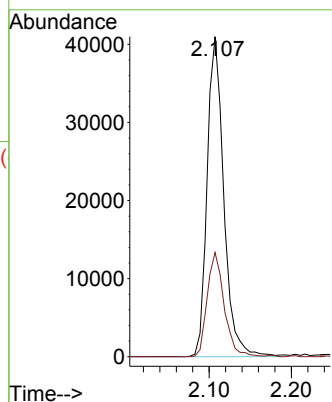
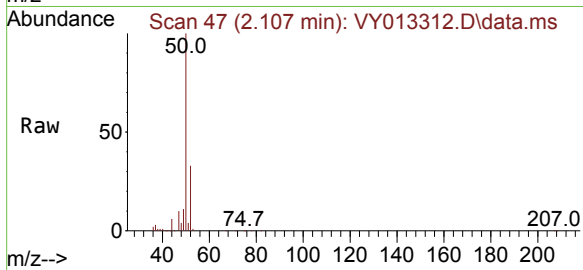




#3
Chloromethane
Concen: 18.470 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

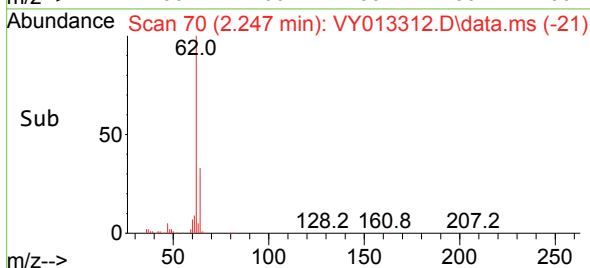
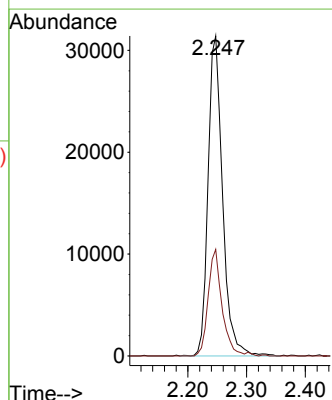
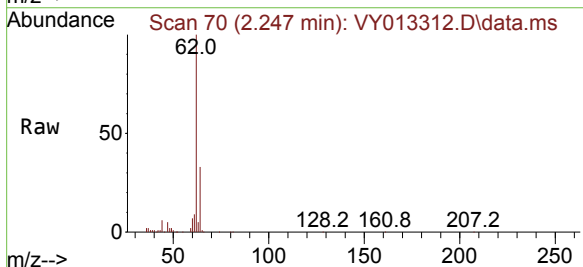
Instrument :
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ClientSampleId :
VY0414SBS01

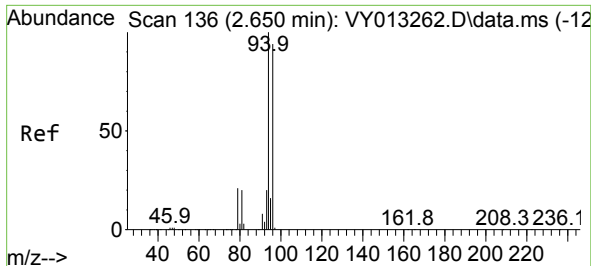
Tgt Ion: 50 Resp: 57722
Ion Ratio Lower Upper
50 100
52 32.6 26.0 39.0



#4
Vinyl Chloride
Concen: 18.188 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 62 Resp: 53890
Ion Ratio Lower Upper
62 100
64 33.3 25.6 38.4

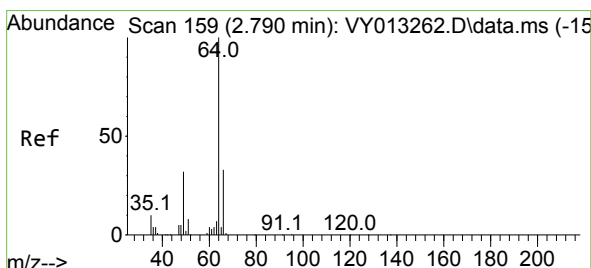
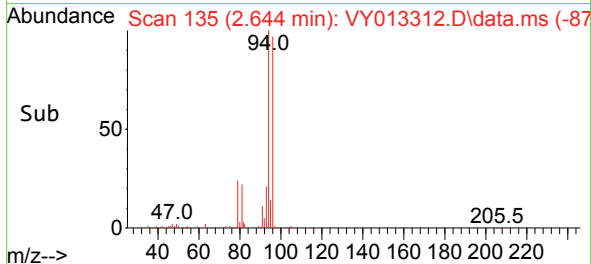
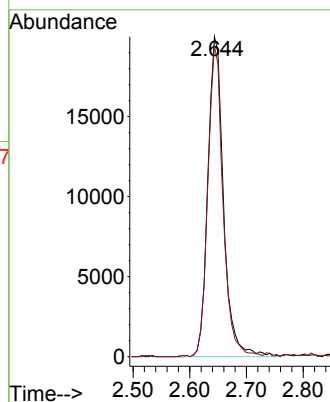
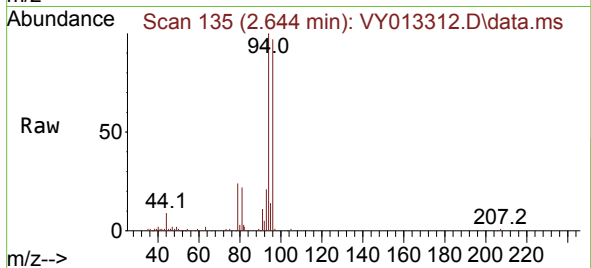




#5
Bromomethane
Concen: 16.894 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

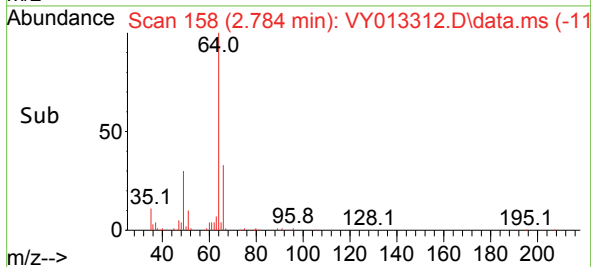
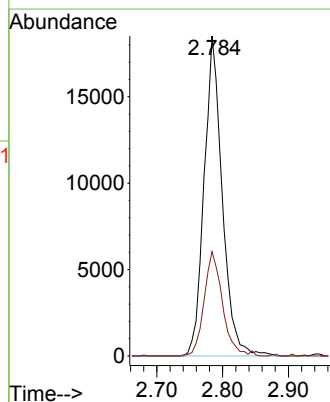
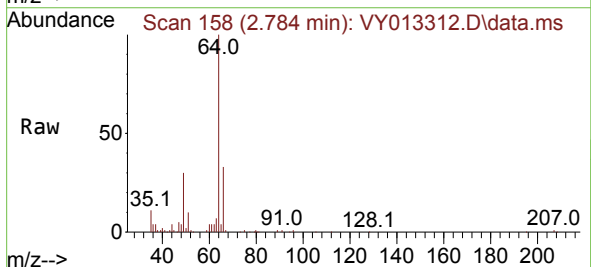
Instrument :
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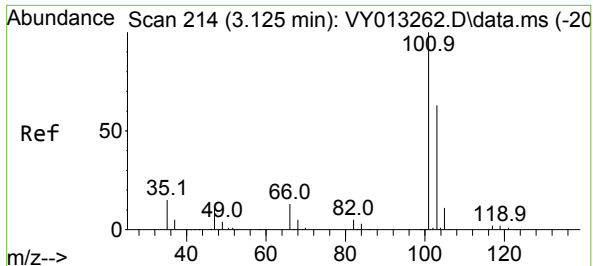
Tgt Ion: 94 Resp: 38384
Ion Ratio Lower Upper
94 100
96 97.1 80.3 120.5



#6
Chloroethane
Concen: 17.778 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 64 Resp: 35523
Ion Ratio Lower Upper
64 100
66 32.6 25.7 38.5

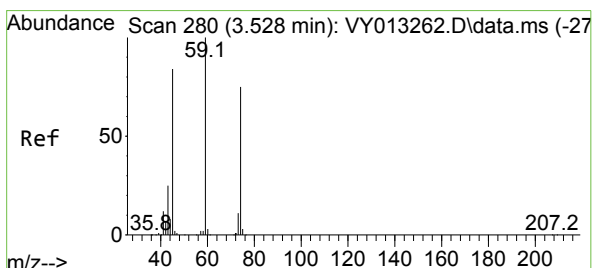
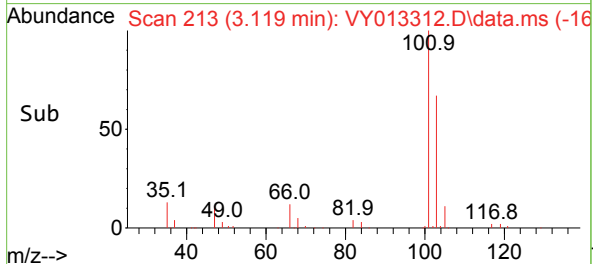
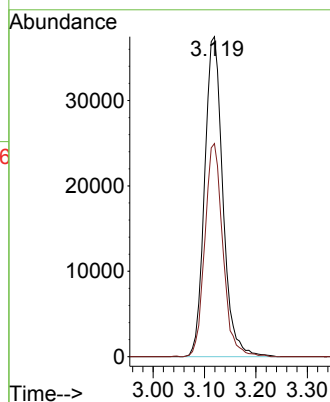
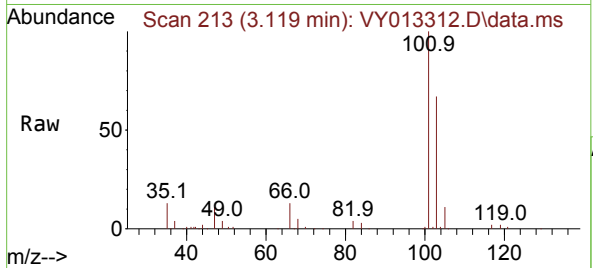




#7
 Trichlorofluoromethane
 Concen: 19.998 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY013312.D
 Acq: 14 Apr 2023 12:38

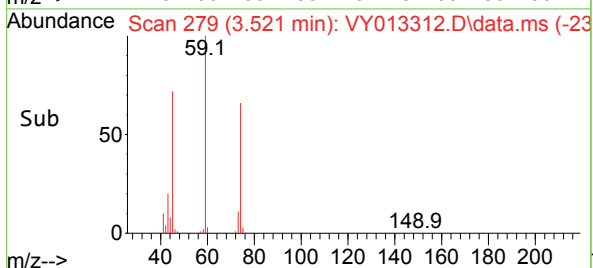
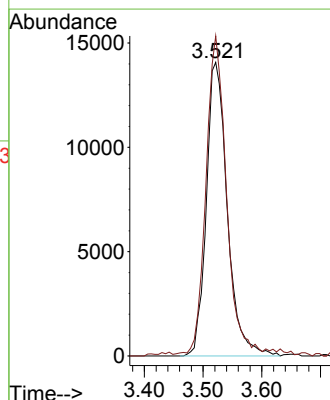
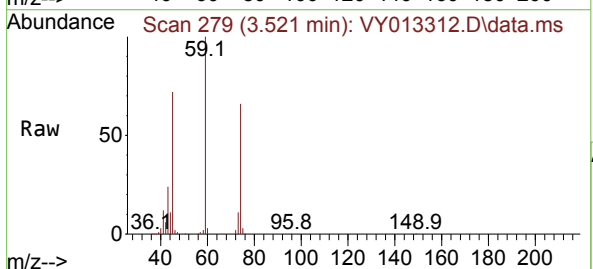
Instrument :
 MSVOA_Y
 ClientSampleId :
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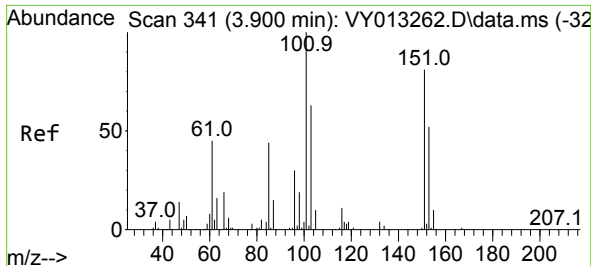
Tgt Ion:101 Resp: 92223
 Ion Ratio Lower Upper
 101 100
 103 66.6 51.5 77.3



#8
 Diethyl Ether
 Concen: 20.855 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.006 min
 Lab File: VY013312.D
 Acq: 14 Apr 2023 12:38

Tgt Ion: 74 Resp: 34943
 Ion Ratio Lower Upper
 74 100
 45 104.1 52.1 156.4

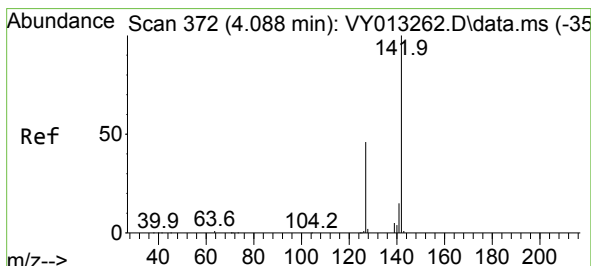
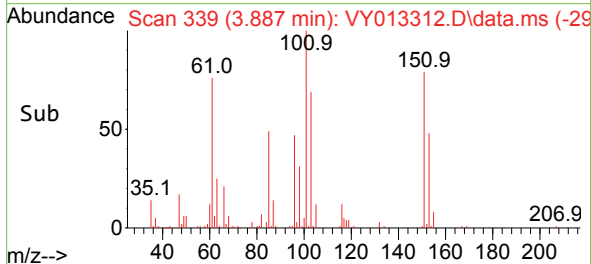
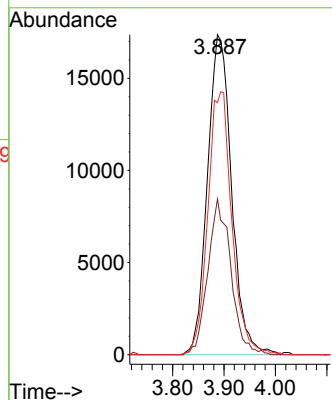
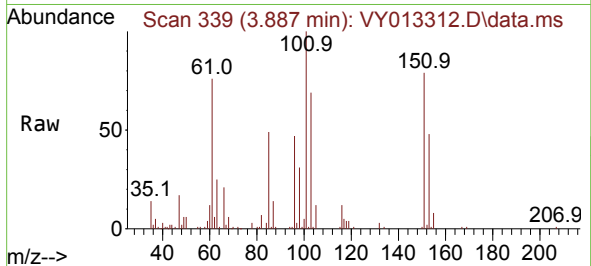




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.932 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

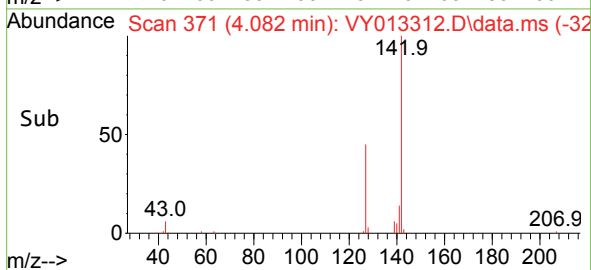
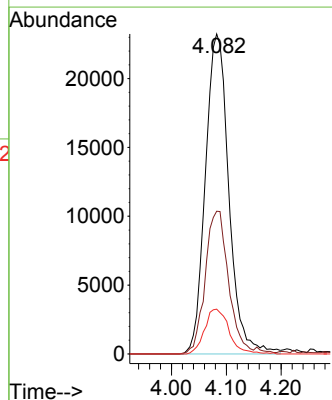
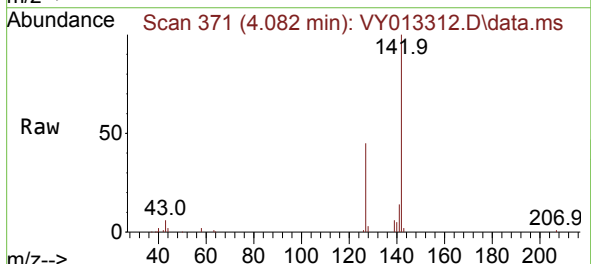
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

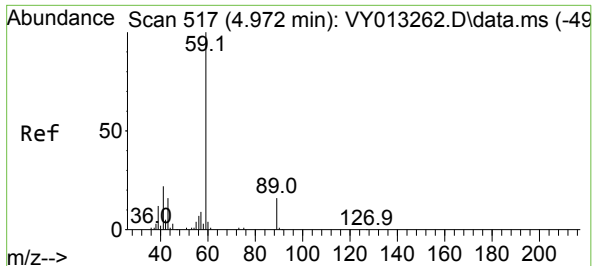
Tgt Ion:101 Resp: 56724
Ion Ratio Lower Upper
101 100
85 46.4 35.3 52.9
151 81.9 63.1 94.7



#10
Methyl Iodide
Concen: 20.786 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion:142 Resp: 69094
Ion Ratio Lower Upper
142 100
127 44.2 35.4 53.2
141 14.6 11.3 16.9

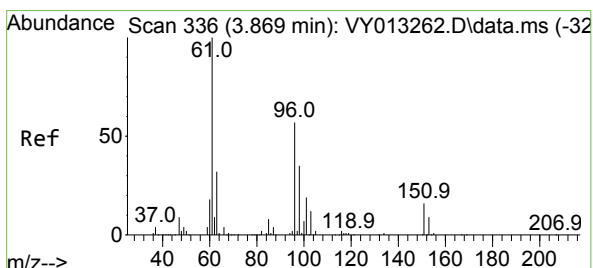
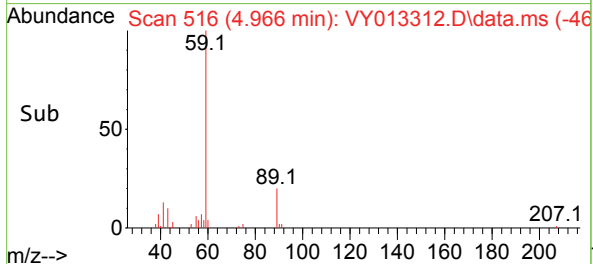
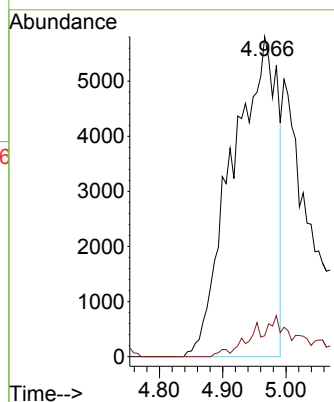
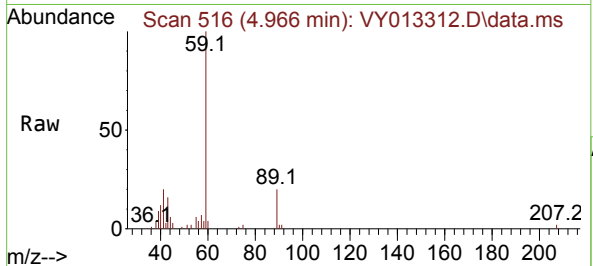




#11
Tert butyl alcohol
Concen: 27.920 ug/l
RT: 4.966 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

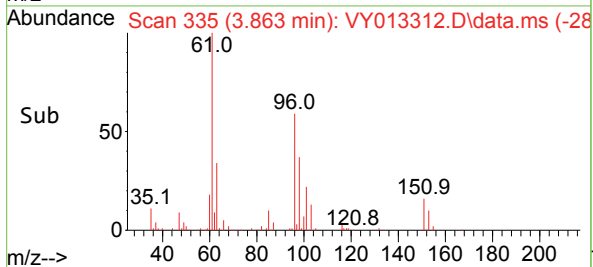
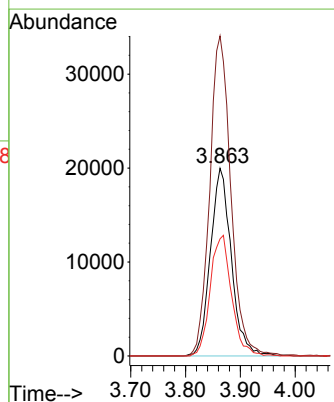
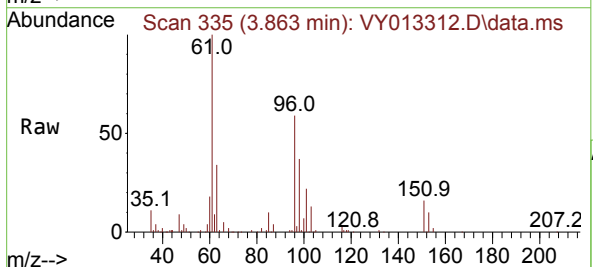
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

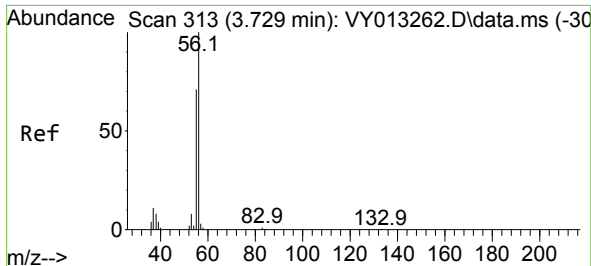
Tgt Ion: 59 Resp: 28644
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 20.298 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 96 Resp: 52937
Ion Ratio Lower Upper
96 100
61 170.5 131.7 197.5
98 62.4 52.0 78.0





#13

Acrolein

Concen: 108.376 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

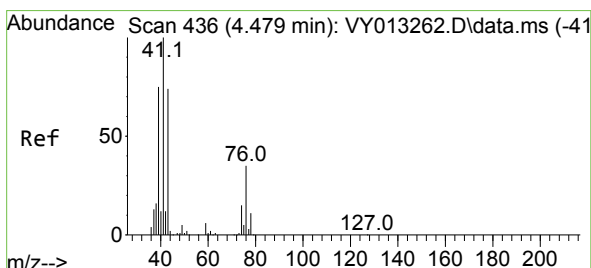
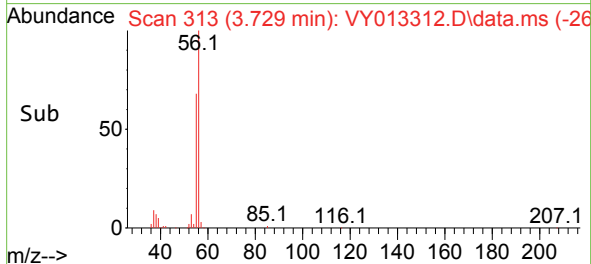
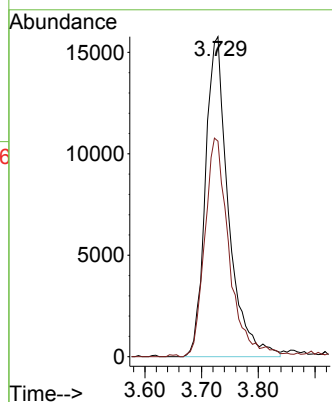
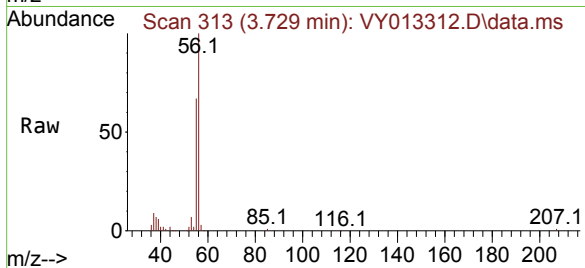
VY0414SBS01

Tgt Ion: 56 Resp: 44344

Ion Ratio Lower Upper

56 100

55 73.0 56.8 85.2



#14

Allyl chloride

Concen: 19.507 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.012 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

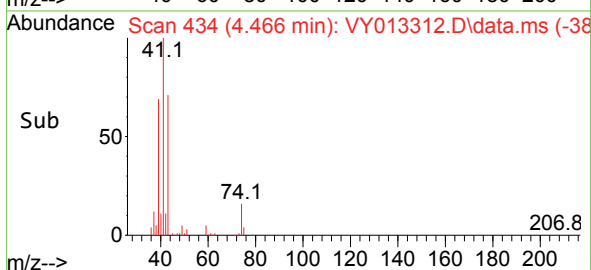
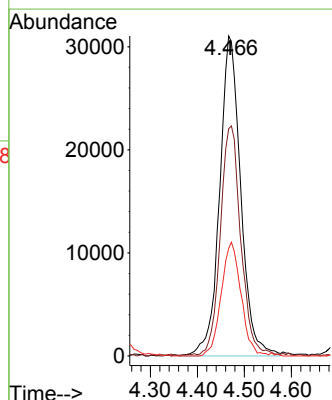
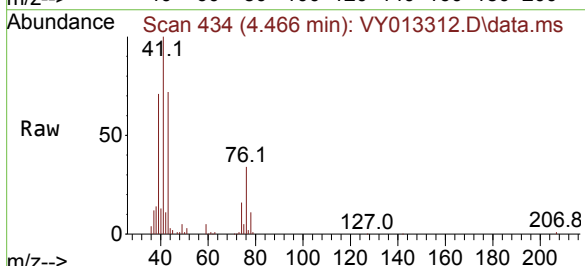
Tgt Ion: 41 Resp: 97184

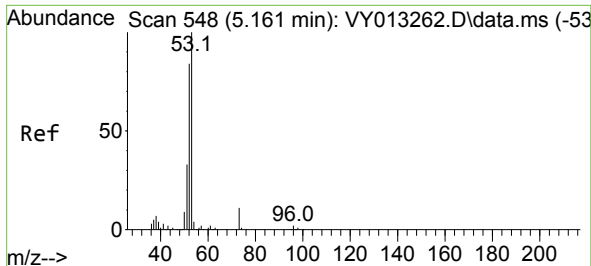
Ion Ratio Lower Upper

41 100

39 69.2 53.6 80.4

76 33.3 27.2 40.8

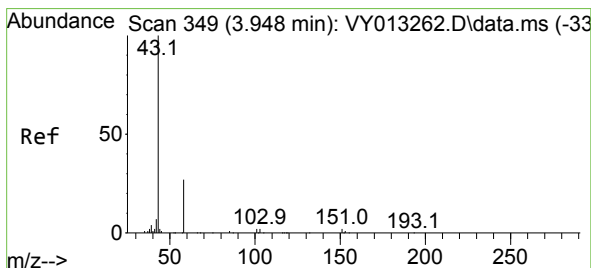
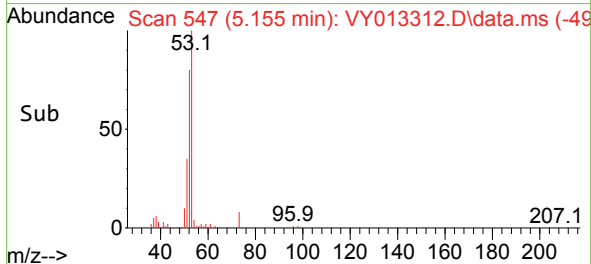
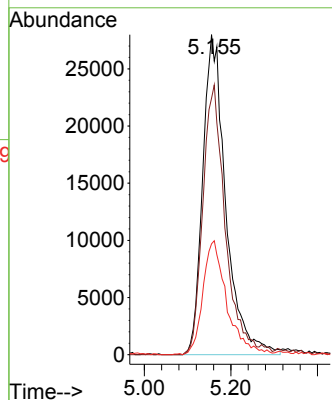
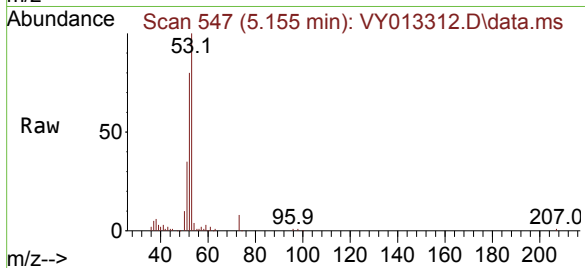




#15
Acrylonitrile
Concen: 107.803 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

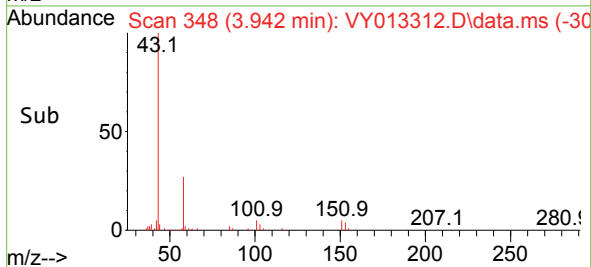
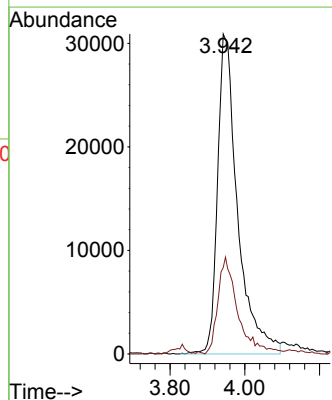
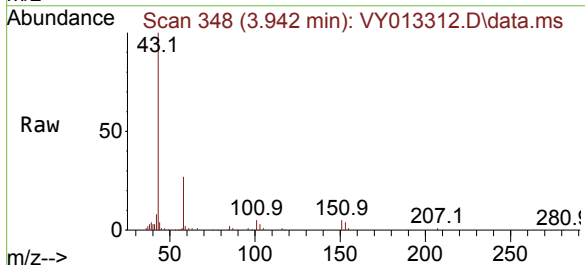
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

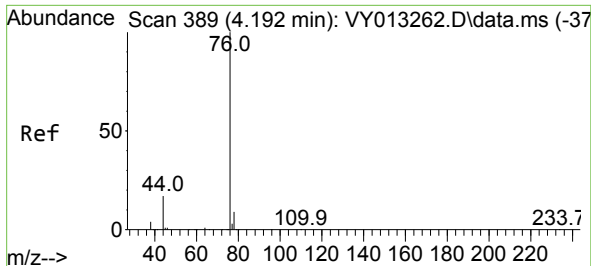
Tgt Ion: 53 Resp: 103792
Ion Ratio Lower Upper
53 100
52 81.1 66.3 99.5
51 37.0 28.8 43.2



#16
Acetone
Concen: 100.658 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 43 Resp: 115276
Ion Ratio Lower Upper
43 100
58 25.9 24.2 36.2

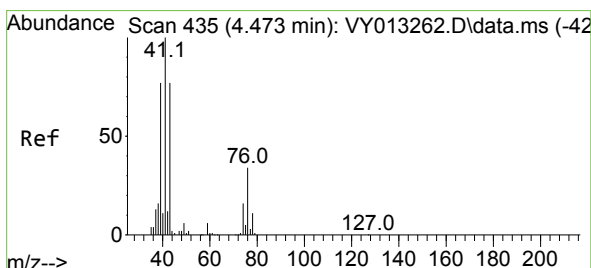
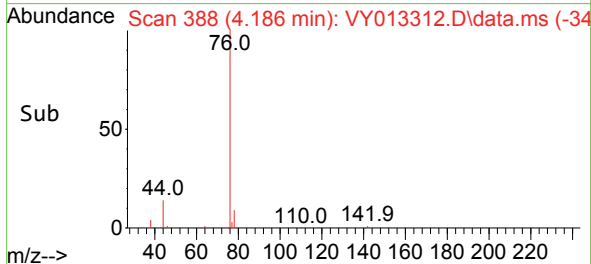
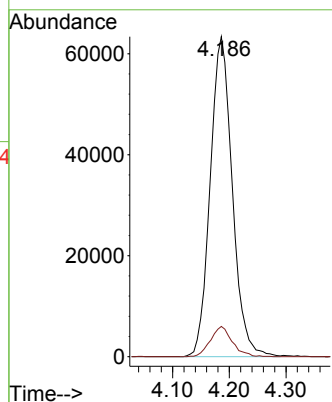
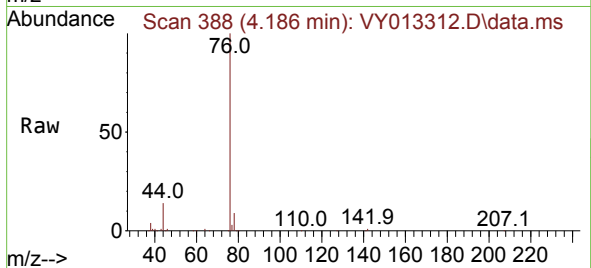




#17
Carbon Disulfide
Concen: 19.983 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

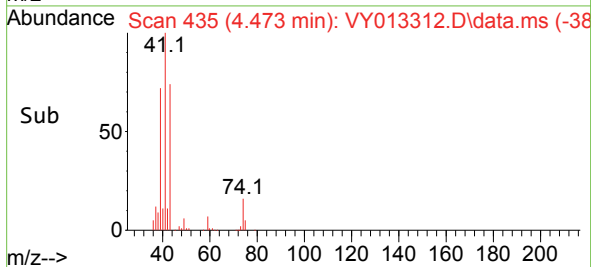
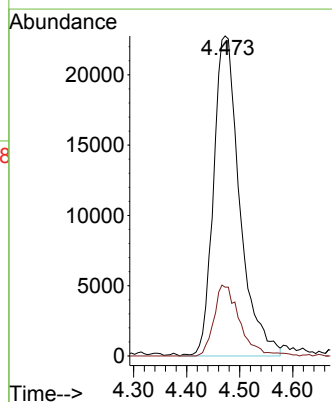
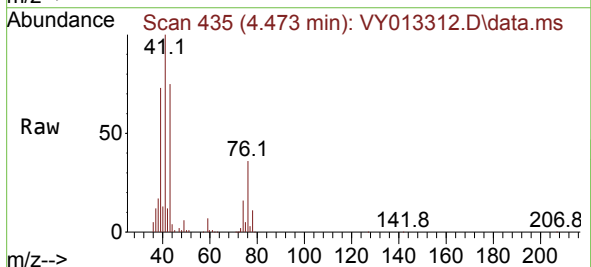
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

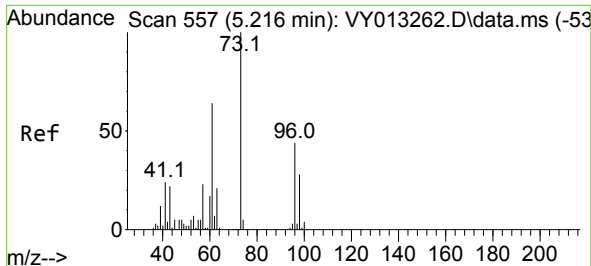
Tgt Ion: 76 Resp: 171580
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 21.087 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 43 Resp: 78104
Ion Ratio Lower Upper
43 100
74 21.9 17.4 26.0

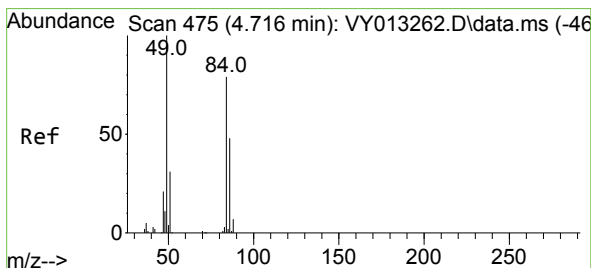
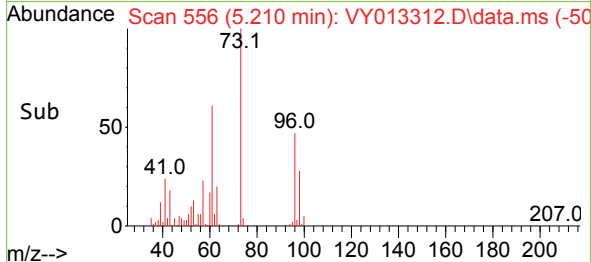
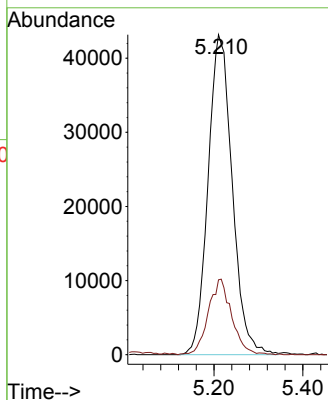
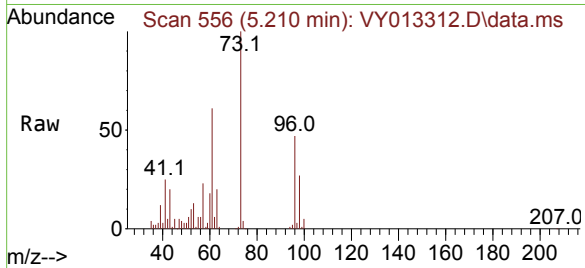




#19
Methyl tert-butyl Ether
Concen: 20.847 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

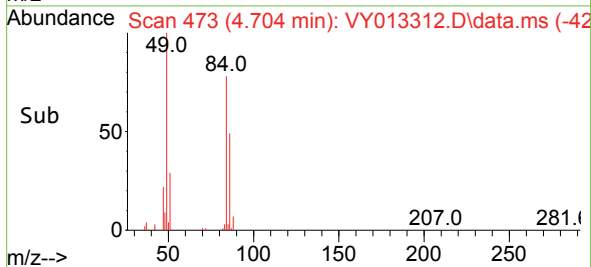
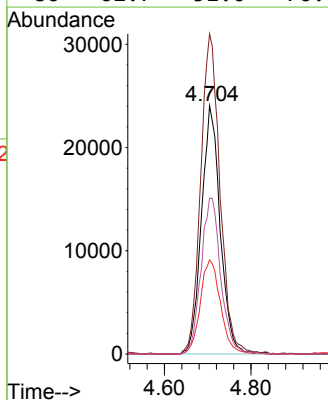
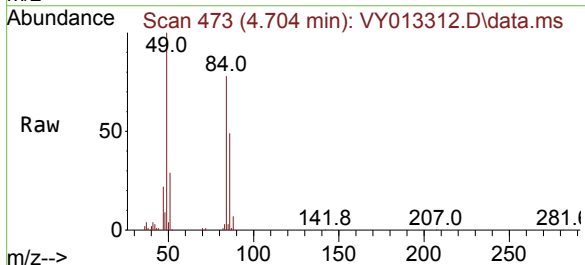
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

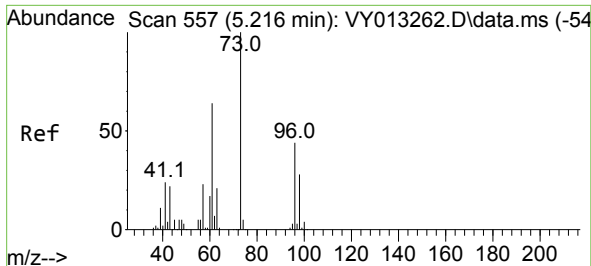
Tgt Ion: 73 Resp: 162866
Ion Ratio Lower Upper
73 100
57 23.4 18.3 27.5



#20
Methylene Chloride
Concen: 21.490 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 84 Resp: 72373
Ion Ratio Lower Upper
84 100
49 128.8 102.6 154.0
51 37.9 31.9 47.9
86 62.7 51.0 76.6

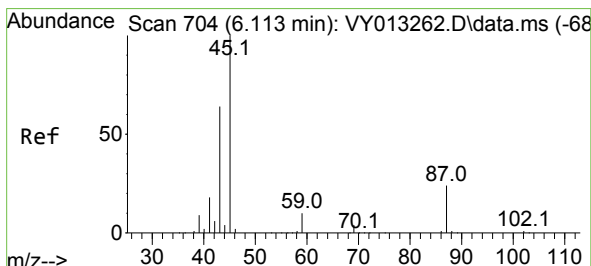
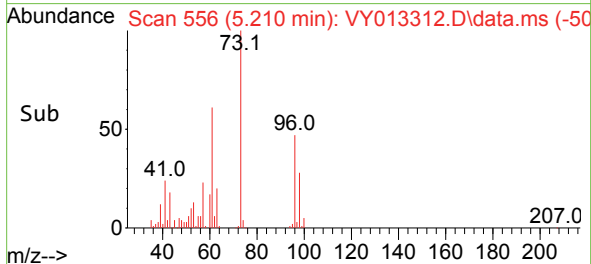
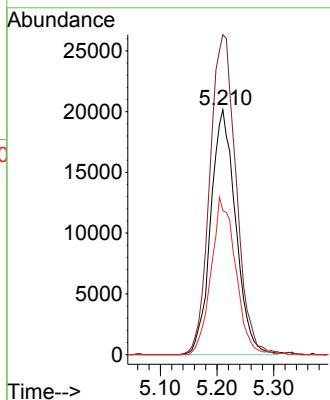
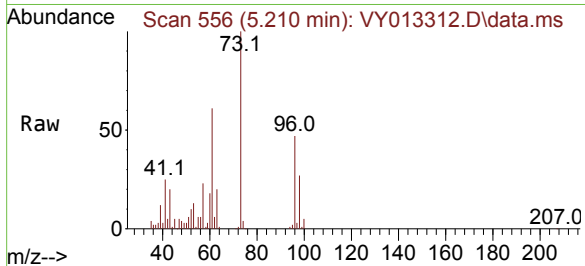




#21
trans-1,2-Dichloroethene
Concen: 20.701 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

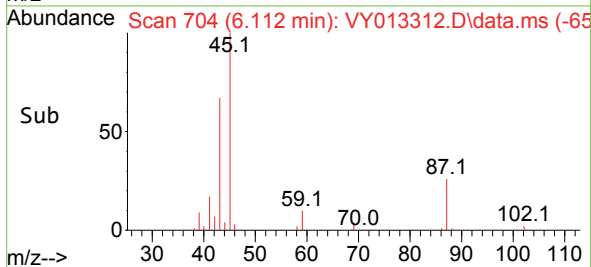
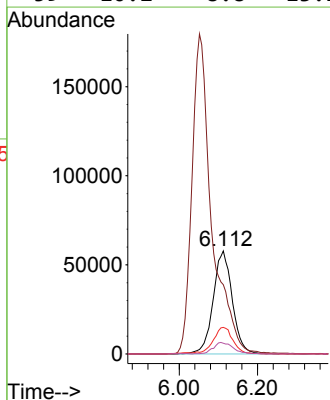
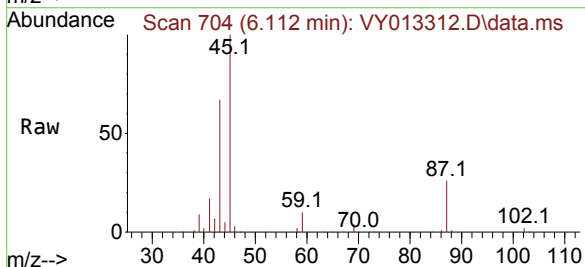
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

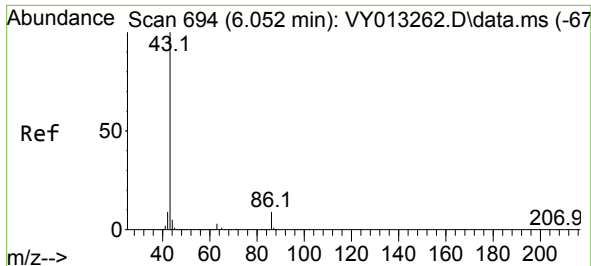
Tgt Ion: 96 Resp: 61631
Ion Ratio Lower Upper
96 100
61 130.6 111.4 167.0
98 58.8 50.8 76.2



#22
Diisopropyl ether
Concen: 20.000 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 45 Resp: 196365
Ion Ratio Lower Upper
45 100
43 66.4 45.0 67.6
87 25.8 20.3 30.5
59 10.2 8.8 13.2

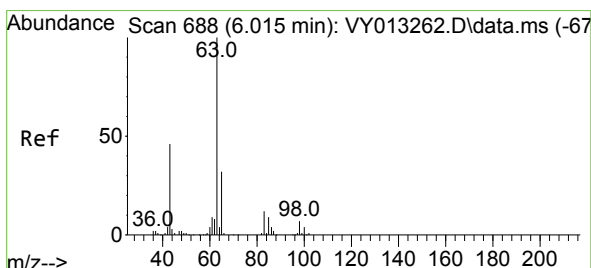
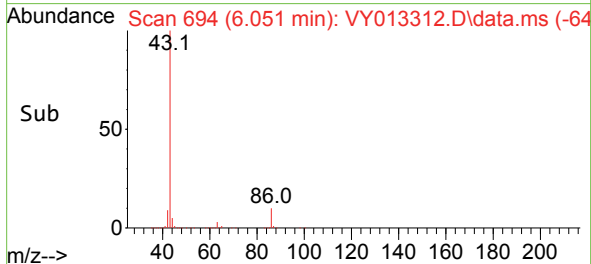
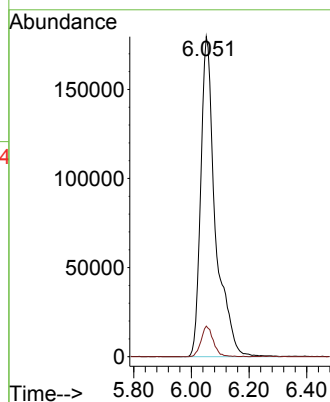
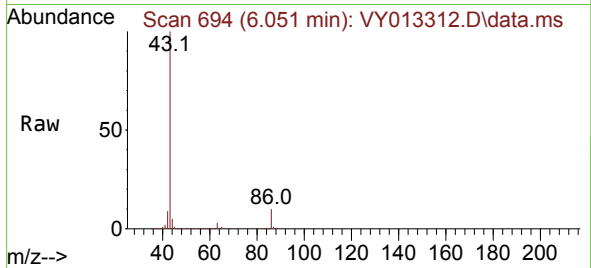




#23
 Vinyl Acetate
 Concen: 102.072 ug/l
 RT: 6.051 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY013312.D
 Acq: 14 Apr 2023 12:38

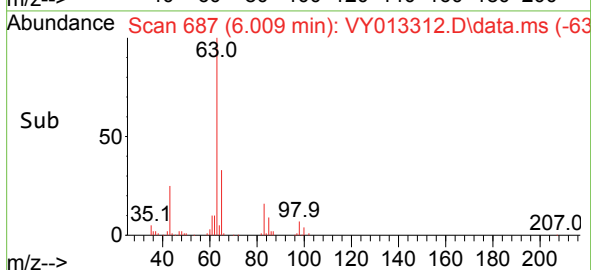
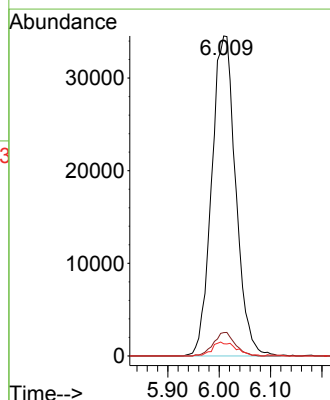
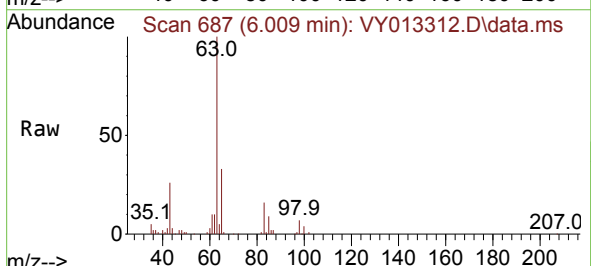
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

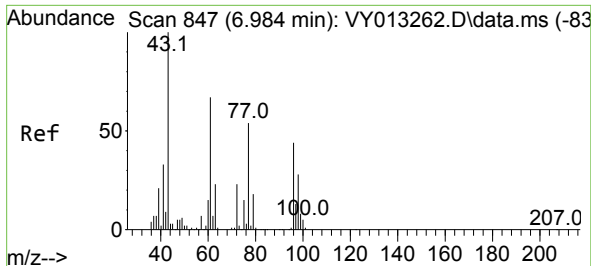
Tgt Ion: 43 Resp: 633541
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 20.414 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013312.D
 Acq: 14 Apr 2023 12:38

Tgt Ion: 63 Resp: 111963
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 3.8 2.3 6.8

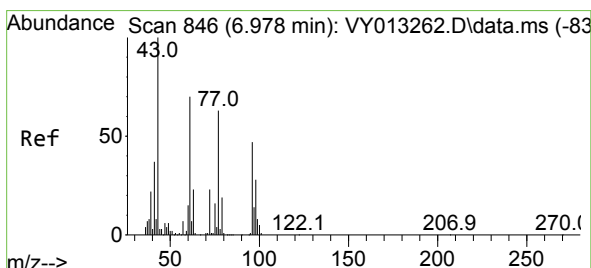
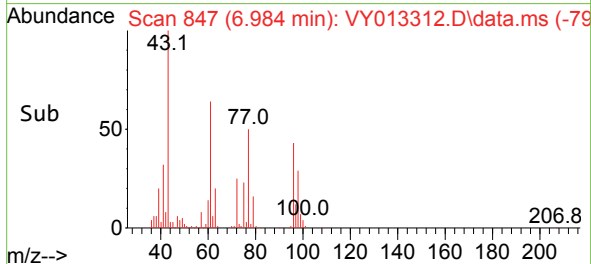
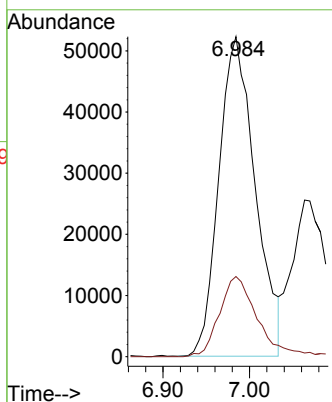
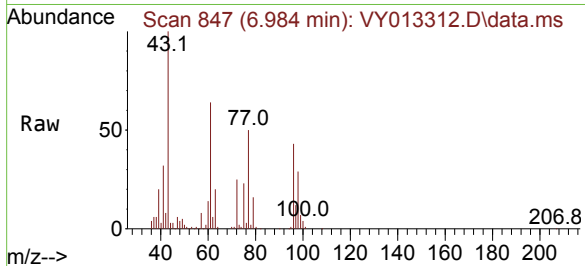




#25
2-Butanone
Concen: 104.084 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

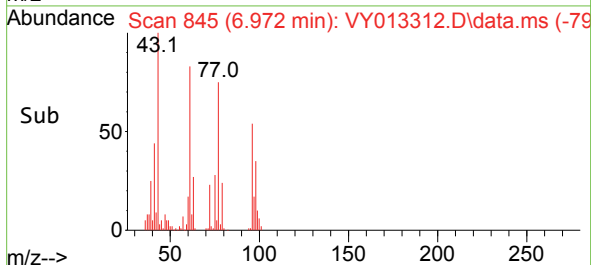
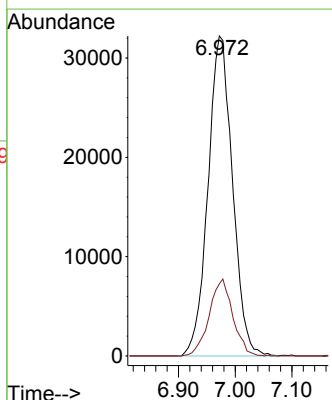
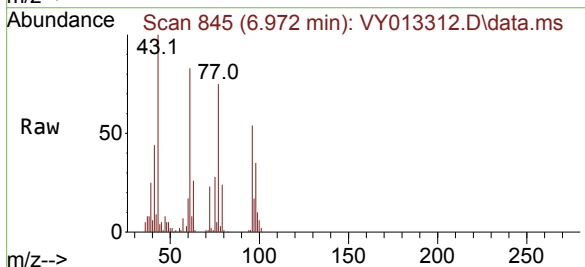
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

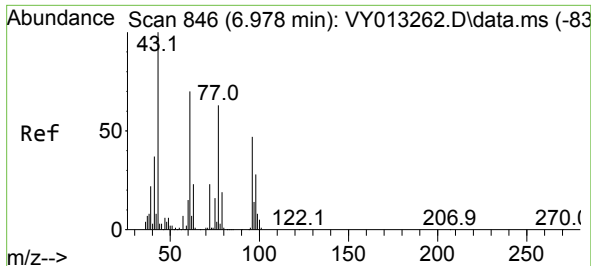
Tgt Ion: 43 Resp: 152623
Ion Ratio Lower Upper
43 100
72 25.1 21.0 31.4



#26
2,2-Dichloropropane
Concen: 19.656 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 77 Resp: 96718
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 20.768 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

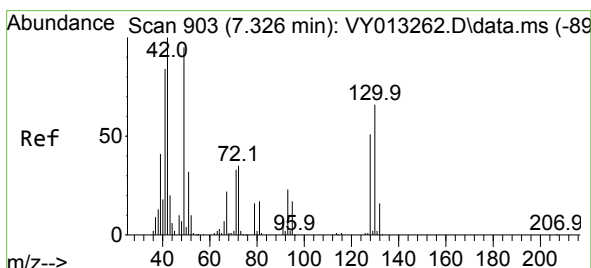
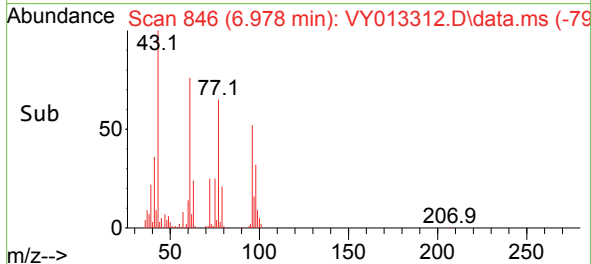
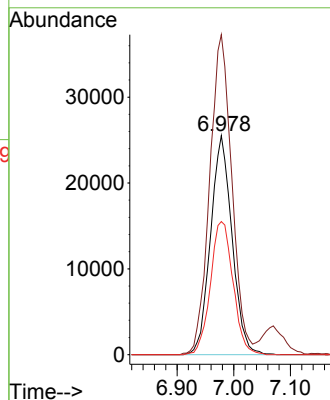
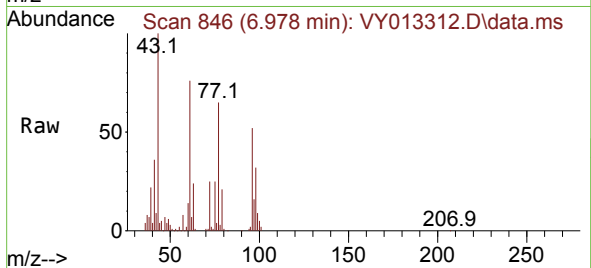
Tgt Ion: 96 Resp: 67231

Ion Ratio Lower Upper

96 100

61 150.3 0.0 295.8

98 63.8 0.0 130.2



#28

Bromochloromethane

Concen: 19.765 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

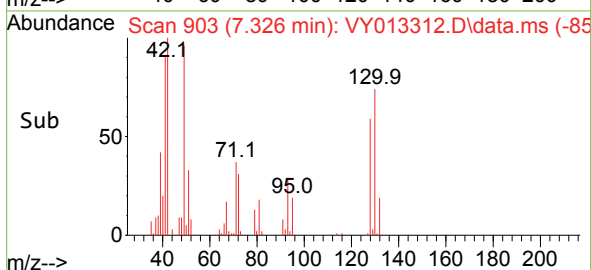
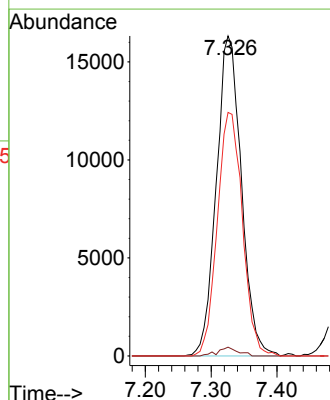
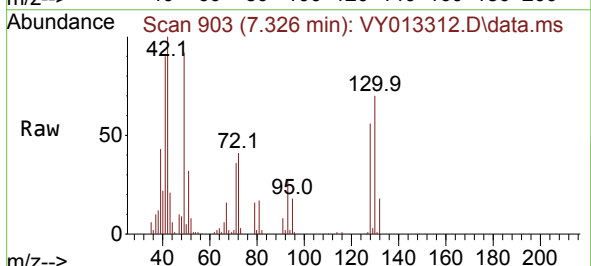
Tgt Ion: 49 Resp: 43202

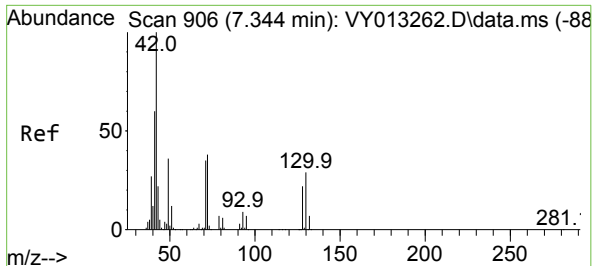
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 76.3 60.5 90.7

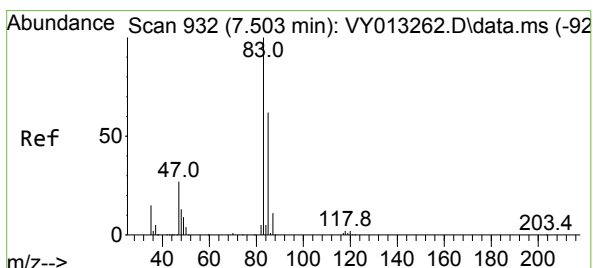
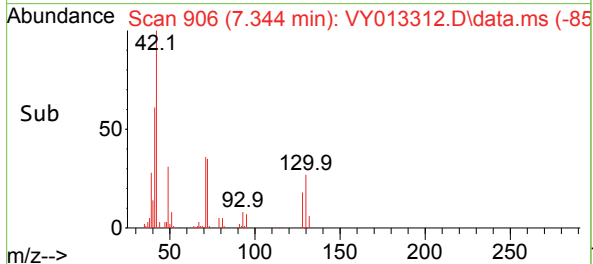
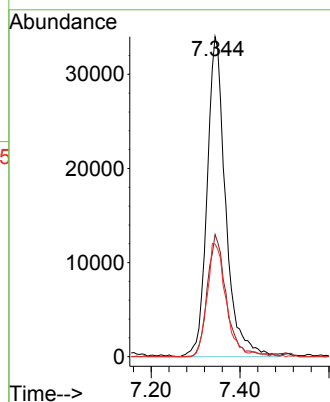
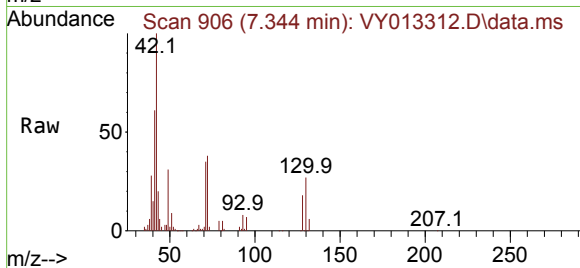




#29
Tetrahydrofuran
Concen: 110.669 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

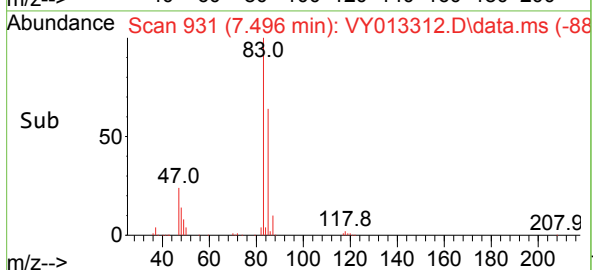
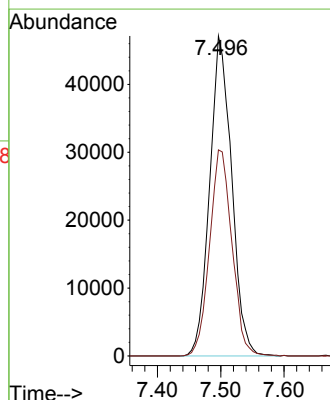
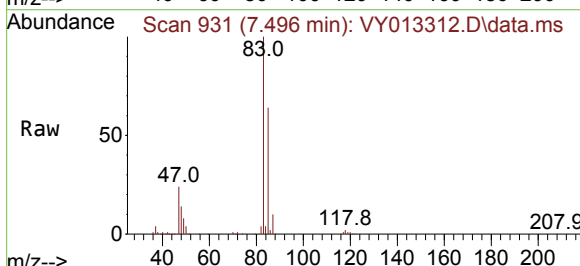
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

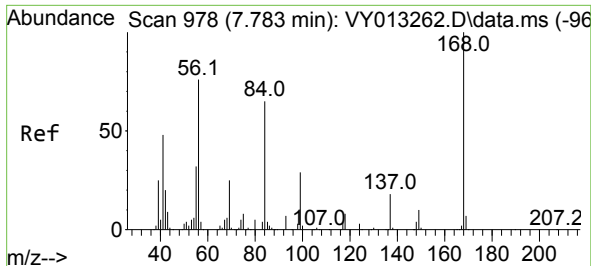
Tgt Ion:	42	Resp:	98561
Ion	Ratio	Lower	Upper
42	100		
72	39.0	32.3	48.5
71	35.8	30.3	45.5



#30
Chloroform
Concen: 20.493 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion:	83	Resp:	113741
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.4	77.0

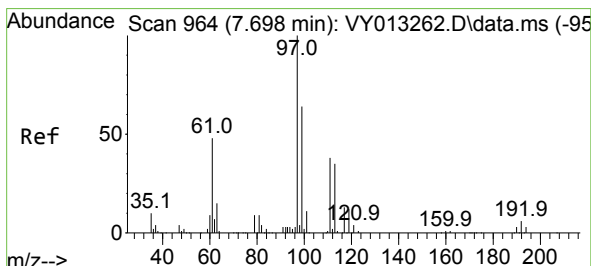
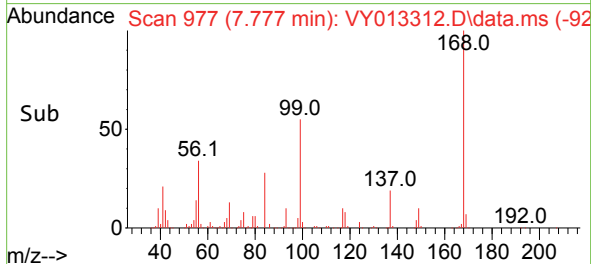
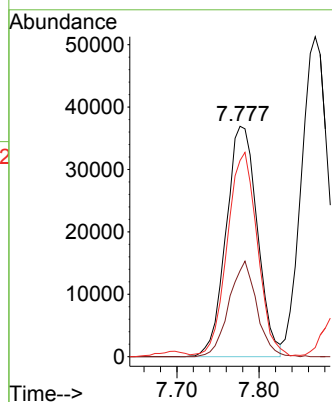
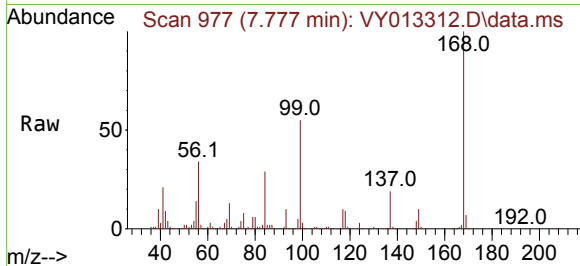




#31
Cyclohexane
Concen: 19.379 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

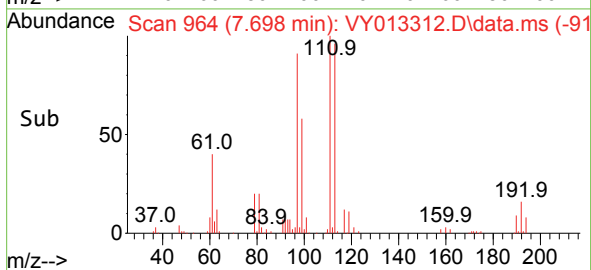
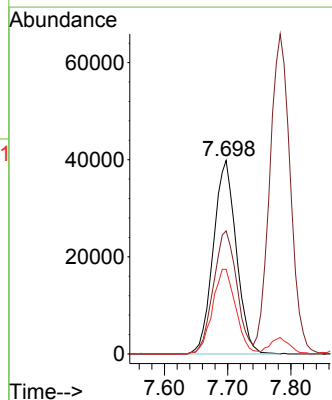
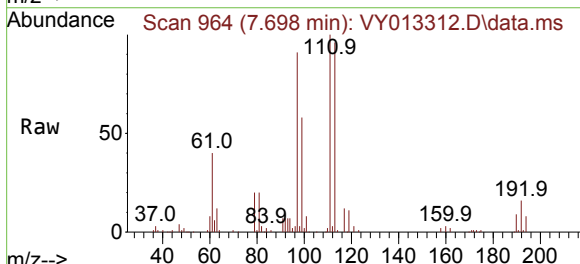
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

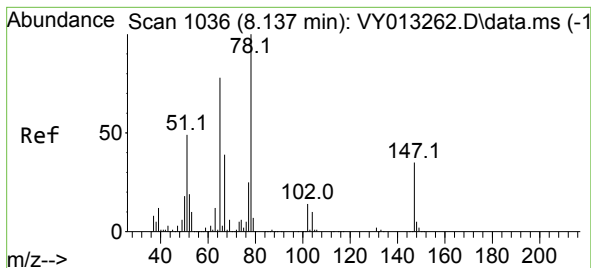
Tgt Ion: 56 Resp: 97598
Ion Ratio Lower Upper
56 100
69 37.3 25.7 38.5
84 83.2 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 20.016 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 97 Resp: 100501
Ion Ratio Lower Upper
97 100
99 65.1 51.0 76.6
61 44.5 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.053 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

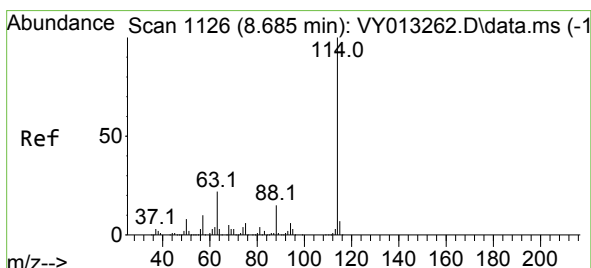
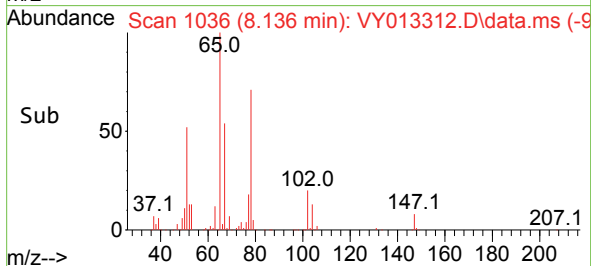
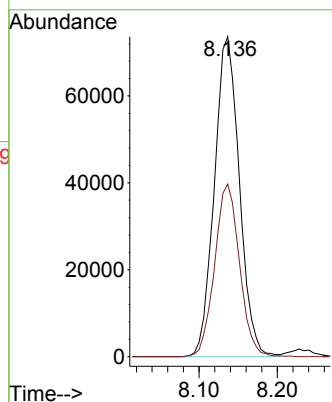
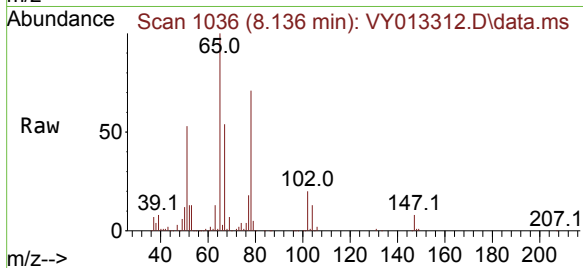
VY0414SBS01

Tgt Ion: 65 Resp: 163387

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

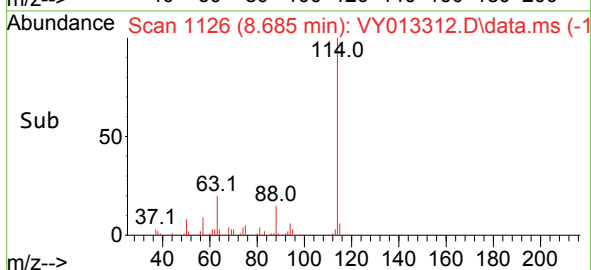
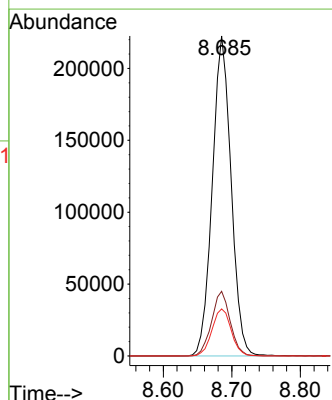
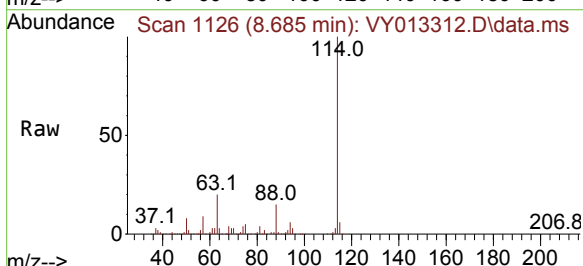
Tgt Ion: 114 Resp: 423725

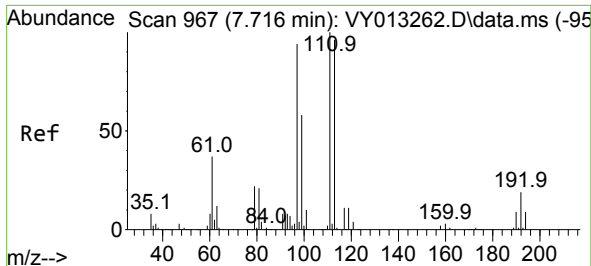
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.7 0.0 28.6

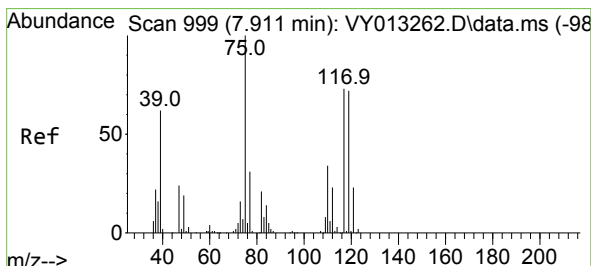
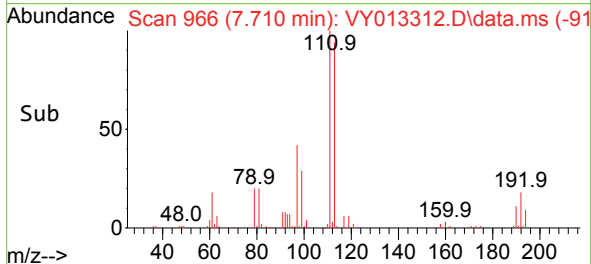
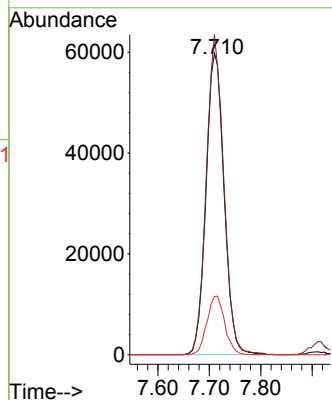
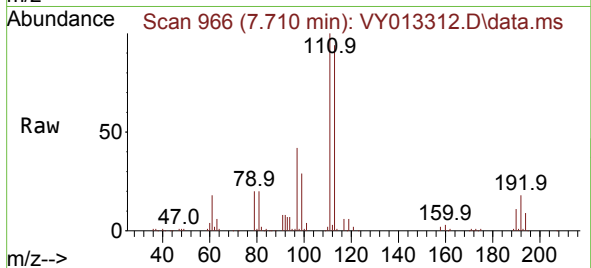




#35
Dibromofluoromethane
Concen: 53.014 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

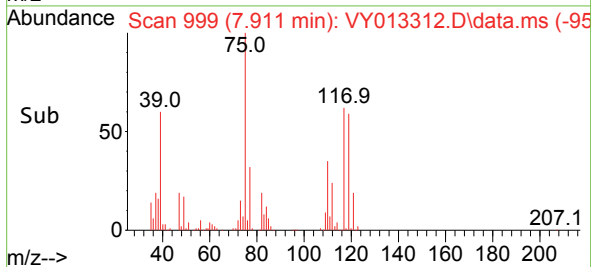
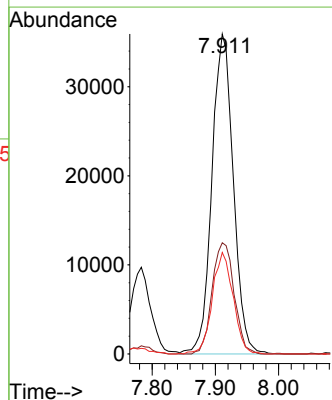
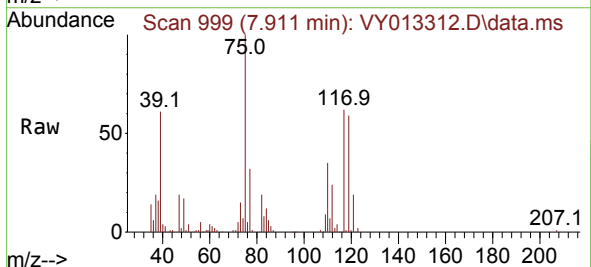
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

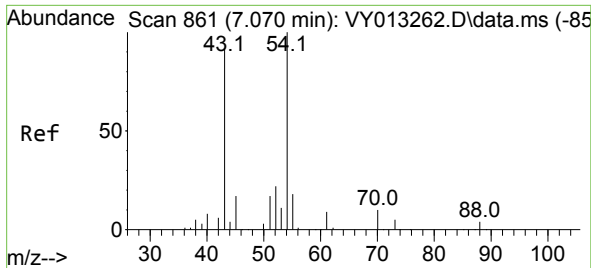
Tgt Ion:113 Resp: 145425
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.336 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 75 Resp: 84510
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.3
77 31.0 25.0 37.4

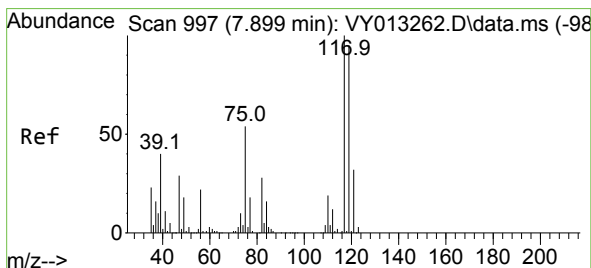
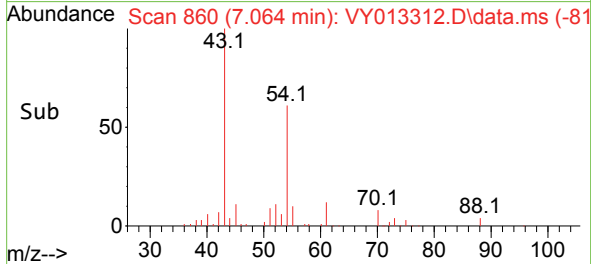
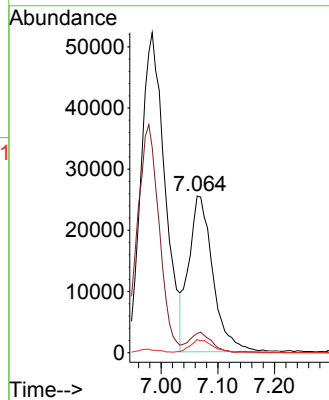
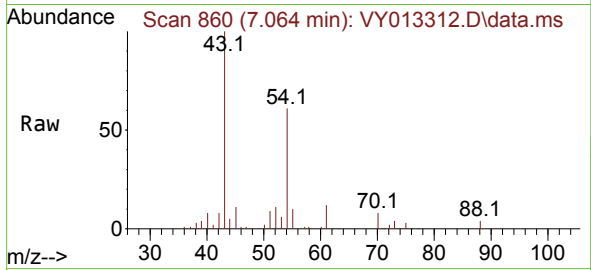




#37
Ethyl Acetate
Concen: 22.439 ug/l
RT: 7.064 min Scan# 860
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

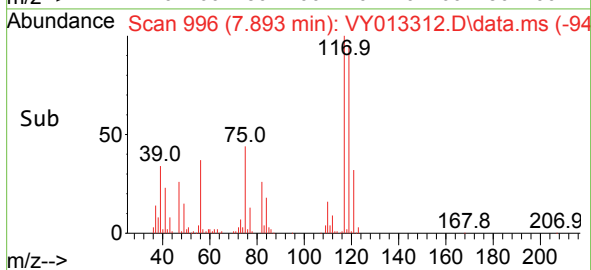
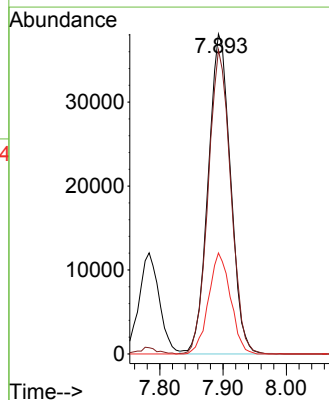
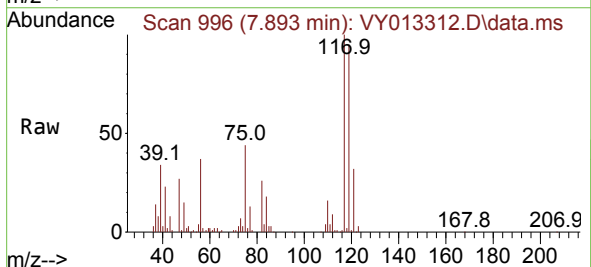
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

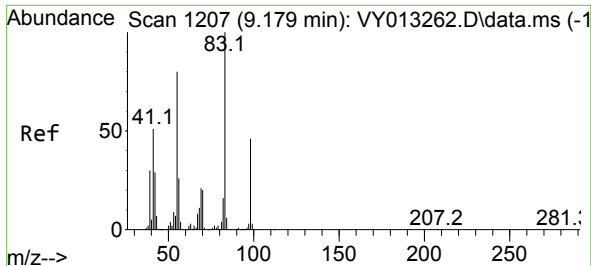
Tgt Ion: 43 Resp: 75167
Ion Ratio Lower Upper
43 100
61 11.2 10.7 16.1
70 7.4 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 20.412 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 117 Resp: 93796
Ion Ratio Lower Upper
117 100
119 94.9 77.2 115.8
121 31.6 24.7 37.1





#39

Methylcyclohexane

Concen: 19.761 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

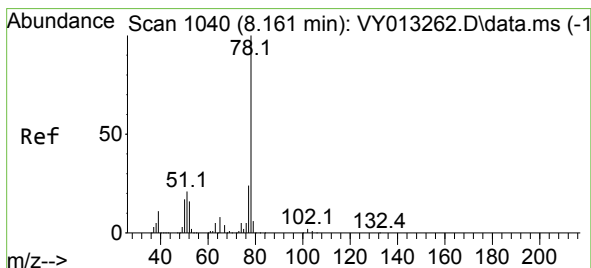
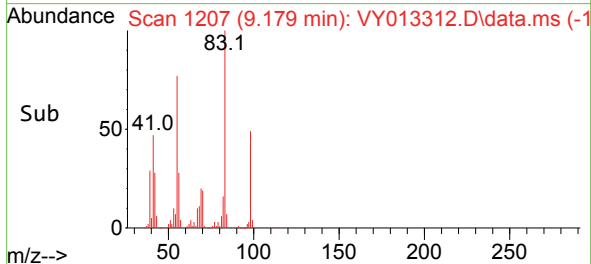
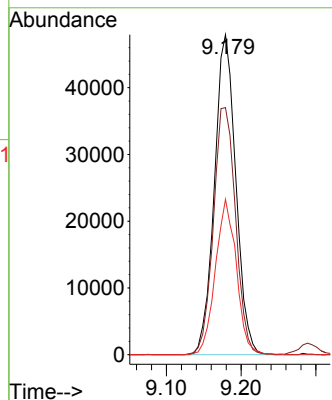
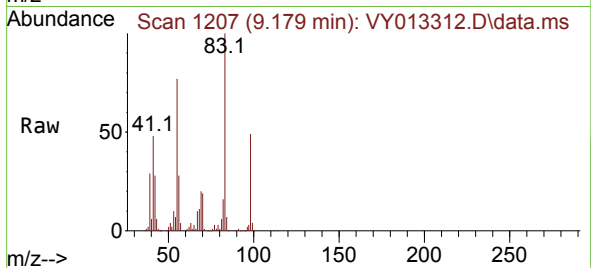
Tgt Ion: 83 Resp: 95466

Ion Ratio Lower Upper

83 100

55 77.2 60.0 90.0

98 48.6 38.3 57.5



#40

Benzene

Concen: 20.353 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013312.D

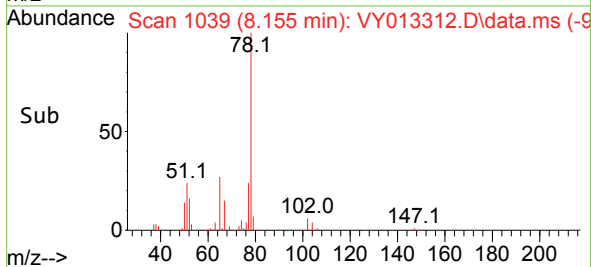
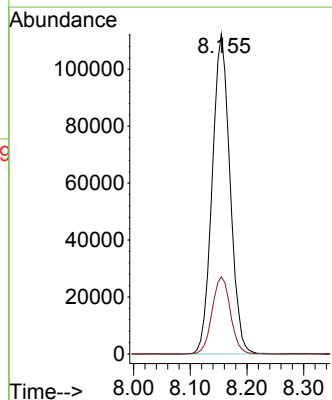
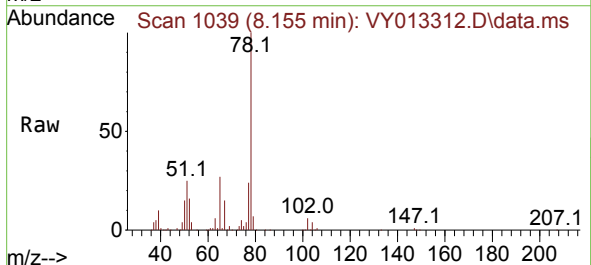
Acq: 14 Apr 2023 12:38

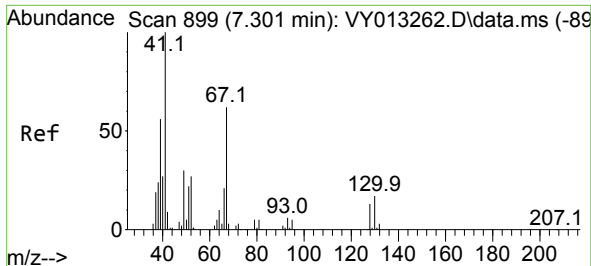
Tgt Ion: 78 Resp: 244804

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.0

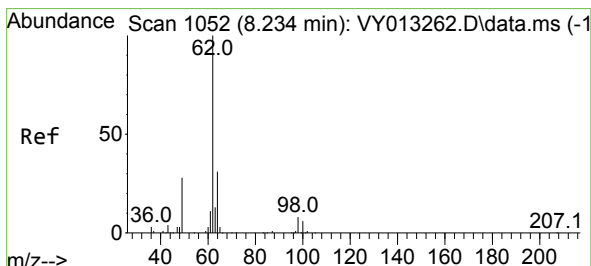
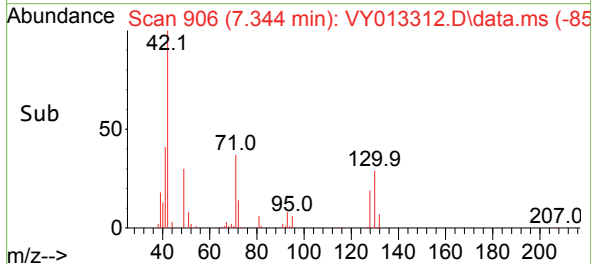
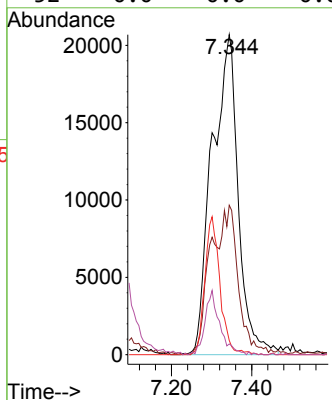
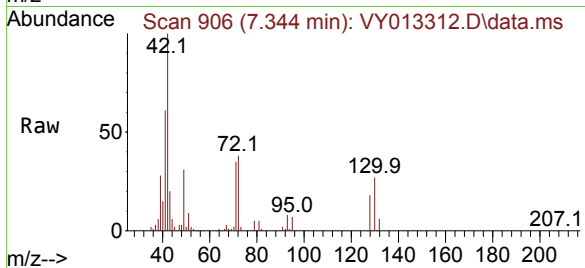




#41
Methacrylonitrile
Concen: 67.296 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.043 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

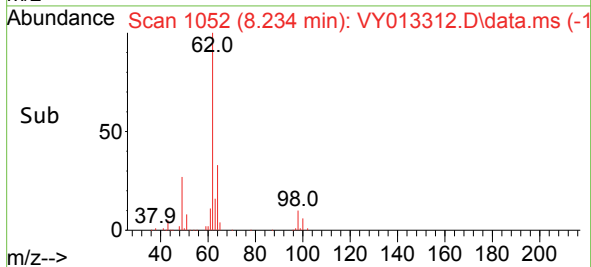
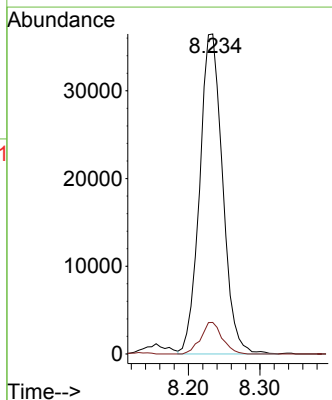
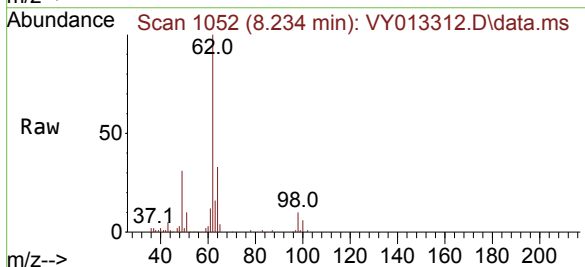
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

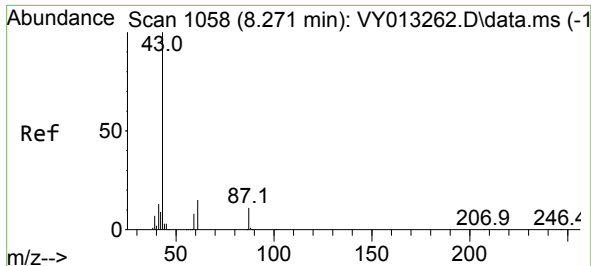
Tgt Ion:	41	Resp:	93526
Ion Ratio	Lower	Upper	
41	100		
39	28.0	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.976 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion:	62	Resp:	81463
Ion Ratio	Lower	Upper	
62	100		
98	9.2	0.0	18.8

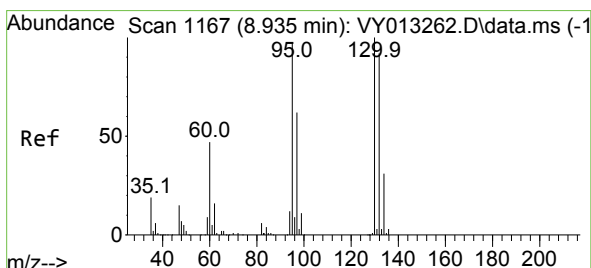
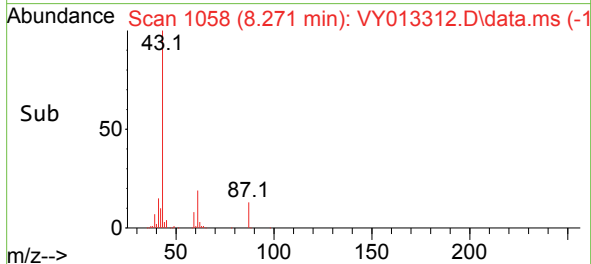
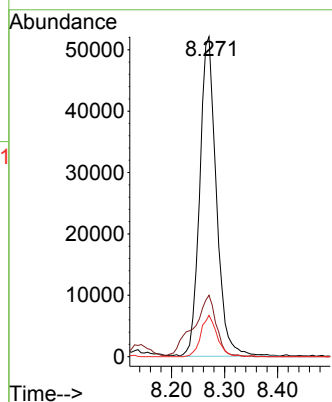
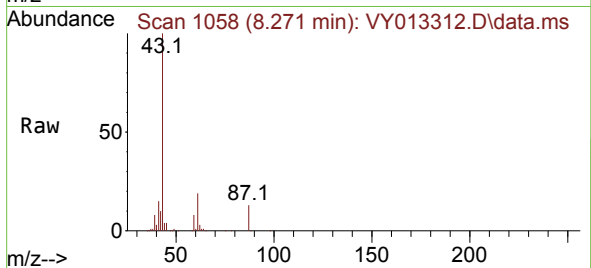




#43
Isopropyl Acetate
Concen: 20.364 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

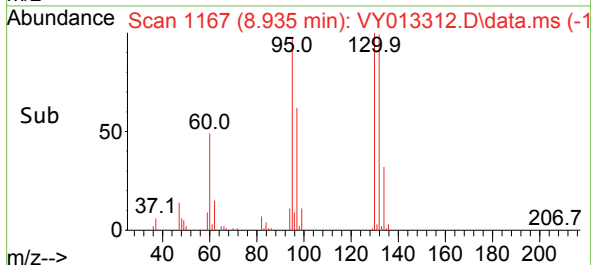
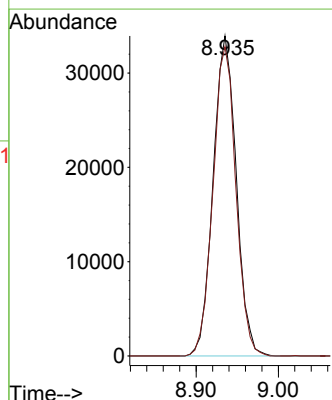
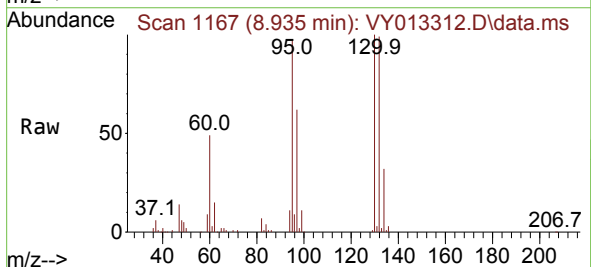
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

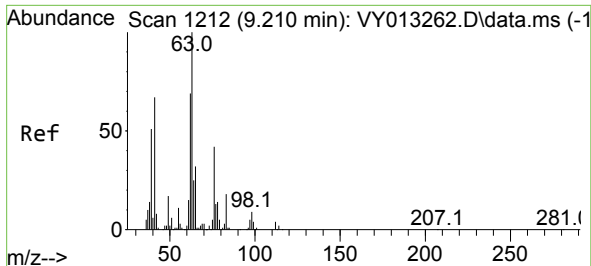
Tgt Ion: 43 Resp: 113306
Ion Ratio Lower Upper
43 100
61 26.6 21.6 32.4
87 12.7 9.9 14.9



#44
Trichloroethene
Concen: 21.417 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion:130 Resp: 66358
Ion Ratio Lower Upper
130 100
95 96.7 0.0 185.0





#45

1,2-Dichloropropane

Concen: 20.540 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

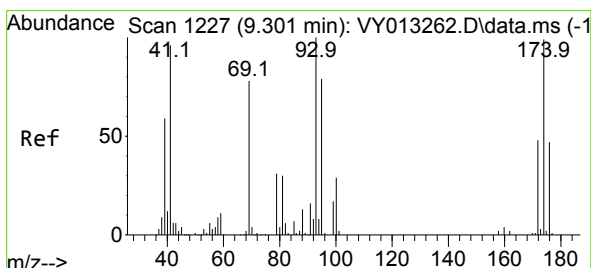
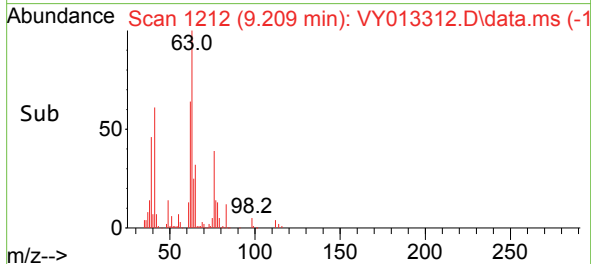
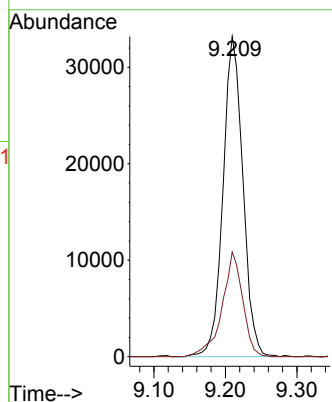
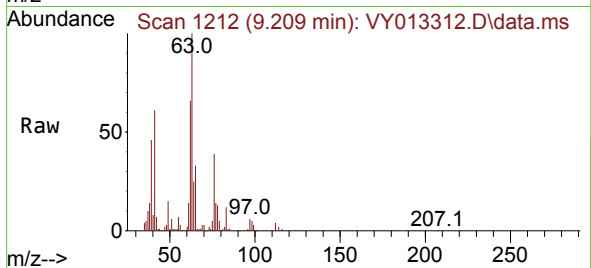
VY0414SBS01

Tgt Ion: 63 Resp: 64123

Ion Ratio Lower Upper

63 100

65 32.8 25.7 38.5



#46

Dibromomethane

Concen: 21.303 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

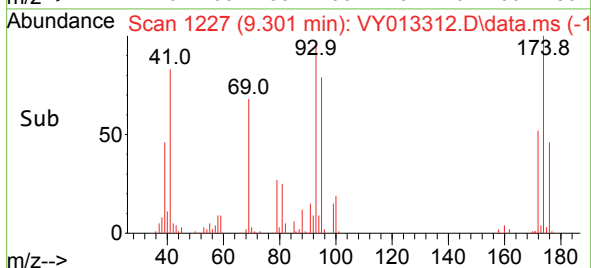
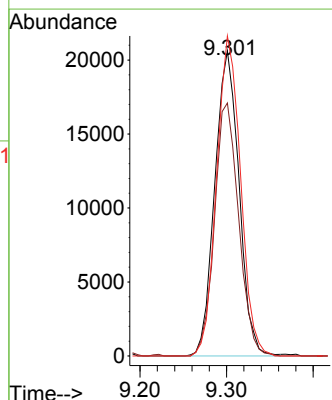
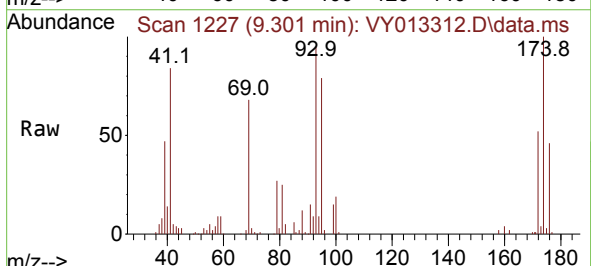
Tgt Ion: 93 Resp: 40026

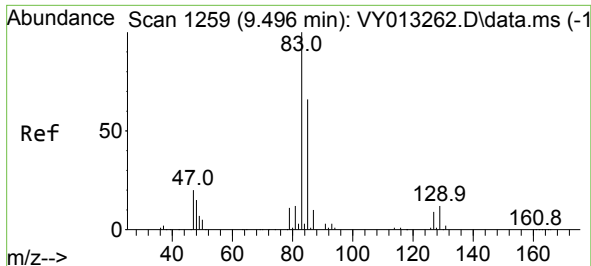
Ion Ratio Lower Upper

93 100

95 82.6 65.6 98.4

174 103.9 81.3 121.9

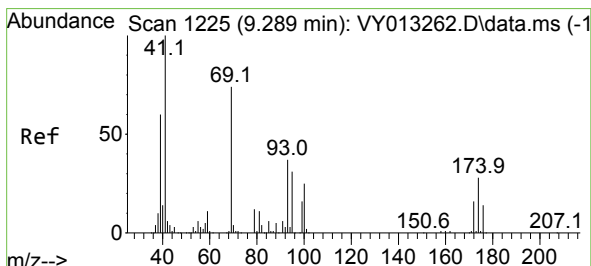
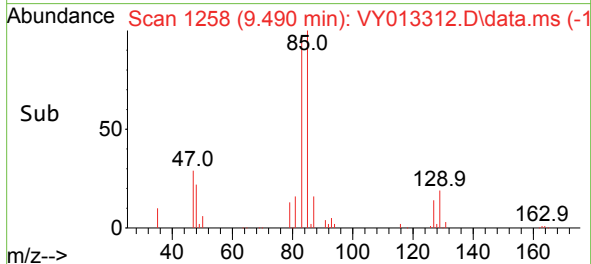
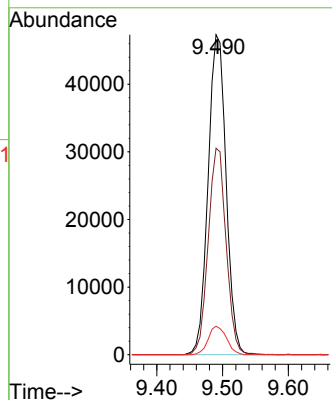
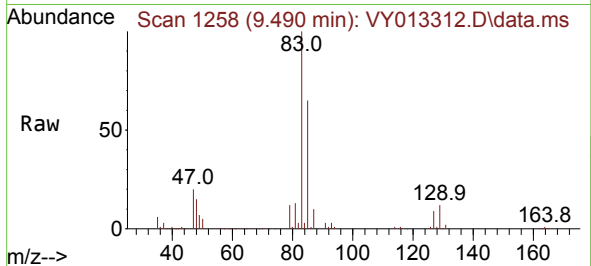




#47
Bromodichloromethane
Concen: 20.971 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

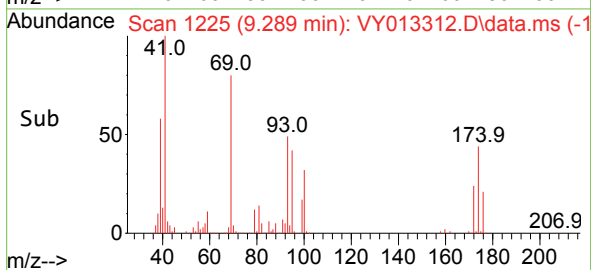
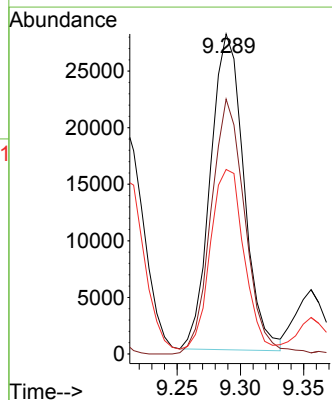
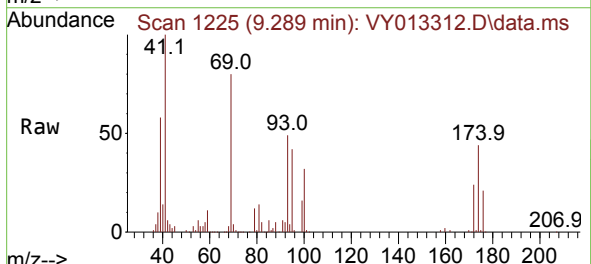
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

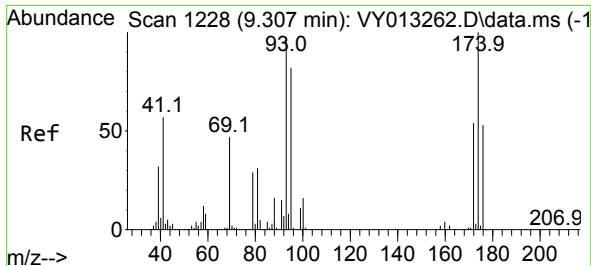
Tgt Ion: 83 Resp: 90073
Ion Ratio Lower Upper
83 100
85 64.5 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 20.066 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 41 Resp: 51284
Ion Ratio Lower Upper
41 100
69 82.3 64.1 96.1
39 57.1 44.0 66.0

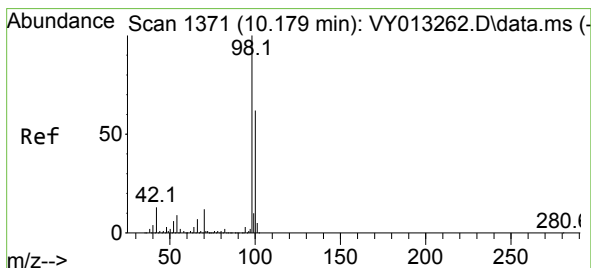
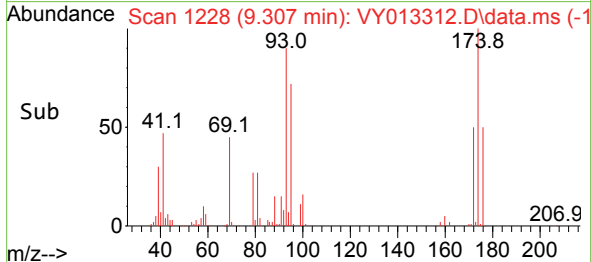
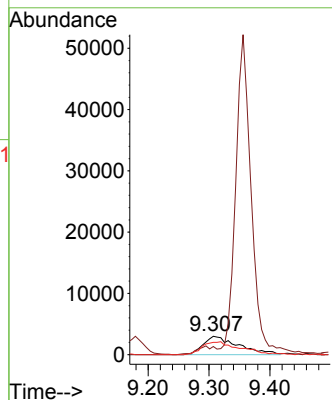
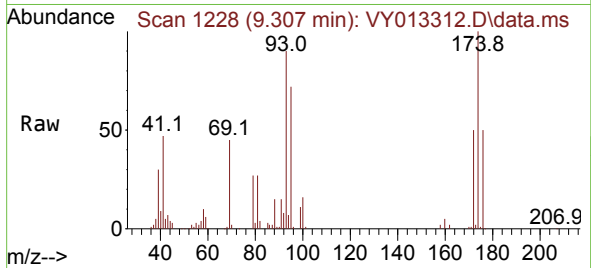




#49
1,4-Dioxane
Concen: 477.406 ug/l
RT: 9.307 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

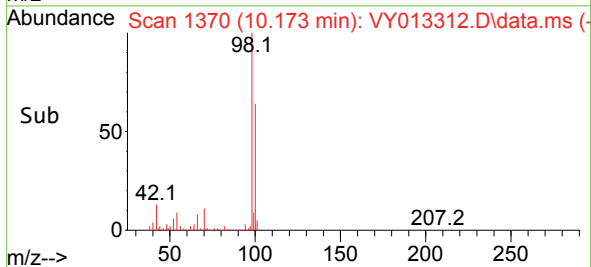
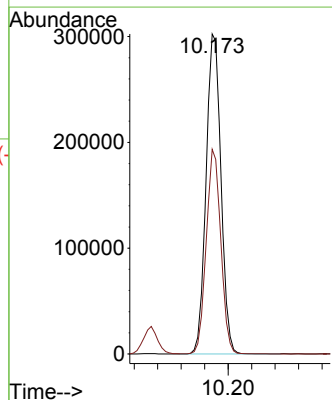
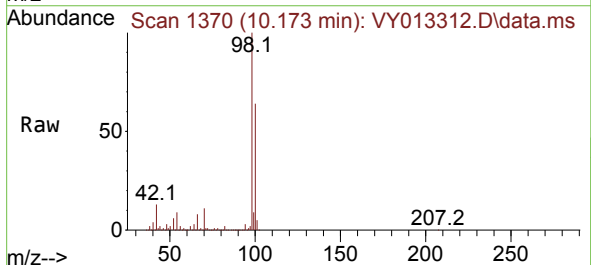
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

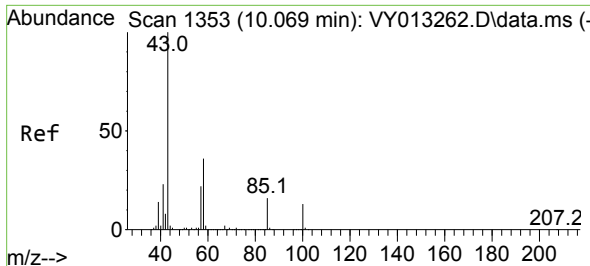
Tgt Ion: 88 Resp: 12153
Ion Ratio Lower Upper
88 100
43 24.1 28.6 42.8#
58 0.0 55.2 82.8#



#50
Toluene-d8
Concen: 52.111 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 98 Resp: 532080
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3

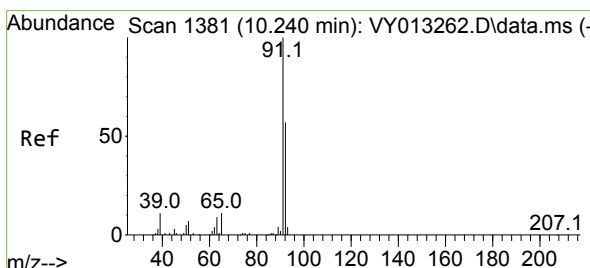
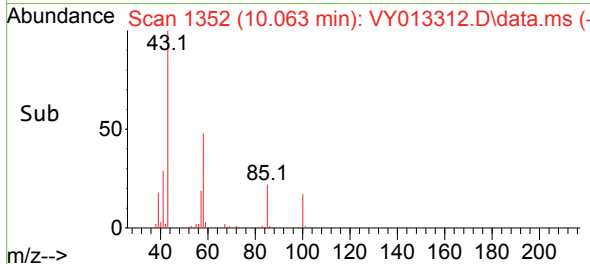
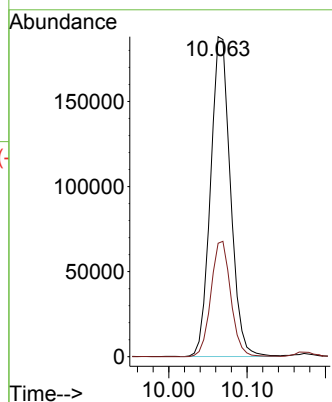
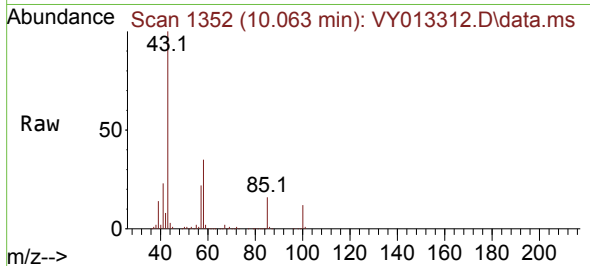




#51
4-Methyl-2-Pentanone
Concen: 109.370 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

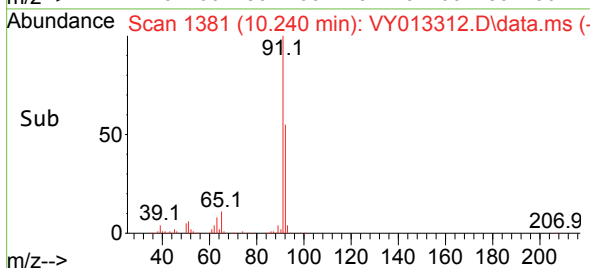
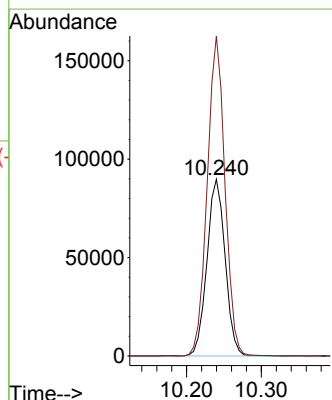
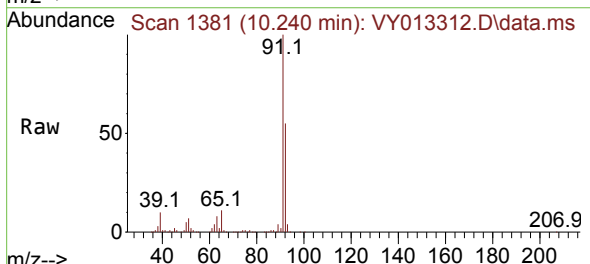
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

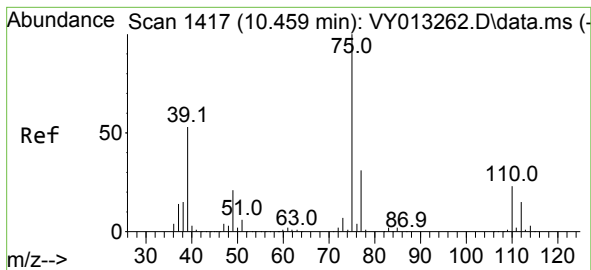
Tgt Ion: 43 Resp: 331188
Ion Ratio Lower Upper
43 100
58 36.1 29.8 44.6



#52
Toluene
Concen: 20.885 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 92 Resp: 151687
Ion Ratio Lower Upper
92 100
91 176.4 141.3 211.9

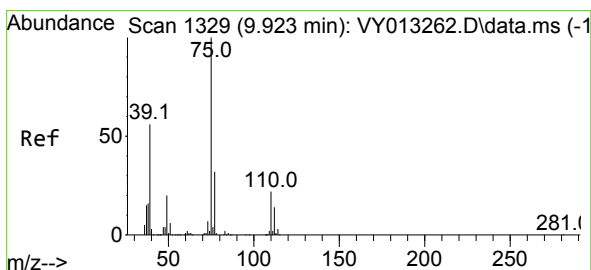
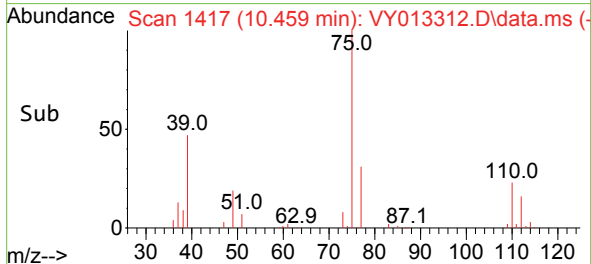
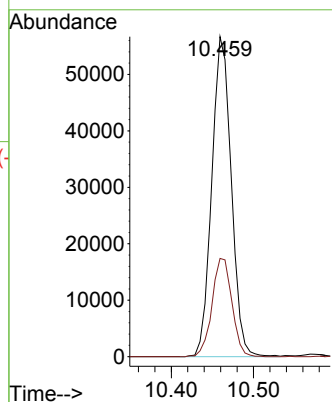
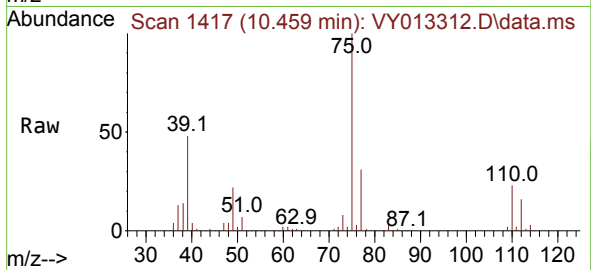




#53
t-1,3-Dichloropropene
Concen: 20.765 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

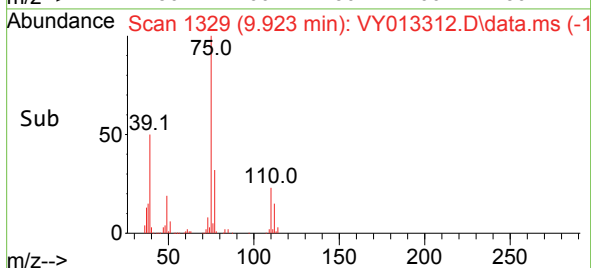
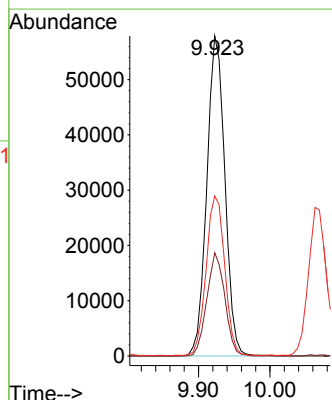
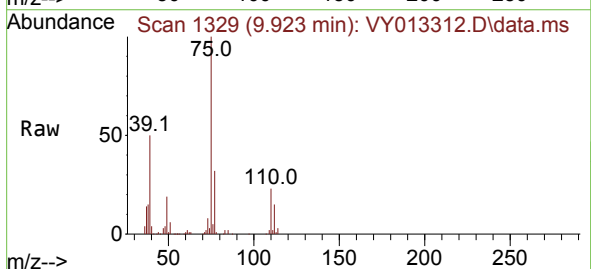
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

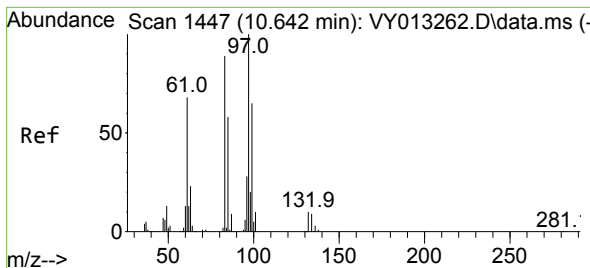
Tgt Ion: 75 Resp: 93403
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.588 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 75 Resp: 101547
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
39 49.8 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 21.371 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

Tgt Ion: 97 Resp: 52944

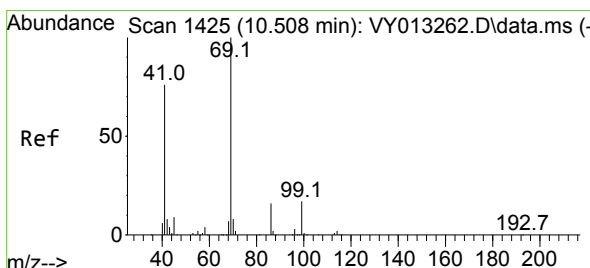
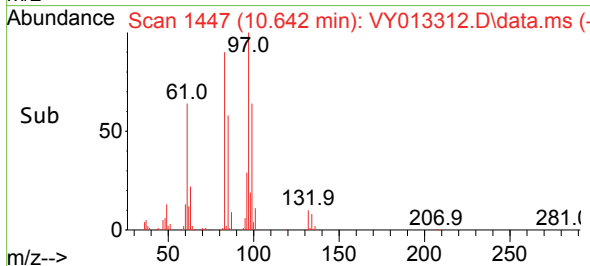
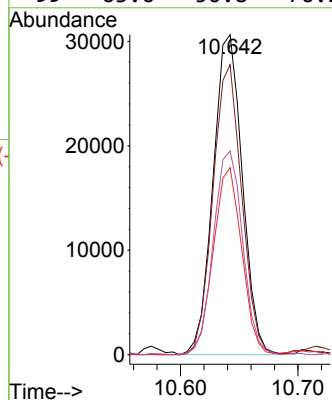
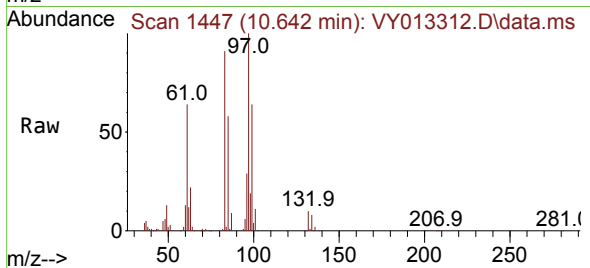
Ion Ratio Lower Upper

97 100

83 90.6 69.0 103.6

85 58.4 44.9 67.3

99 63.6 50.8 76.2



#56

Ethyl methacrylate

Concen: 21.347 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

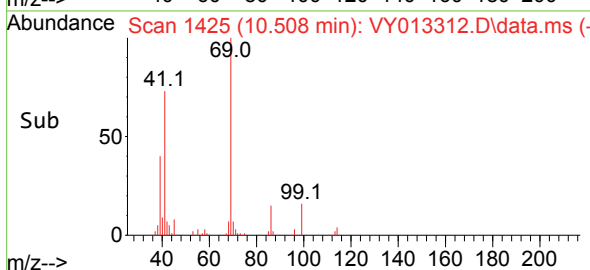
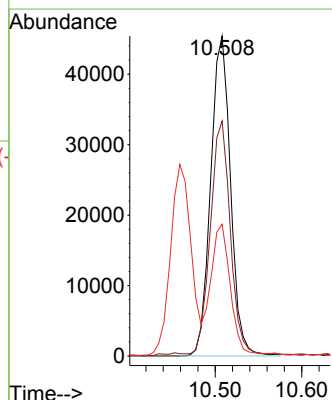
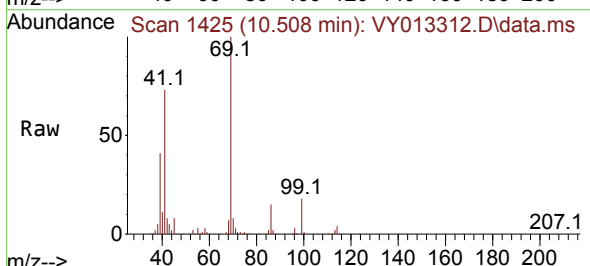
Tgt Ion: 69 Resp: 72409

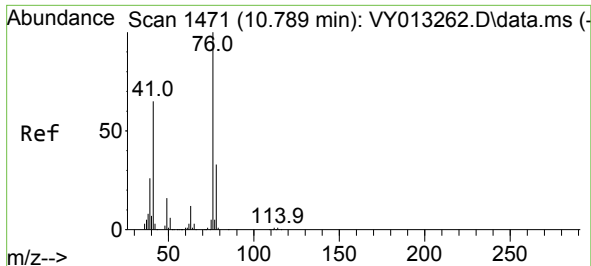
Ion Ratio Lower Upper

69 100

41 73.3 56.4 84.6

39 41.1 30.8 46.2





#57

1,3-Dichloropropane

Concen: 21.015 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. -0.006 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

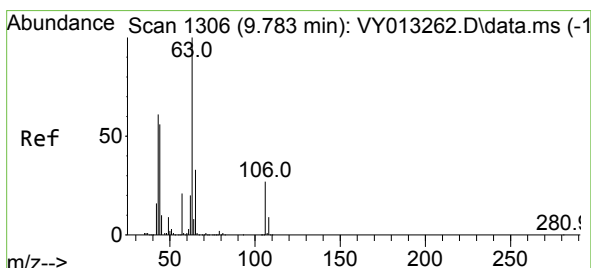
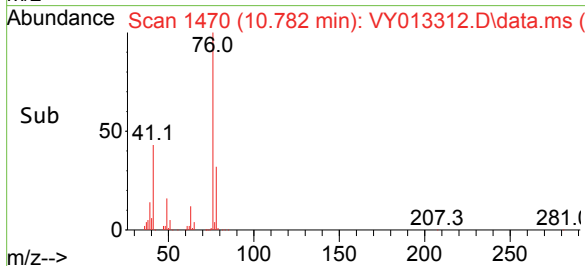
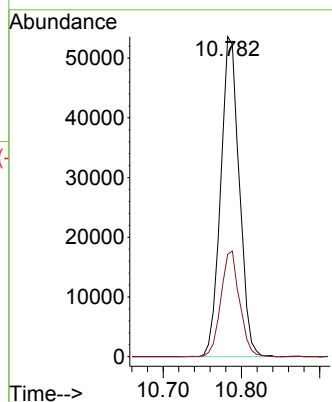
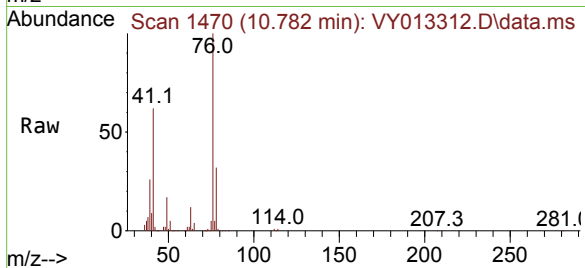
VY0414SBS01

Tgt Ion: 76 Resp: 88547

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 116.008 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY013312.D

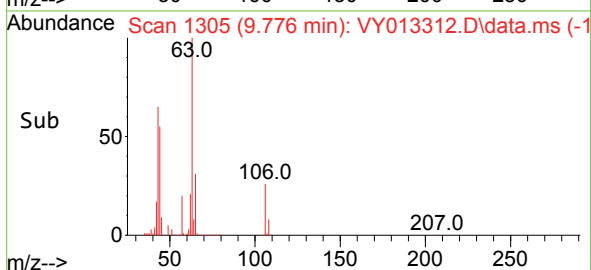
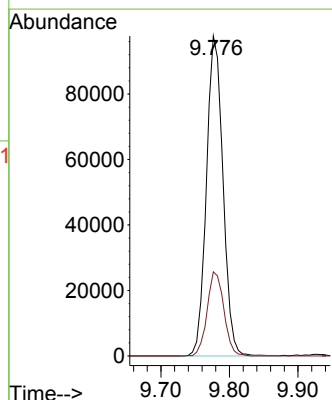
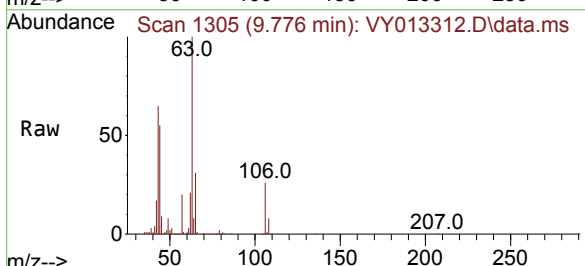
Acq: 14 Apr 2023 12:38

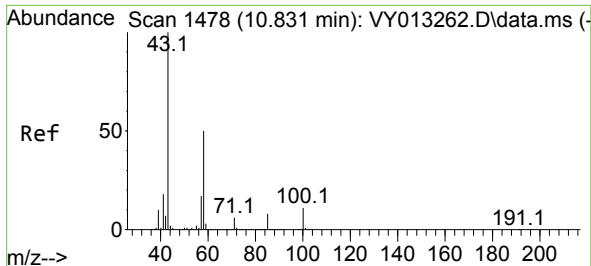
Tgt Ion: 63 Resp: 164306

Ion Ratio Lower Upper

63 100

106 26.6 22.1 33.1

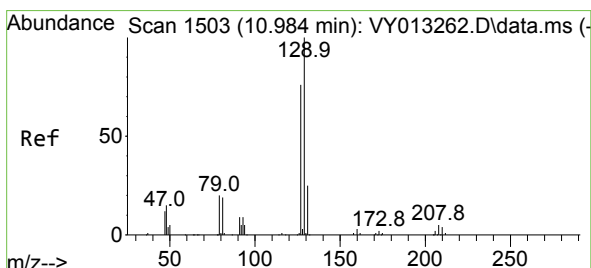
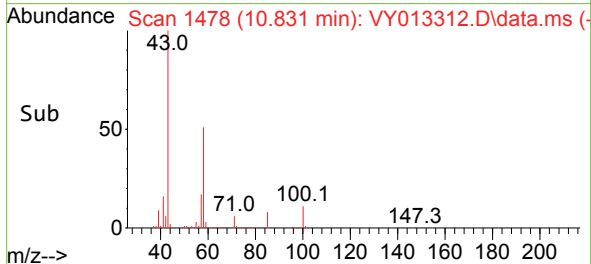
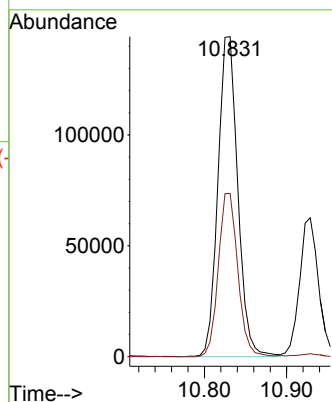
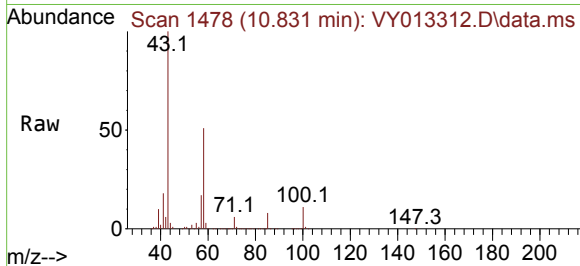




#59
2-Hexanone
Concen: 110.123 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

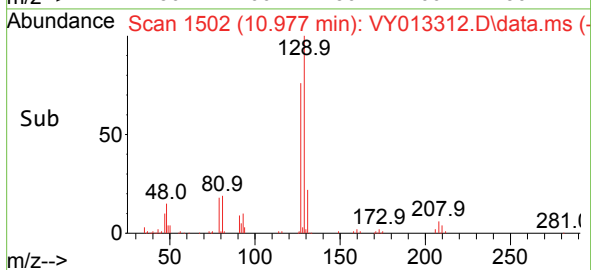
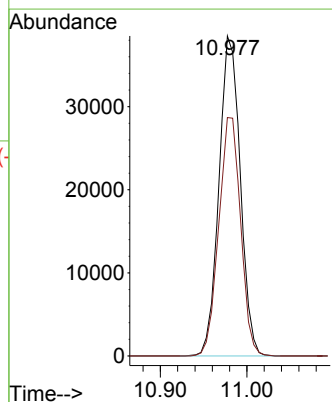
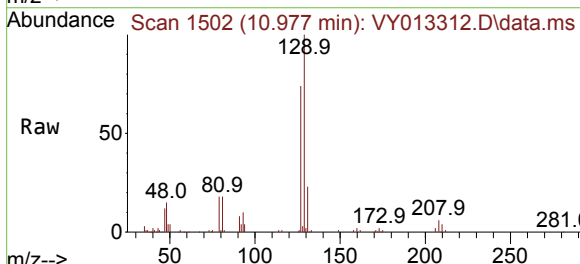
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

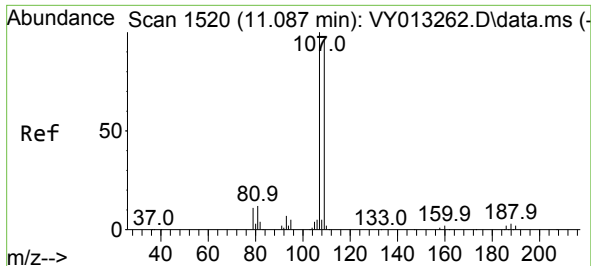
Tgt Ion: 43 Resp: 242469
Ion Ratio Lower Upper
43 100
58 50.1 25.9 77.8



#60
Dibromochloromethane
Concen: 21.141 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 129 Resp: 65671
Ion Ratio Lower Upper
129 100
127 76.4 38.7 116.1

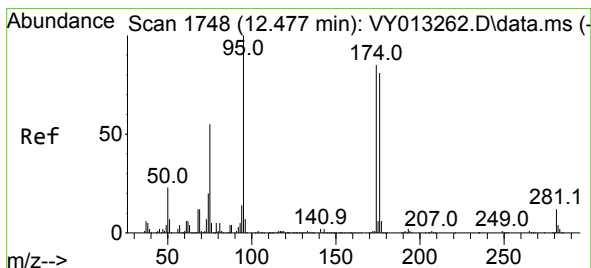
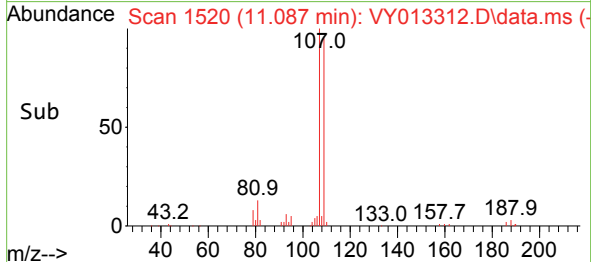
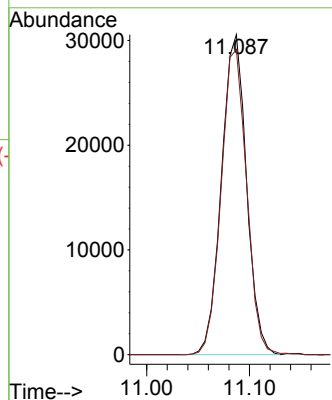
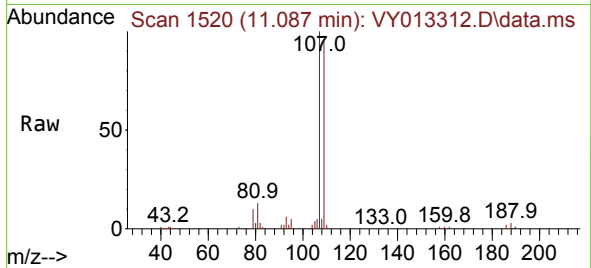




#61
1,2-Dibromoethane
Concen: 21.447 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

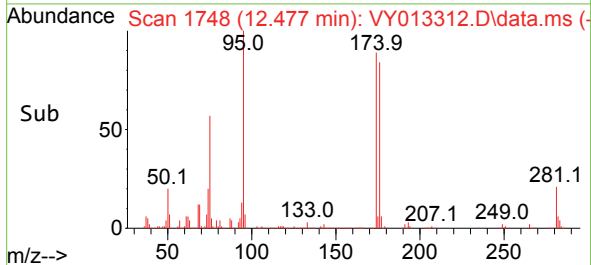
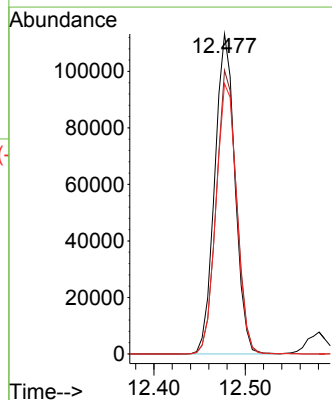
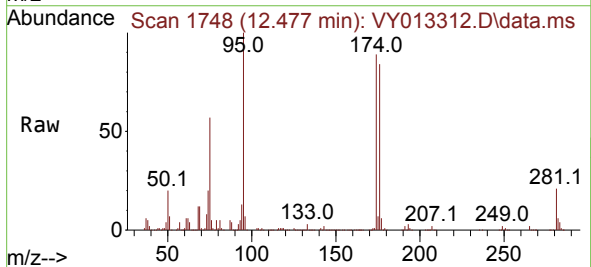
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

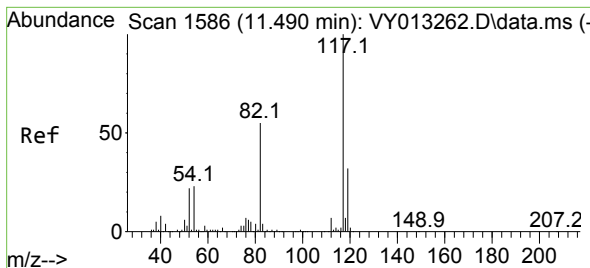
Tgt Ion:107 Resp: 51739
Ion Ratio Lower Upper
107 100
109 96.7 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 52.493 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 95 Resp: 174148
Ion Ratio Lower Upper
95 100
174 88.9 0.0 176.6
176 86.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

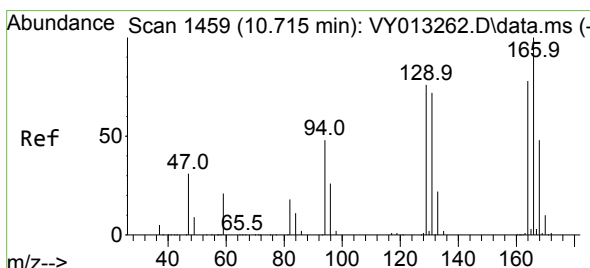
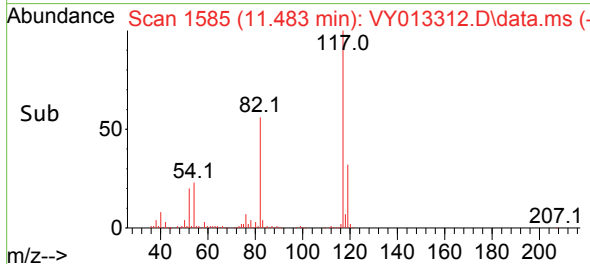
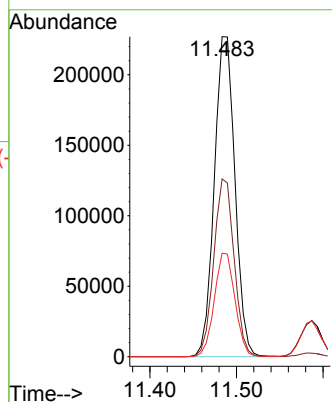
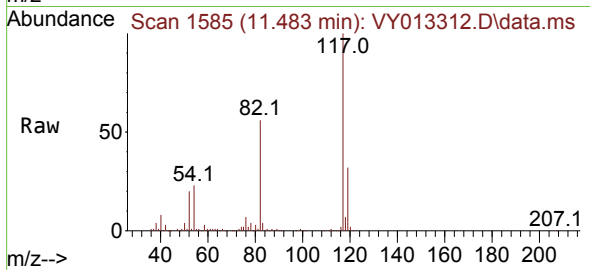
Tgt Ion:117 Resp: 376013

Ion Ratio Lower Upper

117 100

82 55.6 45.4 68.0

119 32.3 25.6 38.4



#64

Tetrachloroethene

Concen: 21.546 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Tgt Ion:164 Resp: 57157

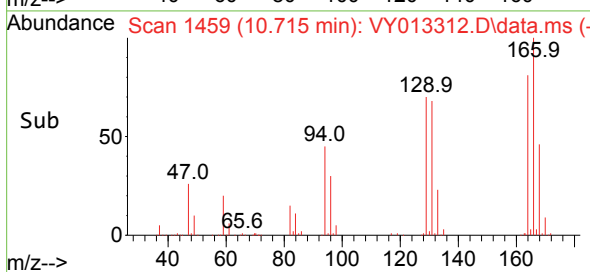
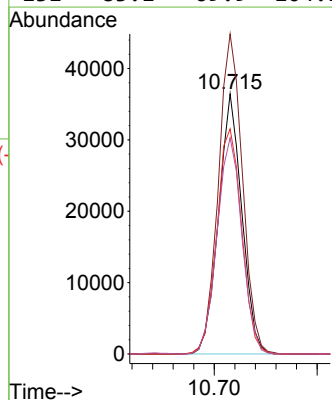
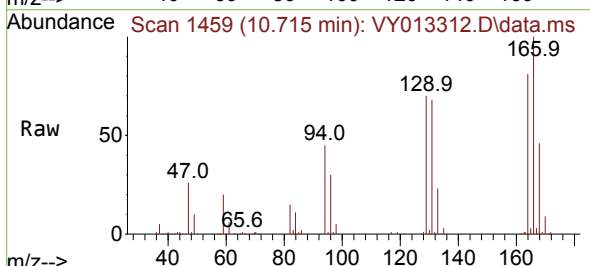
Ion Ratio Lower Upper

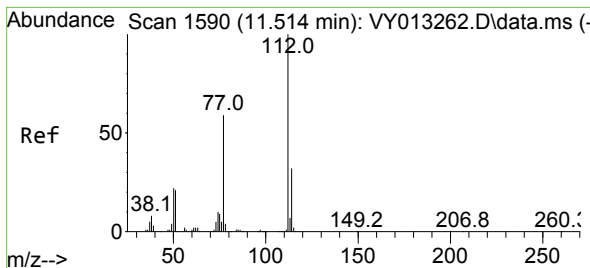
164 100

166 123.0 103.4 155.2

129 86.6 71.4 107.2

131 83.1 69.9 104.9





#65

Chlorobenzene

Concen: 20.692 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

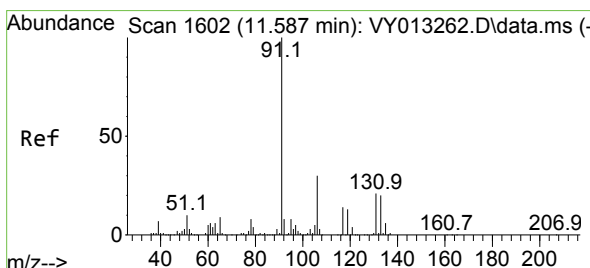
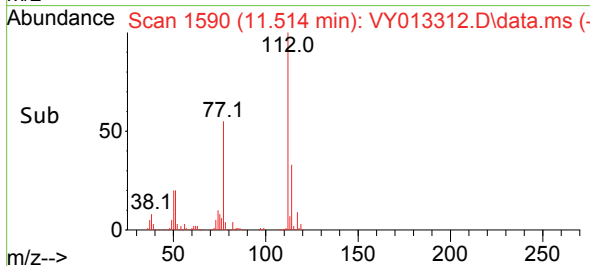
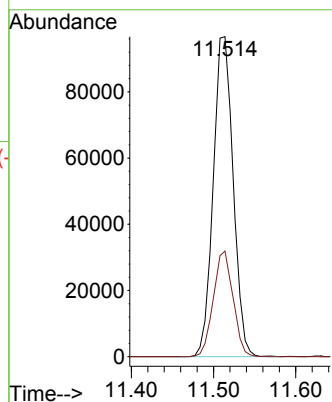
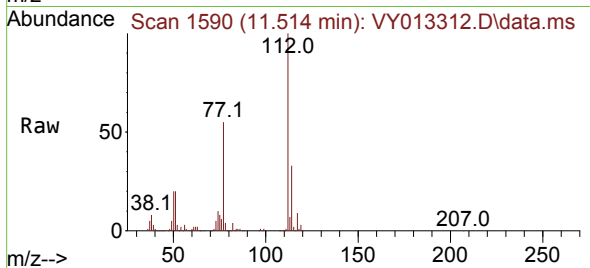
VY0414SBS01

Tgt Ion:112 Resp: 162757

Ion Ratio Lower Upper

112 100

114 33.0 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 21.274 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

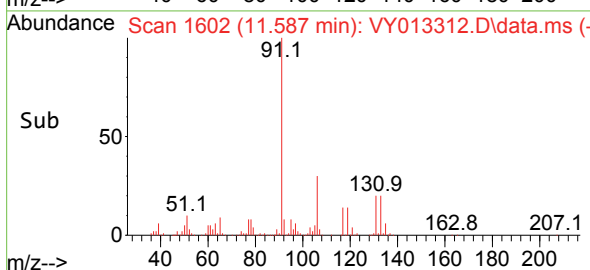
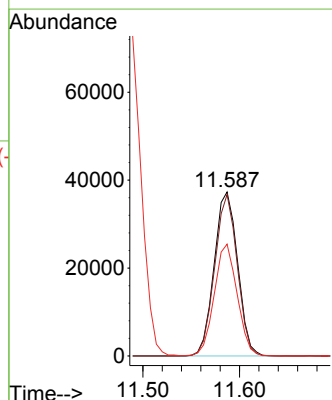
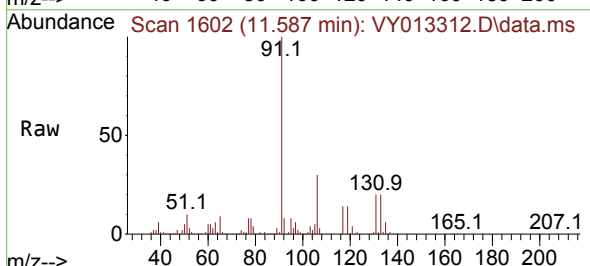
Tgt Ion:131 Resp: 62796

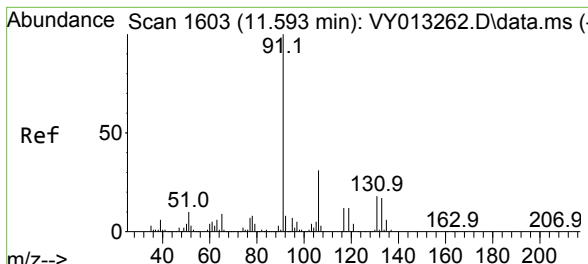
Ion Ratio Lower Upper

131 100

133 94.7 48.0 144.0

119 66.6 32.6 98.0

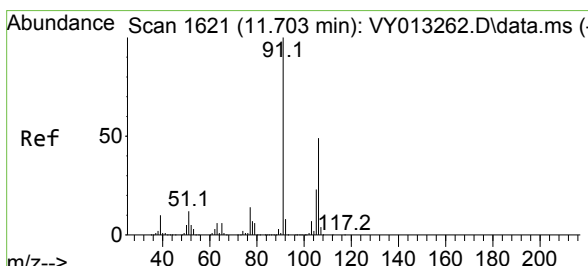
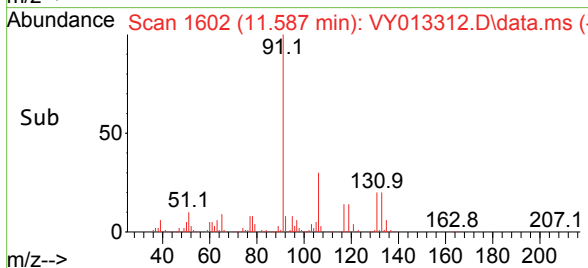
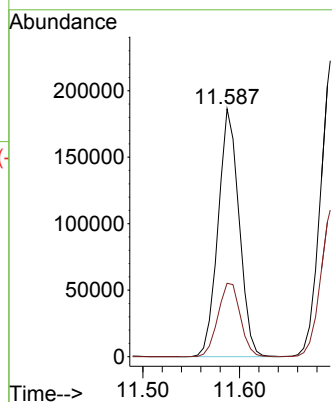
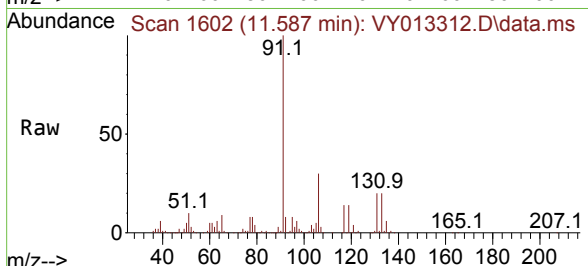




#67
Ethyl Benzene
Concen: 20.436 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

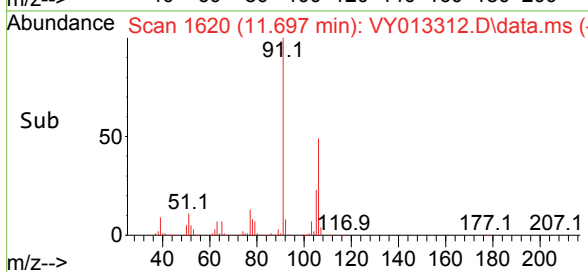
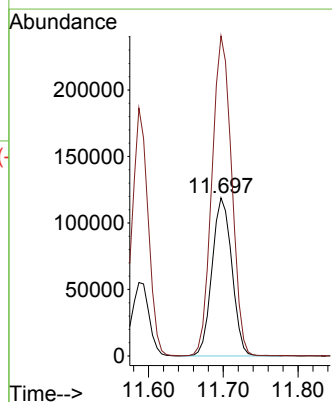
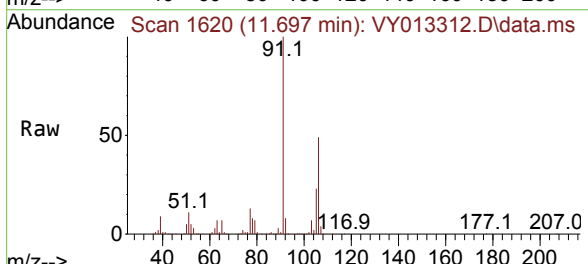
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

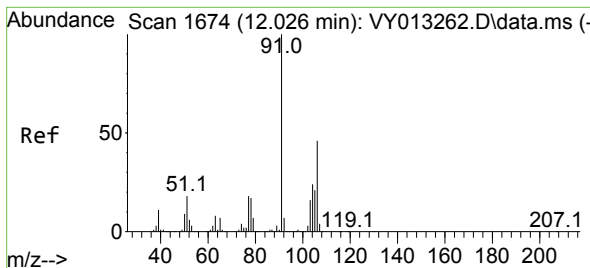
Tgt Ion: 91 Resp: 279960
Ion Ratio Lower Upper
91 100
106 29.6 25.1 37.7



#68
m/p-Xylenes
Concen: 41.785 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 106 Resp: 219023
Ion Ratio Lower Upper
106 100
91 201.7 159.8 239.8

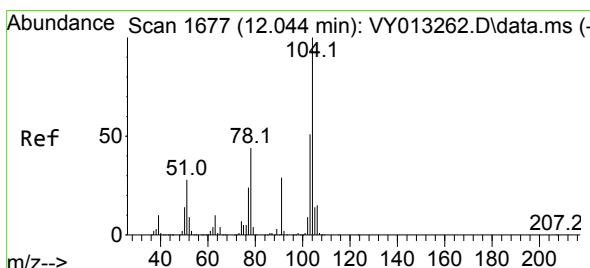
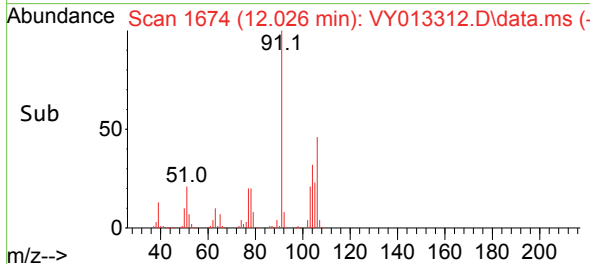
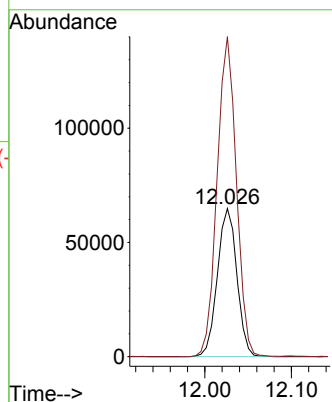
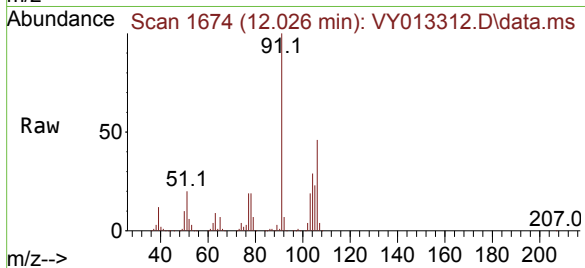




#69
o-Xylene
Concen: 20.878 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

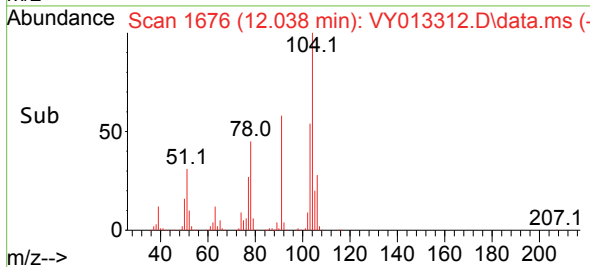
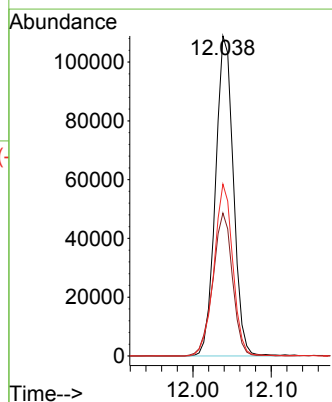
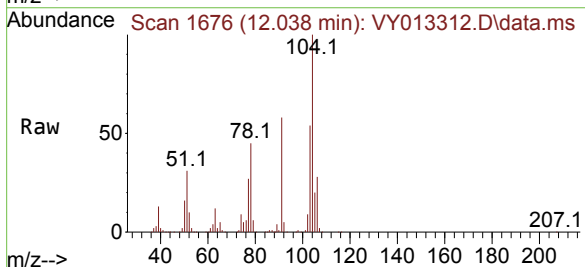
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

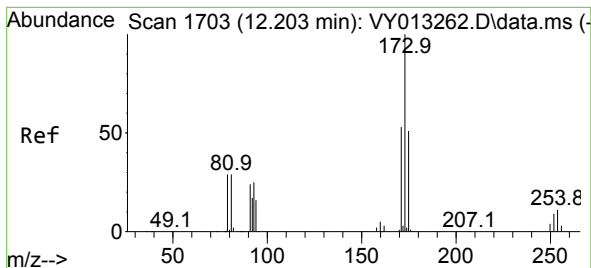
Tgt Ion:106 Resp: 101352
Ion Ratio Lower Upper
106 100
91 213.8 107.2 321.6



#70
Styrene
Concen: 21.096 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion:104 Resp: 172967
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 56.5 43.7 65.5





#71

Bromoform

Concen: 21.754 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

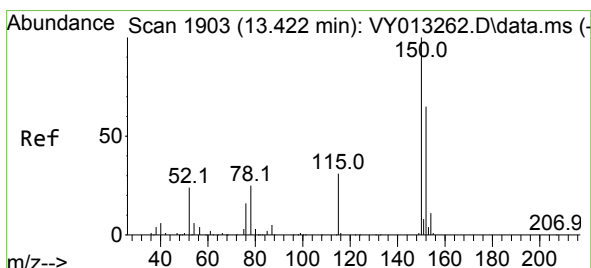
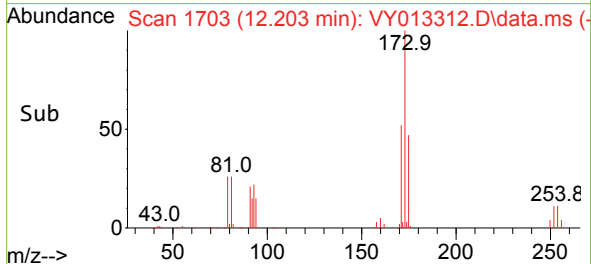
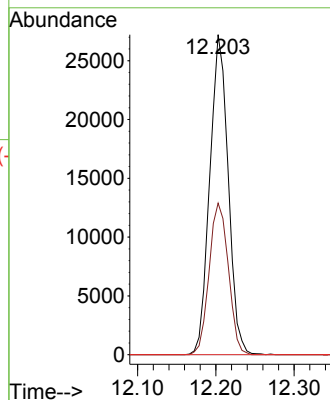
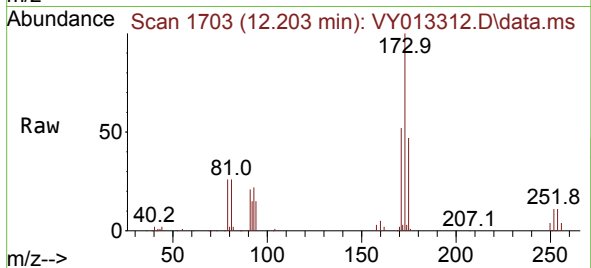
Tgt Ion:173 Resp: 44485

Ion Ratio Lower Upper

173 100

175 49.3 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

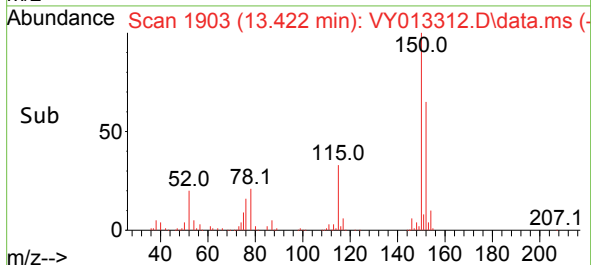
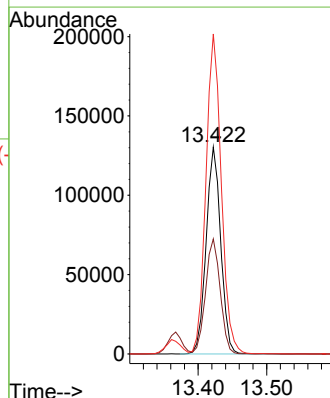
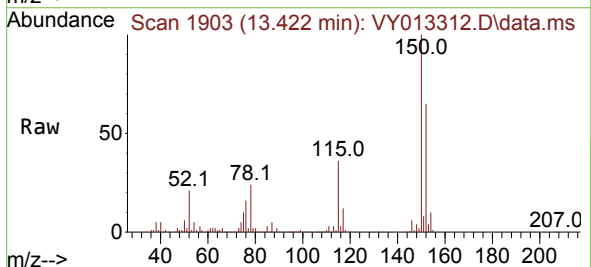
Tgt Ion:152 Resp: 193296

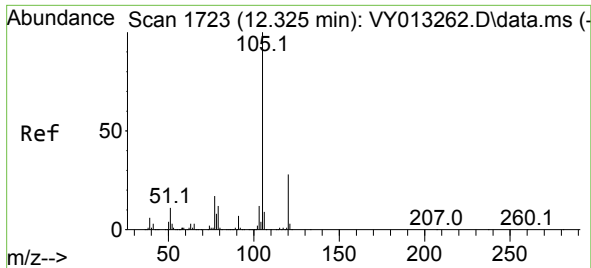
Ion Ratio Lower Upper

152 100

115 55.6 27.1 81.3

150 162.9 0.0 347.8

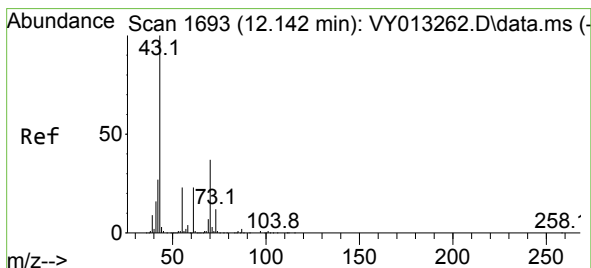
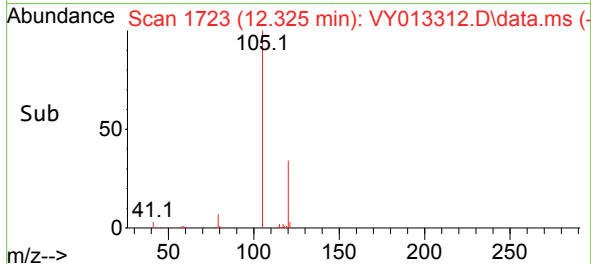
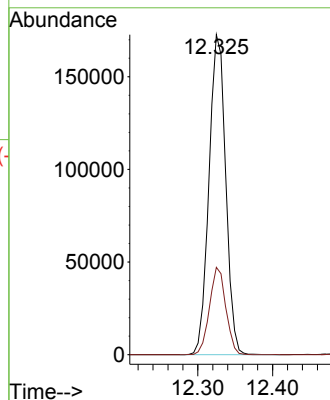
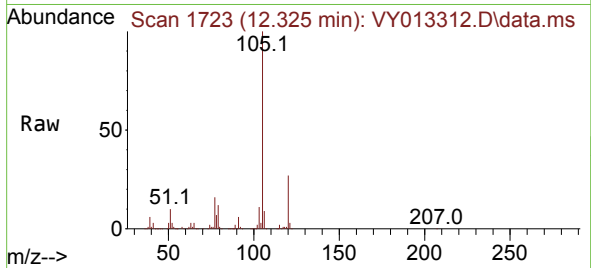




#73
Isopropylbenzene
Concen: 20.196 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

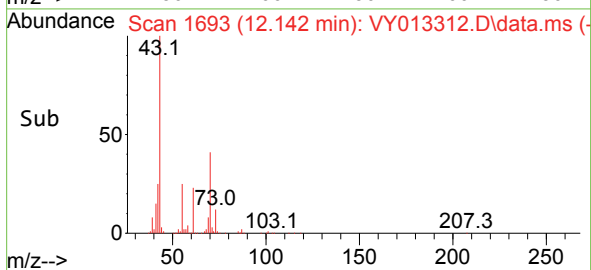
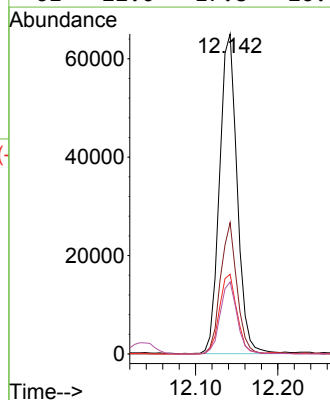
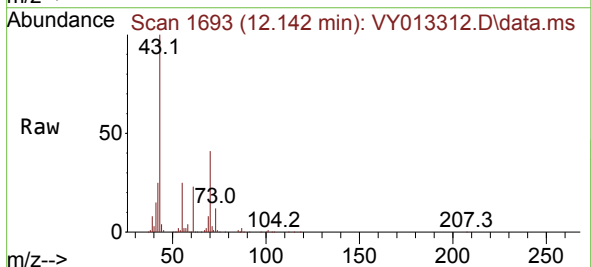
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

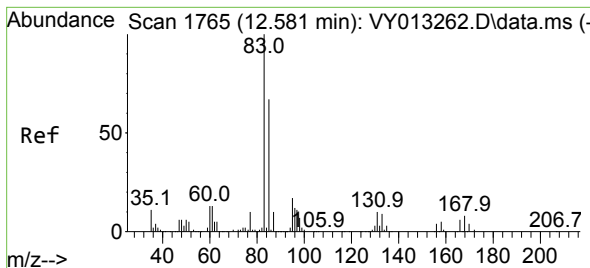
Tgt Ion:105 Resp: 267773
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2



#74
N-ethyl acetate
Concen: 20.399 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 43 Resp: 96493
Ion Ratio Lower Upper
43 100
70 38.7 31.6 47.4
55 24.9 18.8 28.2
61 22.0 17.8 26.8

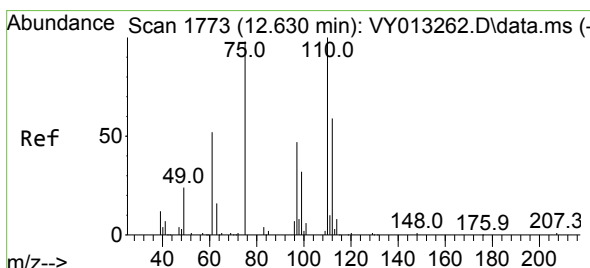
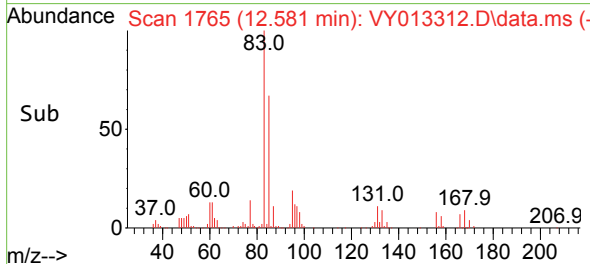
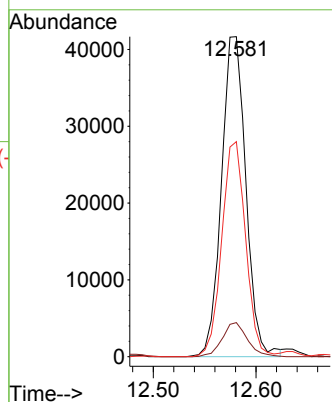
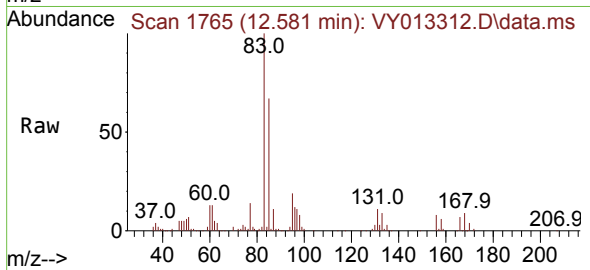




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.989 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013312.D
 Acq: 14 Apr 2023 12:38

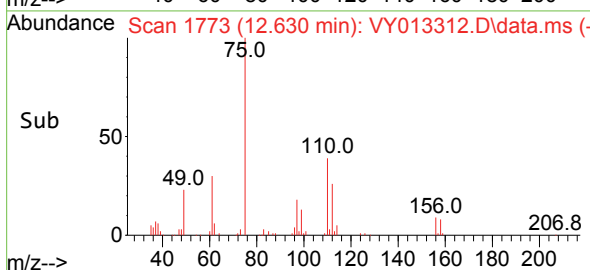
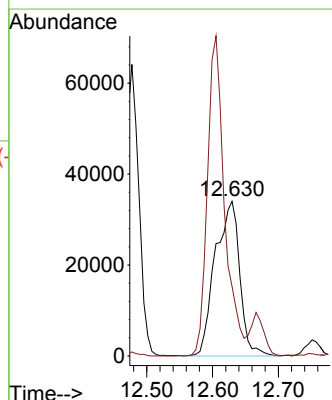
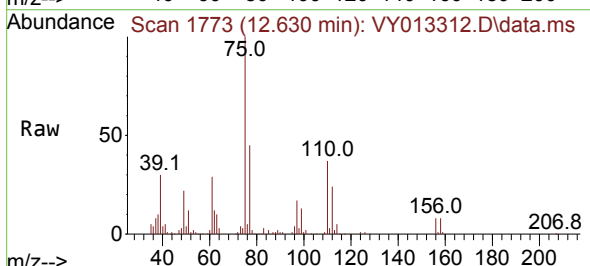
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0414SBS01

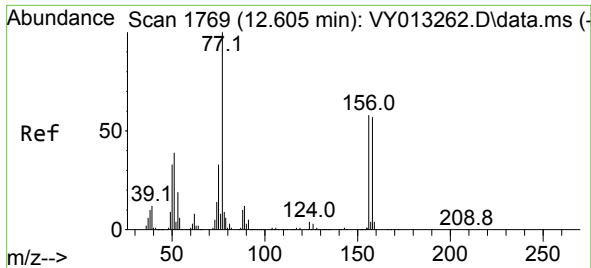
Tgt Ion: 83 Resp: 68746
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.1 15.2
 85 65.6 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 36.737 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VY013312.D
 Acq: 14 Apr 2023 12:38

Tgt Ion: 75 Resp: 88486
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

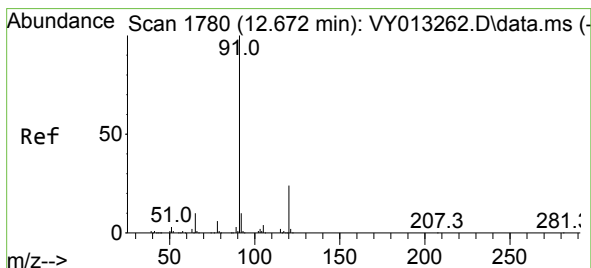
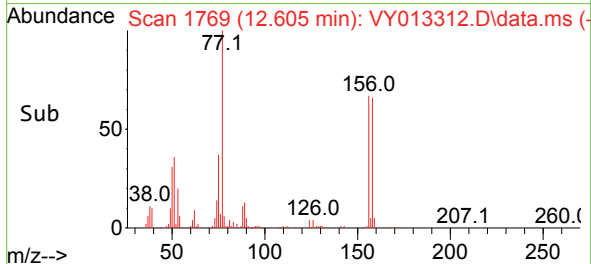
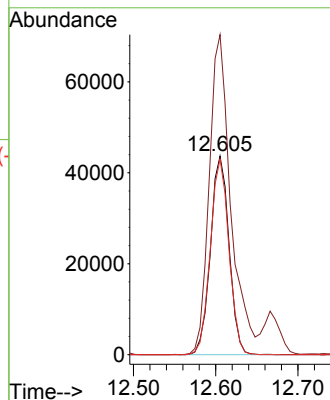
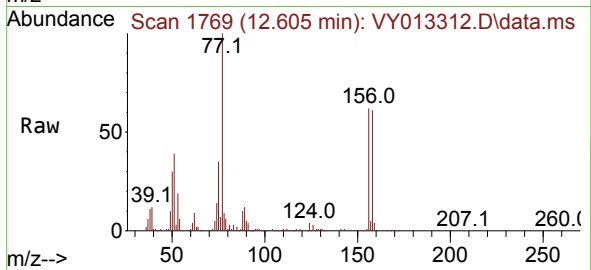




#77
Bromobenzene
Concen: 20.676 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

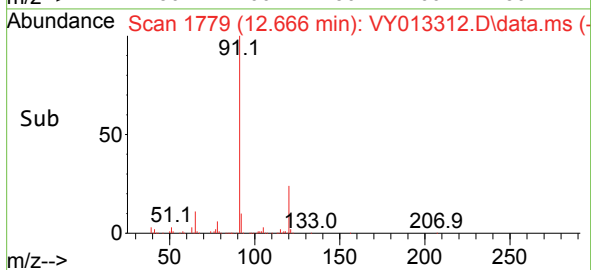
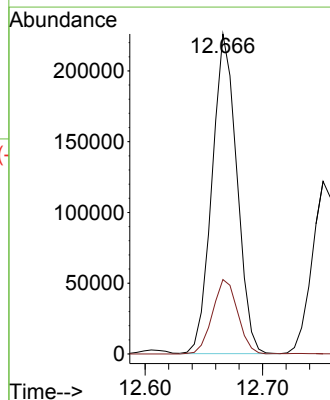
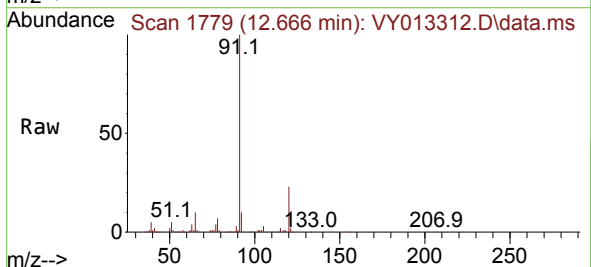
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

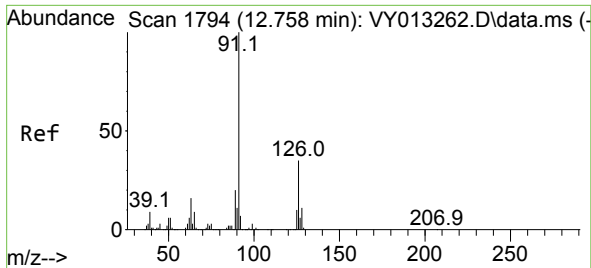
Tgt Ion:156 Resp: 68553
Ion Ratio Lower Upper
156 100
77 186.4 94.0 282.1
158 98.3 48.1 144.4



#78
n-propylbenzene
Concen: 20.259 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 91 Resp: 331741
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8

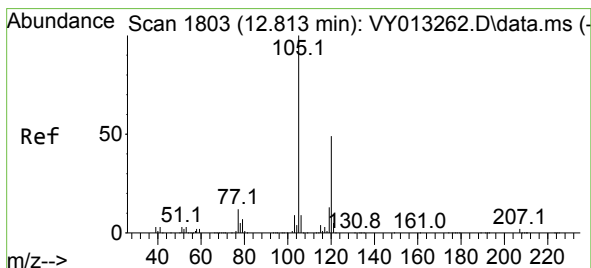
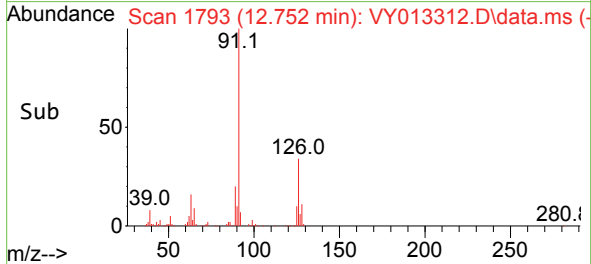
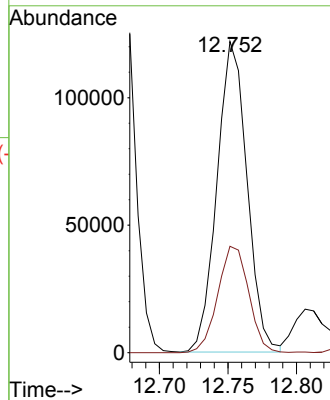
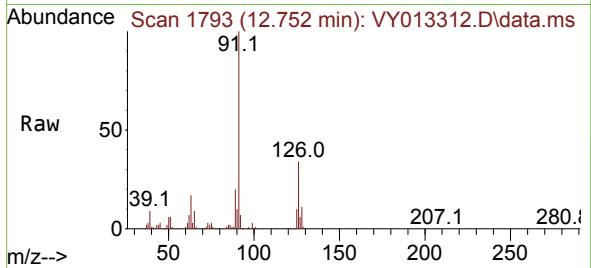




#79
2-Chlorotoluene
Concen: 20.203 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

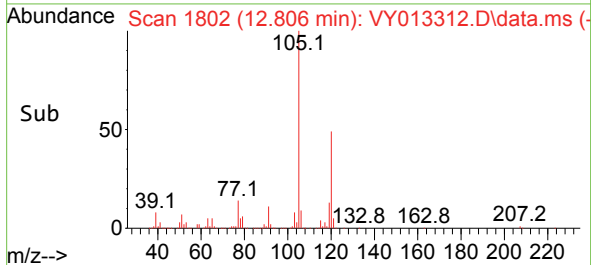
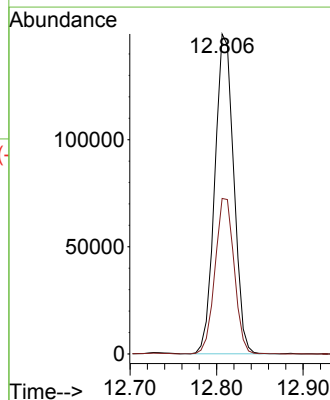
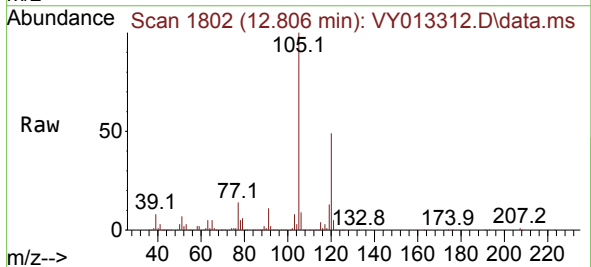
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

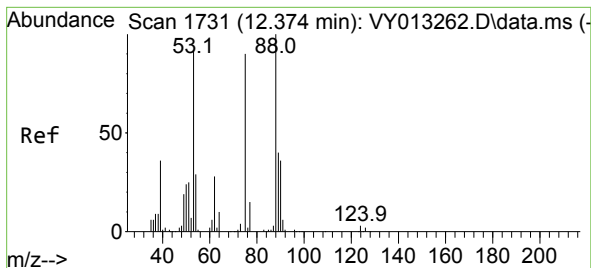
Tgt Ion: 91 Resp: 186224
Ion Ratio Lower Upper
91 100
126 35.3 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 20.392 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 105 Resp: 226466
Ion Ratio Lower Upper
105 100
120 49.4 24.8 74.4

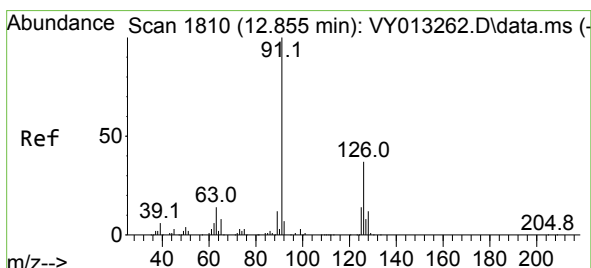
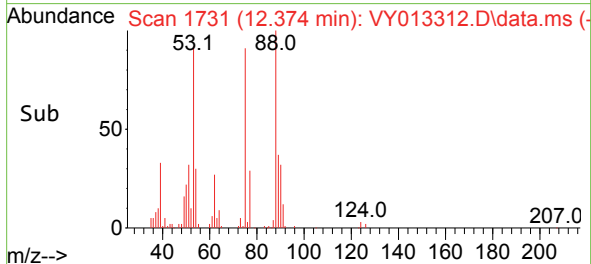
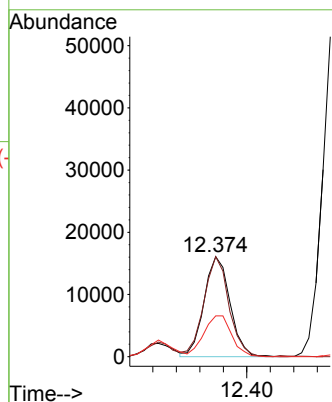
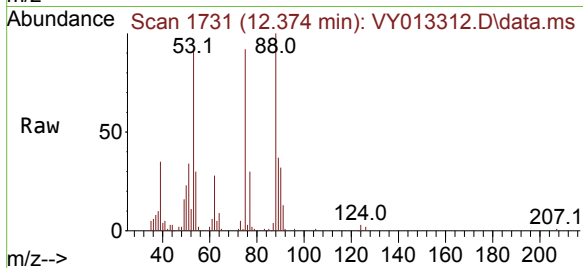




#81
trans-1,4-Dichloro-2-butene
Concen: 21.249 ug/l
RT: 12.374 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

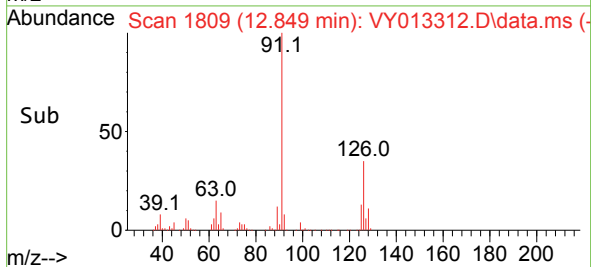
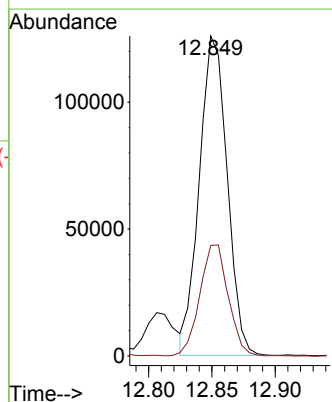
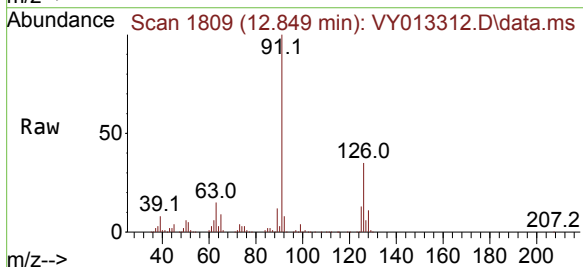
Instrument :
MSVOA_Y
ClientSampleId :
VY0414SBS01

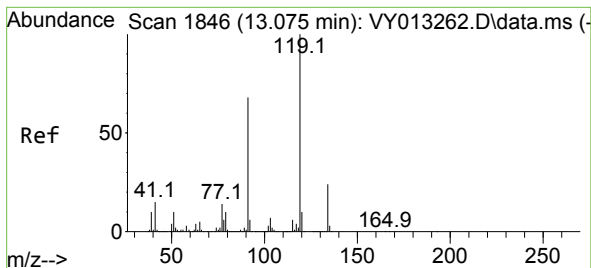
Tgt Ion: 75 Resp: 24659
Ion Ratio Lower Upper
75 100
53 97.1 73.4 110.0
89 43.8 36.6 55.0



#82
4-Chlorotoluene
Concen: 19.834 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013312.D
Acq: 14 Apr 2023 12:38

Tgt Ion: 91 Resp: 192735
Ion Ratio Lower Upper
91 100
126 35.7 17.7 53.1





#83

tert-Butylbenzene

Concen: 19.842 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

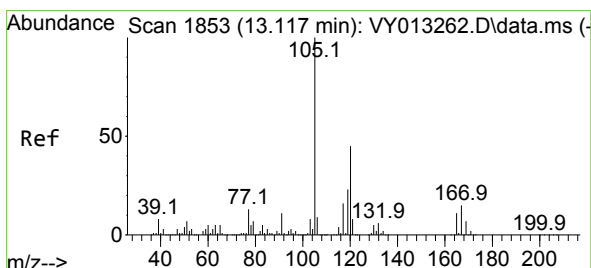
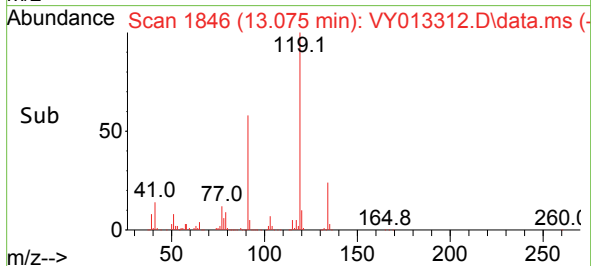
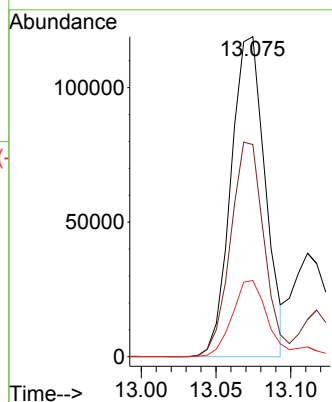
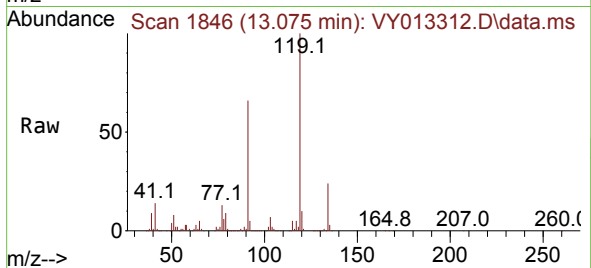
Tgt Ion:119 Resp: 189081

Ion Ratio Lower Upper

119 100

91 66.1 32.8 98.3

134 26.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.877 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY013312.D

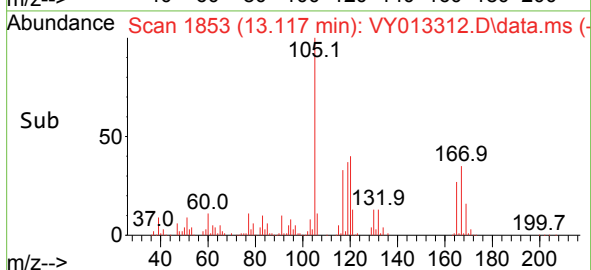
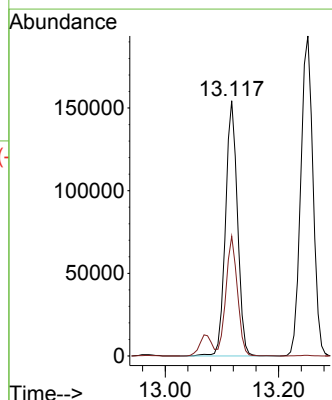
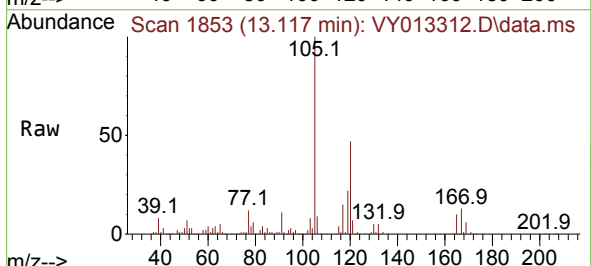
Acq: 14 Apr 2023 12:38

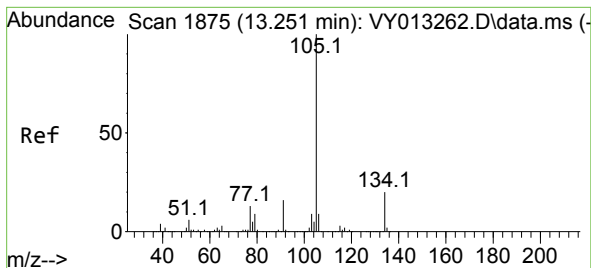
Tgt Ion:105 Resp: 225649

Ion Ratio Lower Upper

105 100

120 45.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 20.280 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

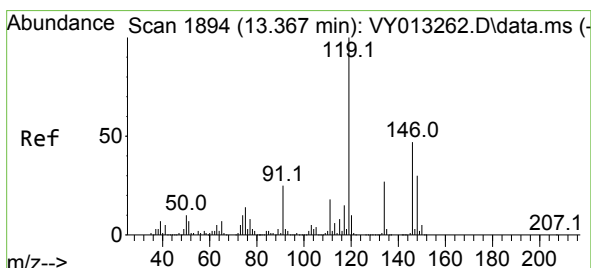
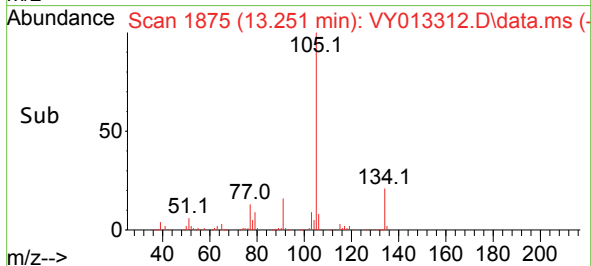
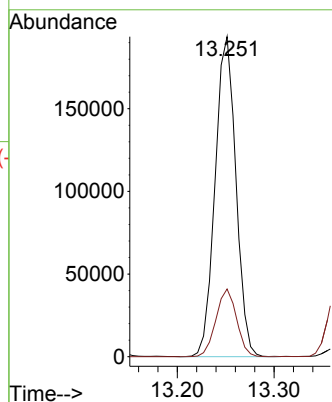
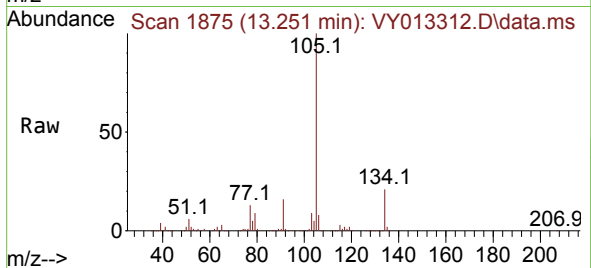
VY0414SBS01

Tgt Ion:105 Resp: 289008

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.767 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

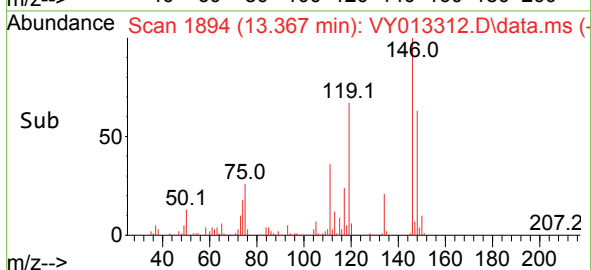
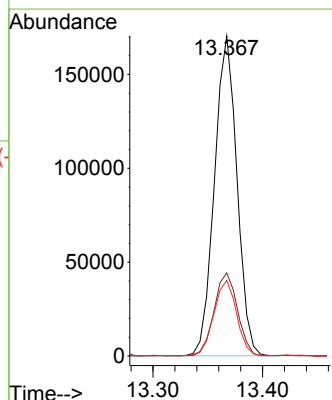
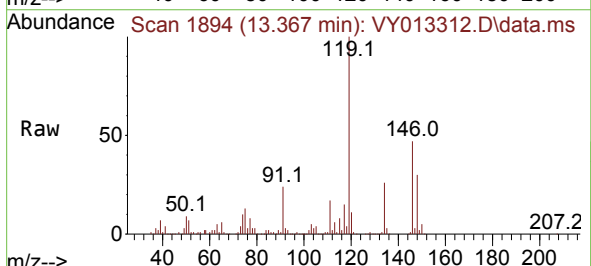
Tgt Ion:119 Resp: 242846

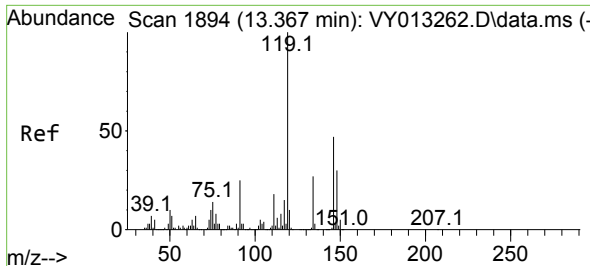
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.6

91 23.9 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 20.621 ug/l

RT: 13.361 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

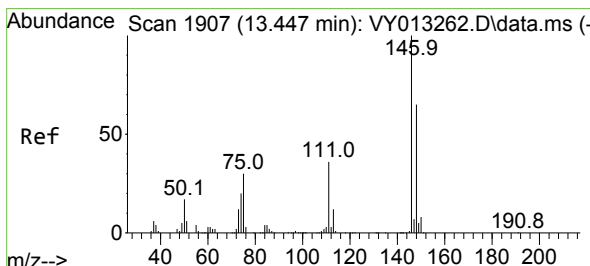
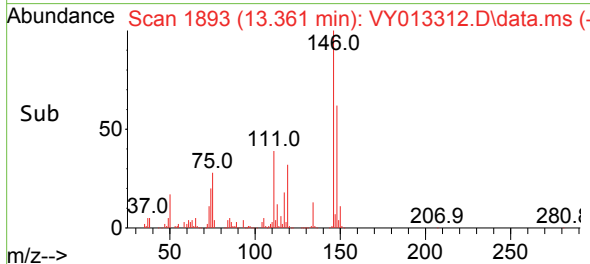
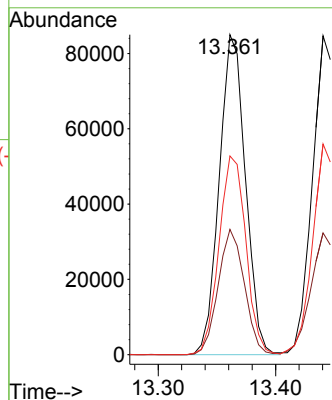
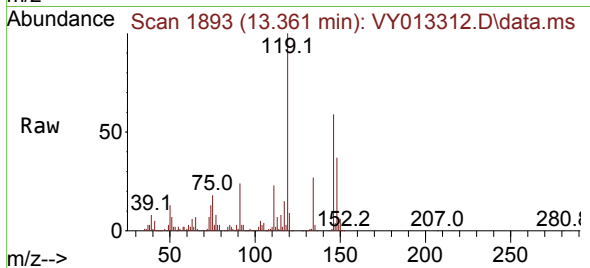
Tgt Ion:146 Resp: 131796

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.5

148 63.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 20.338 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

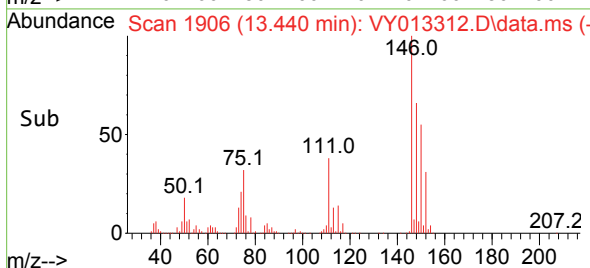
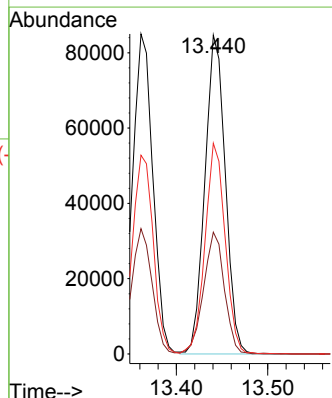
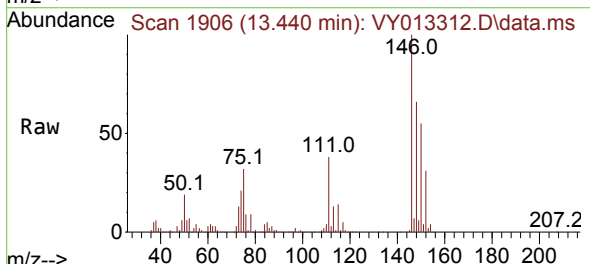
Tgt Ion:146 Resp: 131360

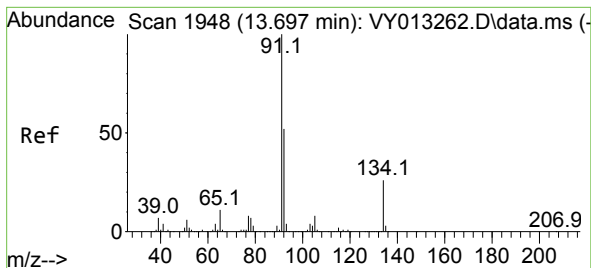
Ion Ratio Lower Upper

146 100

111 39.0 18.6 55.8

148 65.3 31.5 94.5





#89

n-Butylbenzene

Concen: 20.226 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

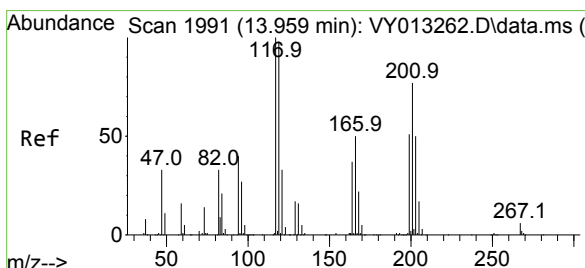
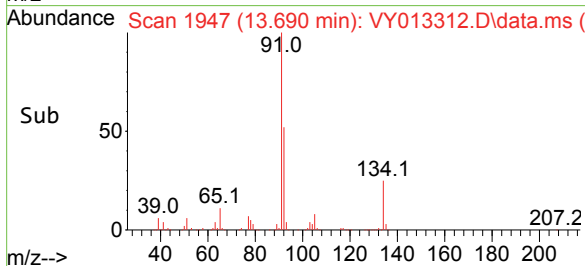
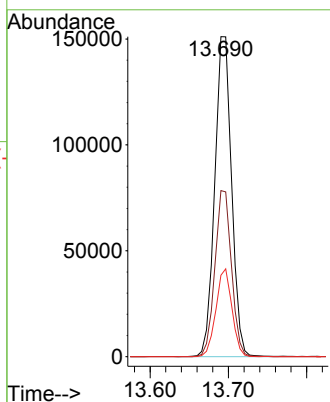
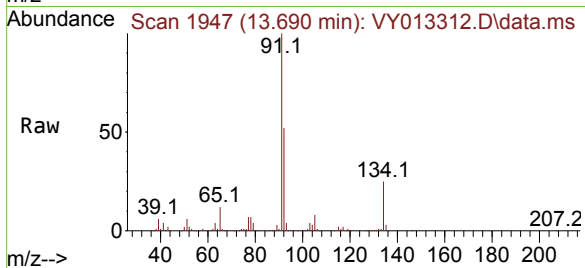
Tgt Ion: 91 Resp: 226219

Ion Ratio Lower Upper

91 100

92 51.1 26.4 79.0

134 26.1 13.0 38.9



#90

Hexachloroethane

Concen: 20.143 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013312.D

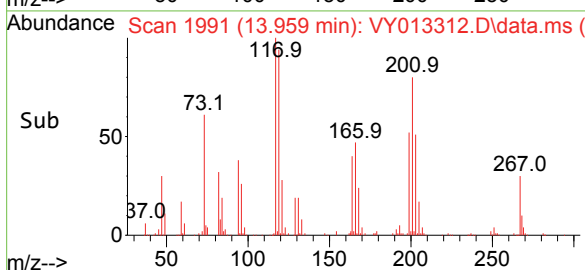
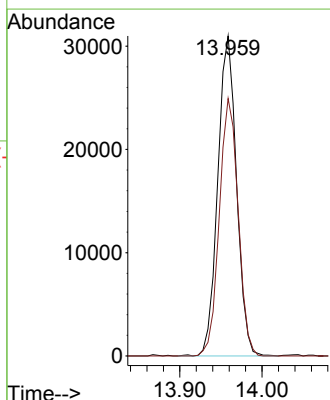
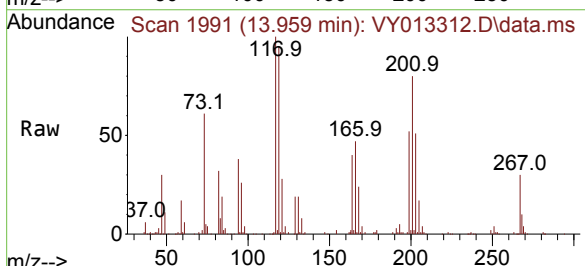
Acq: 14 Apr 2023 12:38

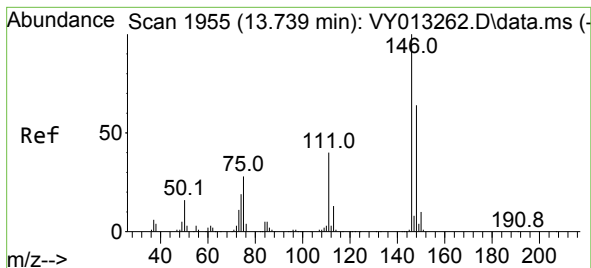
Tgt Ion: 117 Resp: 49113

Ion Ratio Lower Upper

117 100

201 80.7 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 20.703 ug/l

RT: 13.733 min Scan# 1954

Delta R.T. -0.006 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

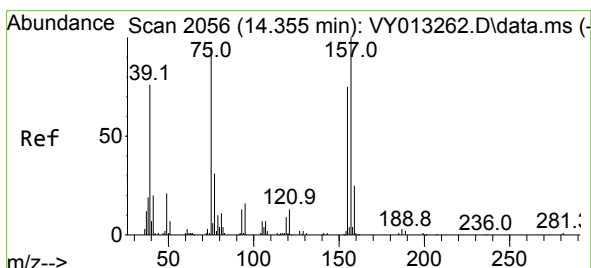
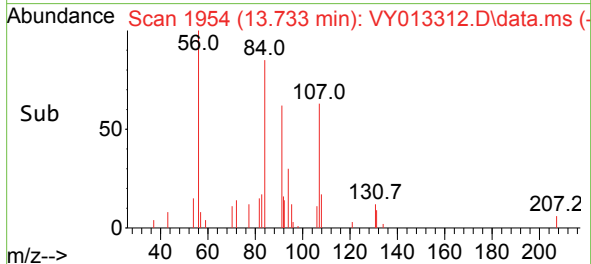
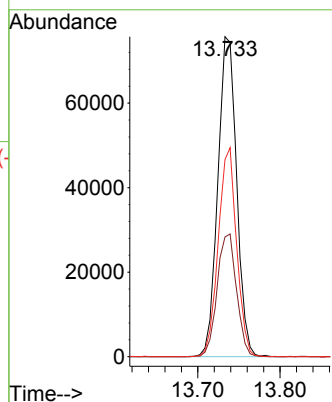
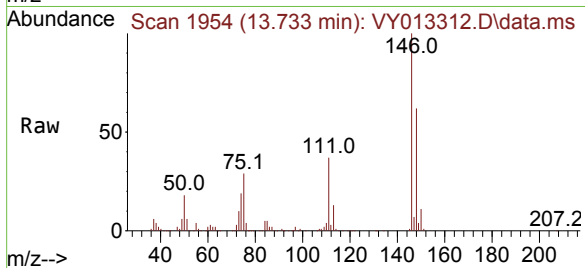
Tgt Ion:146 Resp: 120409

Ion Ratio Lower Upper

146 100

111 39.5 19.7 59.1

148 63.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.500 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

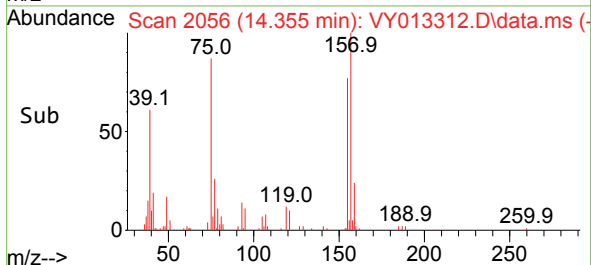
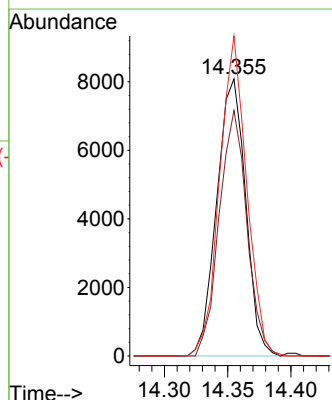
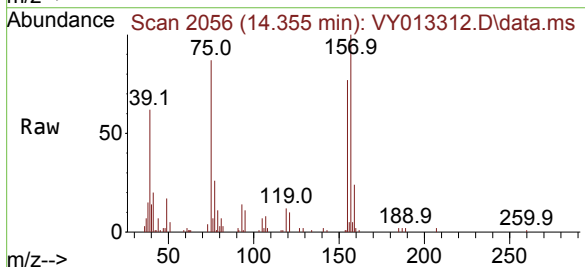
Tgt Ion: 75 Resp: 12788

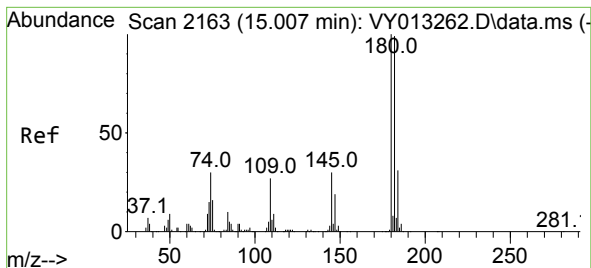
Ion Ratio Lower Upper

75 100

155 85.0 43.8 131.4

157 108.4 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 21.621 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

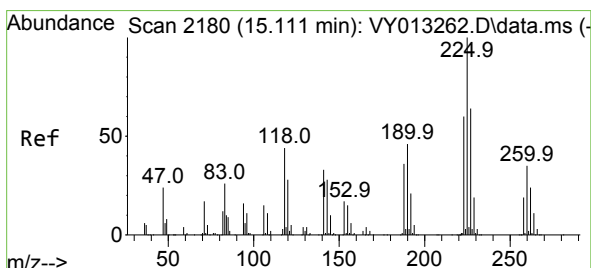
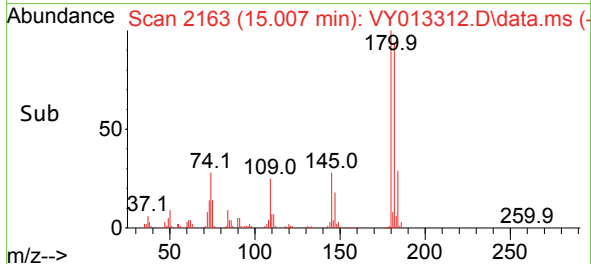
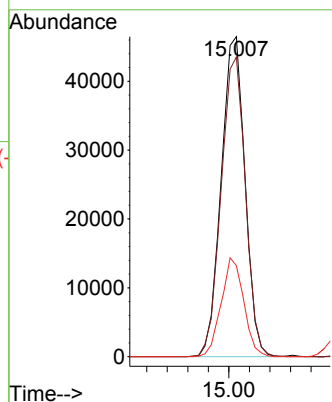
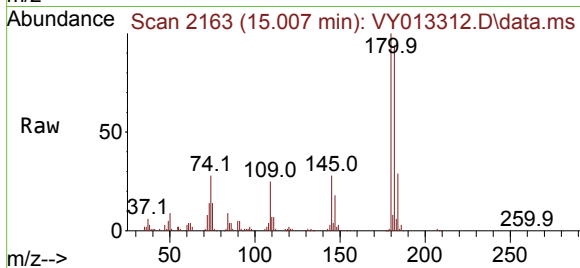
Tgt Ion:180 Resp: 74737

Ion Ratio Lower Upper

180 100

182 95.3 46.7 140.1

145 29.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 21.759 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

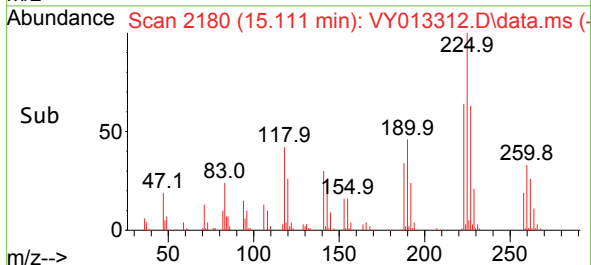
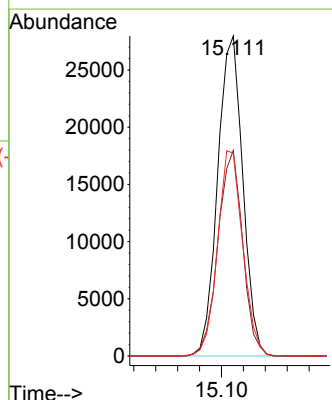
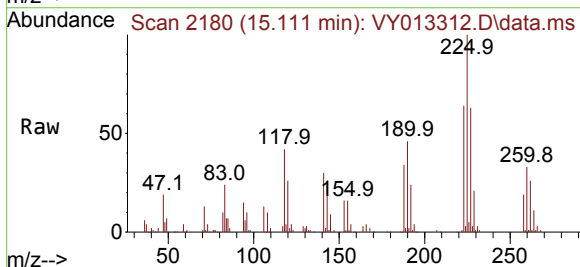
Tgt Ion:225 Resp: 44538

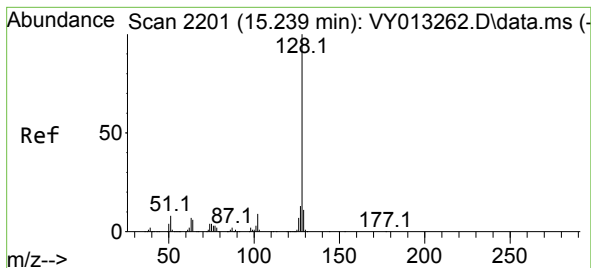
Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.3

227 64.3 32.4 97.0





#95

Naphthalene

Concen: 21.177 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0414SBS01

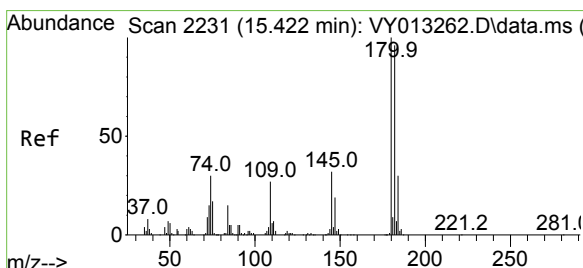
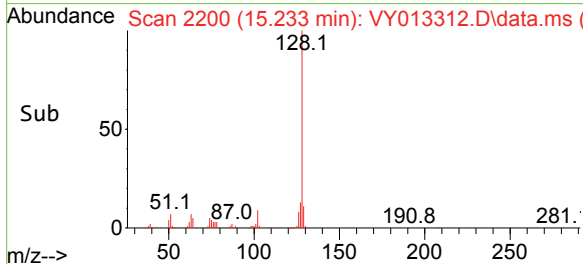
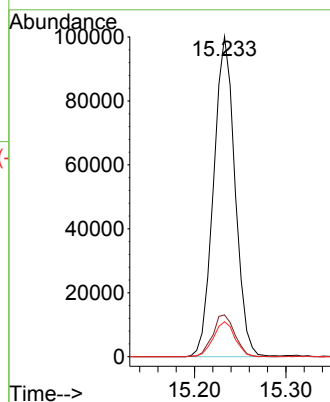
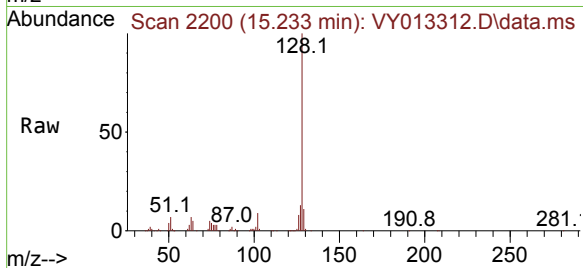
Tgt Ion:128 Resp: 162771

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.955 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013312.D

Acq: 14 Apr 2023 12:38

Tgt Ion:180 Resp: 69142

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.3

145 32.3 15.3 45.8

