

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013145.D
 Acq On : 30 Mar 2023 11:44
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 31 03:57:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 03:45:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	141291	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	211820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94299	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	143322	94.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.780%#	
35) Dibromofluoromethane	7.716	113	134807	97.422	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 194.840%#	
50) Toluene-d8	10.179	98	509066	97.450	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 194.900%#	
62) 4-Bromofluorobenzene	12.483	95	166594	97.975	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 195.940%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	130276	94.057	ug/l	97
3) Chloromethane	2.113	50	132567	91.780	ug/l	100
4) Vinyl Chloride	2.253	62	135645	93.667	ug/l	100
5) Bromomethane	2.644	94	90586	88.635	ug/l	95
6) Chloroethane	2.790	64	84691	93.360	ug/l	99
7) Trichlorofluoromethane	3.125	101	245798	95.367	ug/l	100
8) Diethyl Ether	3.528	74	79466	98.186	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	135238	95.173	ug/l	99
10) Methyl Iodide	4.095	142	196940	106.433	ug/l	100
11) Tert butyl alcohol	4.954	59	62351	455.599	ug/l	99
12) 1,1-Dichloroethene	3.869	96	133152	96.934	ug/l	99
13) Acrolein	3.729	56	94728	493.239	ug/l	99
14) Allyl chloride	4.479	41	237261	101.372	ug/l	98
15) Acrylonitrile	5.161	53	197601	491.332	ug/l	99
16) Acetone	3.942	43	242542	522.366	ug/l	99
17) Carbon Disulfide	4.198	76	436740	95.472	ug/l	100
18) Methyl Acetate	4.473	43	142465	97.378	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	359675	103.331	ug/l	97
20) Methylene Chloride	4.716	84	151048	99.561	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	151061	97.604	ug/l	98
22) Diisopropyl ether	6.119	45	450471	98.513	ug/l	97
23) Vinyl Acetate	6.058	43	1335933	513.754	ug/l	99
24) 1,1-Dichloroethane	6.015	63	259782	95.925	ug/l	100
25) 2-Butanone	6.984	43	294957	508.040	ug/l	99
26) 2,2-Dichloropropane	6.984	77	234653	96.333	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	164482	98.648	ug/l	99
28) Bromochloromethane	7.332	49	112676	96.962	ug/l	94
29) Tetrahydrofuran	7.344	42	172992	503.348	ug/l	98
30) Chloroform	7.509	83	264921	94.465	ug/l	99
31) Cyclohexane	7.789	56	236394	95.362	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	243918	98.372	ug/l	100
36) 1,1-Dichloropropene	7.917	75	207835	99.770	ug/l	99
37) Ethyl Acetate	7.076	43	117970	99.691	ug/l	99
38) Carbon Tetrachloride	7.899	117	226819	98.682	ug/l	99
39) Methylcyclohexane	9.185	83	255595	104.585	ug/l	97
40) Benzene	8.161	78	592876	98.538	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	161835	281.529	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	177770	96.437	ug/l	100
43) Isopropyl Acetate	8.271	43	217422	102.645	ug/l	98
44) Trichloroethene	8.941	130	162835	98.312	ug/l	98
45) 1,2-Dichloropropane	9.216	63	145812	96.780	ug/l	97
46) Dibromomethane	9.307	93	83946	96.992	ug/l	96
47) Bromodichloromethane	9.496	83	204292	97.825	ug/l	99
48) Methyl methacrylate	9.295	41	100971	102.353	ug/l	95
49) 1,4-Dioxane	9.295	88	21628	2100.544	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	581005	508.243	ug/l	100
52) Toluene	10.246	92	373906	100.184	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	216376	101.367	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	244336	100.226	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	115606	96.631	ug/l	97
56) Ethyl methacrylate	10.508	69	160577	106.753	ug/l	99
57) 1,3-Dichloropropane	10.788	76	198117	98.094	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	361127	513.449	ug/l	98
59) 2-Hexanone	10.831	43	436450	527.902	ug/l	99
60) Dibromochloromethane	10.984	129	147569	98.208	ug/l	99
61) 1,2-Dibromoethane	11.087	107	113009	97.491	ug/l	100
64) Tetrachloroethene	10.721	164	142532	98.436	ug/l	100
65) Chlorobenzene	11.514	112	394754	98.728	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	148321	98.946	ug/l	99
67) Ethyl Benzene	11.593	91	716395	103.739	ug/l	100
68) m/p-Xylenes	11.703	106	554517	207.575	ug/l	100
69) o-Xylene	12.032	106	261753	105.637	ug/l	97
70) Styrene	12.044	104	435301	105.018	ug/l	99
71) Bromoform	12.209	173	93929	101.051	ug/l	98
73) Isopropylbenzene	12.331	105	686239	105.425	ug/l	99
74) N-amyl acetate	12.142	43	193244	108.126	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	131532	96.468	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	177885	167.964	ug/l #	100
77) Bromobenzene	12.611	156	164308	101.529	ug/l	95
78) n-propylbenzene	12.672	91	837296	104.617	ug/l	99
79) 2-Chlorotoluene	12.758	91	462650	101.871	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	568273	104.422	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	49558	104.329	ug/l	100
82) 4-Chlorotoluene	12.855	91	483298	102.253	ug/l	99
83) tert-Butylbenzene	13.075	119	494689	105.832	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	556853	104.485	ug/l	100
85) sec-Butylbenzene	13.251	105	736485	104.350	ug/l	100
86) p-Isopropyltoluene	13.367	119	611577	105.258	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	316459	98.645	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	316856	98.565	ug/l	99
89) n-Butylbenzene	13.696	91	572327	105.369	ug/l	99
90) Hexachloroethane	13.959	117	120268	99.363	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	281334	98.196	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21947	96.732	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	178204	106.660	ug/l	98
94) Hexachlorobutadiene	15.111	225	103636	100.858	ug/l	100
95) Naphthalene	15.239	128	360250	98.448	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	156493	106.312	ug/l	99

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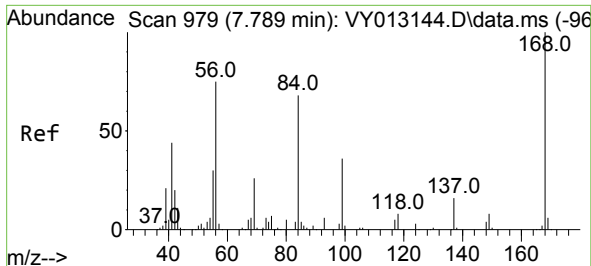
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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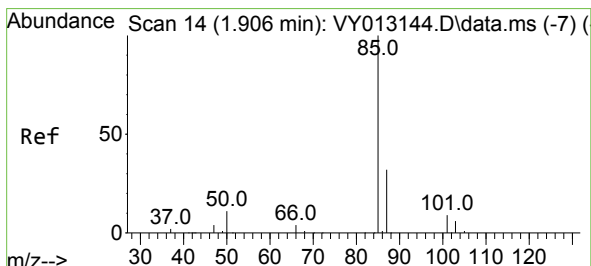
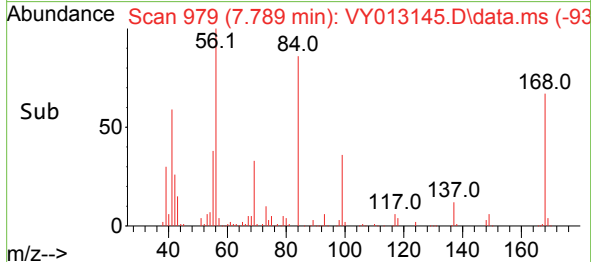
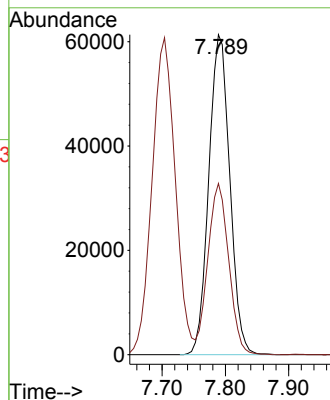
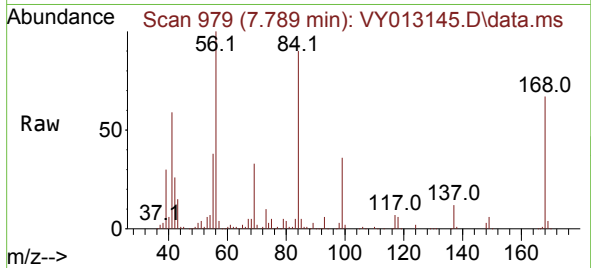




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013145.D
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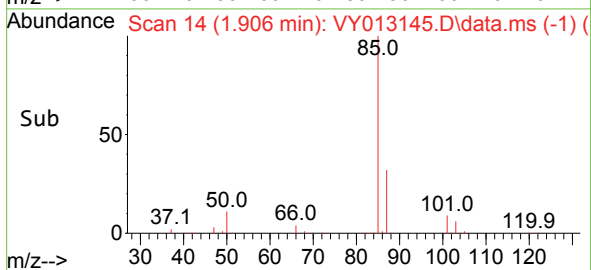
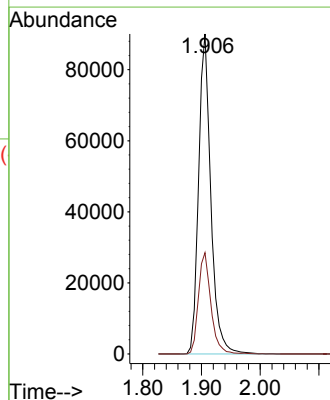
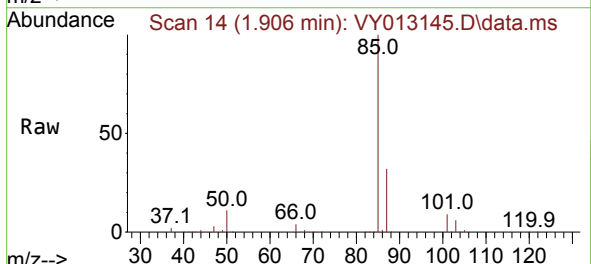
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

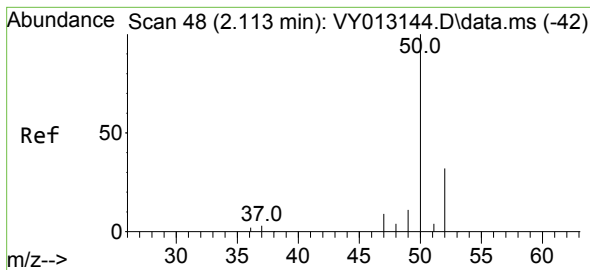
Tgt Ion:168 Resp: 141291
Ion Ratio Lower Upper
168 100
99 53.5 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 94.057 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 85 Resp: 130276
Ion Ratio Lower Upper
85 100
87 31.7 16.7 50.0





#3

Chloromethane

Concen: 91.780 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

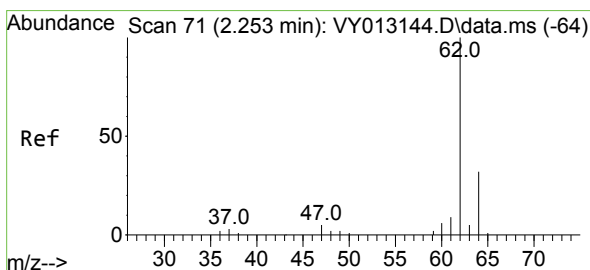
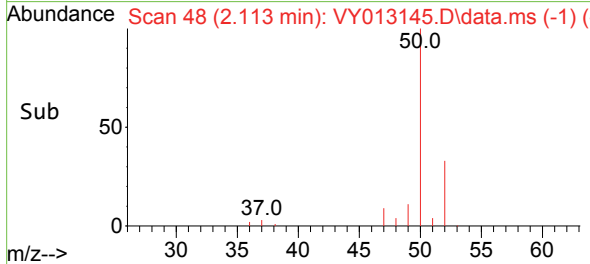
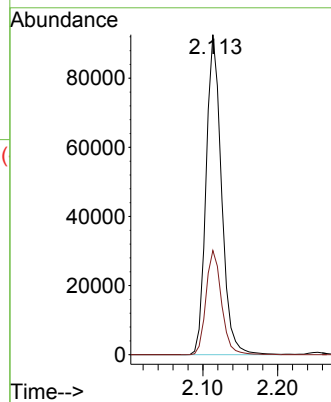
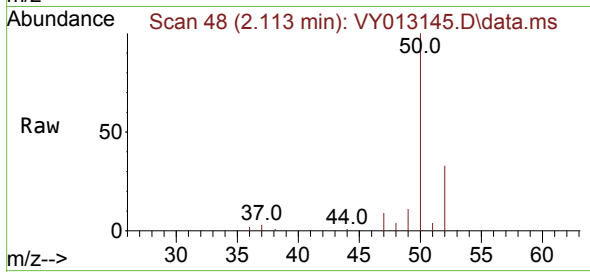
VSTDICC100

Tgt Ion: 50 Resp: 132567

Ion Ratio Lower Upper

50 100

52 32.6 26.0 39.0



#4

Vinyl Chloride

Concen: 93.667 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY013145.D

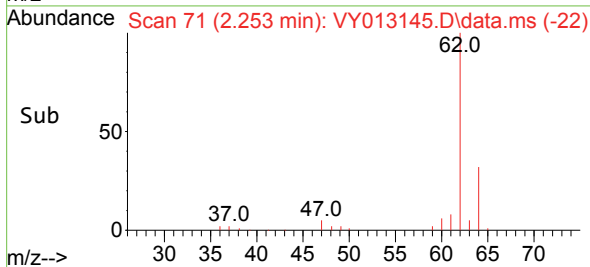
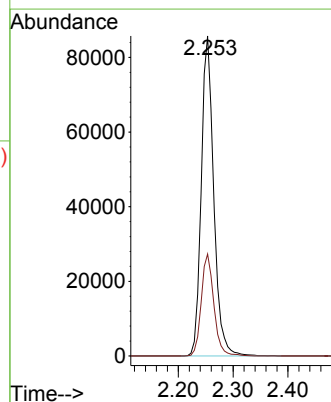
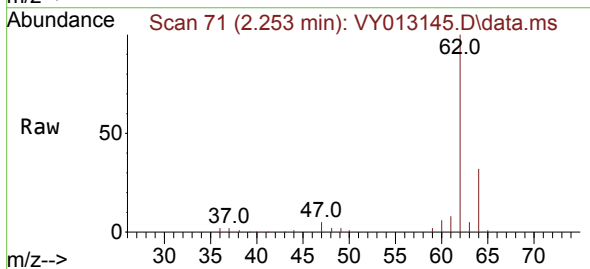
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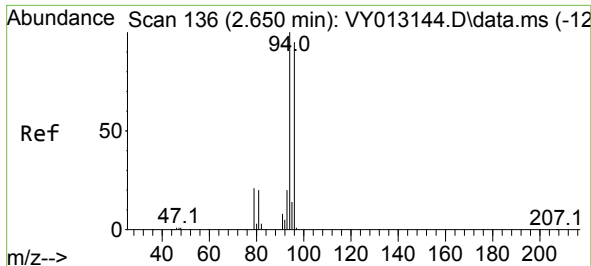
Tgt Ion: 62 Resp: 135645

Ion Ratio Lower Upper

62 100

64 31.9 25.6 38.4

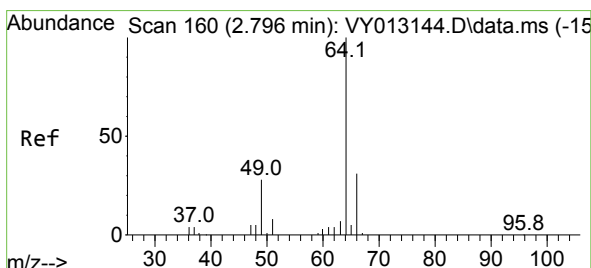
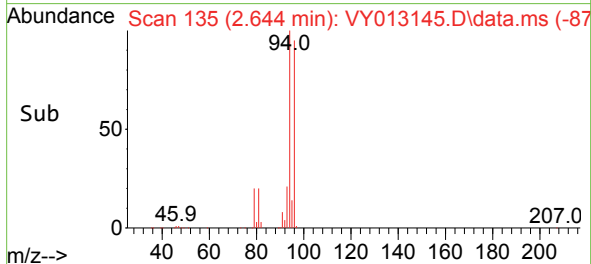
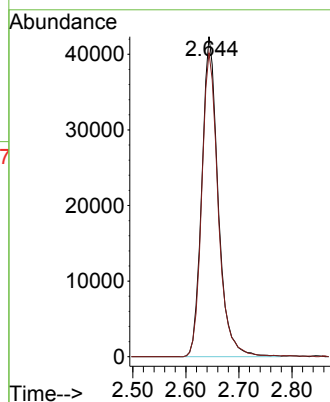
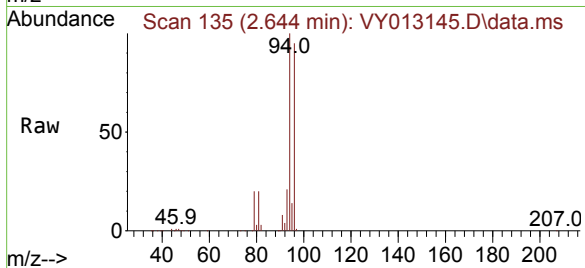




#5
Bromomethane
Concen: 88.635 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013145.D
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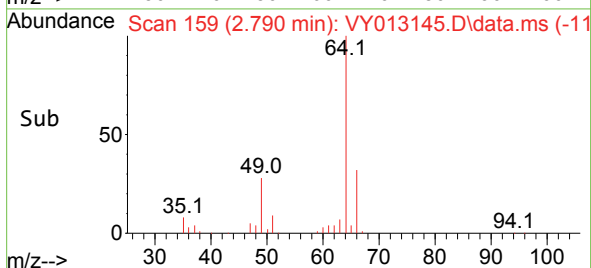
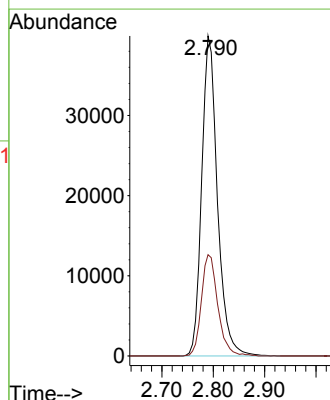
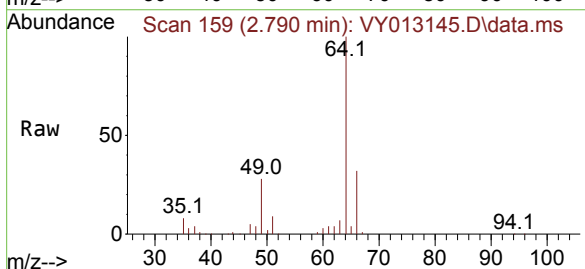
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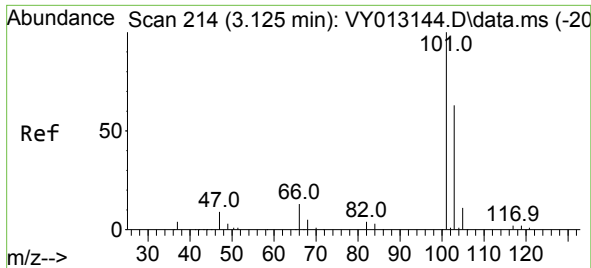
Tgt Ion: 94 Resp: 90586
Ion Ratio Lower Upper
94 100
96 95.0 80.3 120.5



#6
Chloroethane
Concen: 93.360 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 64 Resp: 84691
Ion Ratio Lower Upper
64 100
66 31.6 25.7 38.5

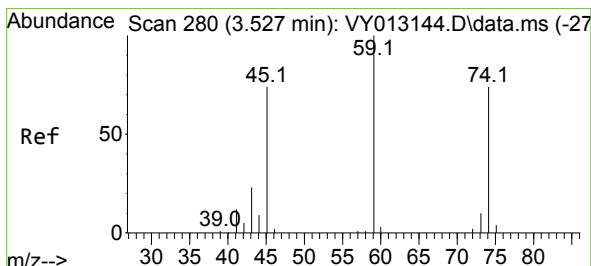
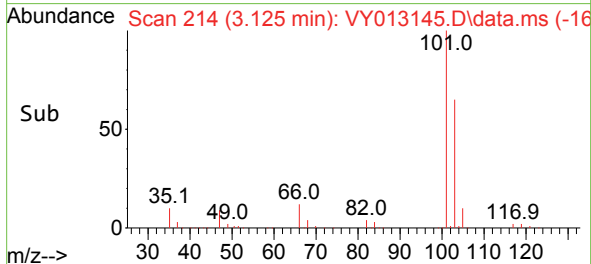
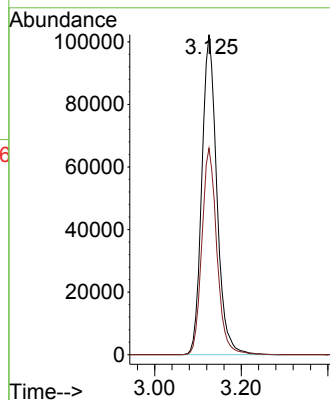
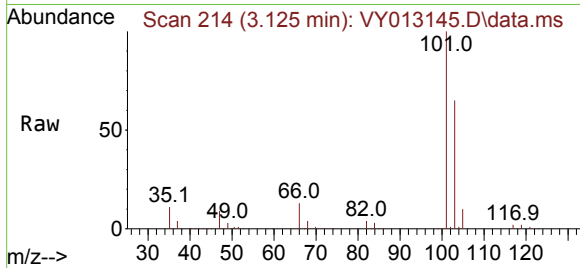




#7
 Trichlorofluoromethane
 Concen: 95.367 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013145.D
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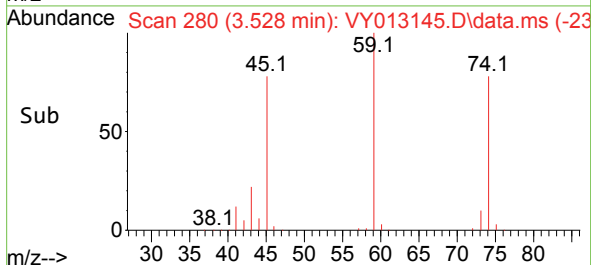
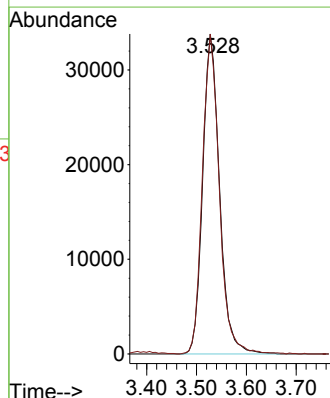
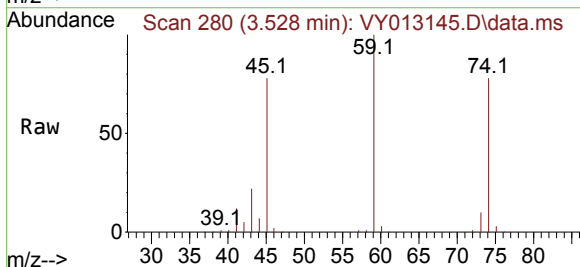
Instrument :
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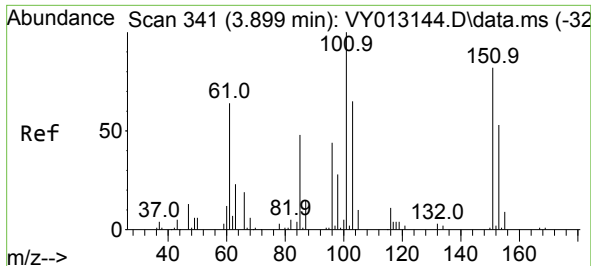
Tgt Ion:101 Resp: 245798
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.5 77.3



#8
 Diethyl Ether
 Concen: 98.186 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 79466
 Ion Ratio Lower Upper
 74 100
 45 100.4 52.1 156.4

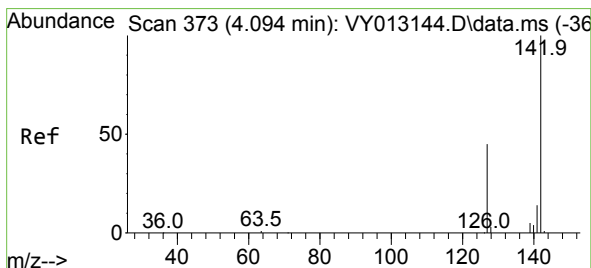
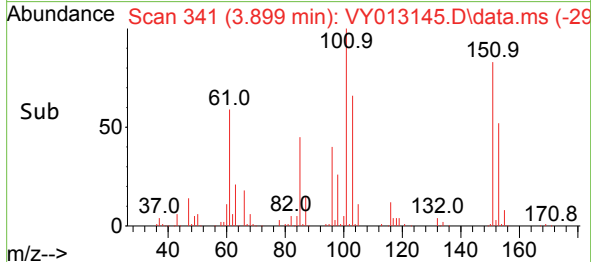
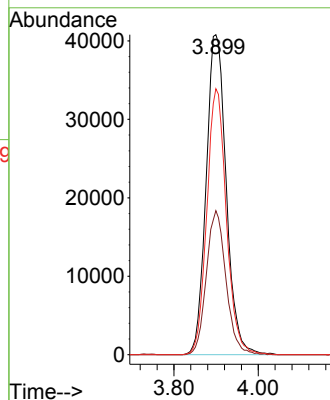
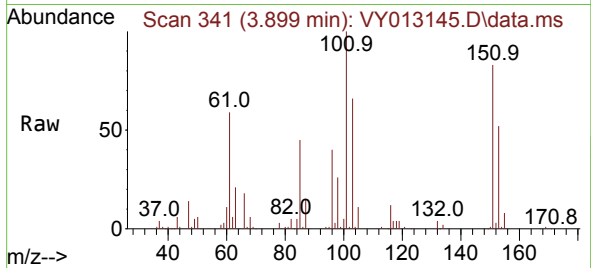




#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.173 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

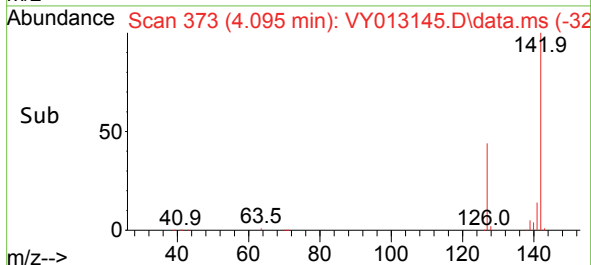
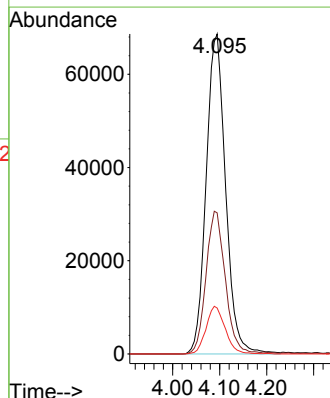
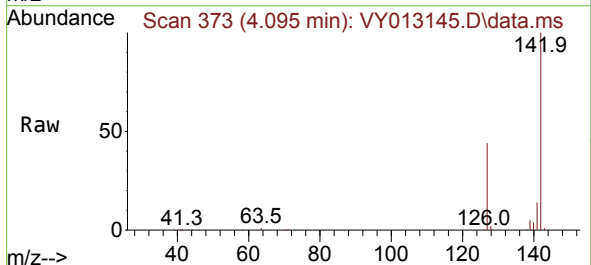
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

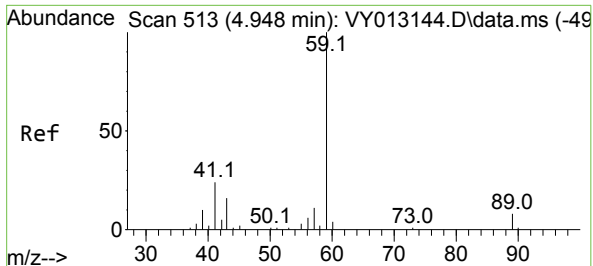
Tgt Ion:101 Resp: 135238
Ion Ratio Lower Upper
101 100
85 44.0 35.3 52.9
151 80.8 63.1 94.7



#10
Methyl Iodide
Concen: 106.433 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion:142 Resp: 196940
Ion Ratio Lower Upper
142 100
127 44.3 35.4 53.2
141 14.7 11.3 16.9

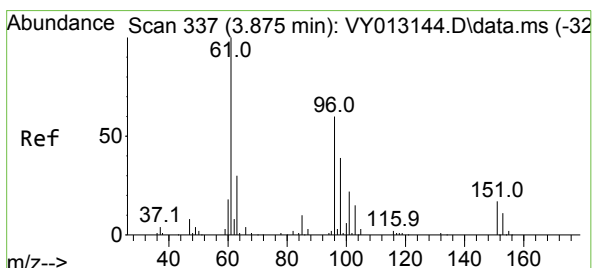
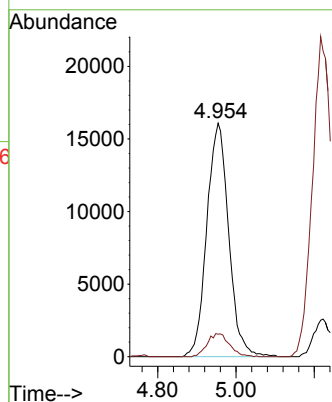
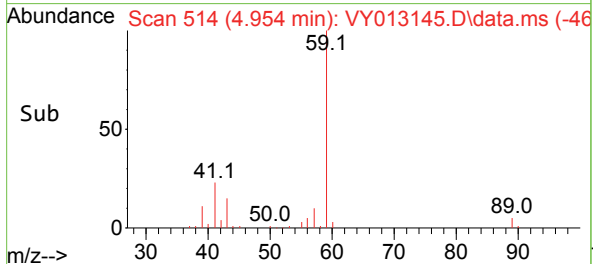
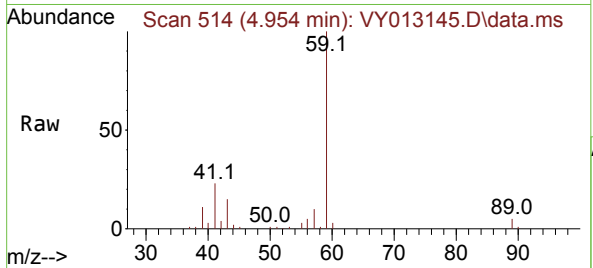




#11
Tert butyl alcohol
Concen: 455.599 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

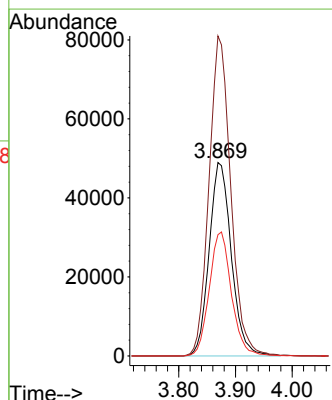
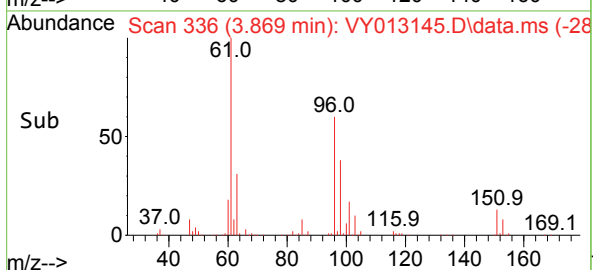
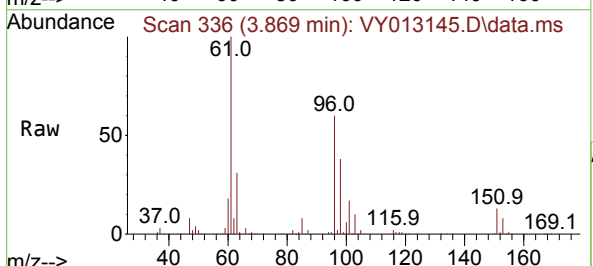
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

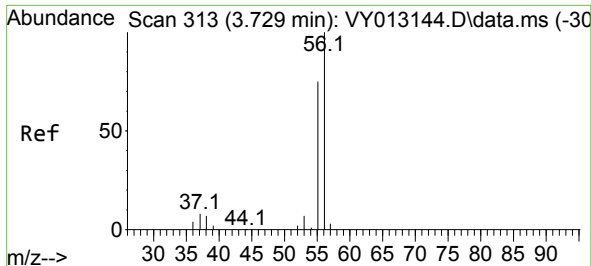
Tgt Ion: 59 Resp: 62351
Ion Ratio Lower Upper
59 100
57 10.1 7.7 11.5



#12
1,1-Dichloroethene
Concen: 96.934 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 96 Resp: 133152
Ion Ratio Lower Upper
96 100
61 165.5 131.7 197.5
98 62.7 52.0 78.0

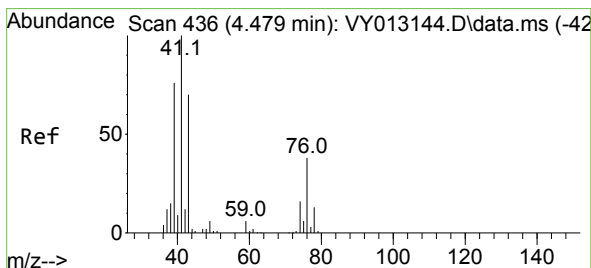
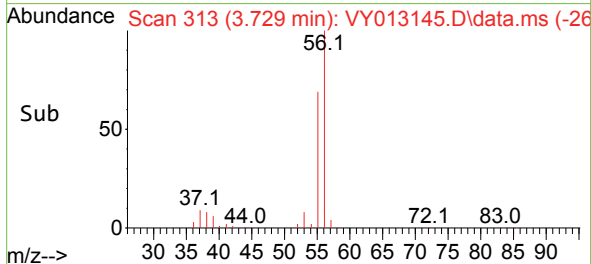
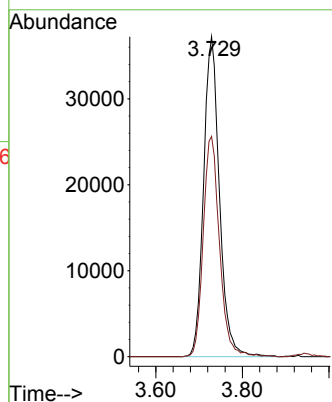
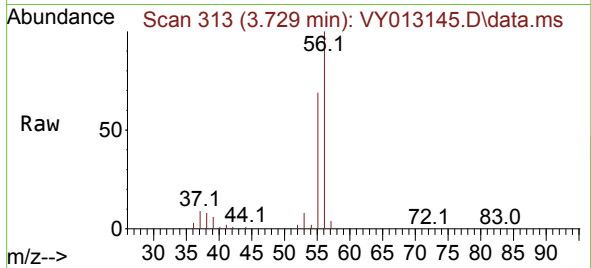




#13
Acrolein
Concen: 493.239 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

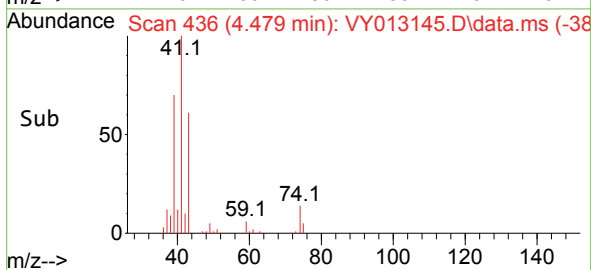
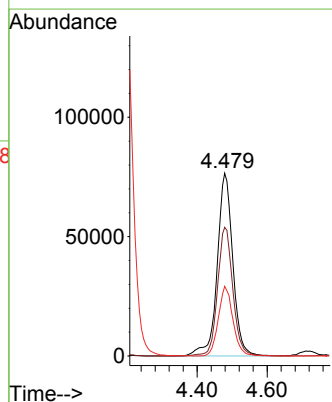
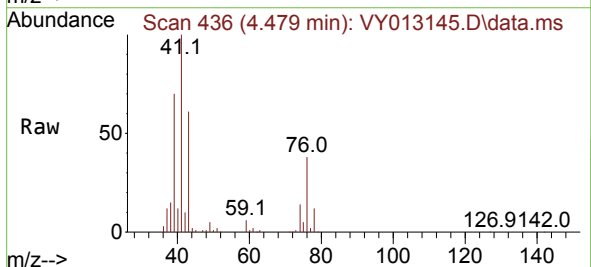
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

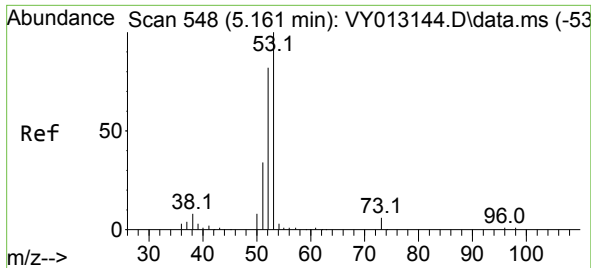
Tgt Ion: 56 Resp: 94728
Ion Ratio Lower Upper
56 100
55 70.6 56.8 85.2



#14
Allyl chloride
Concen: 101.372 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 41 Resp: 237261
Ion Ratio Lower Upper
41 100
39 68.9 53.6 80.4
76 35.6 27.2 40.8

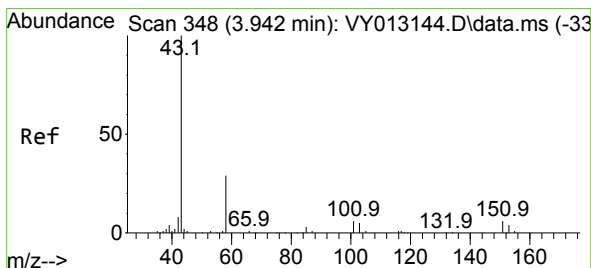
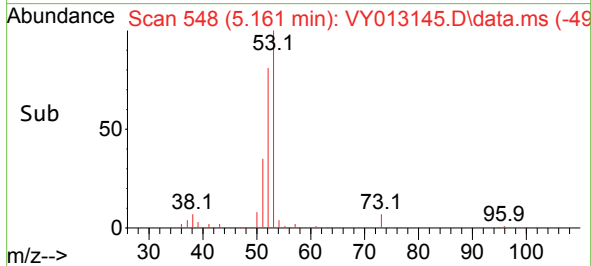
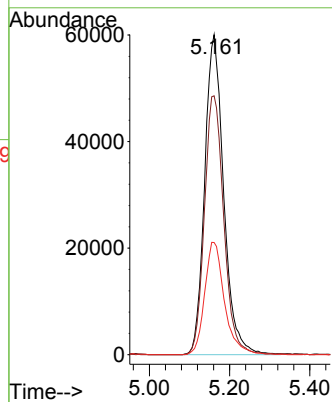
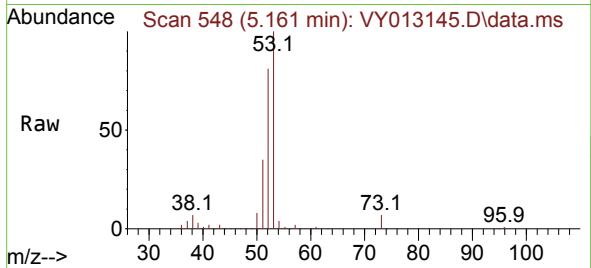




#15
Acrylonitrile
Concen: 491.332 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

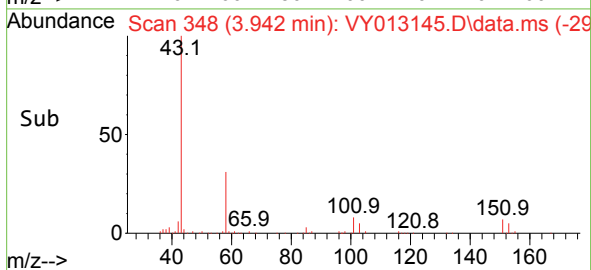
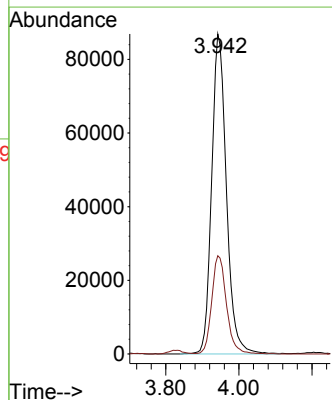
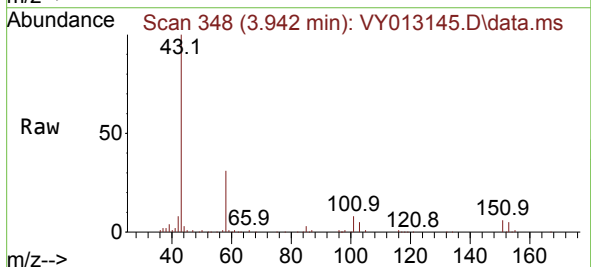
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

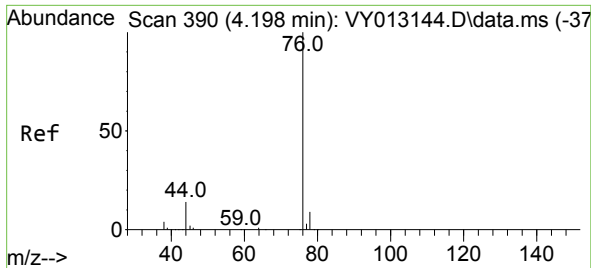
Tgt Ion: 53	Resp: 197601
Ion Ratio	Lower Upper
53 100	
52 82.6	66.3 99.5
51 36.8	28.8 43.2



#16
Acetone
Concen: 522.366 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 43	Resp: 242542
Ion Ratio	Lower Upper
43 100	
58 30.7	24.2 36.2

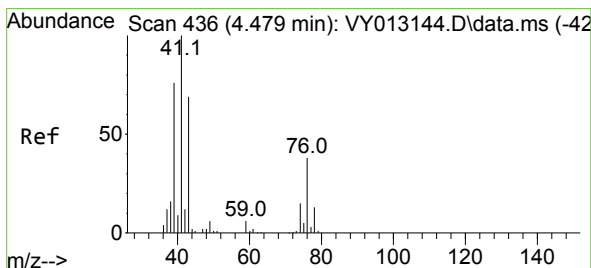
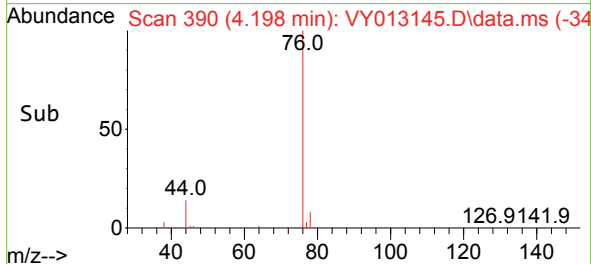
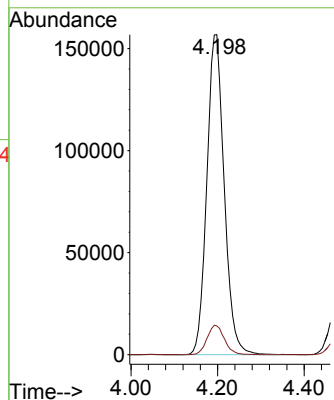
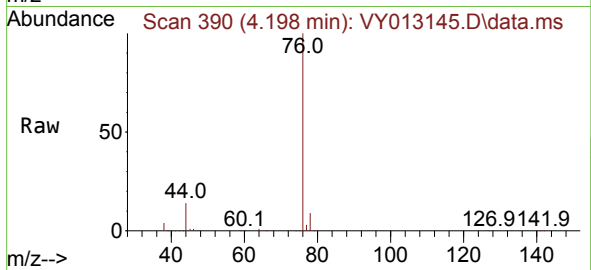




#17
Carbon Disulfide
Concen: 95.472 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

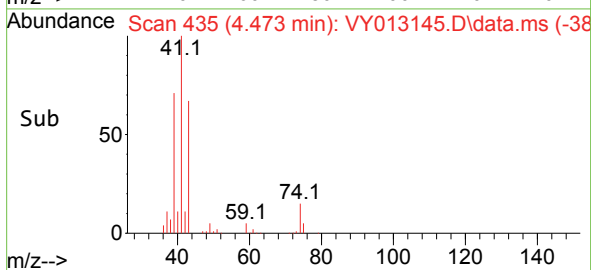
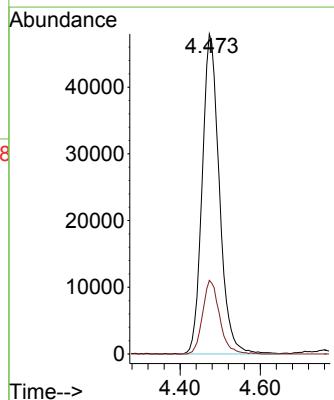
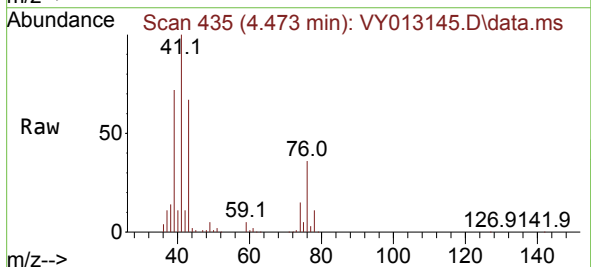
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

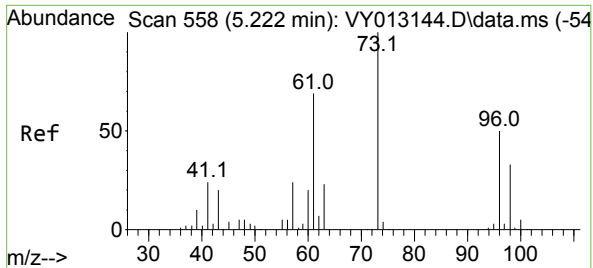
Tgt Ion: 76 Resp: 436740
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 97.378 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 43 Resp: 142465
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.0

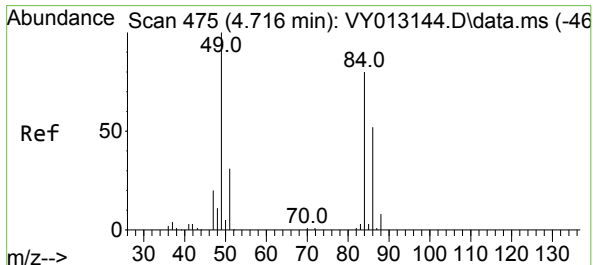
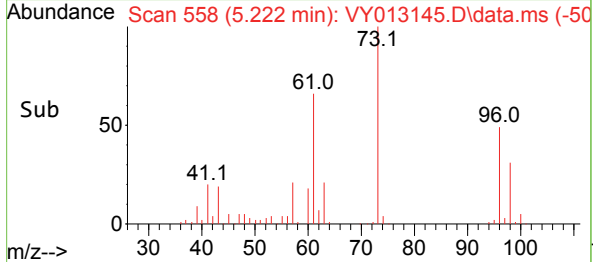
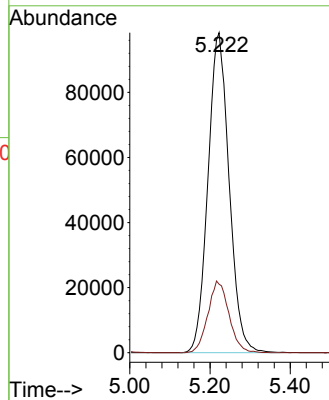
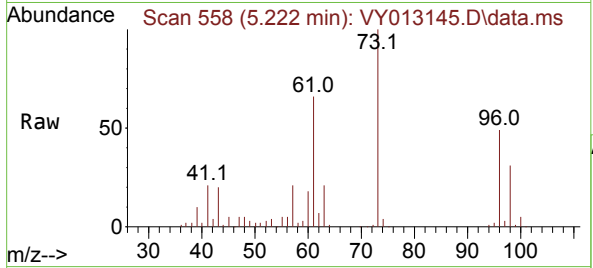




#19
Methyl tert-butyl Ether
Concen: 103.331 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

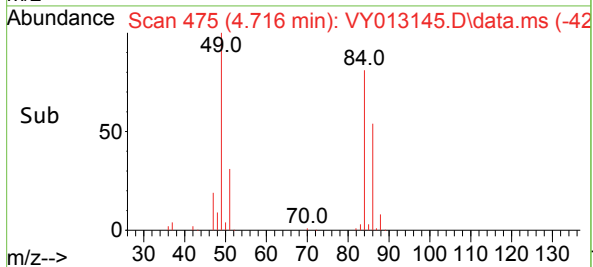
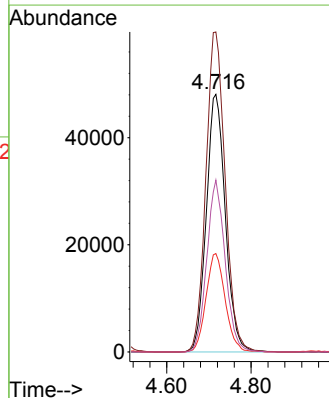
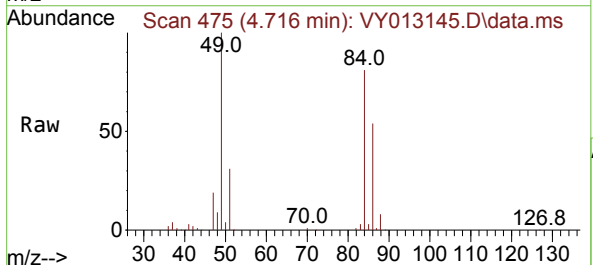
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

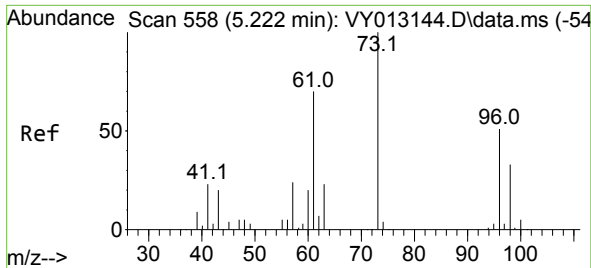
Tgt Ion: 73 Resp: 359675
Ion Ratio Lower Upper
73 100
57 21.4 18.3 27.5



#20
Methylene Chloride
Concen: 99.561 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 84 Resp: 151048
Ion Ratio Lower Upper
84 100
49 124.2 102.6 154.0
51 38.2 31.9 47.9
86 66.7 51.0 76.6

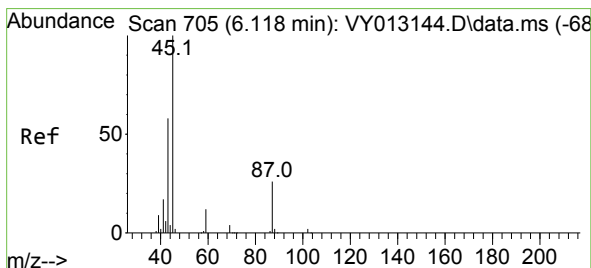
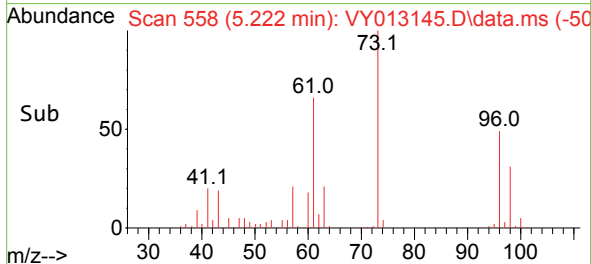
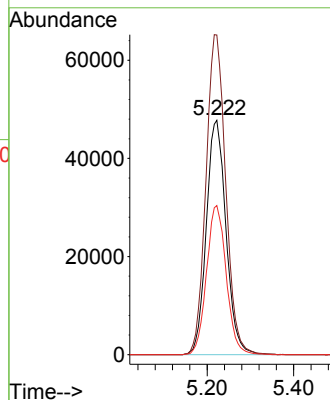
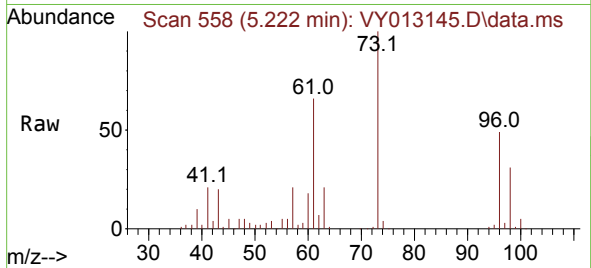




#21
trans-1,2-Dichloroethene
Concen: 97.604 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

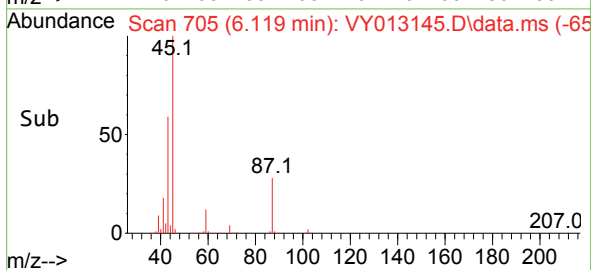
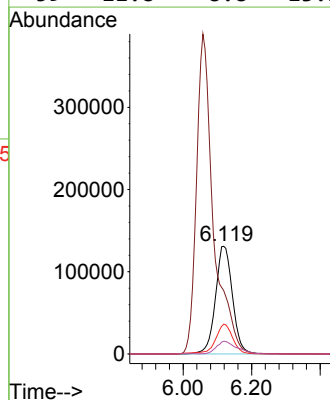
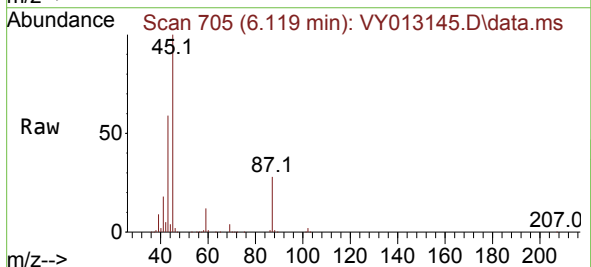
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

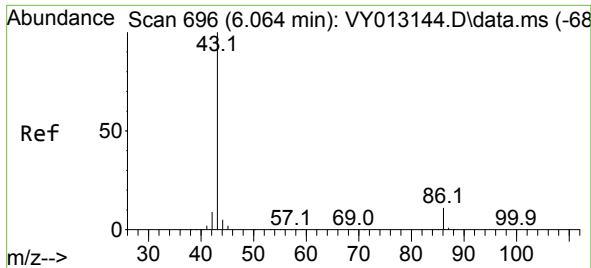
Tgt Ion: 96 Resp: 151061
Ion Ratio Lower Upper
96 100
61 136.4 111.4 167.0
98 63.7 50.8 76.2



#22
Diisopropyl ether
Concen: 98.513 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 45 Resp: 450471
Ion Ratio Lower Upper
45 100
43 58.7 45.0 67.6
87 27.6 20.3 30.5
59 11.8 8.8 13.2

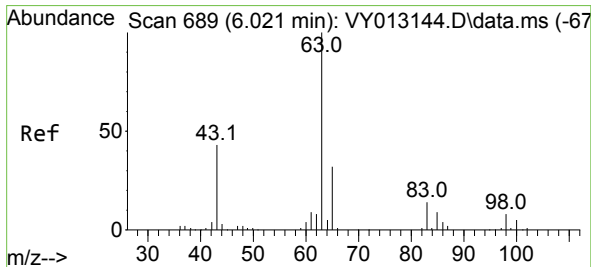
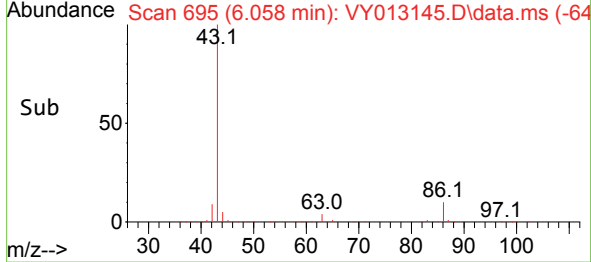
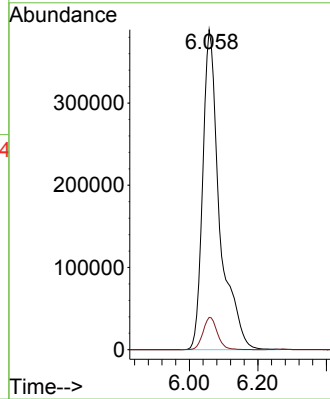
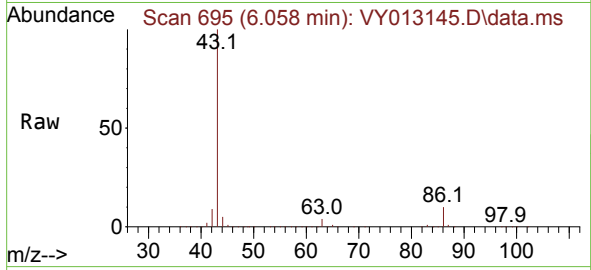




#23
 Vinyl Acetate
 Concen: 513.754 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY013145.D
 Acq: 30 Mar 2023 11:44

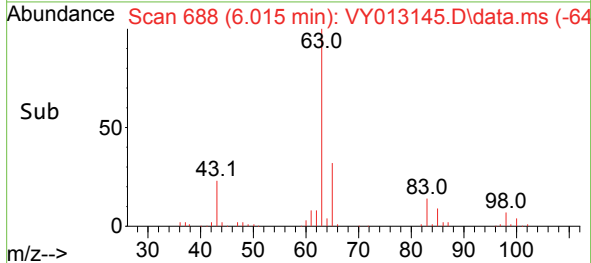
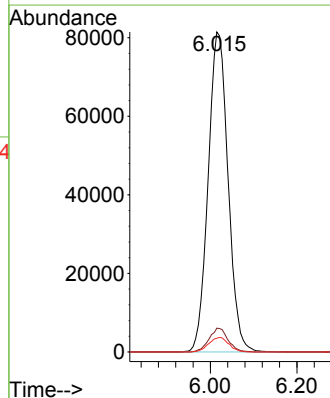
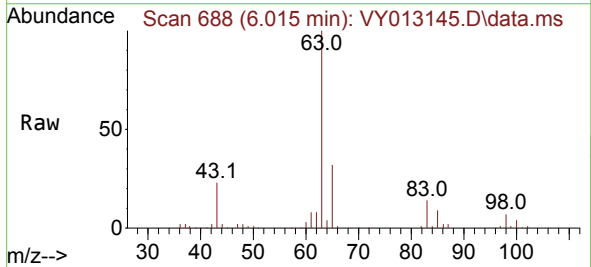
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

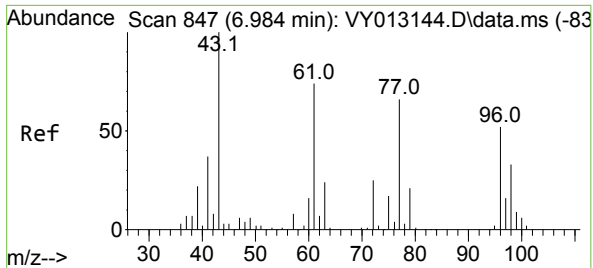
Tgt Ion: 43 Resp: 1335933
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 95.925 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY013145.D
 Acq: 30 Mar 2023 11:44

Tgt Ion: 63 Resp: 259782
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.3 2.3 6.8

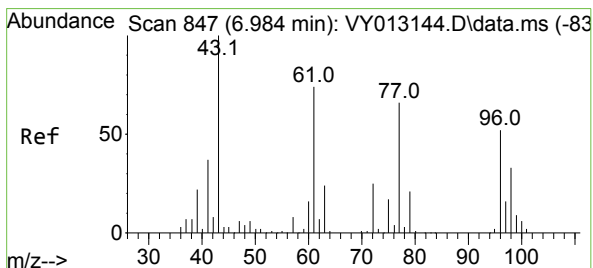
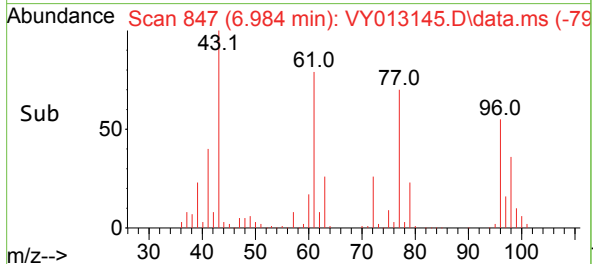
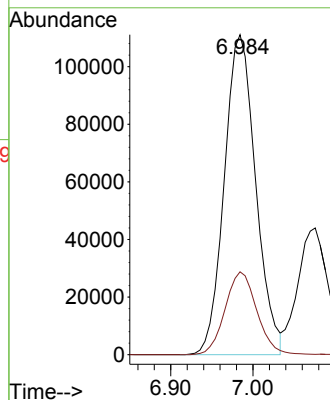
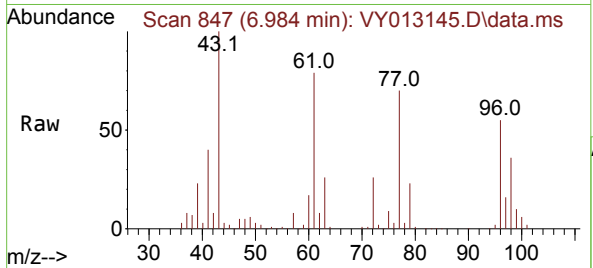




#25
2-Butanone
Concen: 508.040 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

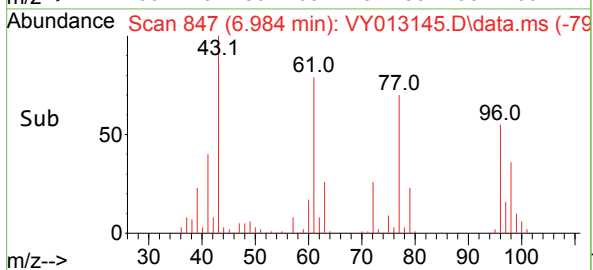
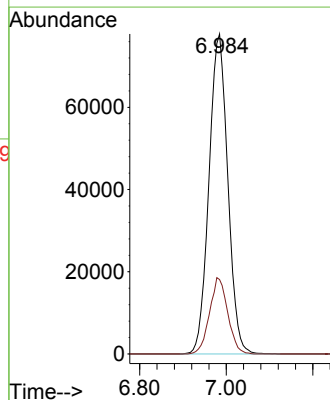
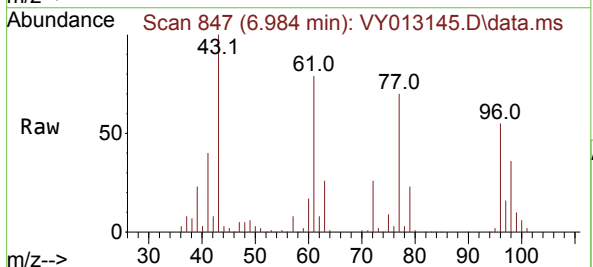
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

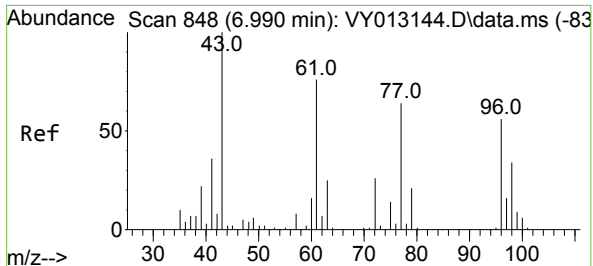
Tgt Ion: 43 Resp: 294957
Ion Ratio Lower Upper
43 100
72 25.9 21.0 31.4



#26
2,2-Dichloropropane
Concen: 96.333 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 77 Resp: 234653
Ion Ratio Lower Upper
77 100
97 23.1 11.7 35.0

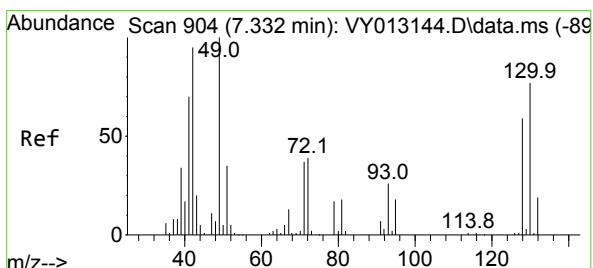
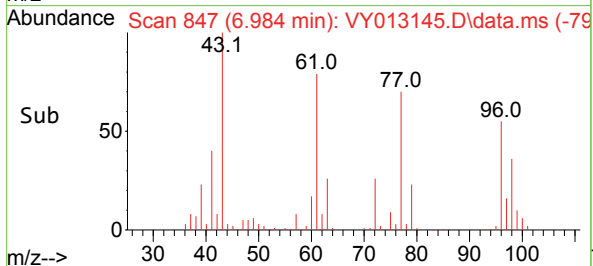
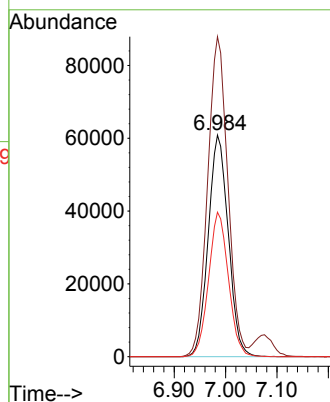
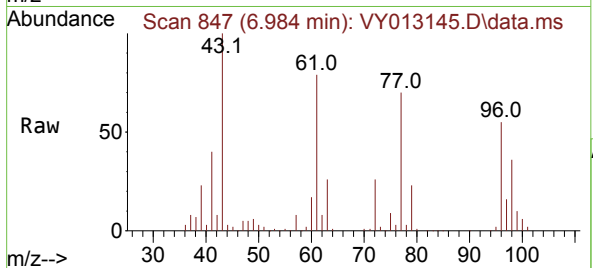




#27
 cis-1,2-Dichloroethene
 Concen: 98.648 ug/l
 RT: 6.984 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY013145.D
 Acq: 30 Mar 2023 11:44

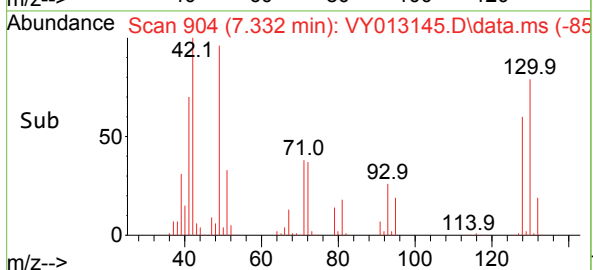
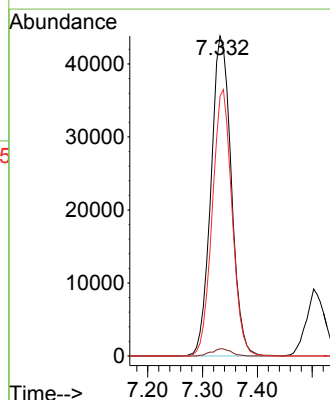
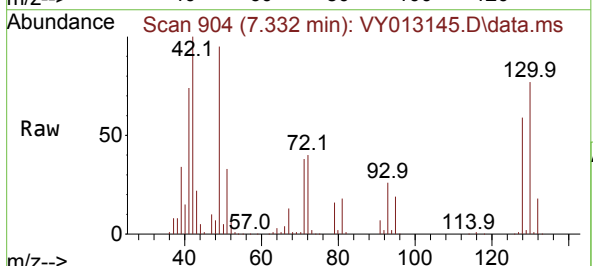
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

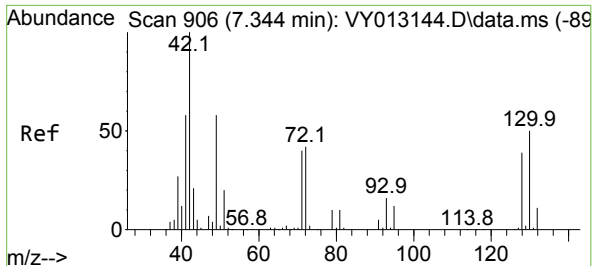
Tgt Ion: 96 Resp: 164482
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 295.8
 98 64.6 0.0 130.2



#28
 Bromochloromethane
 Concen: 96.962 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY013145.D
 Acq: 30 Mar 2023 11:44

Tgt Ion: 49 Resp: 112676
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 81.0 60.5 90.7





#29

Tetrahydrofuran

Concen: 503.348 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

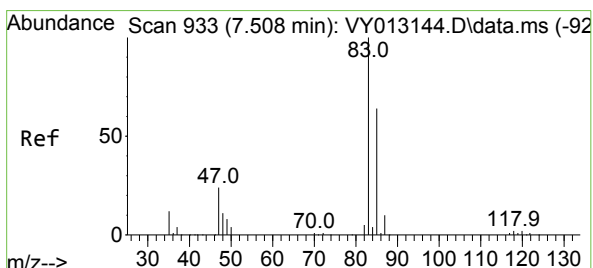
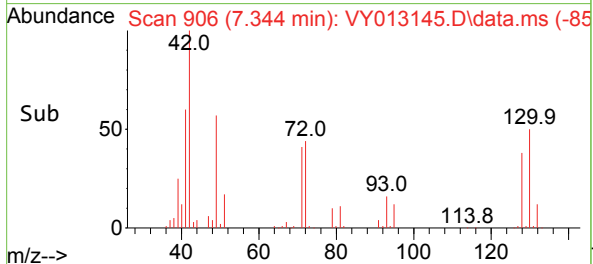
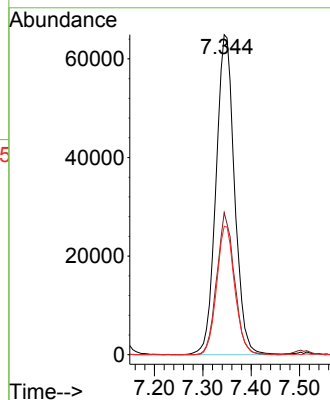
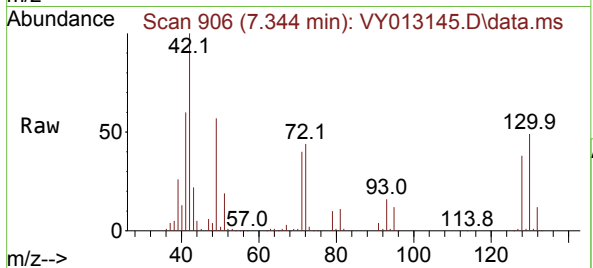
Tgt Ion: 42 Resp: 172992

Ion Ratio Lower Upper

42 100

72 42.0 32.3 48.5

71 39.2 30.3 45.5



#30

Chloroform

Concen: 94.465 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY013145.D

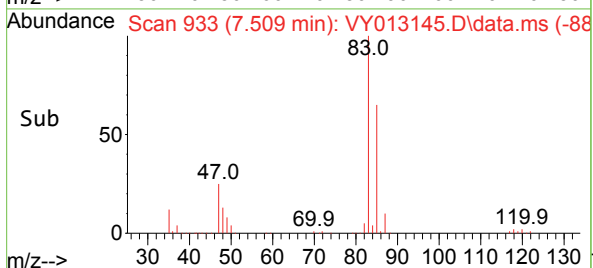
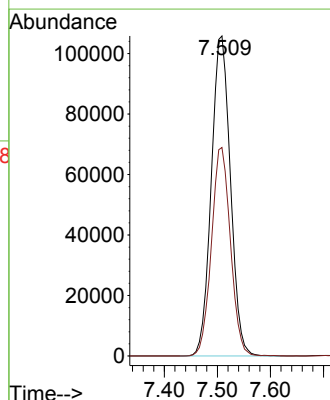
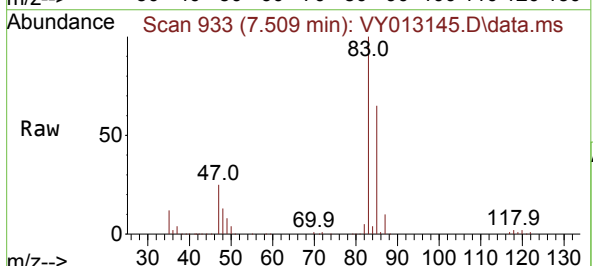
Acq: 30 Mar 2023 11:44

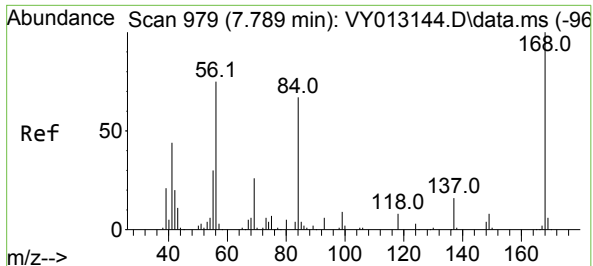
Tgt Ion: 83 Resp: 264921

Ion Ratio Lower Upper

83 100

85 65.1 51.4 77.0

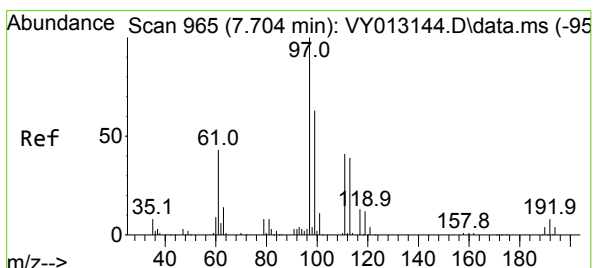
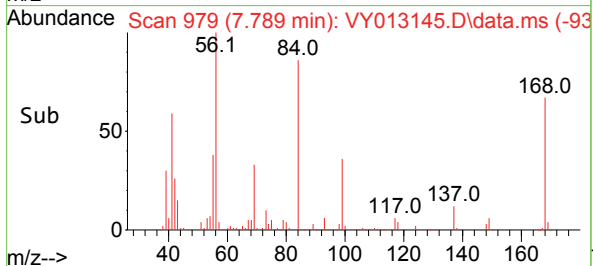
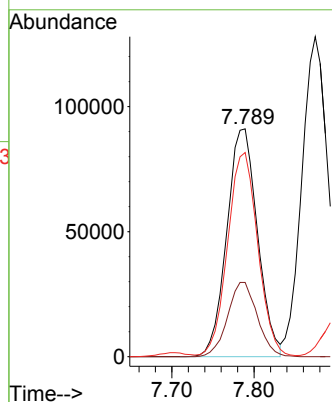
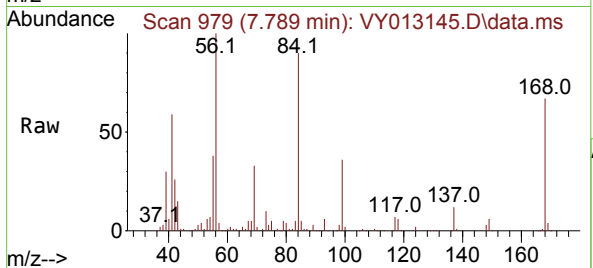




#31
Cyclohexane
Concen: 95.362 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

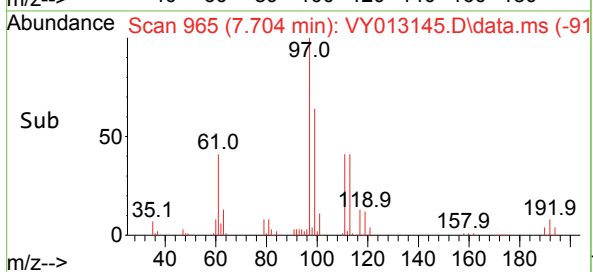
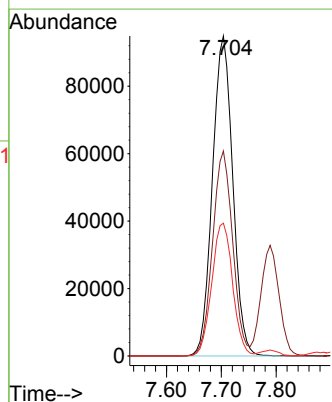
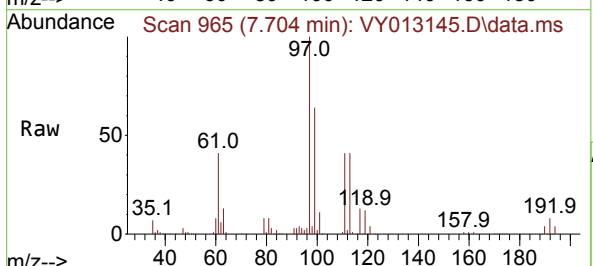
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

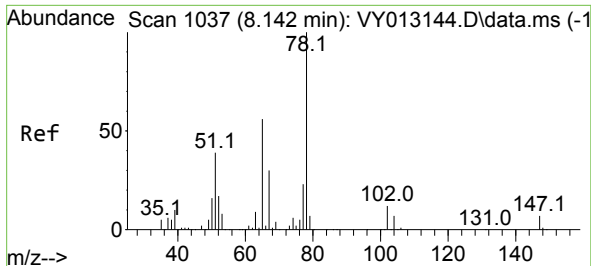
Tgt Ion: 56 Resp: 236394
Ion Ratio Lower Upper
56 100
69 32.6 25.7 38.5
84 88.0 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 98.372 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 97 Resp: 243918
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 42.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 94.388 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

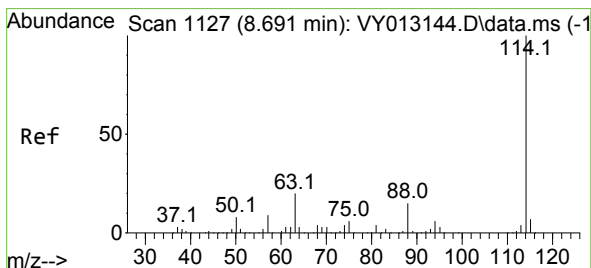
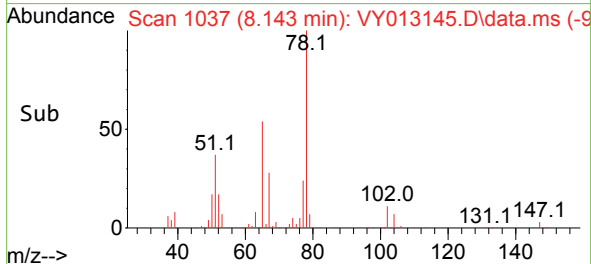
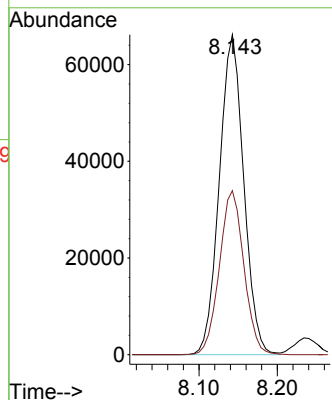
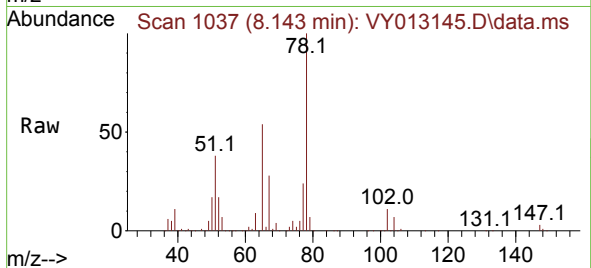
VSTDIC100

Tgt Ion: 65 Resp: 143322

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

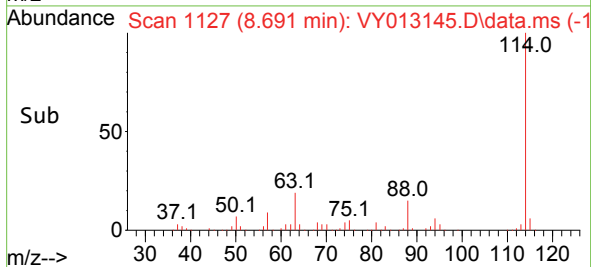
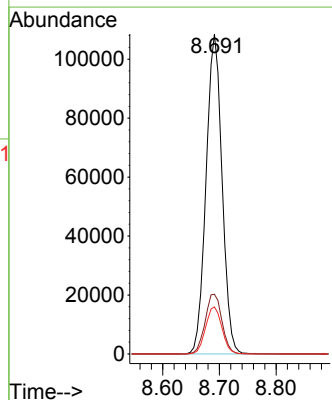
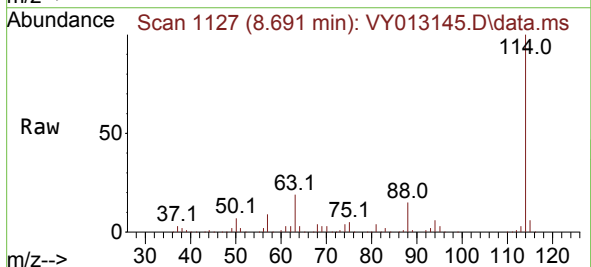
Tgt Ion: 114 Resp: 211820

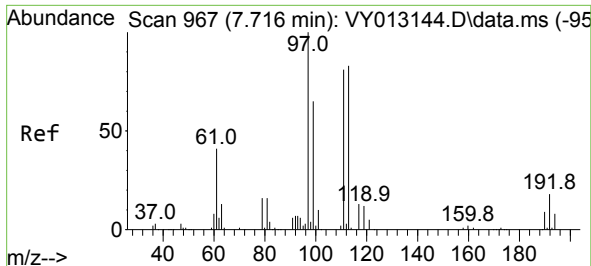
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

88 14.7 0.0 28.6

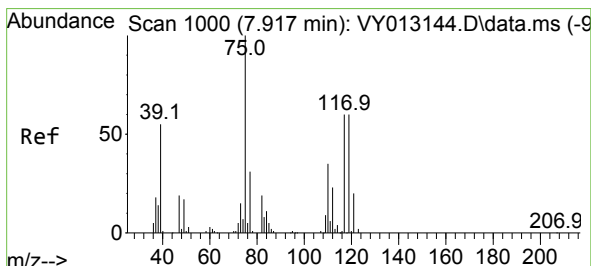
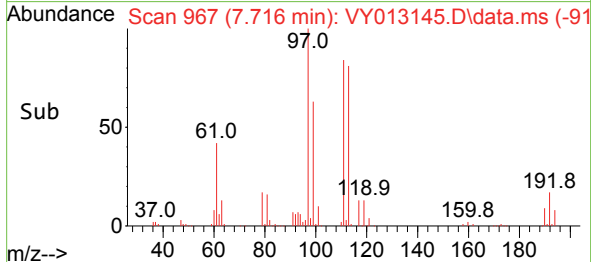
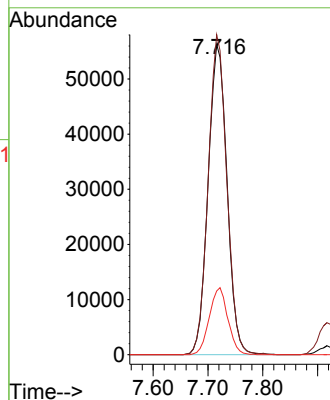
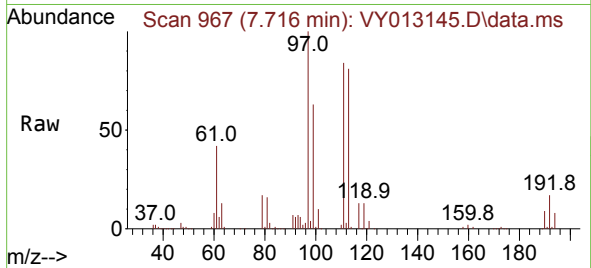




#35
Dibromofluoromethane
Concen: 97.422 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

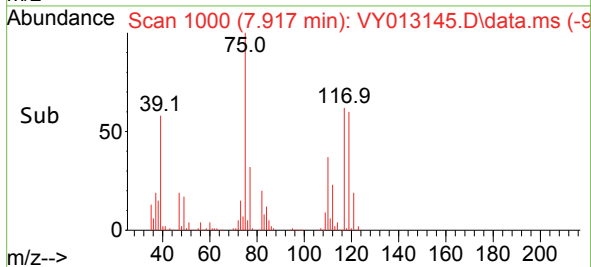
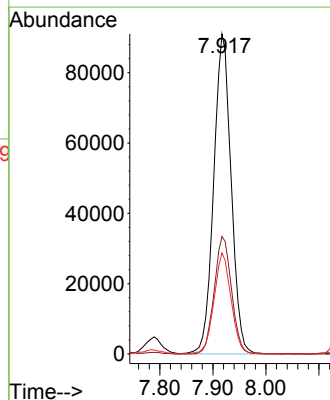
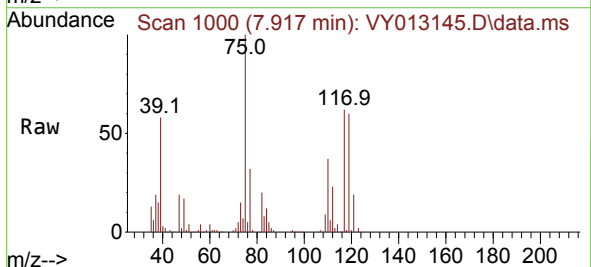
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

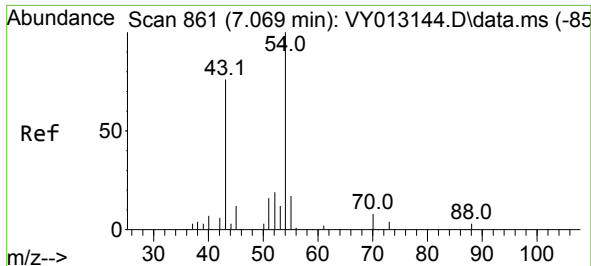
Tgt Ion:113 Resp: 134807
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.2
192 21.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 99.770 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 75 Resp: 207835
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.3
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 99.691 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

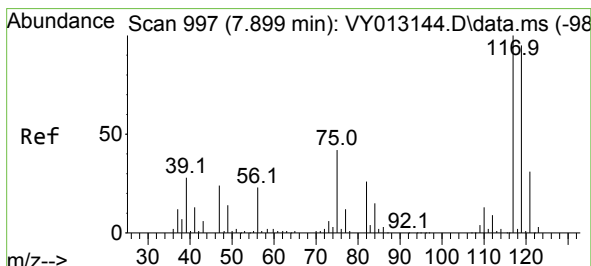
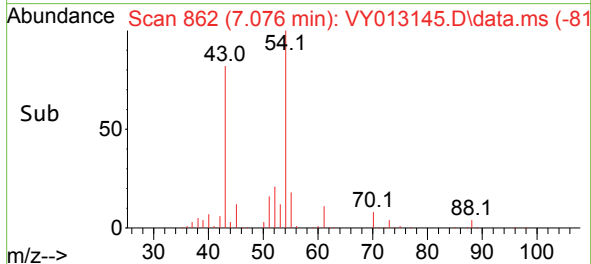
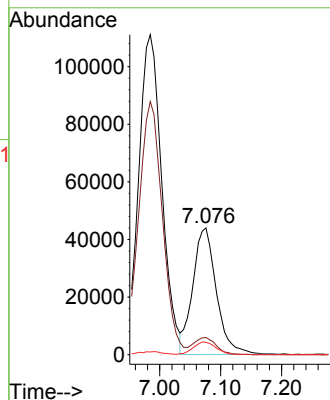
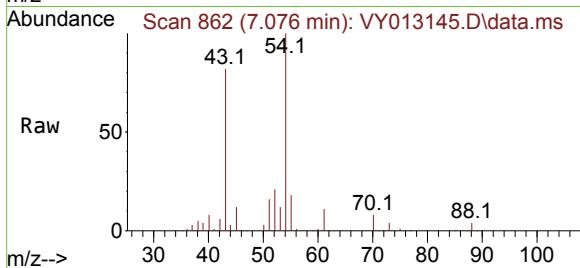
Tgt Ion: 43 Resp: 117970

Ion Ratio Lower Upper

43 100

61 12.9 10.7 16.1

70 9.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 98.682 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

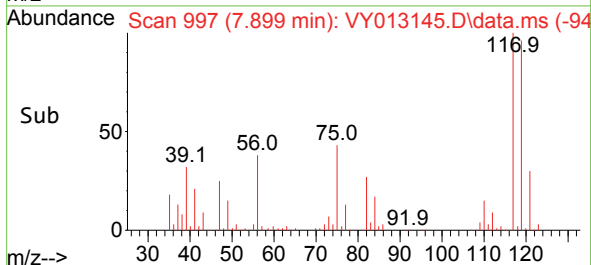
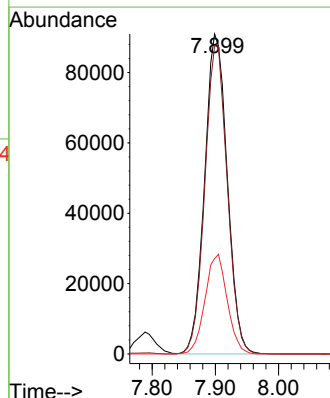
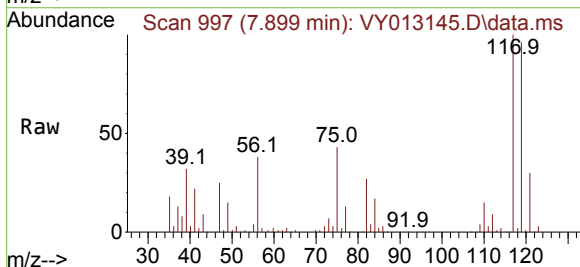
Tgt Ion: 117 Resp: 226819

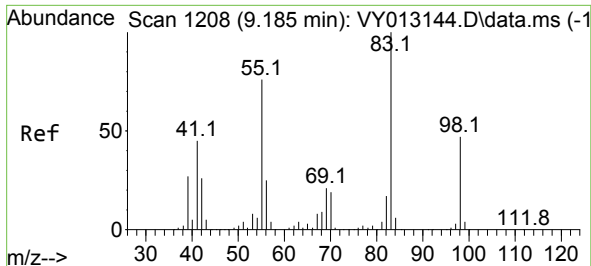
Ion Ratio Lower Upper

117 100

119 96.3 77.2 115.8

121 29.8 24.7 37.1





#39

Methylcyclohexane

Concen: 104.585 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

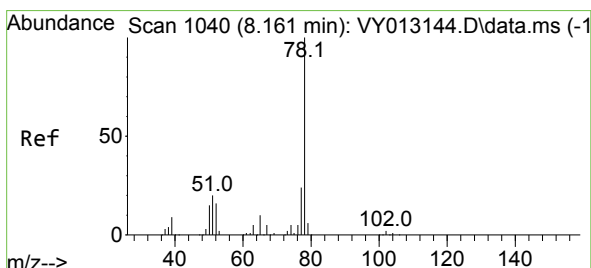
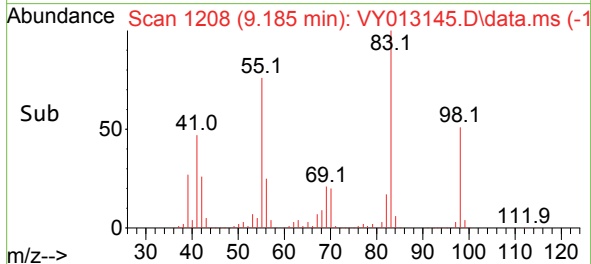
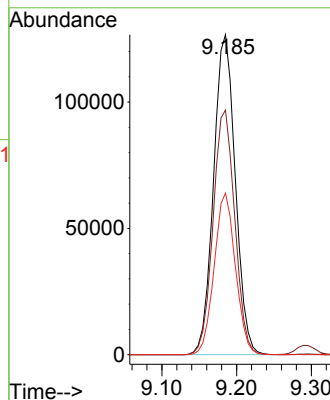
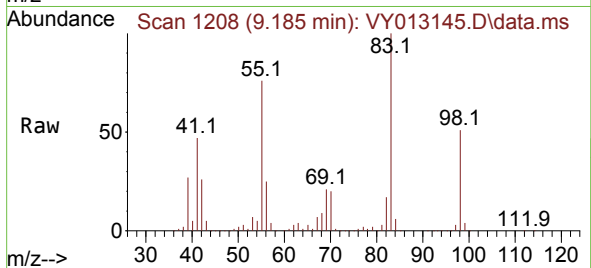
Tgt Ion: 83 Resp: 255595

Ion Ratio Lower Upper

83 100

55 76.5 60.0 90.0

98 50.5 38.3 57.5



#40

Benzene

Concen: 98.538 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013145.D

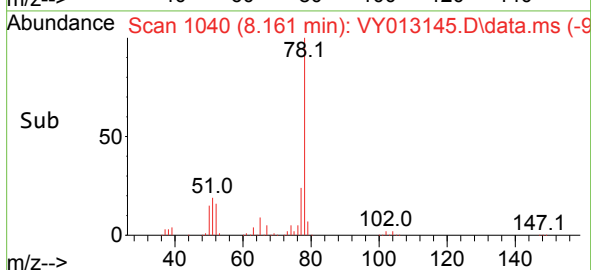
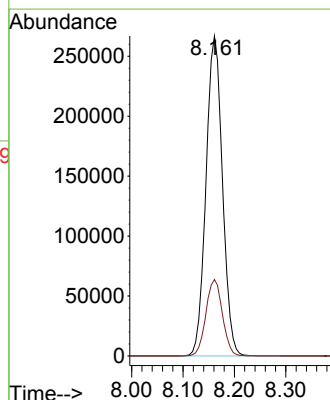
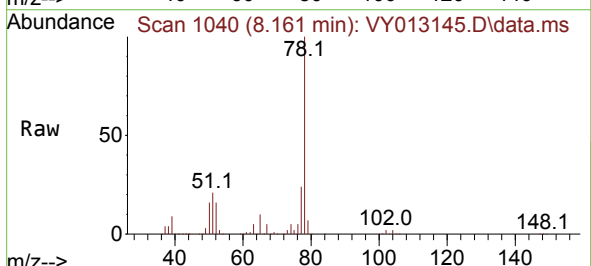
Acq: 30 Mar 2023 11:44

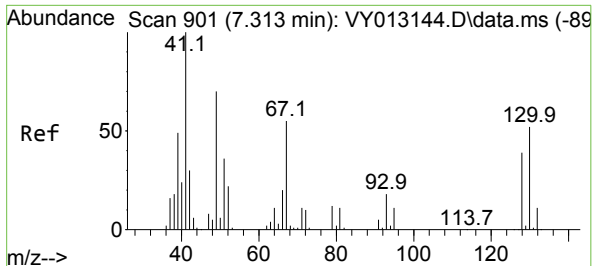
Tgt Ion: 78 Resp: 592876

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0

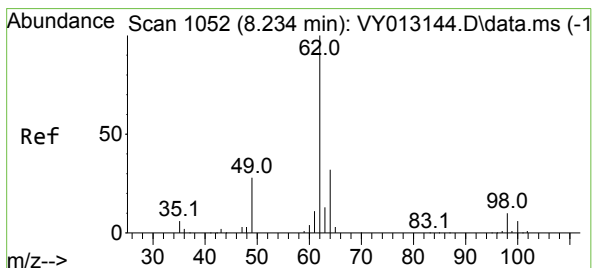
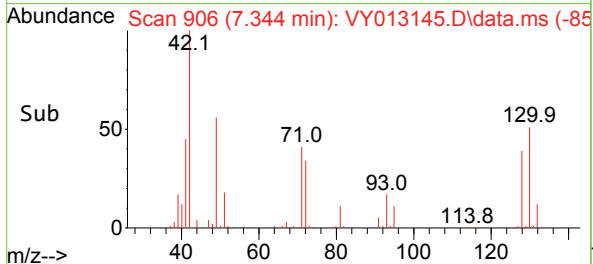
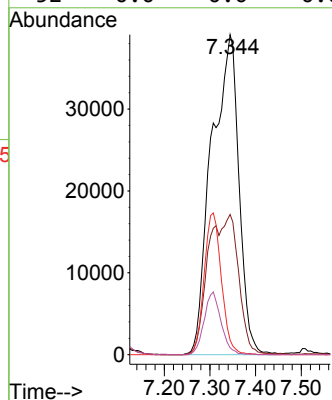
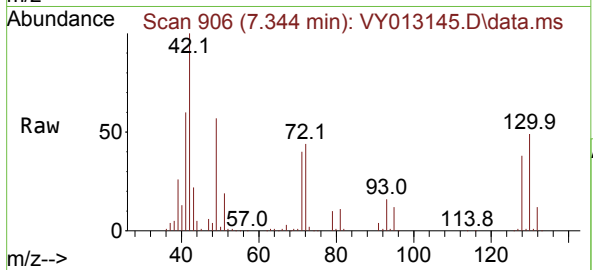




#41
Methacrylonitrile
Concen: 281.529 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

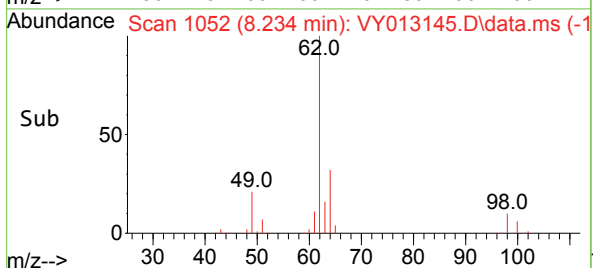
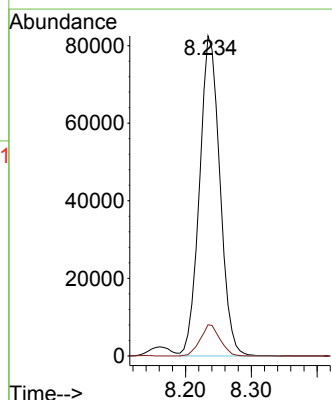
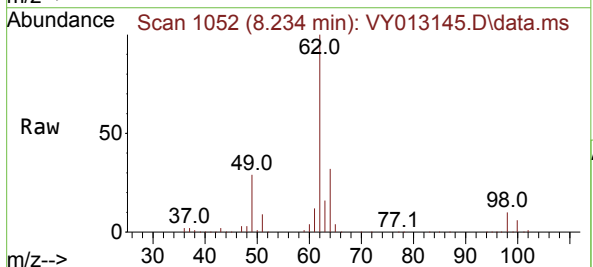
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

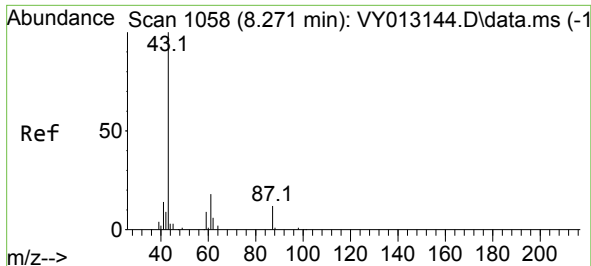
Tgt Ion: 41 Resp: 161835
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 96.437 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 62 Resp: 177770
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.8

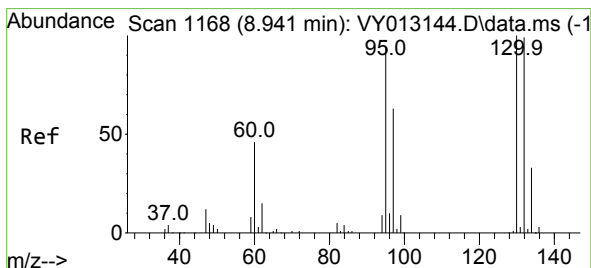
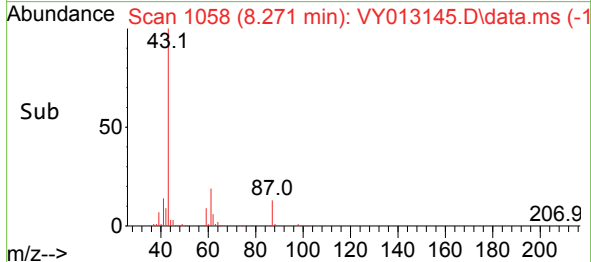
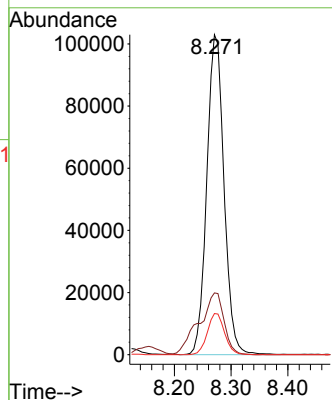
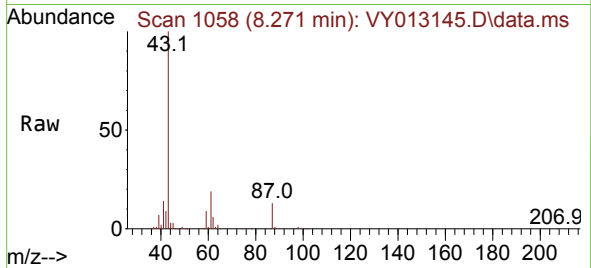




#43
Isopropyl Acetate
Concen: 102.645 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

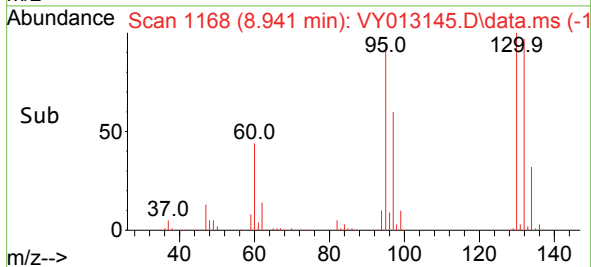
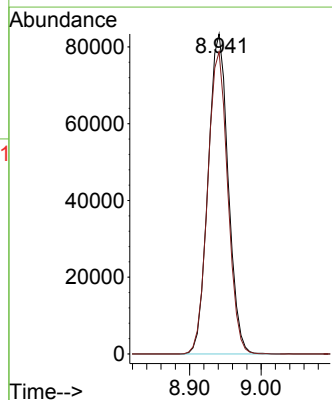
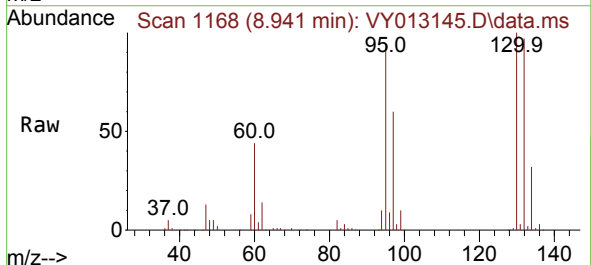
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

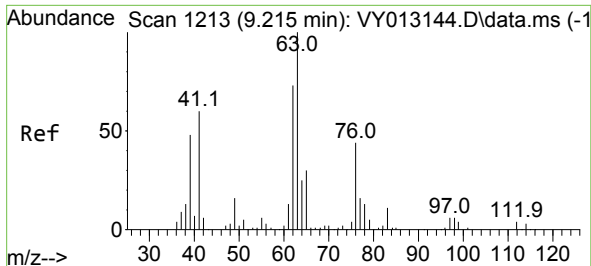
Tgt Ion: 43 Resp: 217422
Ion Ratio Lower Upper
43 100
61 28.0 21.6 32.4
87 12.8 9.9 14.9



#44
Trichloroethene
Concen: 98.312 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 130 Resp: 162835
Ion Ratio Lower Upper
130 100
95 94.4 0.0 185.0





#45

1,2-Dichloropropane

Concen: 96.780 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

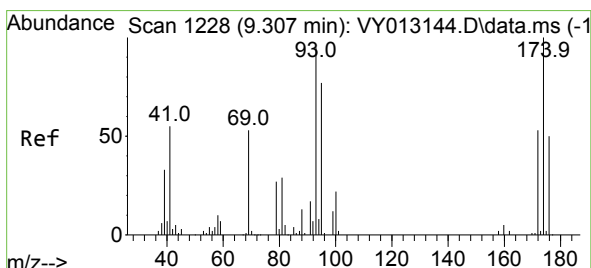
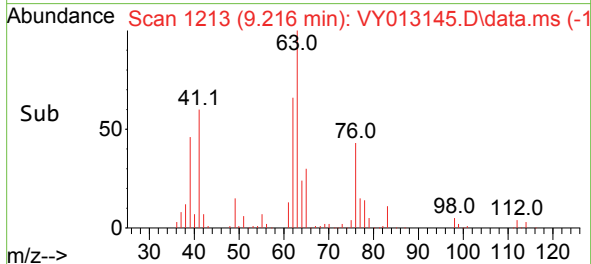
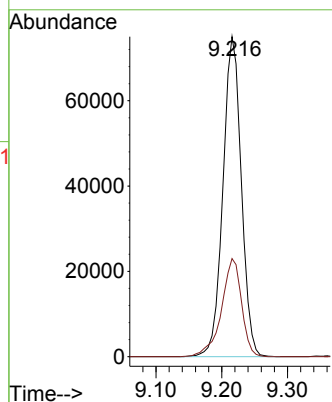
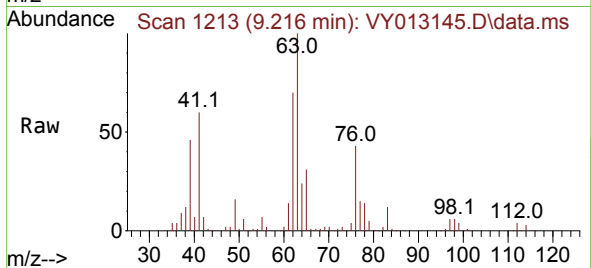
VSTDICC100

Tgt Ion: 63 Resp: 145812

Ion Ratio Lower Upper

63 100

65 30.6 25.7 38.5



#46

Dibromomethane

Concen: 96.992 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

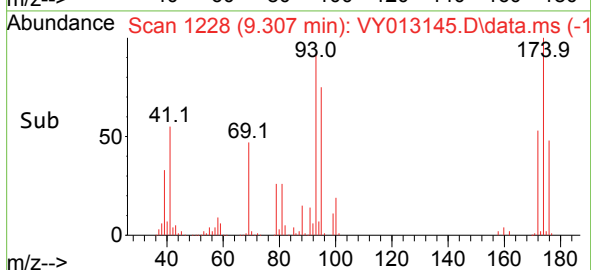
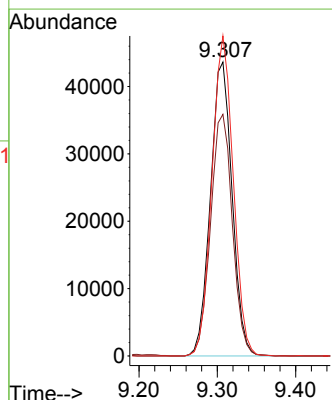
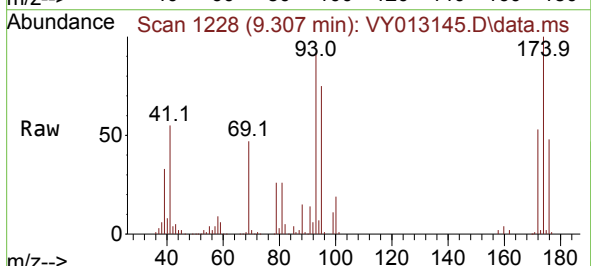
Tgt Ion: 93 Resp: 83946

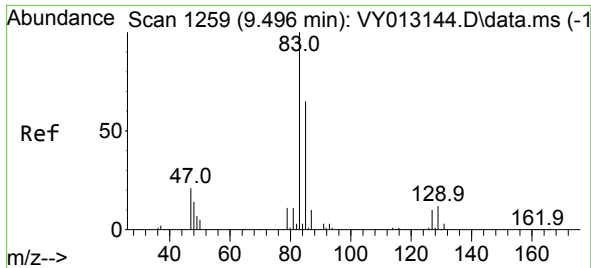
Ion Ratio Lower Upper

93 100

95 82.9 65.6 98.4

174 107.2 81.3 121.9

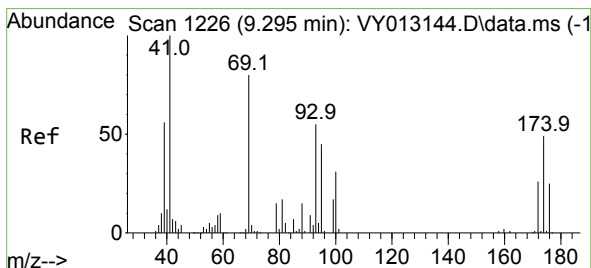
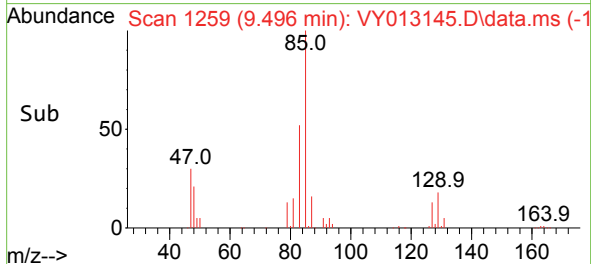
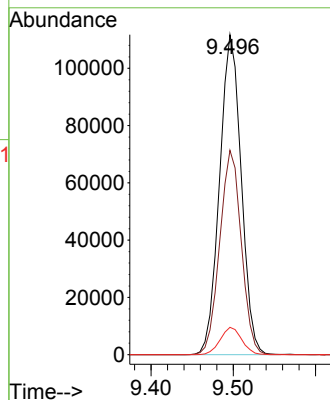
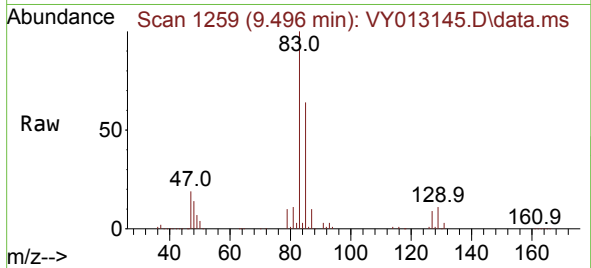




#47
 Bromodichloromethane
 Concen: 97.825 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. 0.000 min
 Lab File: VY013145.D
 Acq: 30 Mar 2023 11:44

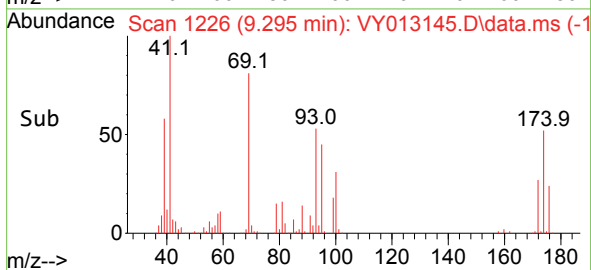
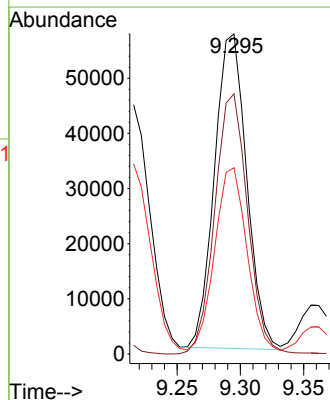
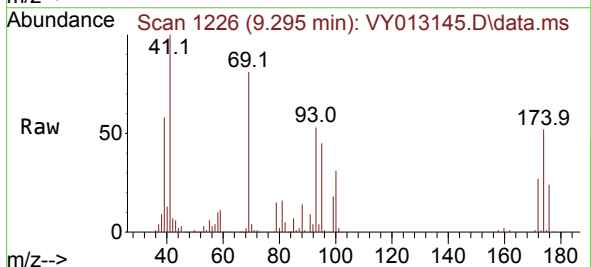
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

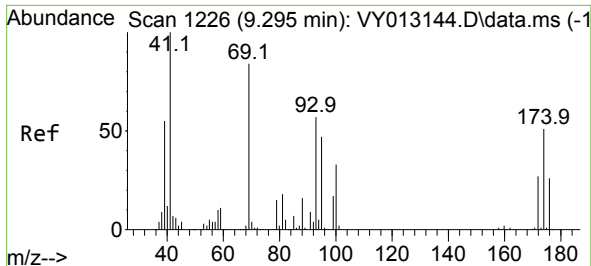
Tgt Ion: 83 Resp: 204292
 Ion Ratio Lower Upper
 83 100
 85 63.8 50.2 75.4
 127 8.6 6.3 9.5



#48
 Methyl methacrylate
 Concen: 102.353 ug/l
 RT: 9.295 min Scan# 1226
 Delta R.T. 0.000 min
 Lab File: VY013145.D
 Acq: 30 Mar 2023 11:44

Tgt Ion: 41 Resp: 100971
 Ion Ratio Lower Upper
 41 100
 69 84.5 64.1 96.1
 39 58.0 44.0 66.0





#49

1,4-Dioxane

Concen: 2100.544 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

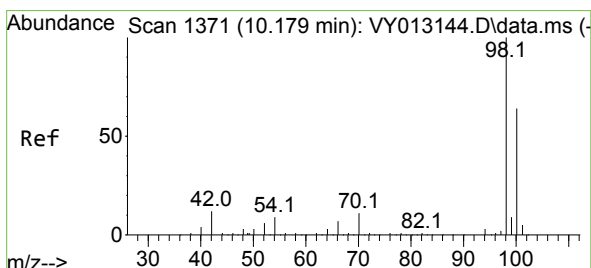
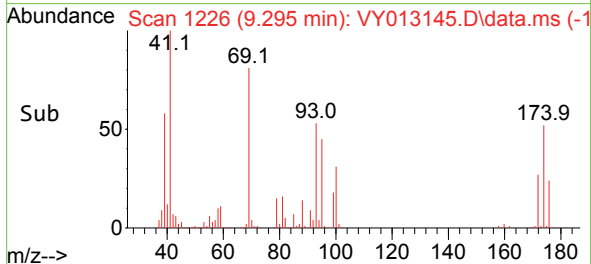
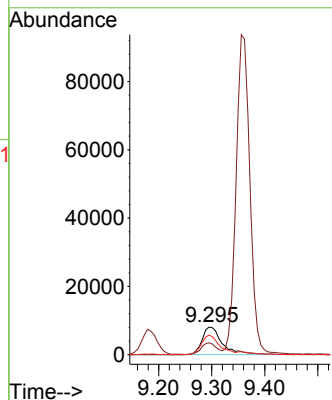
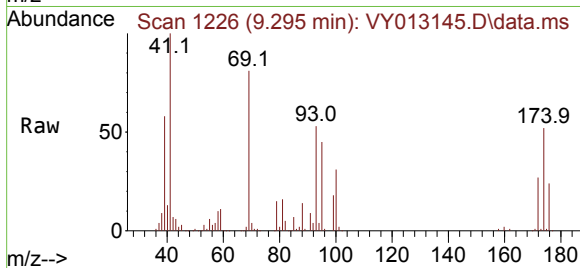
Tgt Ion: 88 Resp: 21628

Ion Ratio Lower Upper

88 100

43 31.9 28.6 42.8

58 62.7 55.2 82.8



#50

Toluene-d8

Concen: 97.450 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013145.D

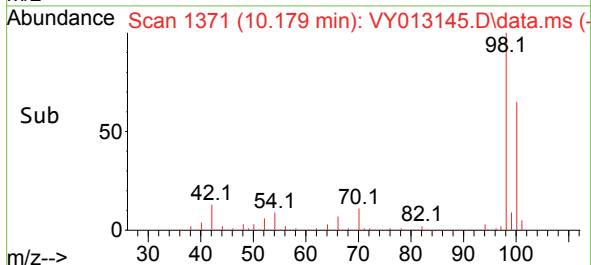
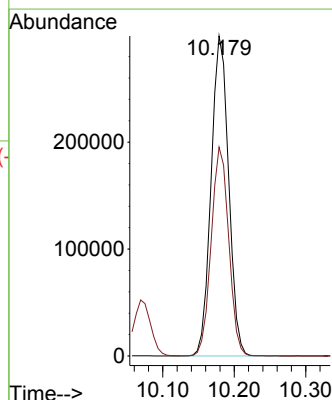
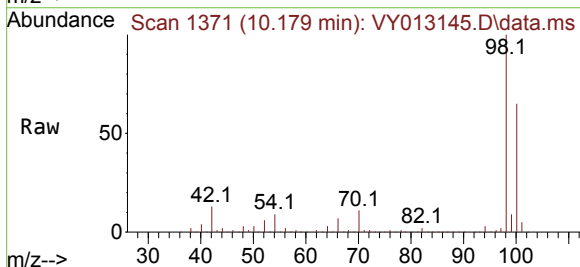
Acq: 30 Mar 2023 11:44

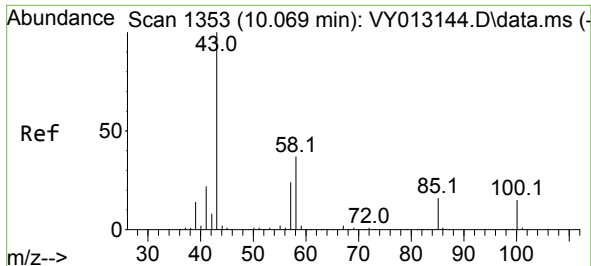
Tgt Ion: 98 Resp: 509066

Ion Ratio Lower Upper

98 100

100 65.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 508.243 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

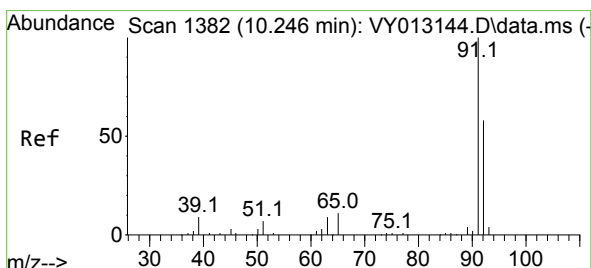
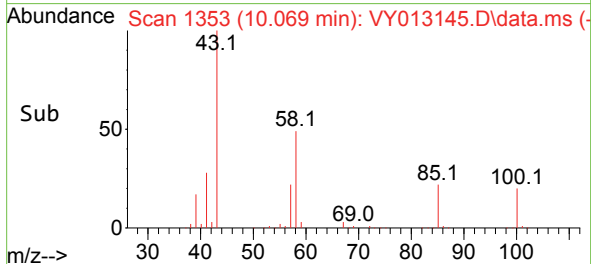
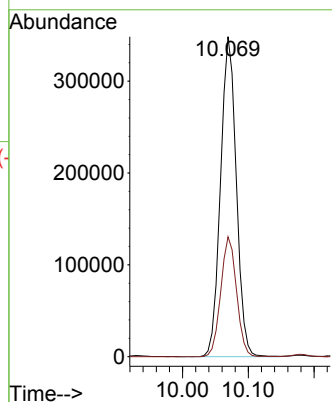
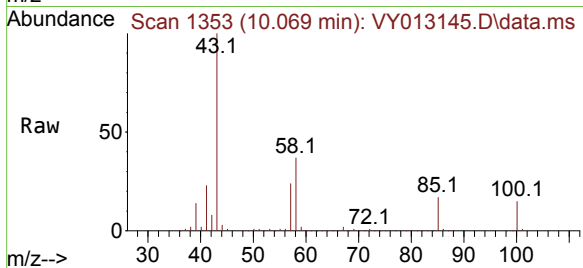
VSTDIC100

Tgt Ion: 43 Resp: 581005

Ion Ratio Lower Upper

43 100

58 37.5 29.8 44.6



#52

Toluene

Concen: 100.184 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY013145.D

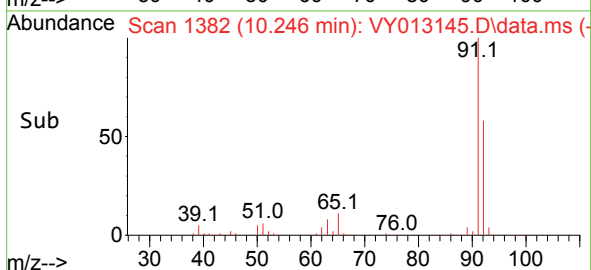
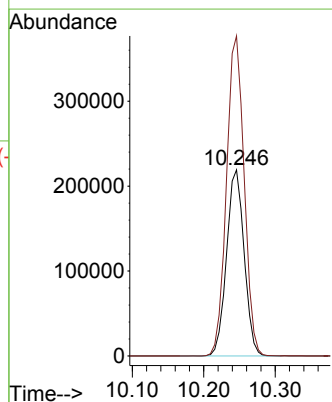
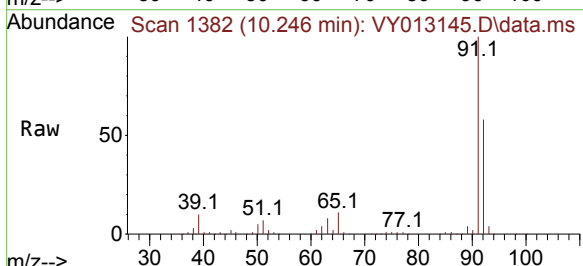
Acq: 30 Mar 2023 11:44

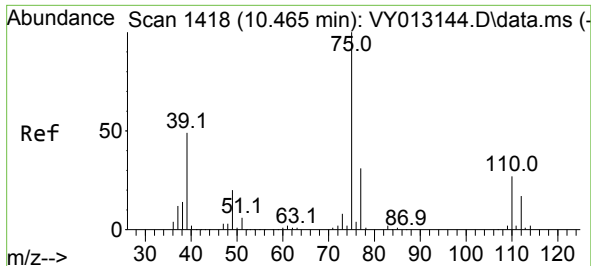
Tgt Ion: 92 Resp: 373906

Ion Ratio Lower Upper

92 100

91 172.7 141.3 211.9

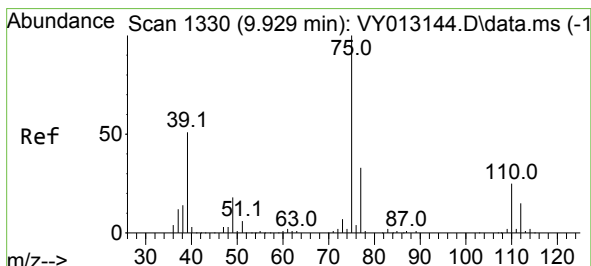
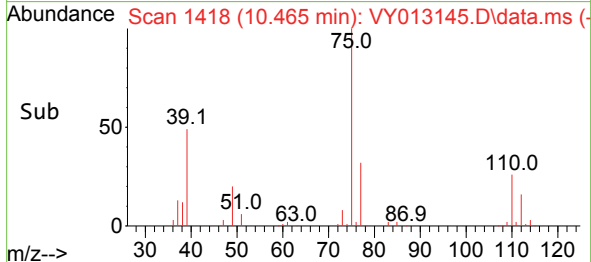
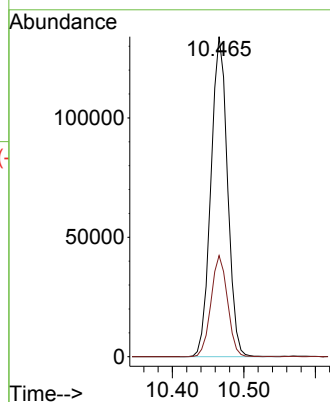
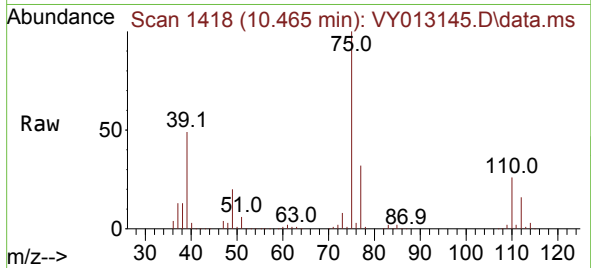




#53
 t-1,3-Dichloropropene
 Concen: 101.367 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013145.D
 Acq: 30 Mar 2023 11:44

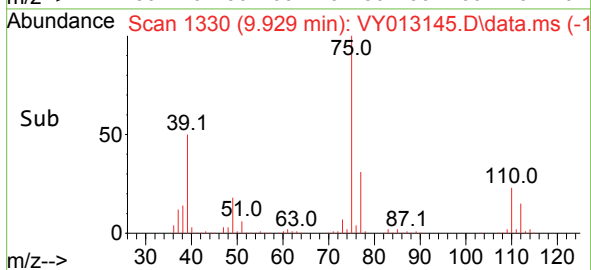
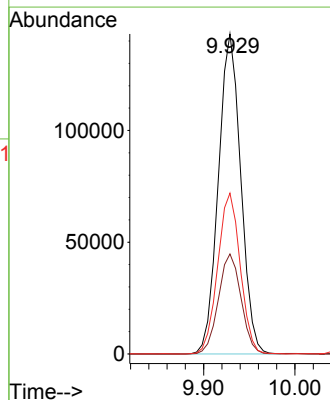
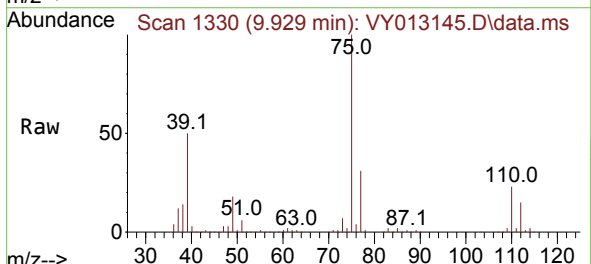
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

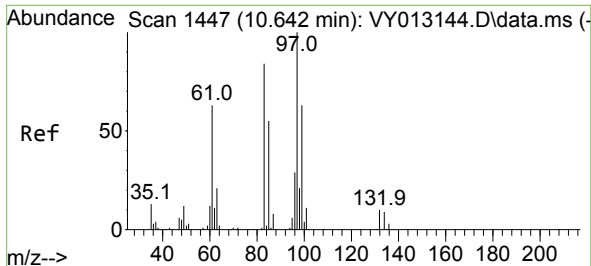
Tgt Ion: 75 Resp: 216376
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 100.226 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY013145.D
 Acq: 30 Mar 2023 11:44

Tgt Ion: 75 Resp: 244336
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 50.3 39.0 58.4

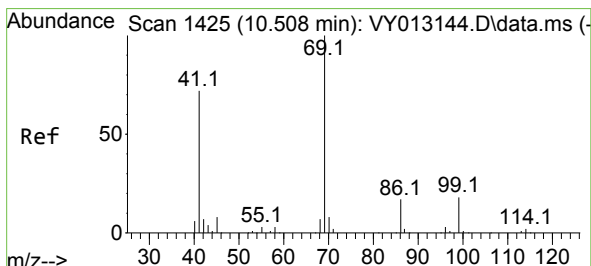
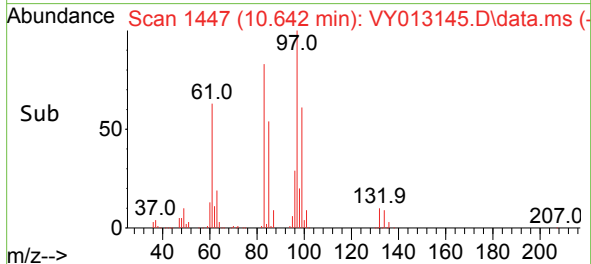
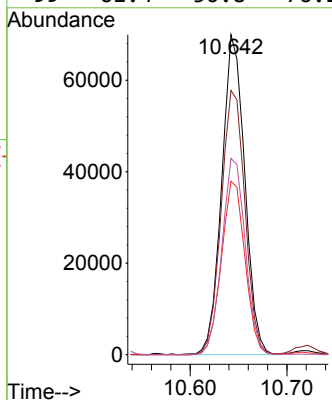
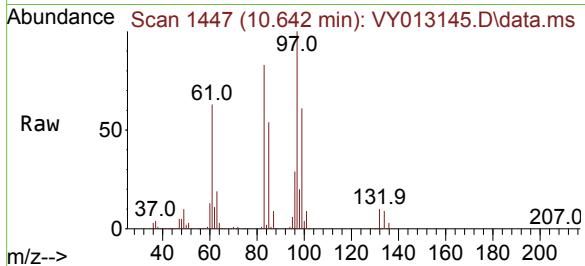




#55
1,1,2-Trichloroethane
Concen: 96.631 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

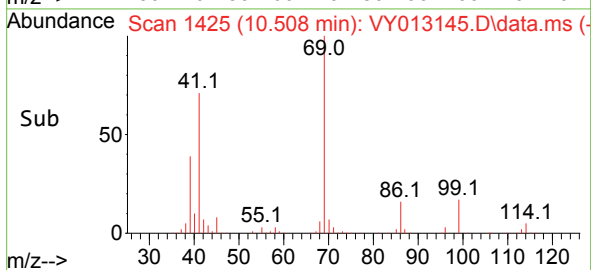
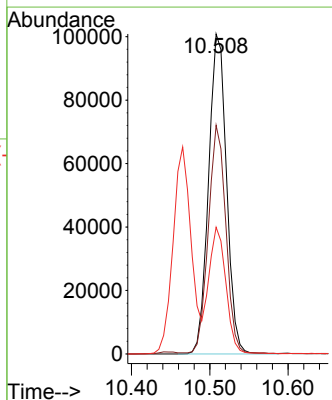
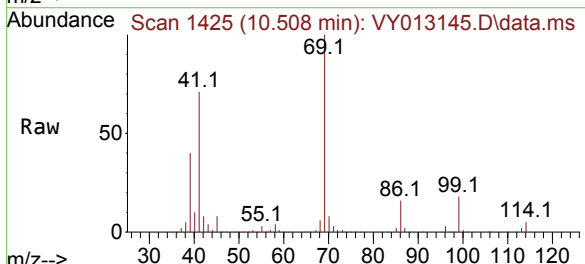
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

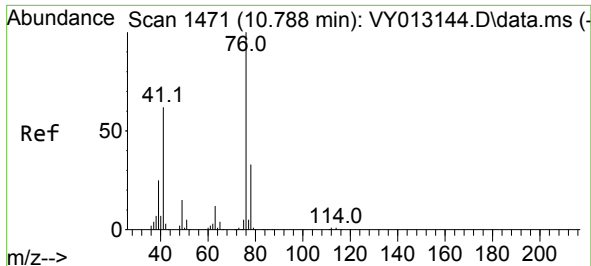
Tgt Ion:	97	Resp:	115606
Ion	Ratio	Lower	Upper
97	100		
83	82.6	69.0	103.6
85	54.2	44.9	67.3
99	61.4	50.8	76.2



#56
Ethyl methacrylate
Concen: 106.753 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion:	69	Resp:	160577
Ion	Ratio	Lower	Upper
69	100		
41	69.7	56.4	84.6
39	37.3	30.8	46.2





#57

1,3-Dichloropropane

Concen: 98.094 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

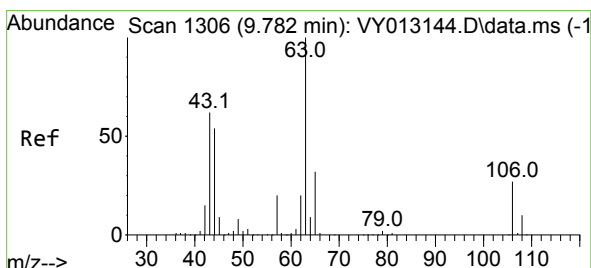
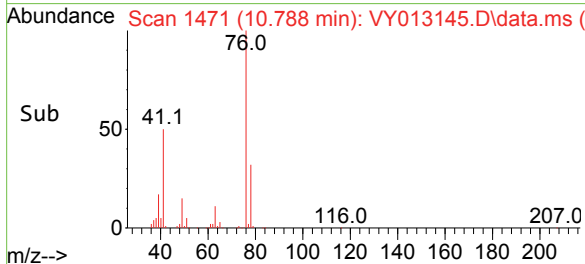
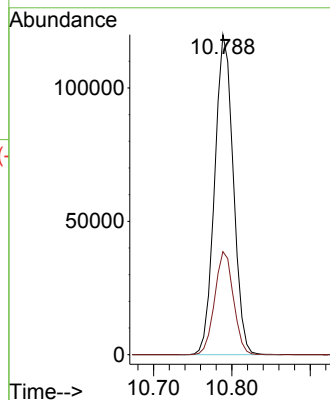
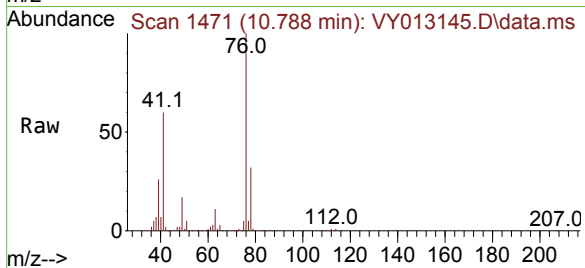
VSTDIC100

Tgt Ion: 76 Resp: 198117

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 513.449 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013145.D

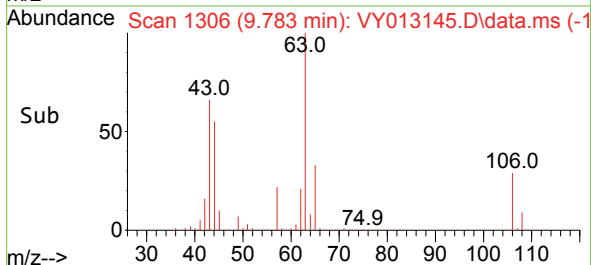
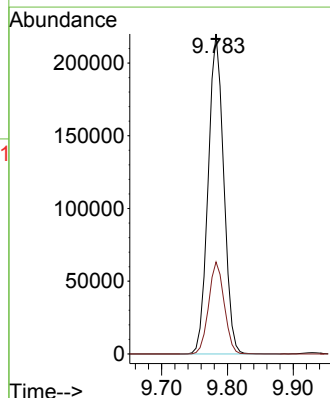
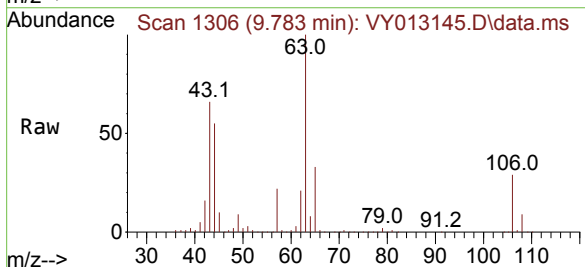
Acq: 30 Mar 2023 11:44

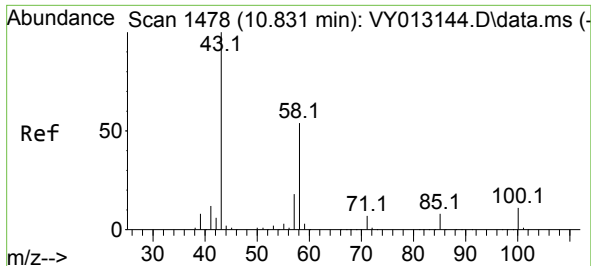
Tgt Ion: 63 Resp: 361127

Ion Ratio Lower Upper

63 100

106 28.7 22.1 33.1

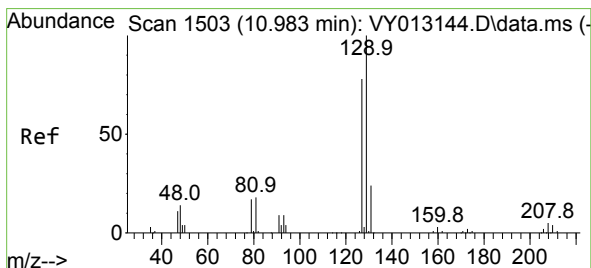
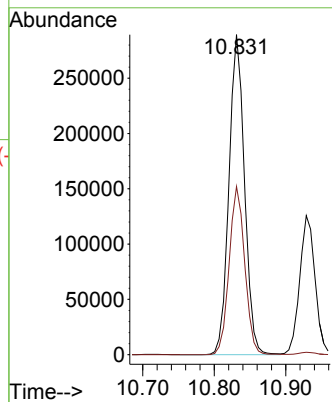
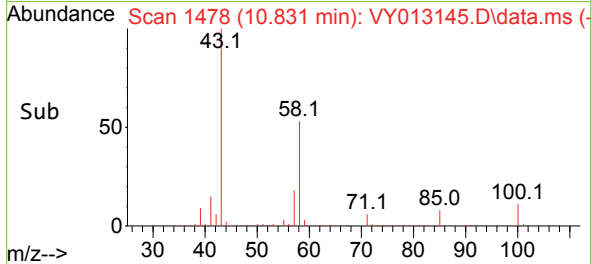
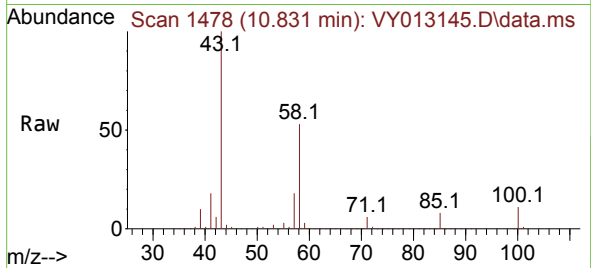




#59
2-Hexanone
Concen: 527.902 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

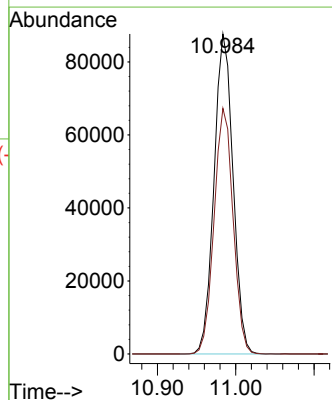
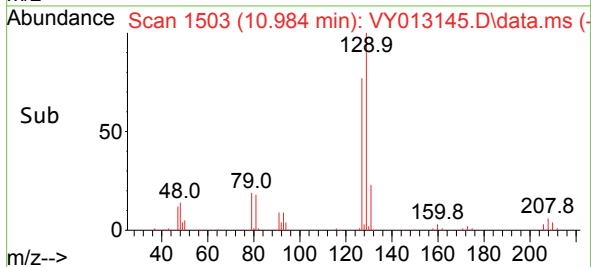
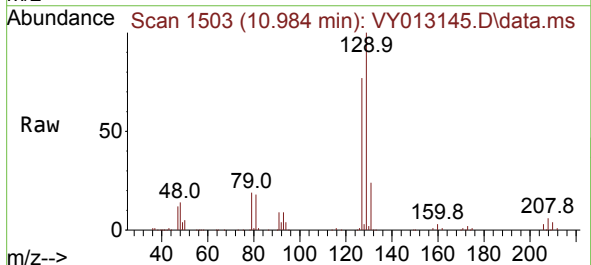
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

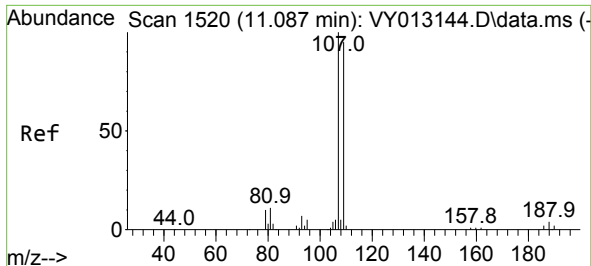
Tgt Ion: 43 Resp: 436450
Ion Ratio Lower Upper
43 100
58 52.7 25.9 77.8



#60
Dibromochloromethane
Concen: 98.208 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion:129 Resp: 147569
Ion Ratio Lower Upper
129 100
127 76.8 38.7 116.1

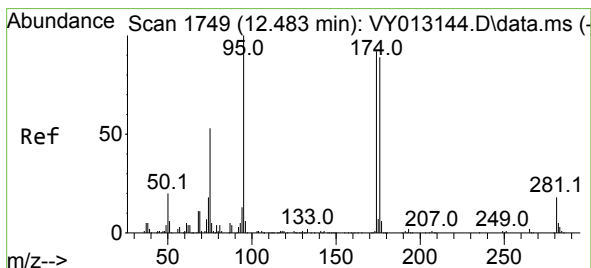
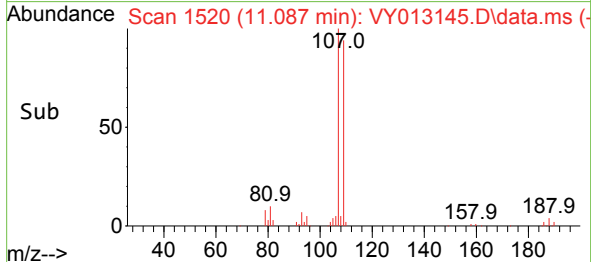
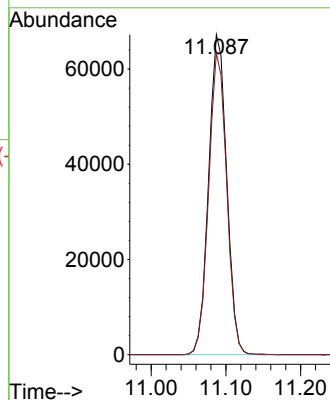
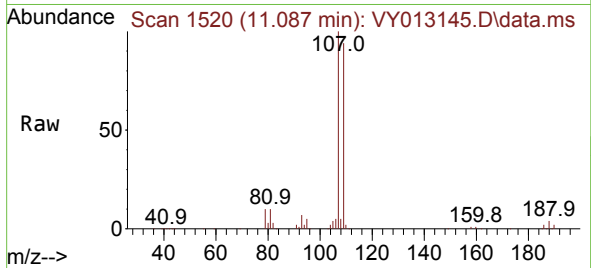




#61
1,2-Dibromoethane
Concen: 97.491 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

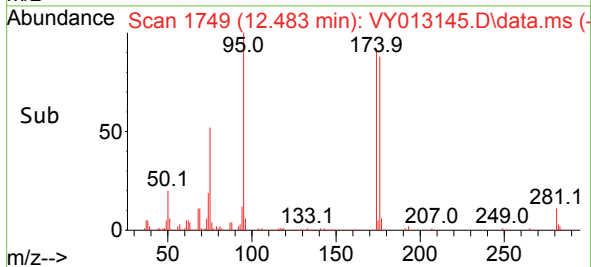
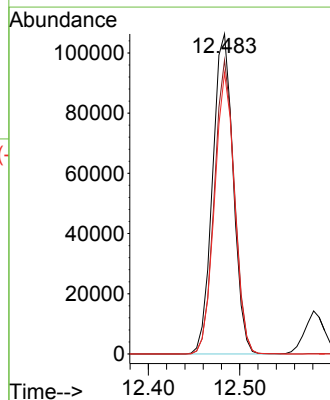
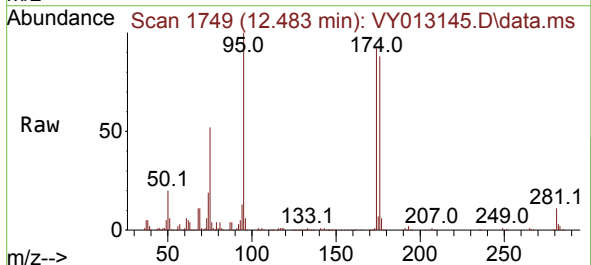
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

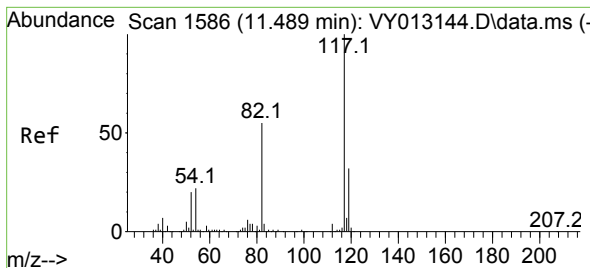
Tgt Ion:107 Resp: 113009
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 97.975 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 95 Resp: 166594
Ion Ratio Lower Upper
95 100
174 89.6 0.0 176.6
176 85.8 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

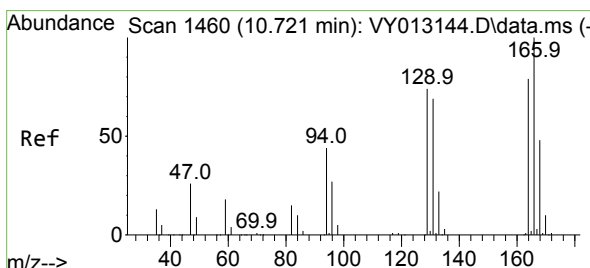
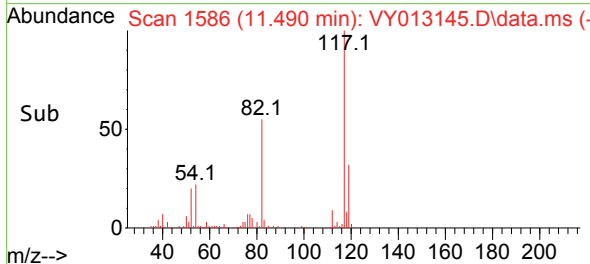
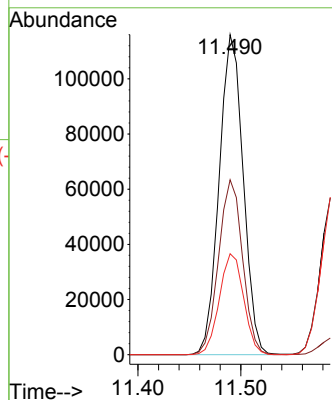
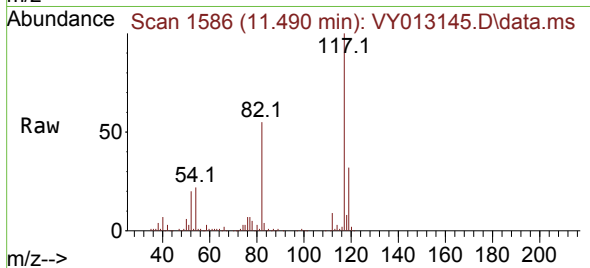
Tgt Ion:117 Resp: 188345

Ion Ratio Lower Upper

117 100

82 54.6 45.4 68.0

119 31.6 25.6 38.4



#64

Tetrachloroethene

Concen: 98.436 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Tgt Ion:164 Resp: 142532

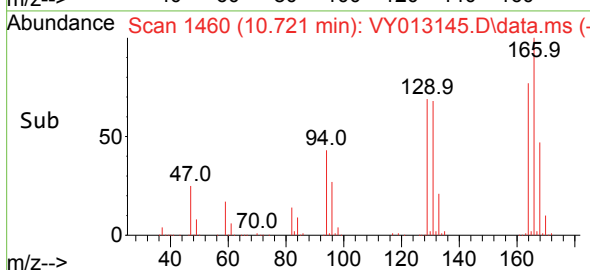
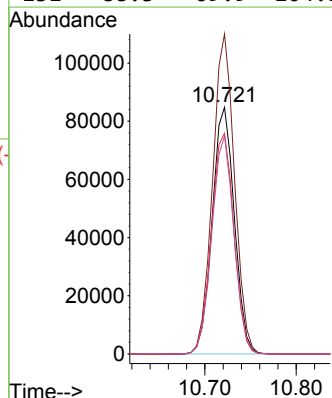
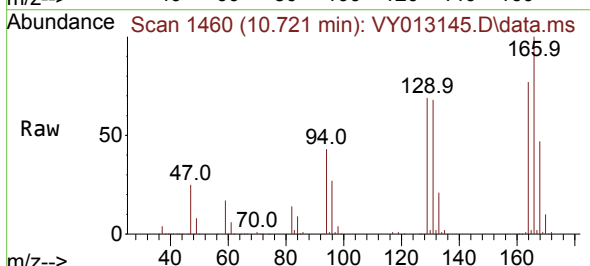
Ion Ratio Lower Upper

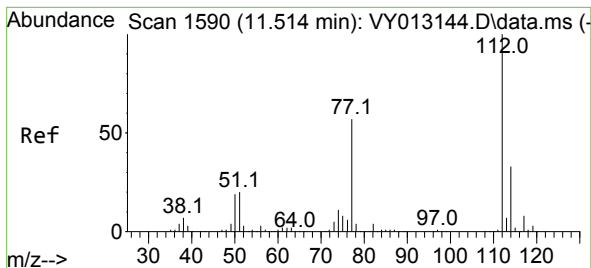
164 100

166 129.7 103.4 155.2

129 89.4 71.4 107.2

131 88.3 69.9 104.9





#65

Chlorobenzene

Concen: 98.728 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

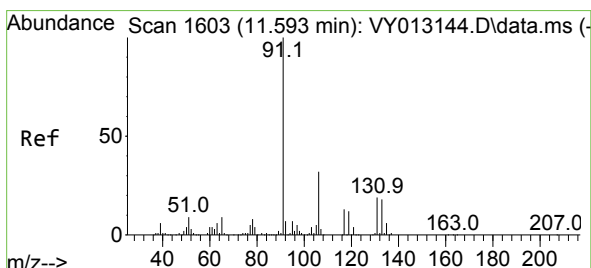
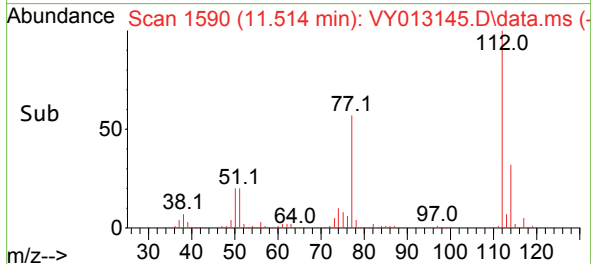
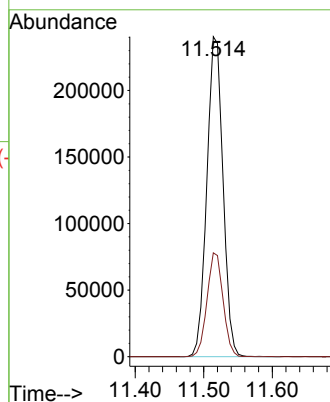
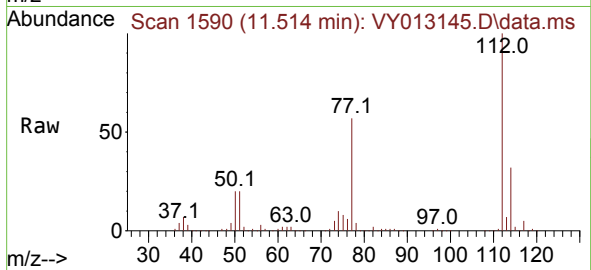
VSTDIC100

Tgt Ion:112 Resp: 394754

Ion Ratio Lower Upper

112 100

114 32.5 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 98.946 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

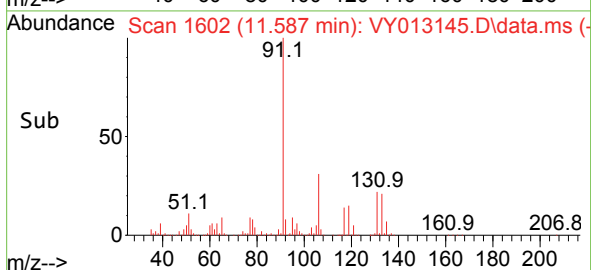
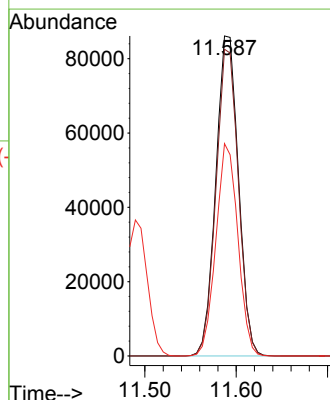
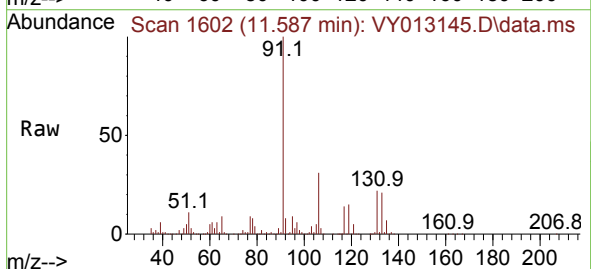
Tgt Ion:131 Resp: 148321

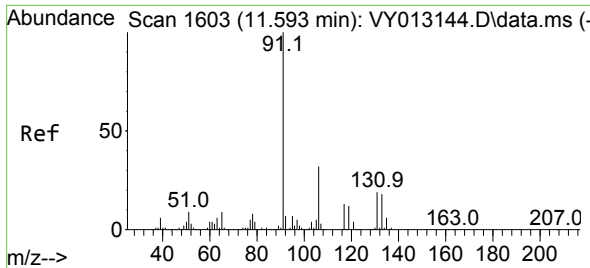
Ion Ratio Lower Upper

131 100

133 95.0 48.0 144.0

119 64.4 32.6 98.0

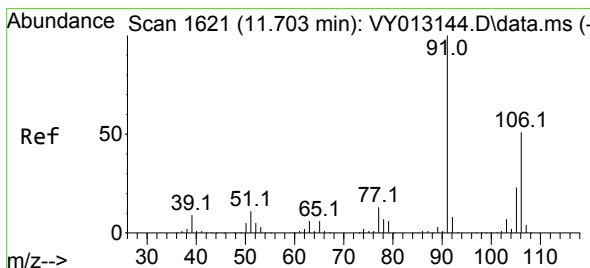
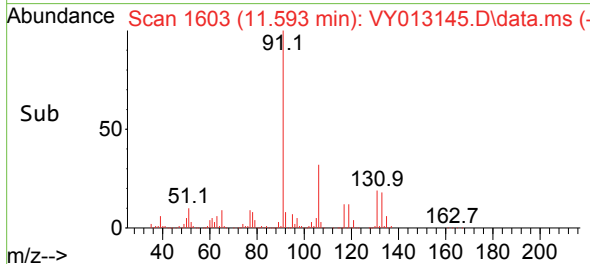
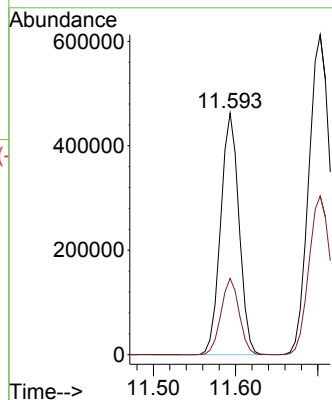
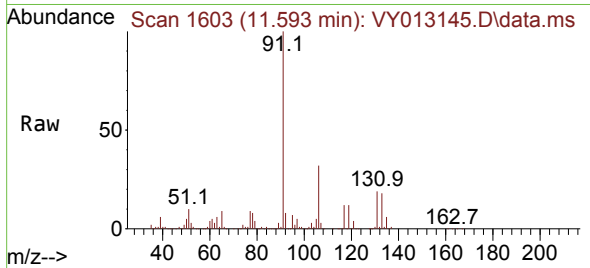




#67
Ethyl Benzene
Concen: 103.739 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

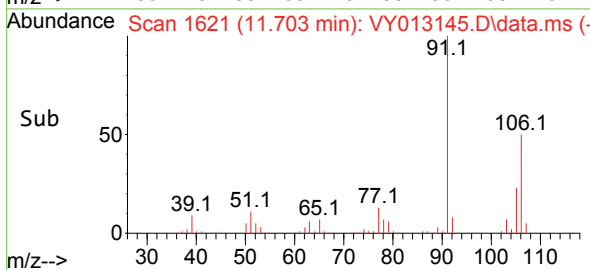
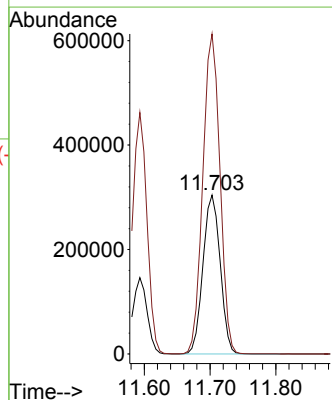
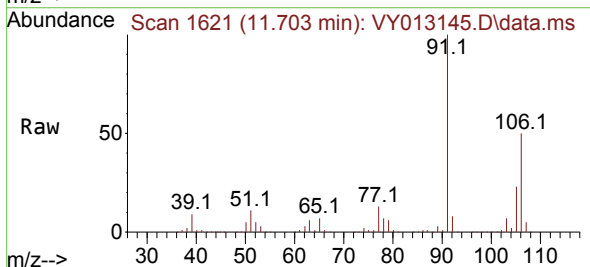
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

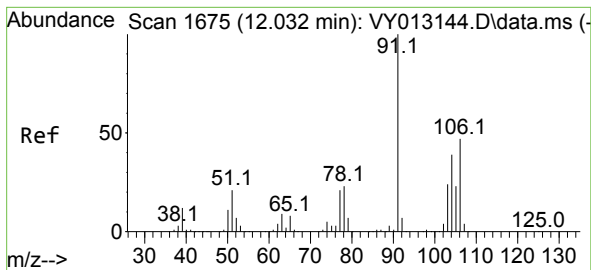
Tgt Ion: 91 Resp: 716395
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



#68
m/p-Xylenes
Concen: 207.575 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion:106 Resp: 554517
Ion Ratio Lower Upper
106 100
91 200.1 159.8 239.8

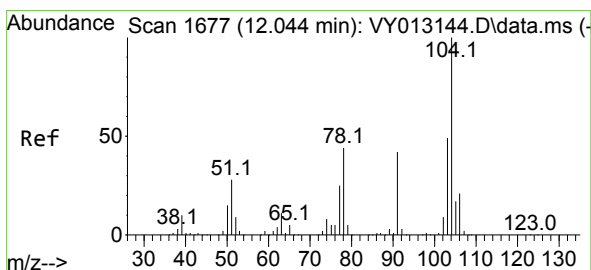
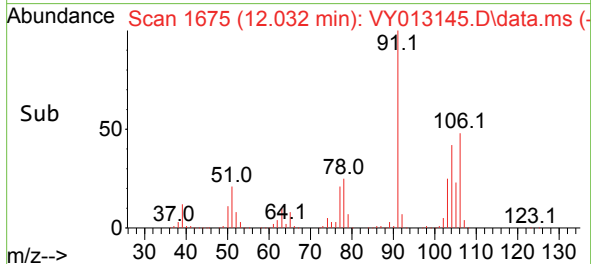
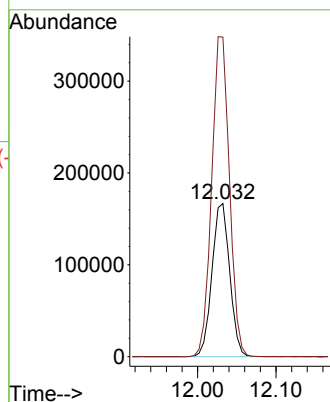
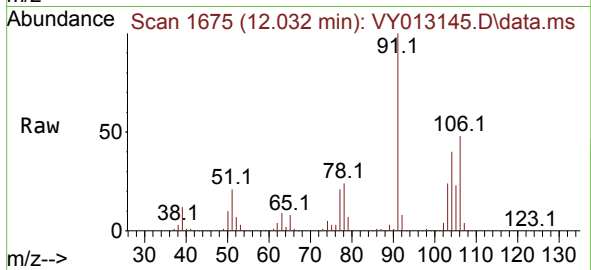




#69
o-Xylene
Concen: 105.637 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

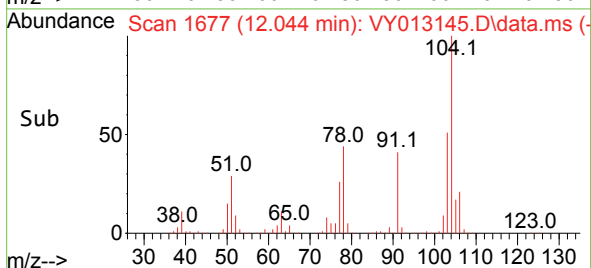
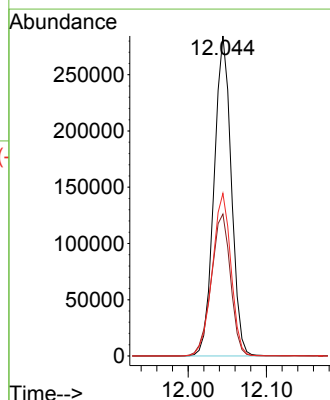
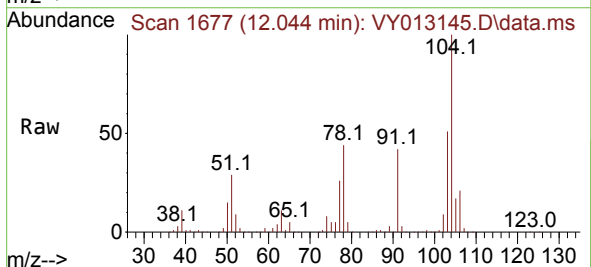
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

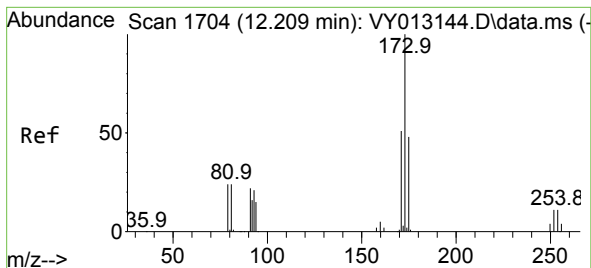
Tgt Ion:106 Resp: 261753
Ion Ratio Lower Upper
106 100
91 209.5 107.2 321.6



#70
Styrene
Concen: 105.018 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion:104 Resp: 435301
Ion Ratio Lower Upper
104 100
78 49.5 39.2 58.8
103 55.0 43.7 65.5





#71

Bromoform

Concen: 101.051 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

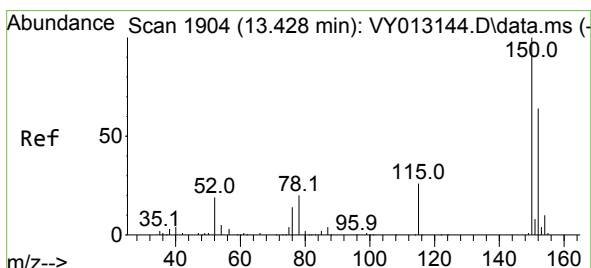
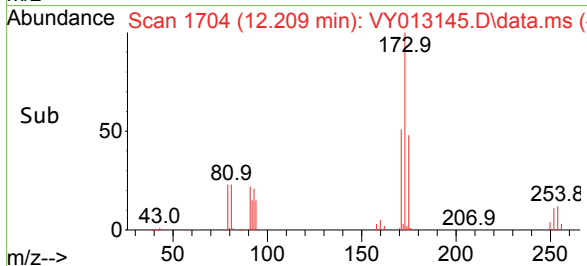
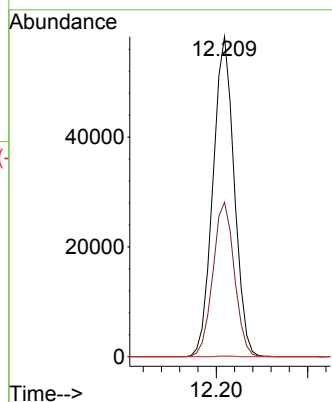
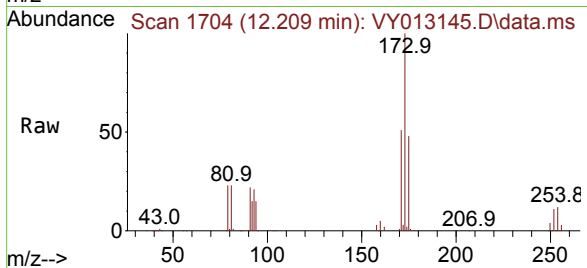
Tgt Ion:173 Resp: 93929

Ion Ratio Lower Upper

173 100

175 48.7 25.0 75.0

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

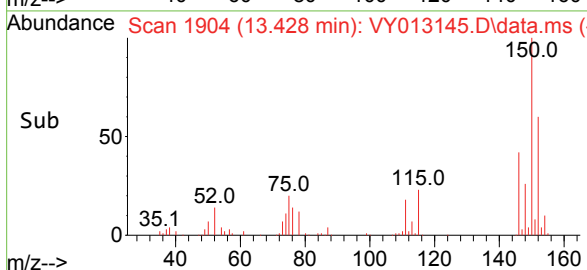
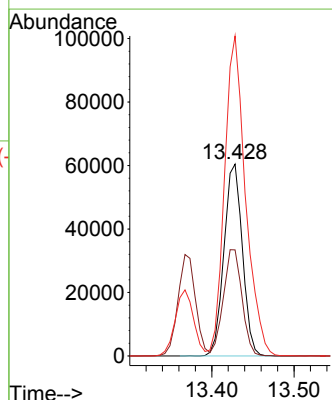
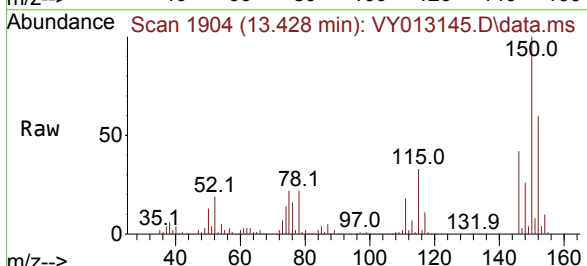
Tgt Ion:152 Resp: 94299

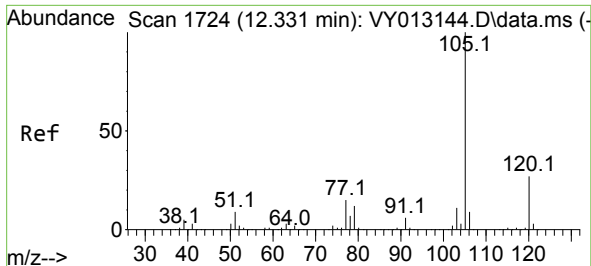
Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 190.4 0.0 347.8

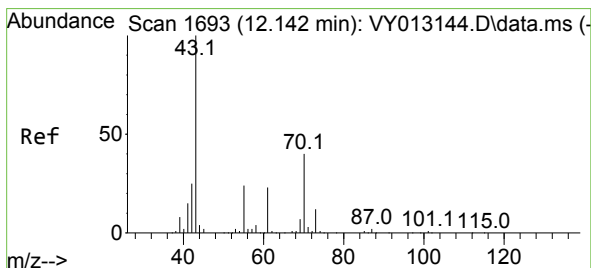
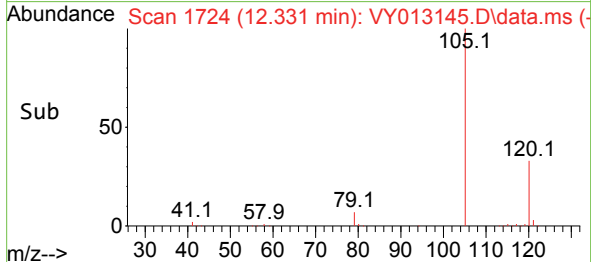
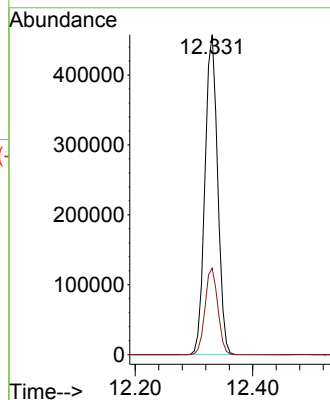
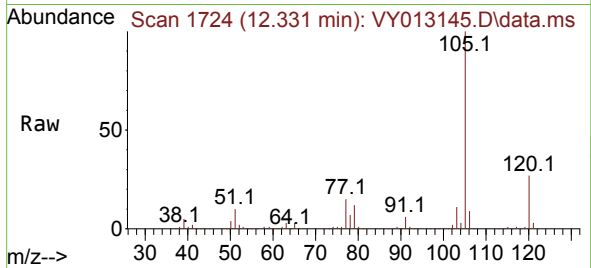




#73
Isopropylbenzene
Concen: 105.425 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

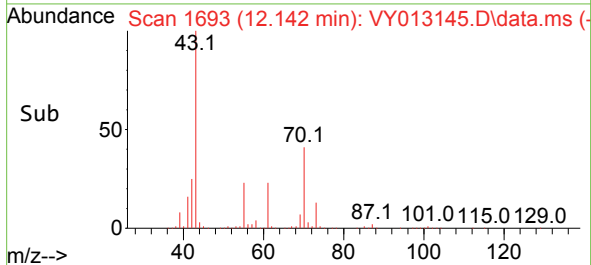
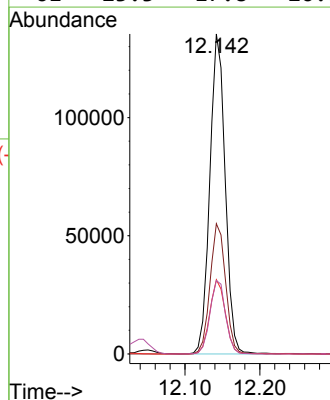
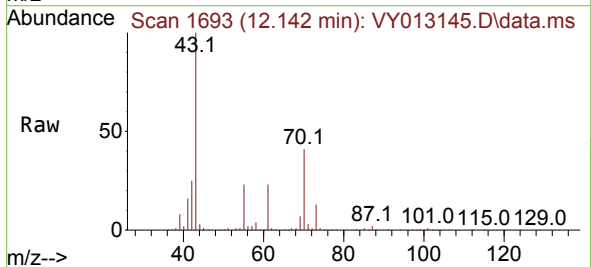
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

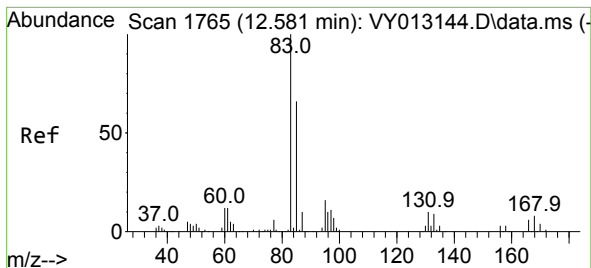
Tgt Ion:105 Resp: 686239
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2



#74
N-ethyl acetate
Concen: 108.126 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 43 Resp: 193244
Ion Ratio Lower Upper
43 100
70 41.2 31.6 47.4
55 23.5 18.8 28.2
61 23.3 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 96.468 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

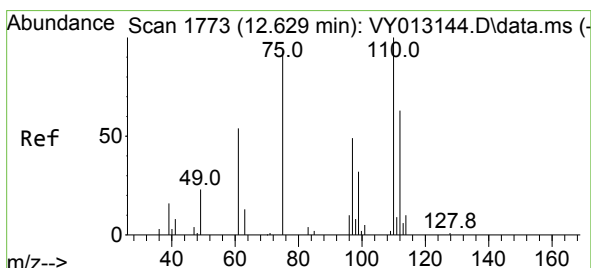
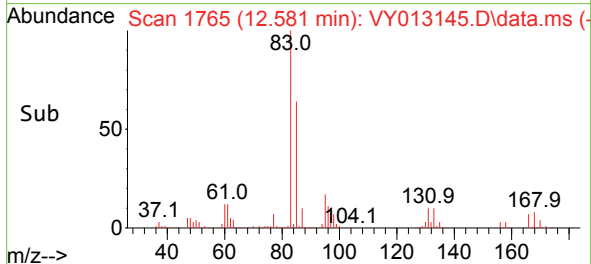
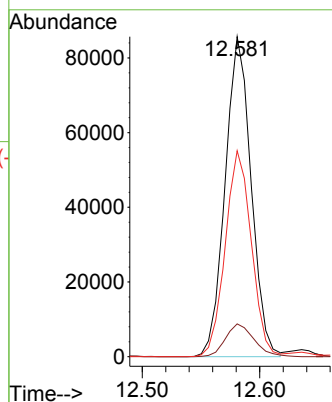
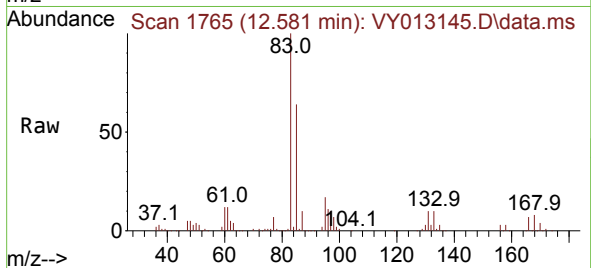
Tgt Ion: 83 Resp: 131532

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.2

85 64.7 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 167.964 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY013145.D

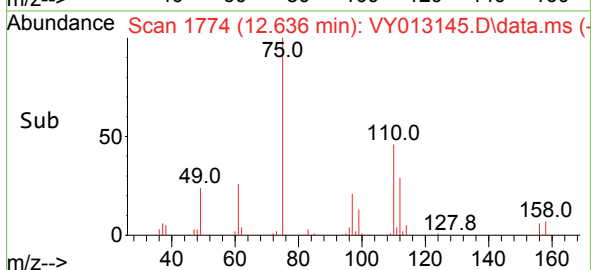
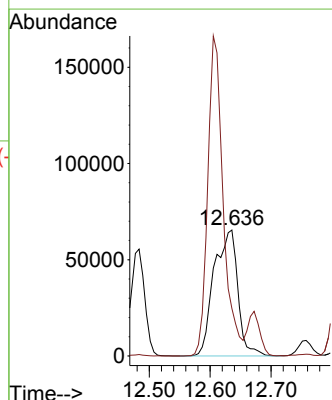
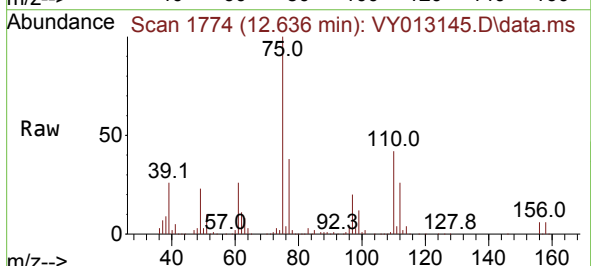
Acq: 30 Mar 2023 11:44

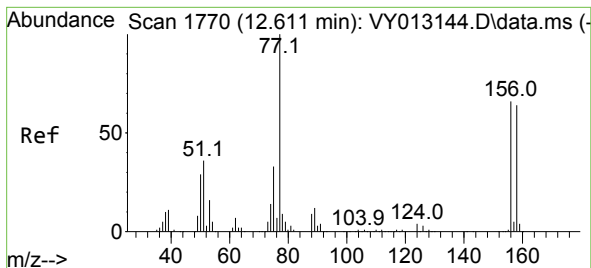
Tgt Ion: 75 Resp: 177885

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 101.529 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

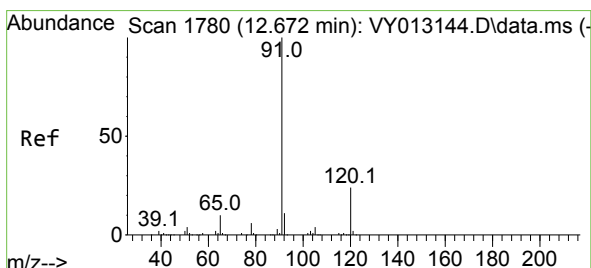
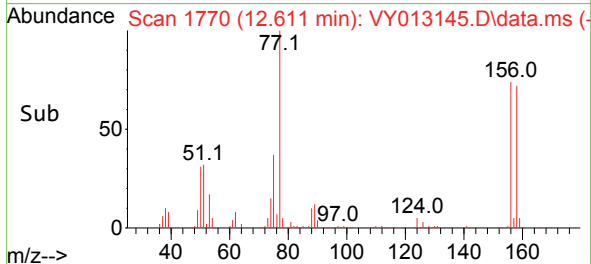
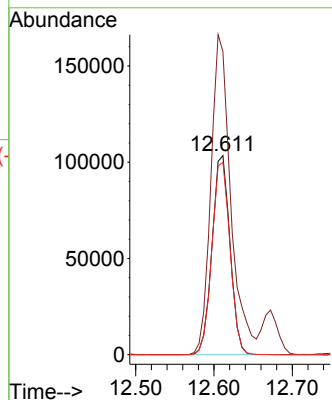
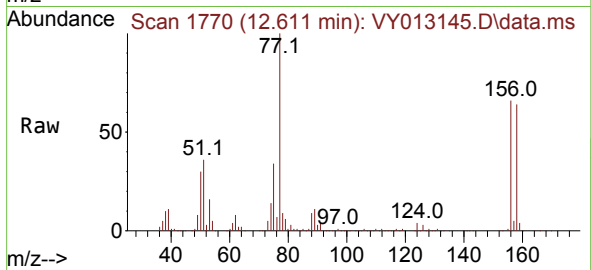
Tgt Ion:156 Resp: 164308

Ion Ratio Lower Upper

156 100

77 178.8 94.0 282.1

158 97.7 48.1 144.4



#78

n-propylbenzene

Concen: 104.617 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013145.D

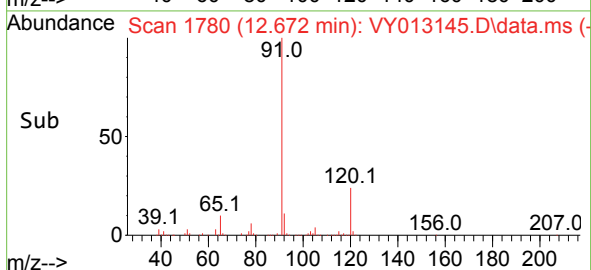
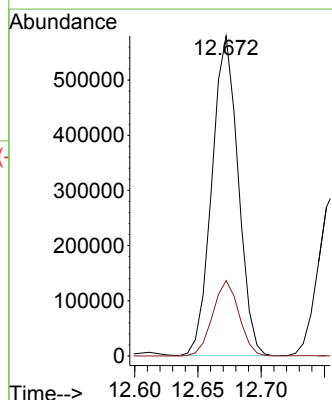
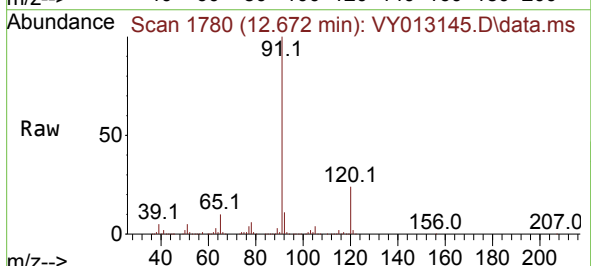
Acq: 30 Mar 2023 11:44

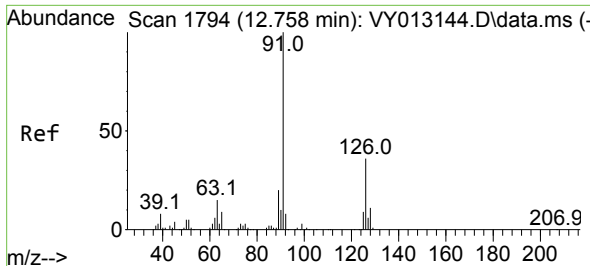
Tgt Ion: 91 Resp: 837296

Ion Ratio Lower Upper

91 100

120 23.5 11.6 34.8

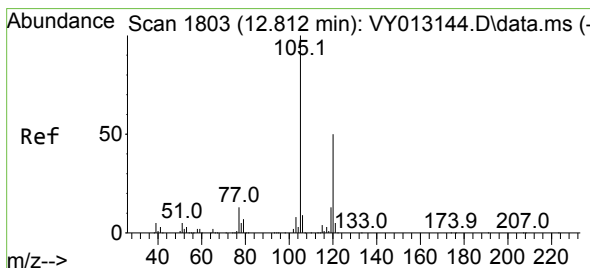
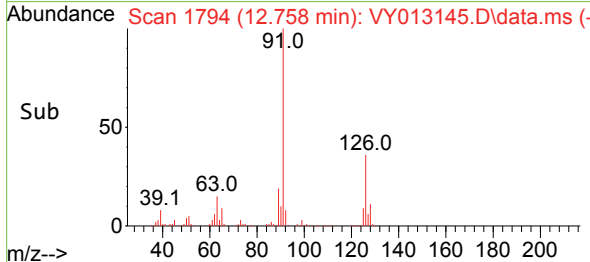
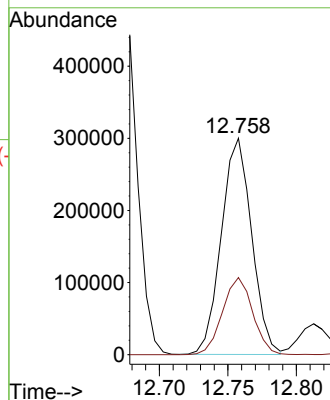
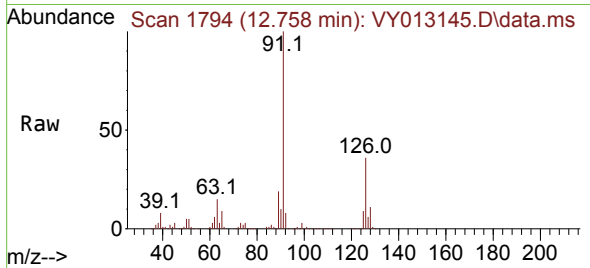




#79
2-Chlorotoluene
Concen: 101.871 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

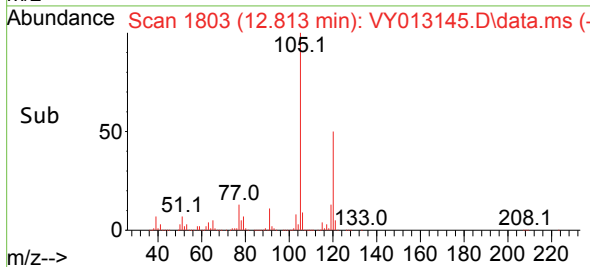
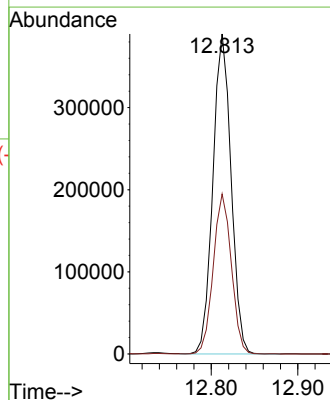
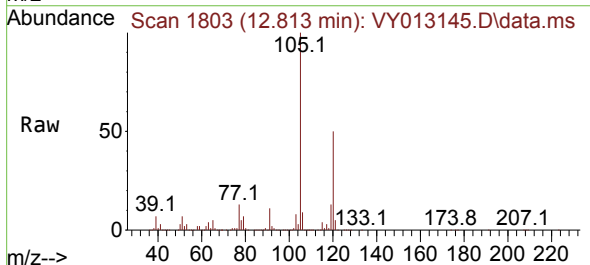
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

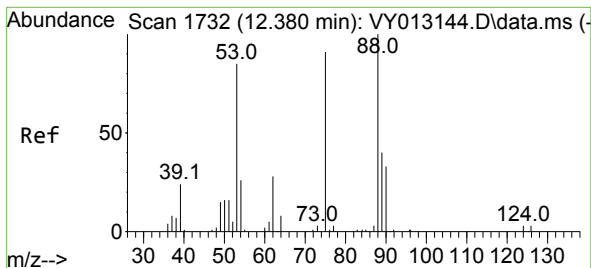
Tgt Ion: 91 Resp: 462650
Ion Ratio Lower Upper
91 100
126 35.5 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 104.422 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 105 Resp: 568273
Ion Ratio Lower Upper
105 100
120 49.8 24.8 74.4

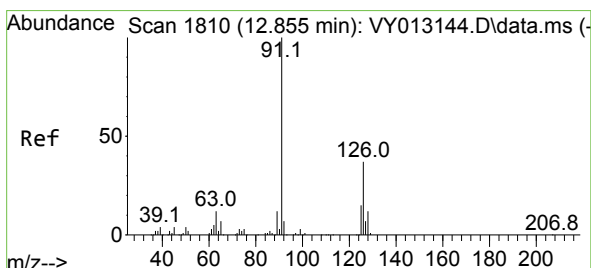
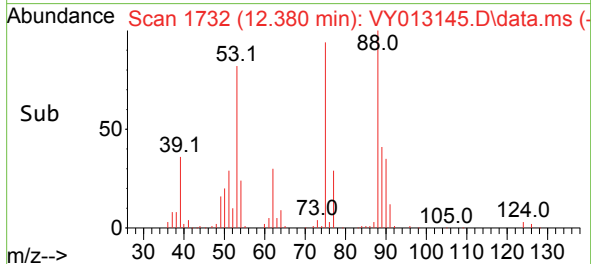
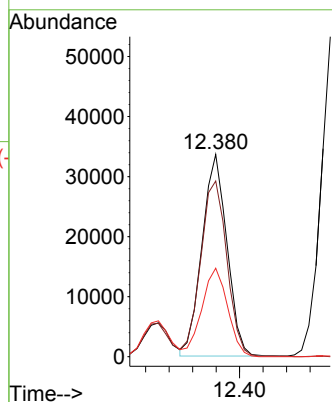
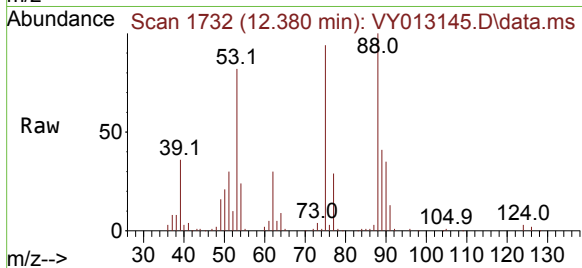




#81
trans-1,4-Dichloro-2-butene
Concen: 104.329 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

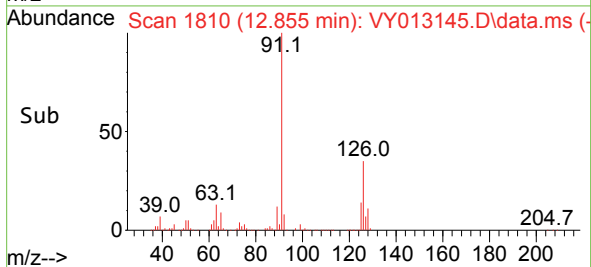
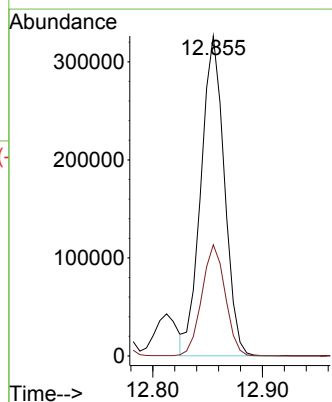
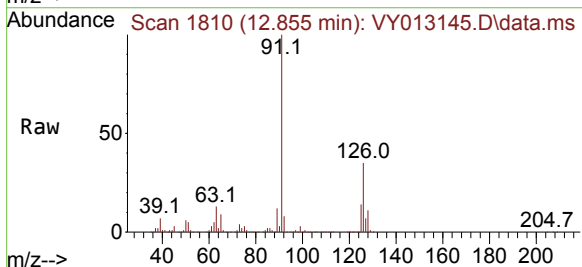
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

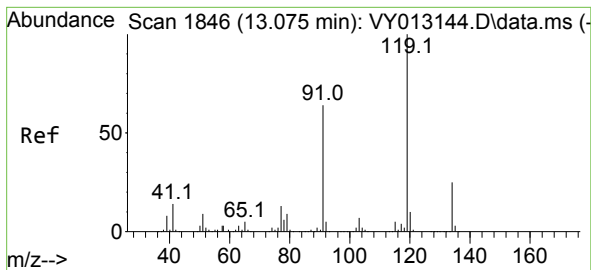
Tgt Ion: 75 Resp: 49558
Ion Ratio Lower Upper
75 100
53 92.0 73.4 110.0
89 45.7 36.6 55.0



#82
4-Chlorotoluene
Concen: 102.253 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion: 91 Resp: 483298
Ion Ratio Lower Upper
91 100
126 34.8 17.7 53.1





#83

tert-Butylbenzene

Concen: 105.832 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

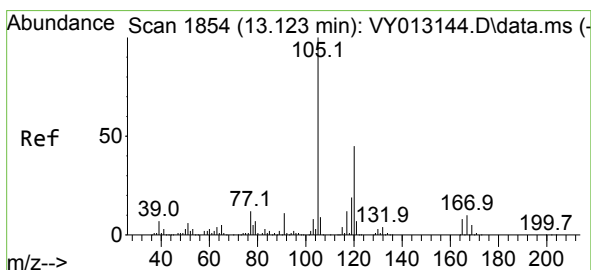
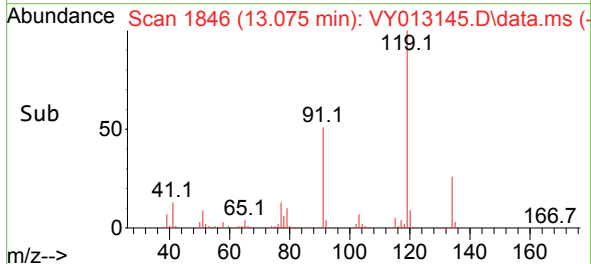
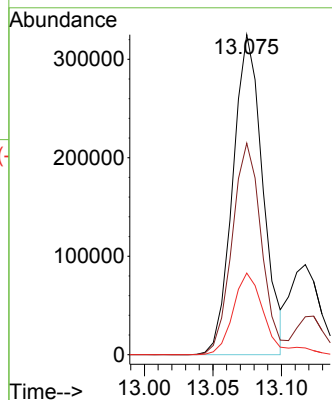
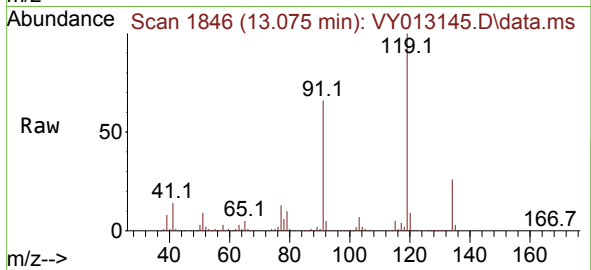
Tgt Ion:119 Resp: 494689

Ion Ratio Lower Upper

119 100

91 65.4 32.8 98.3

134 27.0 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 104.485 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY013145.D

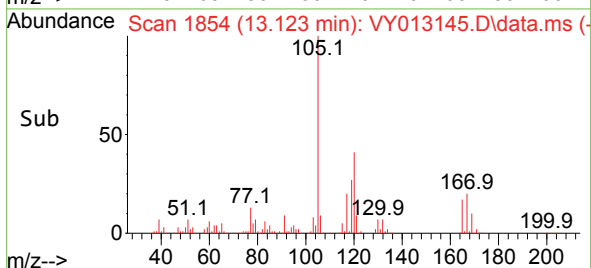
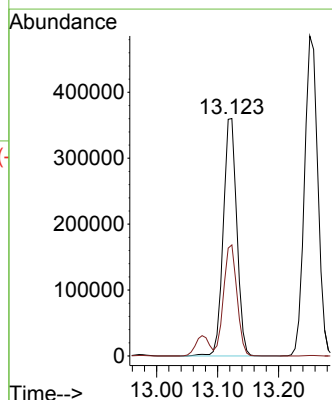
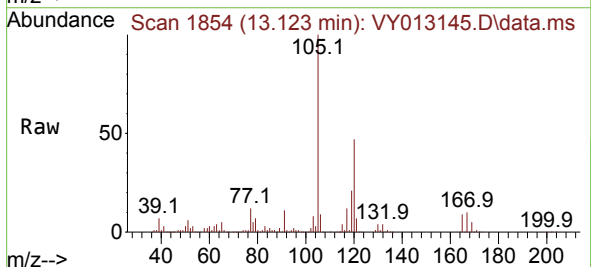
Acq: 30 Mar 2023 11:44

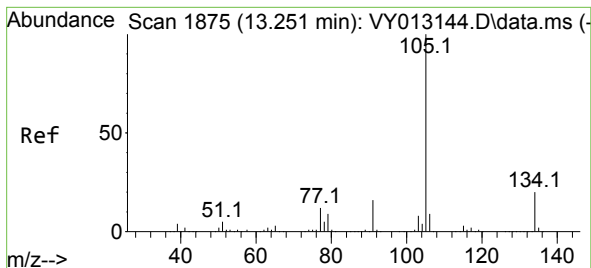
Tgt Ion:105 Resp: 556853

Ion Ratio Lower Upper

105 100

120 46.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 104.350 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

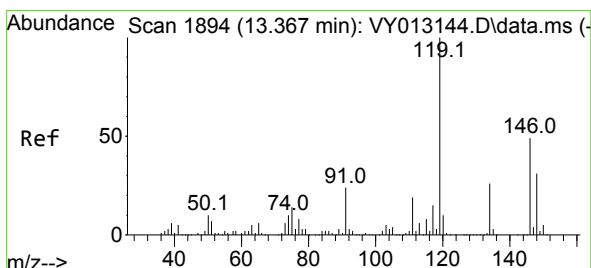
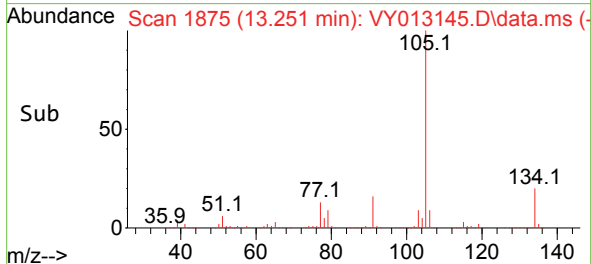
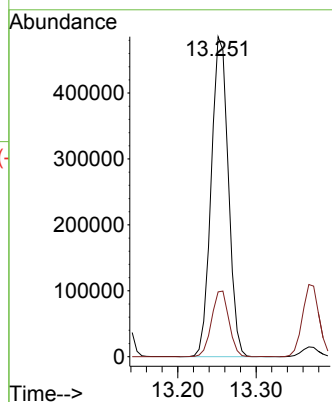
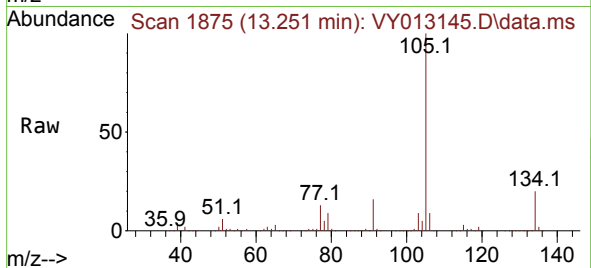
VSTDICC100

Tgt Ion:105 Resp: 736485

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1



#86

p-Isopropyltoluene

Concen: 105.258 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

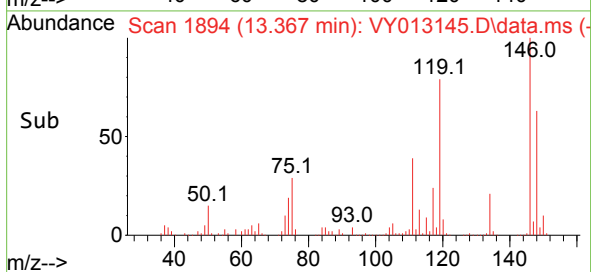
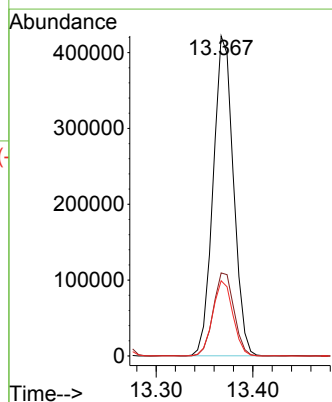
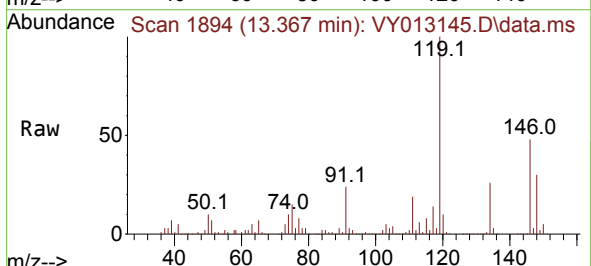
Tgt Ion:119 Resp: 611577

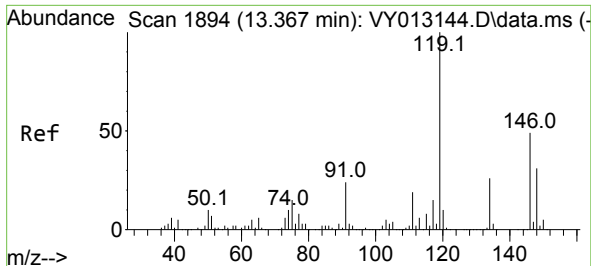
Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.6

91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 98.645 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

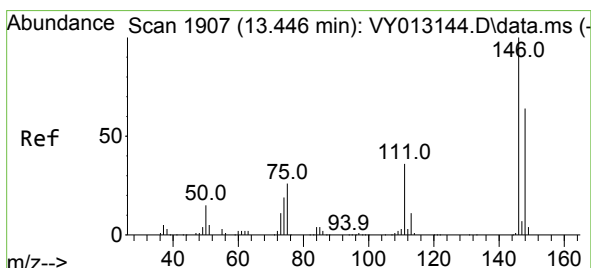
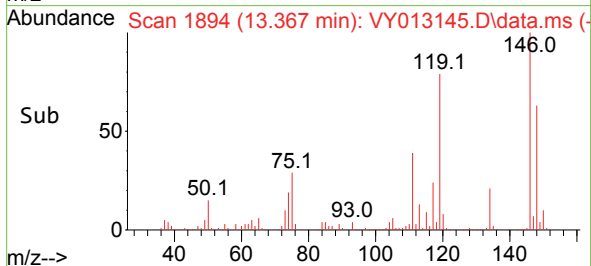
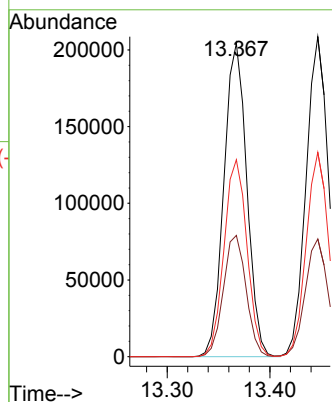
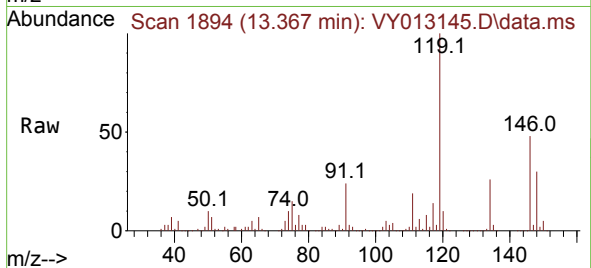
Tgt Ion:146 Resp: 316459

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.5

148 63.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 98.565 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

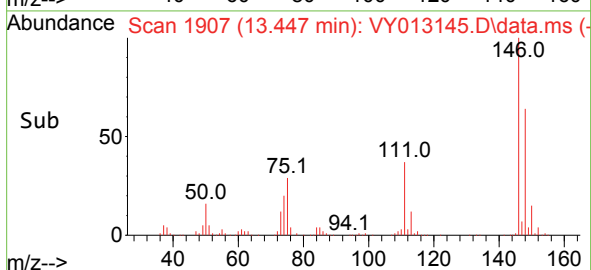
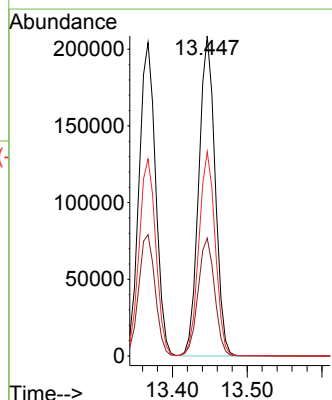
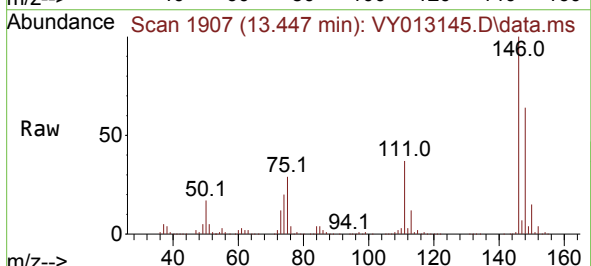
Tgt Ion:146 Resp: 316856

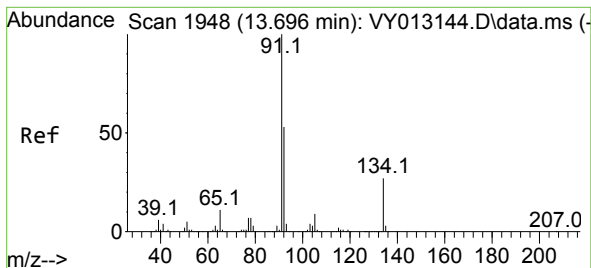
Ion Ratio Lower Upper

146 100

111 37.0 18.6 55.8

148 63.6 31.5 94.5





#89

n-Butylbenzene

Concen: 105.369 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

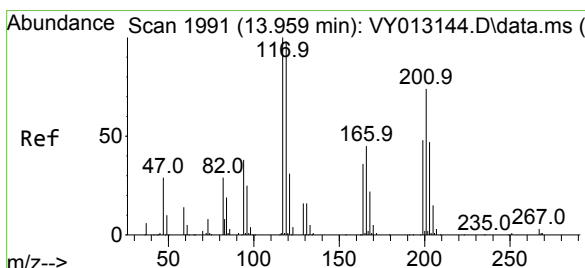
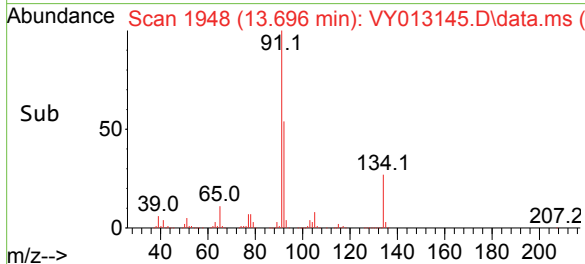
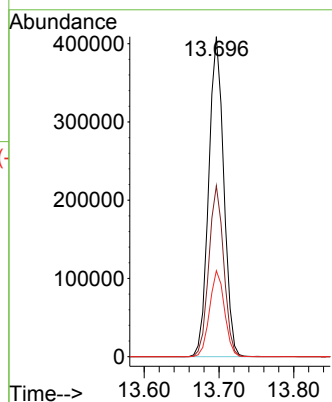
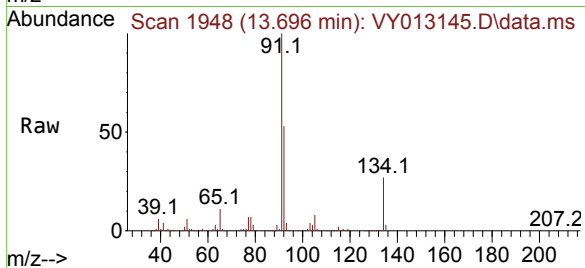
Tgt Ion: 91 Resp: 572327

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.0

134 26.5 13.0 38.9



#90

Hexachloroethane

Concen: 99.363 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013145.D

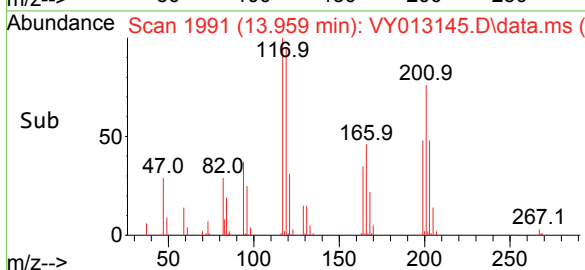
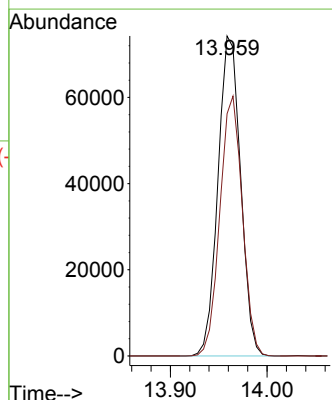
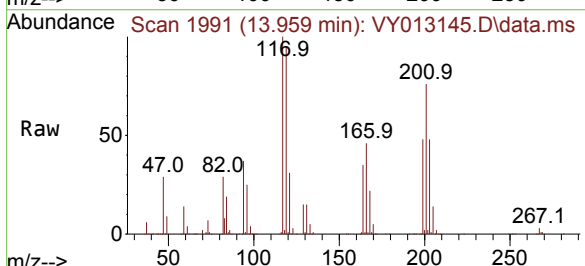
Acq: 30 Mar 2023 11:44

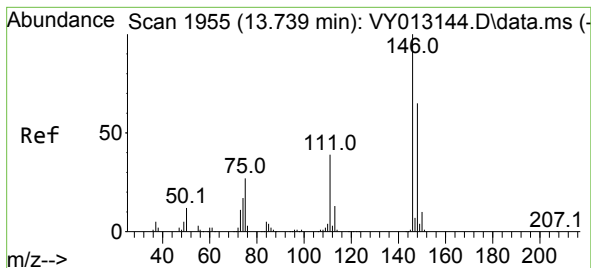
Tgt Ion: 117 Resp: 120268

Ion Ratio Lower Upper

117 100

201 80.8 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 98.196 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

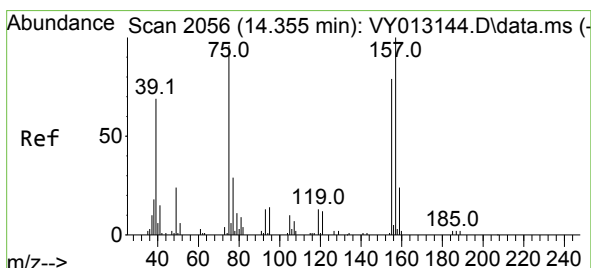
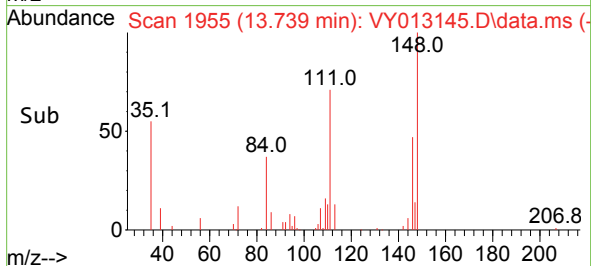
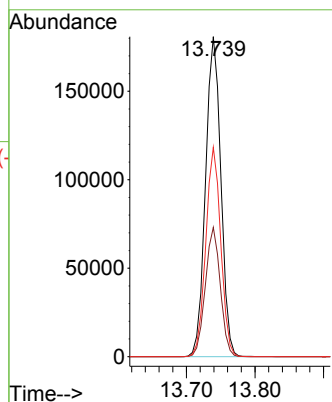
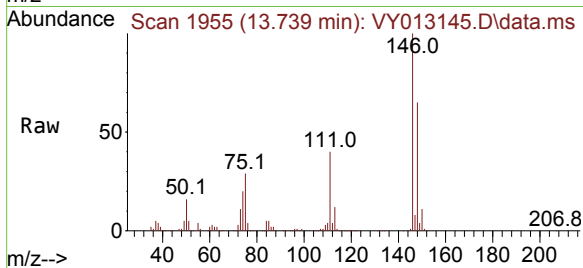
Tgt Ion:146 Resp: 281334

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.1

148 64.0 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 96.732 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

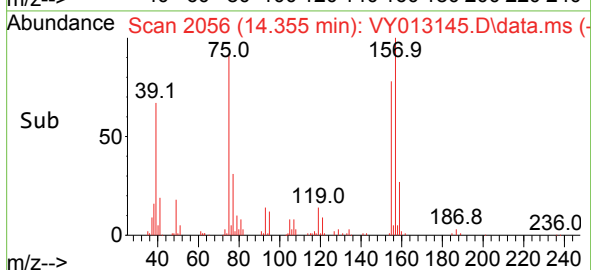
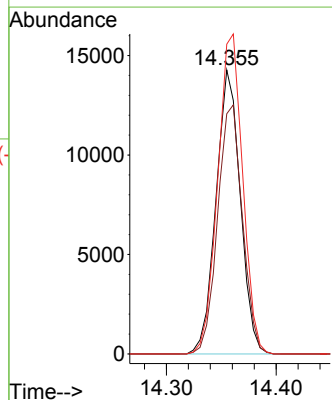
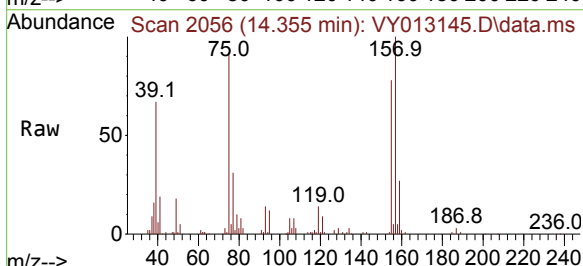
Tgt Ion: 75 Resp: 21947

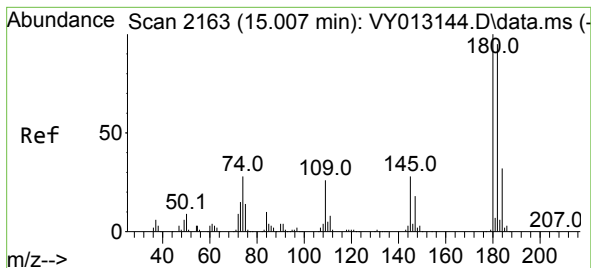
Ion Ratio Lower Upper

75 100

155 89.6 43.8 131.4

157 116.0 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 106.660 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

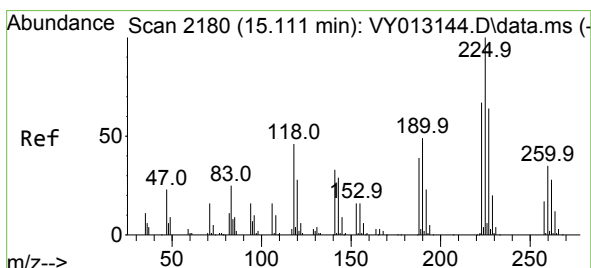
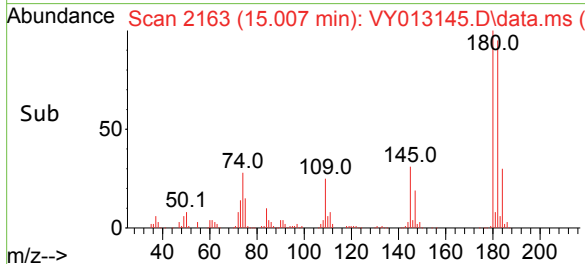
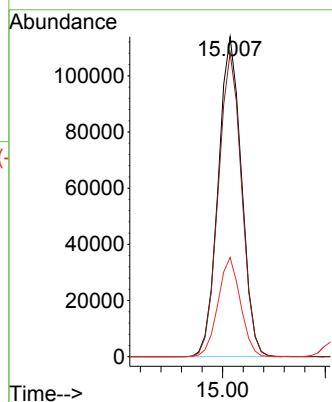
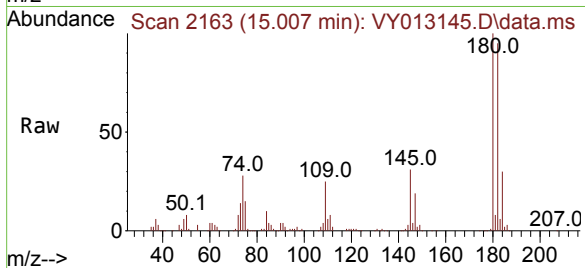
Tgt Ion:180 Resp: 178204

Ion Ratio Lower Upper

180 100

182 95.1 46.7 140.1

145 30.0 14.6 43.8



#94

Hexachlorobutadiene

Concen: 100.858 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013145.D

Acq: 30 Mar 2023 11:44

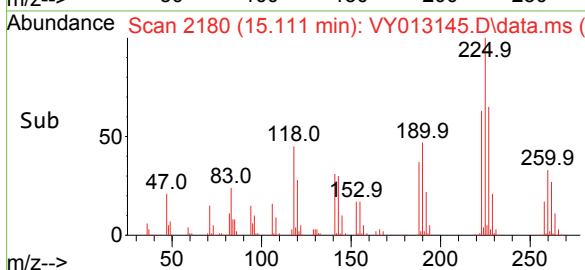
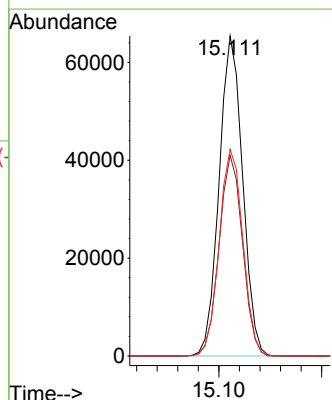
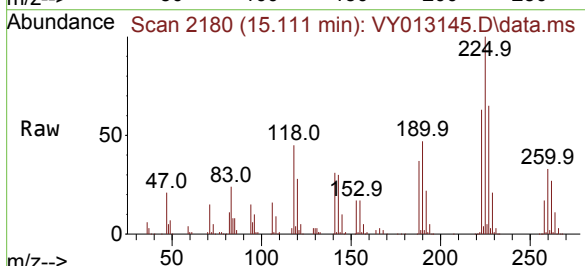
Tgt Ion:225 Resp: 103636

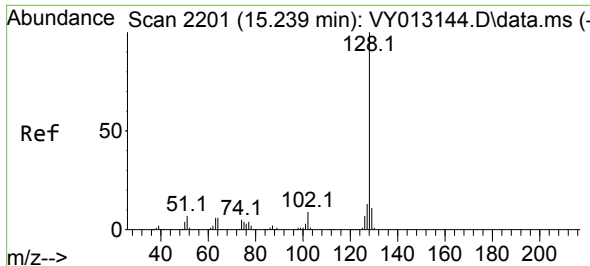
Ion Ratio Lower Upper

225 100

223 62.5 31.1 93.3

227 65.1 32.4 97.0

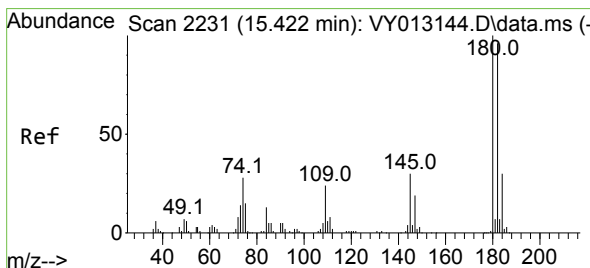
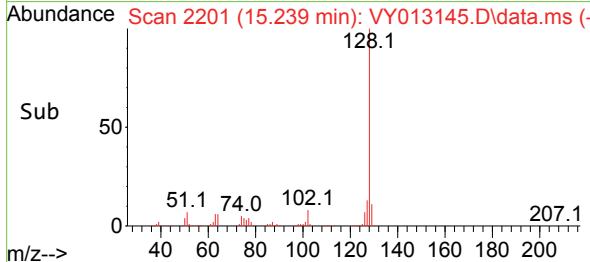
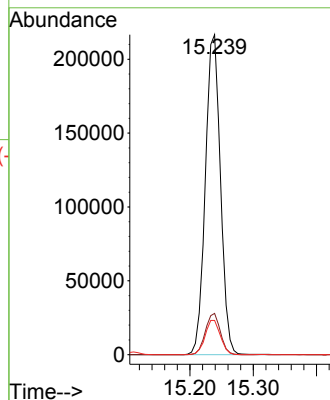
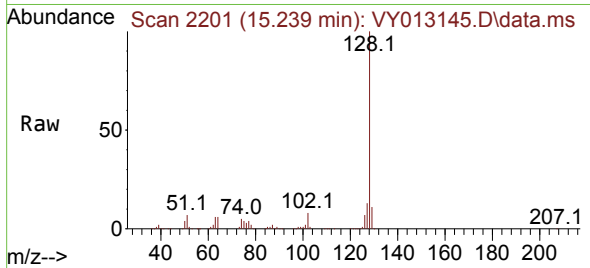




#95
Naphthalene
Concen: 98.448 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 360250
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 106.312 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY013145.D
Acq: 30 Mar 2023 11:44

Tgt Ion:180 Resp: 156493
Ion Ratio Lower Upper
180 100
182 95.1 47.4 142.3
145 31.4 15.3 45.8

