

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
 Data File : VY017411.D
 Acq On : 19 Feb 2024 18:12
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 20 06:08:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 05:58:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	169368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	266905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	237070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	115676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	155231	107.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 214.580%#	
35) Dibromofluoromethane	7.728	113	170837	109.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 218.700%#	
50) Toluene-d8	10.191	98	672404	110.969	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 221.940%#	
62) 4-Bromofluorobenzene	12.489	95	214911	104.396	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 208.800%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	120076	88.909	ug/l	100
3) Chloromethane	2.119	50	241113	87.478	ug/l	96
4) Vinyl Chloride	2.253	62	322142	89.767	ug/l	98
5) Bromomethane	2.650	94	258447	101.212	ug/l	100
6) Chloroethane	2.796	64	208318	91.126	ug/l	99
7) Trichlorofluoromethane	3.131	101	286028	92.936	ug/l	96
8) Diethyl Ether	3.534	74	88351	101.567	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.906	101	164372	92.400	ug/l	99
10) Methyl Iodide	4.101	142	205429	108.513	ug/l	100
11) Tert butyl alcohol	4.972	59	54907	488.054	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	160164	95.789	ug/l	100
13) Acrolein	3.735	56	77206	512.828	ug/l	98
14) Allyl chloride	4.491	41	199095	98.239	ug/l	100
15) Acrylonitrile	5.174	53	184145	532.462	ug/l	100
16) Acetone	3.954	43	161634	515.819	ug/l	94
17) Carbon Disulfide	4.204	76	497731	93.700	ug/l	98
18) Methyl Acetate	4.491	43	77534	109.116	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	411072	108.839	ug/l	98
20) Methylene Chloride	4.729	84	182702	101.092	ug/l	98
21) trans-1,2-Dichloroethene	5.235	96	192092	99.328	ug/l	99
22) Diisopropyl ether	6.137	45	483964	103.827	ug/l	98
23) Vinyl Acetate	6.076	43	1517283	547.717	ug/l	100
24) 1,1-Dichloroethane	6.027	63	309714	98.005	ug/l	98
25) 2-Butanone	6.997	43	244173	555.122	ug/l	97
26) 2,2-Dichloropropane	6.997	77	270311	99.408	ug/l	98
27) cis-1,2-Dichloroethene	6.997	96	220627	102.714	ug/l	99
28) Bromochloromethane	7.344	49	122092	102.970	ug/l	99
29) Tetrahydrofuran	7.362	42	145711	563.524	ug/l	98
30) Chloroform	7.521	83	328258	98.399	ug/l	100
31) Cyclohexane	7.795	56	268404	93.706	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	288545	97.927	ug/l	99
36) 1,1-Dichloropropene	7.929	75	260447	99.813	ug/l	99
37) Ethyl Acetate	7.082	43	102580	107.964	ug/l	98
38) Carbon Tetrachloride	7.911	117	259338	99.824	ug/l	100
39) Methylcyclohexane	9.191	83	336985	105.504	ug/l	98
40) Benzene	8.173	78	776488	101.851	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	52463	113.064	ug/l	98
42) 1,2-Dichloroethane	8.246	62	190308	102.838	ug/l	99
43) Isopropyl Acetate	8.283	43	194294	113.159	ug/l	100
44) Trichloroethene	8.947	130	207686	100.502	ug/l	96
45) 1,2-Dichloropropane	9.222	63	182525	103.573	ug/l	99
46) Dibromomethane	9.313	93	106534	106.357	ug/l	100
47) Bromodichloromethane	9.508	83	255691	103.822	ug/l	98
48) Methyl methacrylate	9.301	41	92371	114.663	ug/l	97
49) 1,4-Dioxane	9.307	88	24627	2350.702	ug/l #	96
51) 4-Methyl-2-Pentanone	10.075	43	536471	579.862	ug/l	99
52) Toluene	10.252	92	503671	105.826	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	254711	111.695	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	300613	107.447	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	147550	107.060	ug/l	96
56) Ethyl methacrylate	10.514	69	192107	105.988	ug/l	98
57) 1,3-Dichloropropane	10.801	76	245605	107.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	456773	554.688	ug/l	99
59) 2-Hexanone	10.837	43	386486	606.495	ug/l	98
60) Dibromochloromethane	10.996	129	178727	109.092	ug/l	99
61) 1,2-Dibromoethane	11.099	107	140727	109.143	ug/l	99
64) Tetrachloroethene	10.728	164	190264	100.283	ug/l	99
65) Chlorobenzene	11.526	112	523612	102.525	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	202504	106.477	ug/l	98
67) Ethyl Benzene	11.599	91	979291	107.211	ug/l	98
68) m/p-Xylenes	11.709	106	773486	215.410	ug/l	99
69) o-Xylene	12.038	106	365157	110.849	ug/l	99
70) Styrene	12.050	104	614143	113.510	ug/l	99
71) Bromoform	12.215	173	110986	112.162	ug/l #	98
73) Isopropylbenzene	12.337	105	931101	104.205	ug/l	100
74) N-amyl acetate	12.148	43	177661	114.192	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	168020	105.213	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	206985	184.046	ug/l #	100
77) Bromobenzene	12.617	156	216920	103.513	ug/l	98
78) n-propylbenzene	12.678	91	1118807	103.519	ug/l	100
79) 2-Chlorotoluene	12.764	91	608165	102.195	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	755042	105.645	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	55993	116.398	ug/l	96
82) 4-Chlorotoluene	12.861	91	637135	103.751	ug/l	99
83) tert-Butylbenzene	13.081	119	662773	106.199	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	763639	107.853	ug/l	100
85) sec-Butylbenzene	13.258	105	1002949	104.631	ug/l	100
86) p-Isopropyltoluene	13.373	119	851021	107.792	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	443897	104.890	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	414880	101.530	ug/l	99
89) n-Butylbenzene	13.703	91	761952	106.115	ug/l	99
90) Hexachloroethane	13.965	117	156927	101.439	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	369216	103.648	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	21751	107.757	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	205686	110.431	ug/l	99
94) Hexachlorobutadiene	15.117	225	111989	98.859	ug/l	98
95) Naphthalene	15.245	128	385500	107.086	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	175823	112.284	ug/l	100

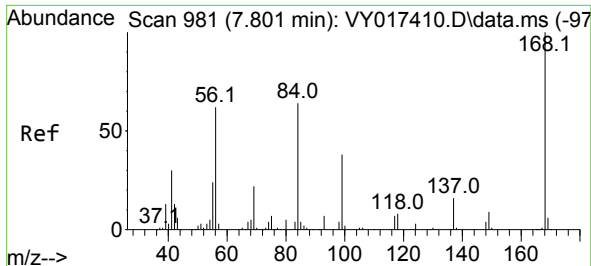
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Response via : Initial Calibration

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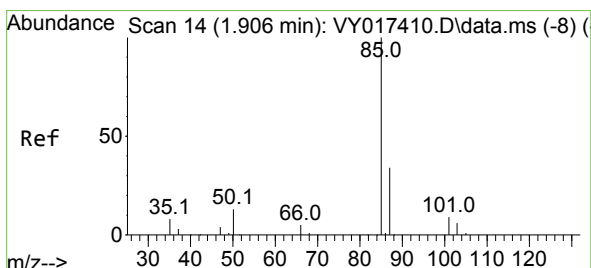
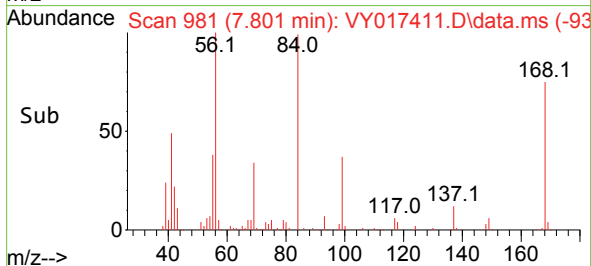
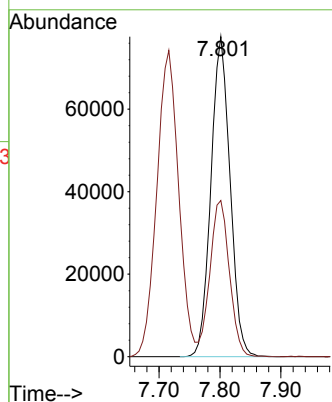
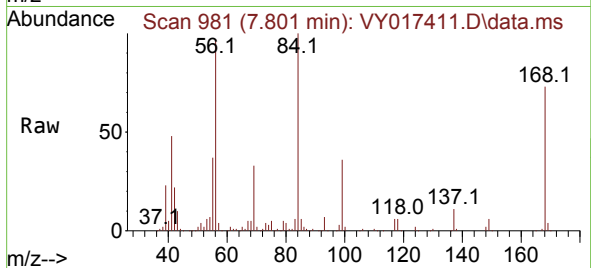
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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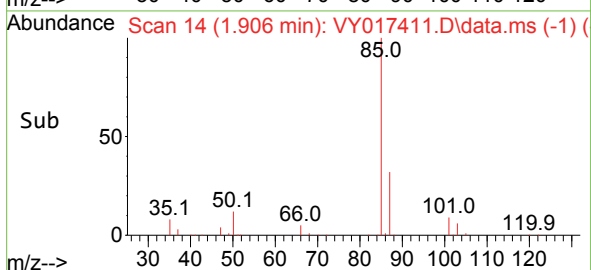
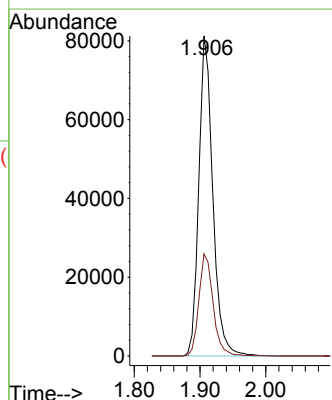
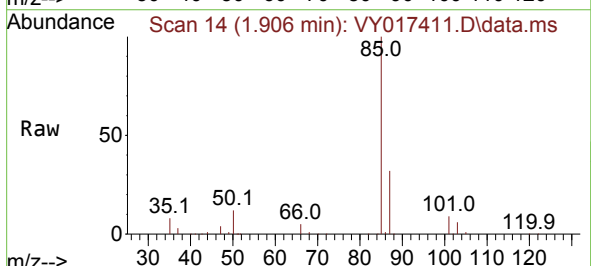
Instrument :
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VSTDICC100

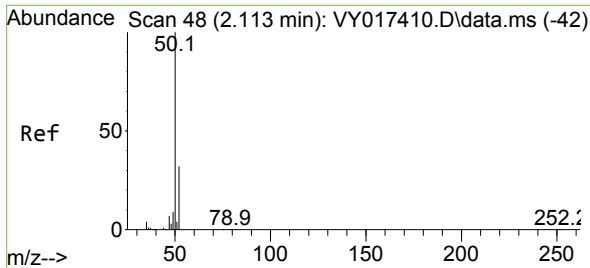
Tgt Ion:168 Resp: 169368
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 88.909 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 85 Resp: 120076
Ion Ratio Lower Upper
85 100
87 31.9 16.0 48.0

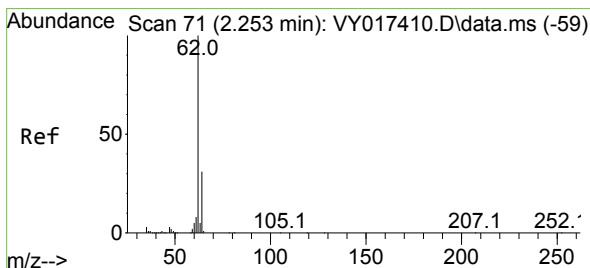
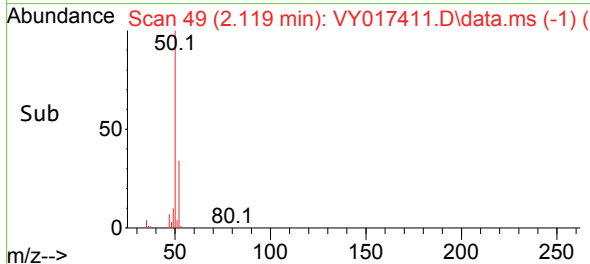
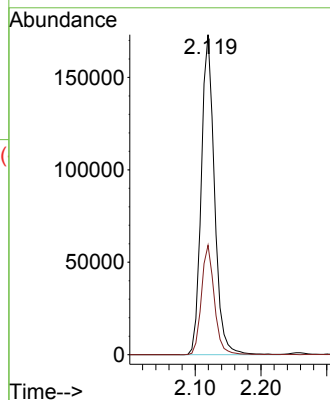
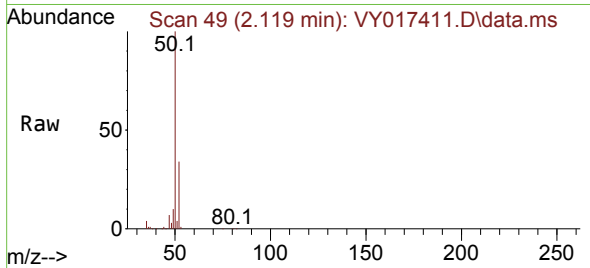




#3
Chloromethane
Concen: 87.478 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

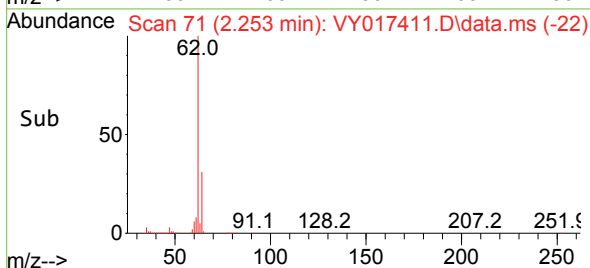
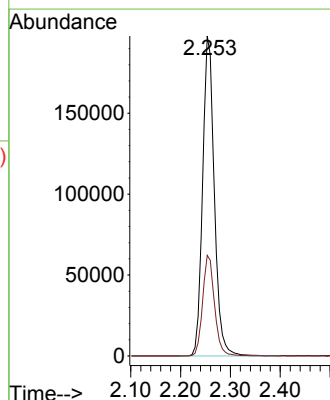
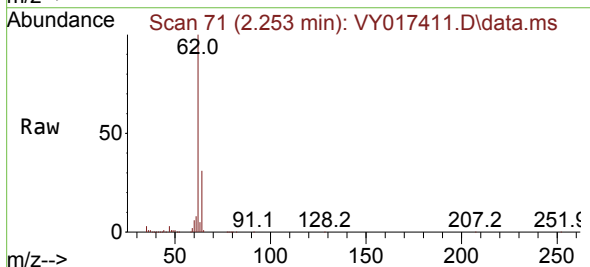
Instrument :
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ClientSampleId :
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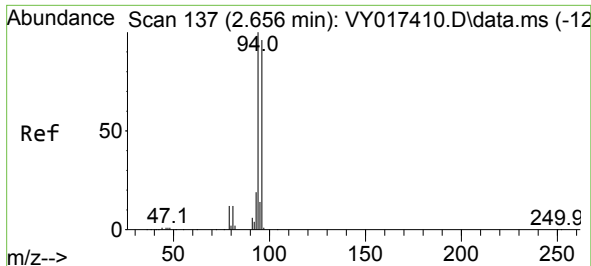
Tgt Ion: 50 Resp: 241113
Ion Ratio Lower Upper
50 100
52 34.2 25.6 38.4



#4
Vinyl Chloride
Concen: 89.767 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 62 Resp: 322142
Ion Ratio Lower Upper
62 100
64 31.4 26.1 39.1

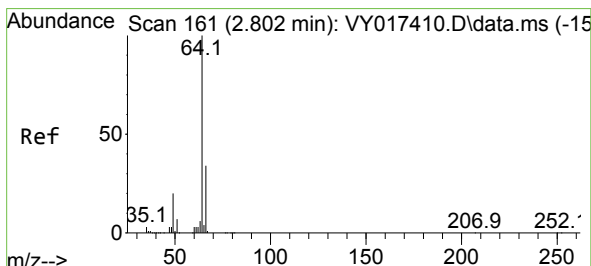
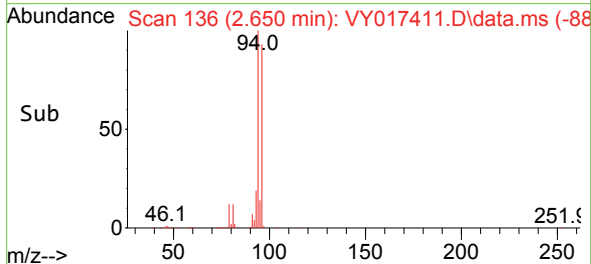
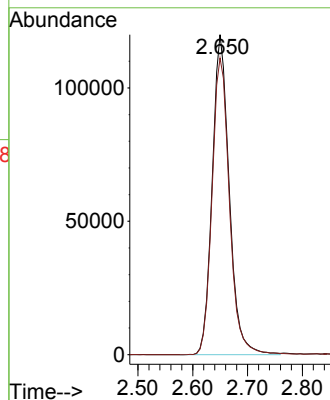
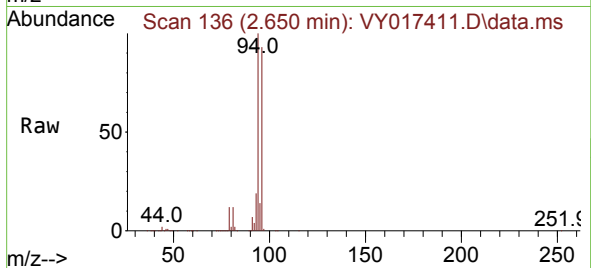




#5
Bromomethane
Concen: 101.212 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

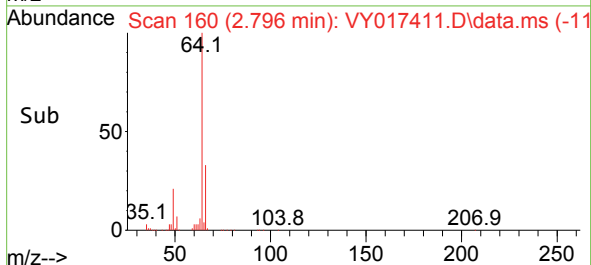
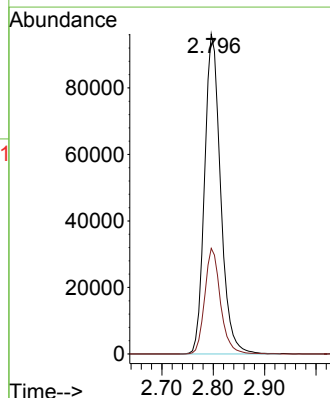
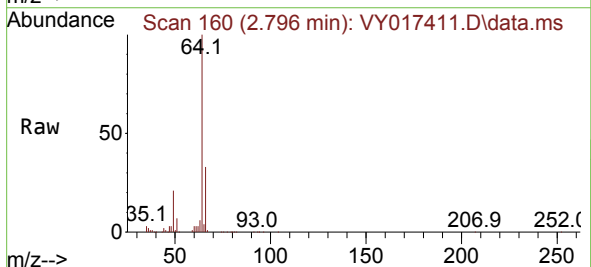
Instrument :
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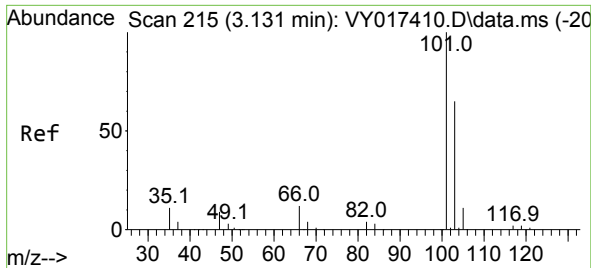
Tgt Ion: 94 Resp: 258447
Ion Ratio Lower Upper
94 100
96 92.7 74.1 111.1



#6
Chloroethane
Concen: 91.126 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 64 Resp: 208318
Ion Ratio Lower Upper
64 100
66 33.0 26.1 39.1

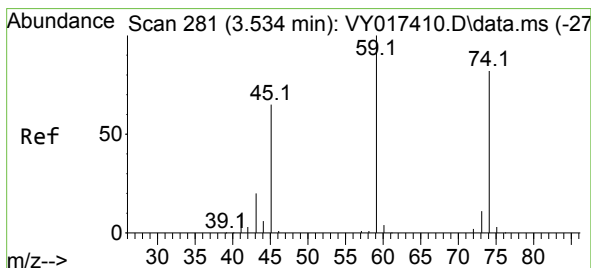
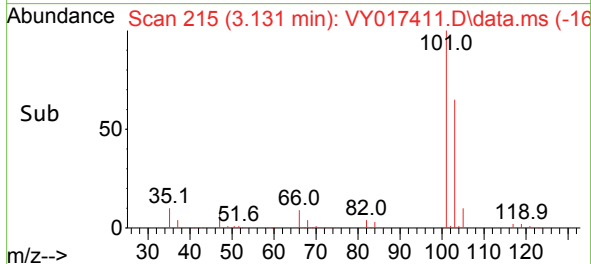
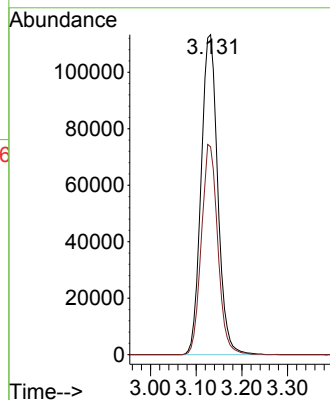
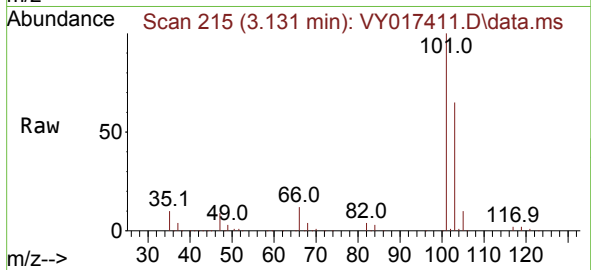




#7
Trichlorofluoromethane
Concen: 92.936 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY017411.D
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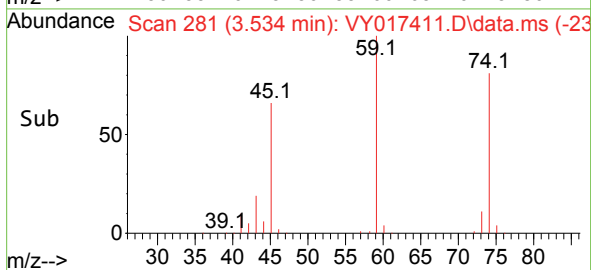
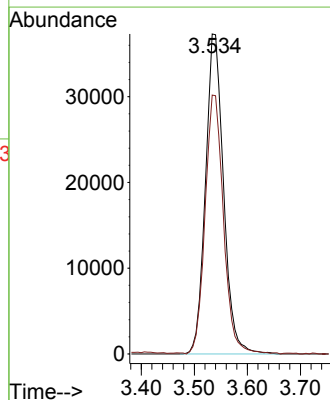
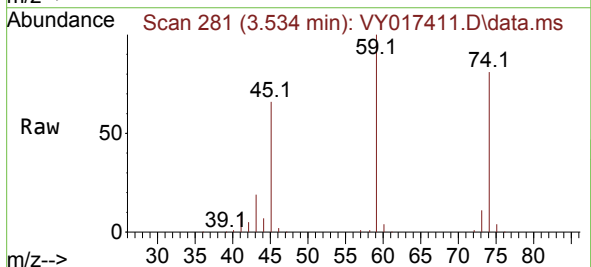
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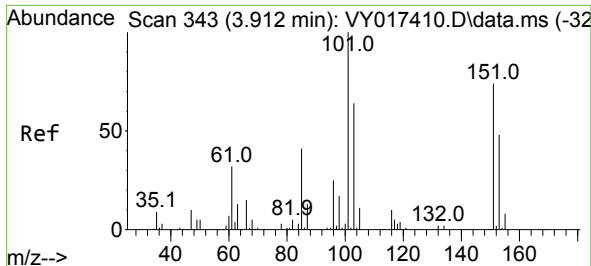
Tgt Ion:101 Resp: 286028
Ion Ratio Lower Upper
101 100
103 64.9 49.3 73.9



#8
Diethyl Ether
Concen: 101.567 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 74 Resp: 88351
Ion Ratio Lower Upper
74 100
45 82.5 41.3 124.1

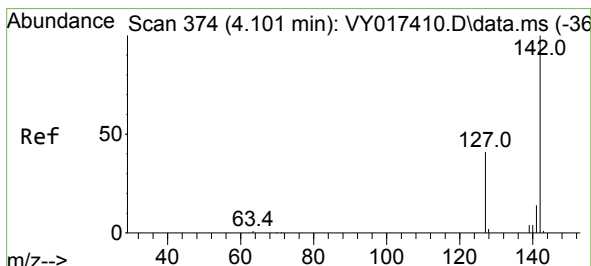
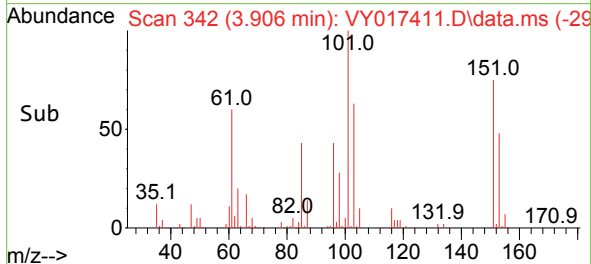
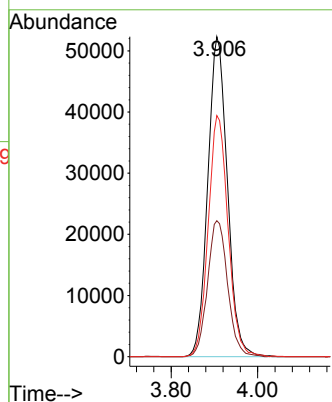
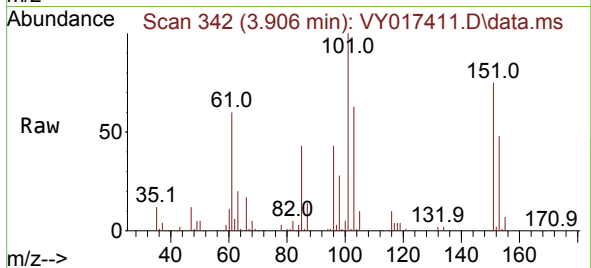




#9
1,1,2-Trichlorotrifluoroethane
Concen: 92.400 ug/l
RT: 3.906 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY017411.D
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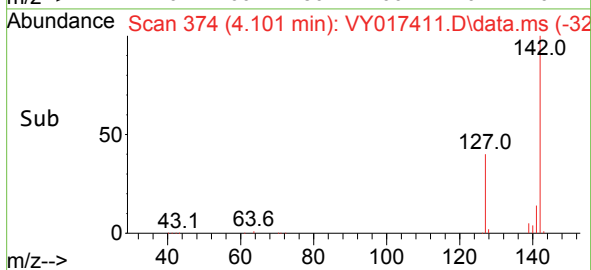
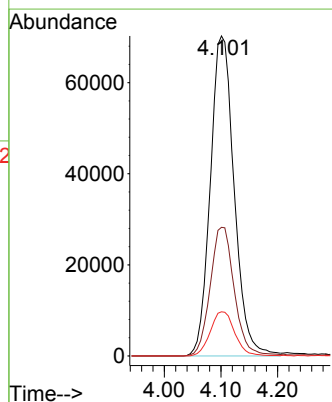
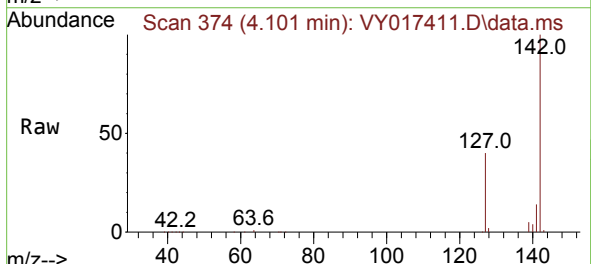
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

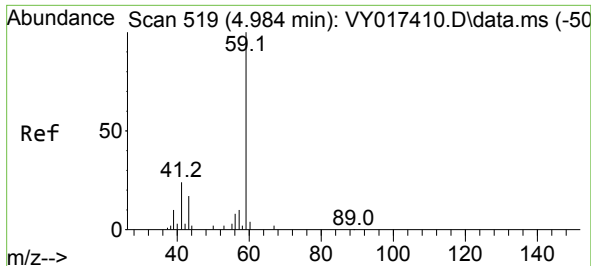
Tgt Ion:101 Resp: 164372
Ion Ratio Lower Upper
101 100
85 43.6 34.5 51.7
151 76.3 61.7 92.5



#10
Methyl Iodide
Concen: 108.513 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion:142 Resp: 205429
Ion Ratio Lower Upper
142 100
127 40.8 32.8 49.2
141 14.2 11.4 17.2

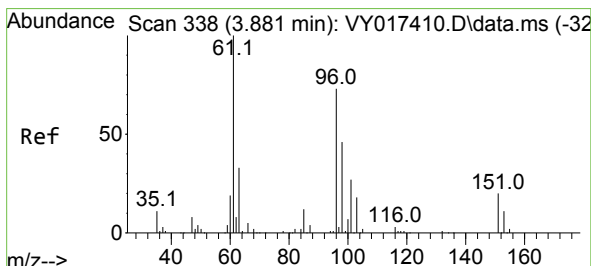
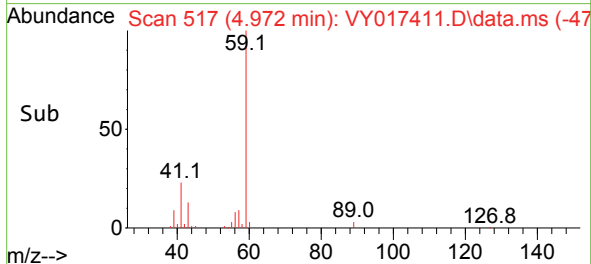
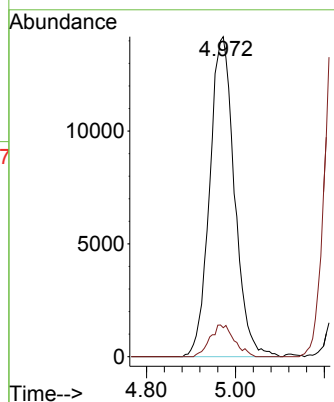
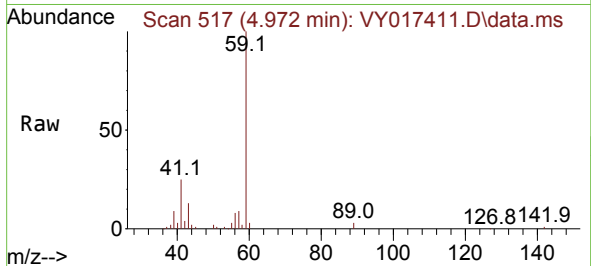




#11
Tert butyl alcohol
Concen: 488.054 ug/l
RT: 4.972 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

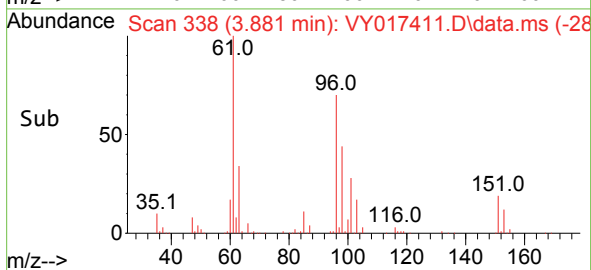
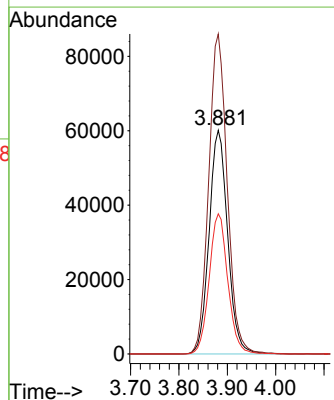
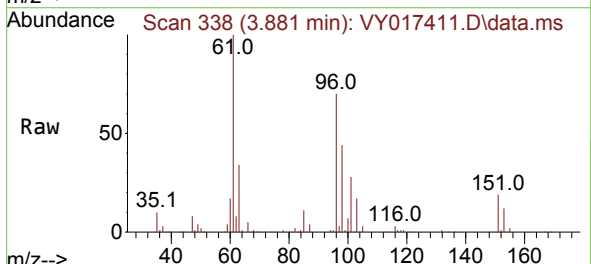
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

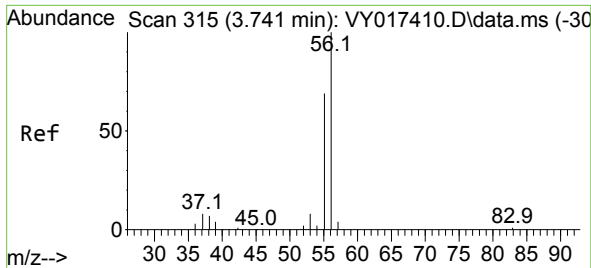
Tgt Ion: 59 Resp: 54907
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 95.789 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 96 Resp: 160164
Ion Ratio Lower Upper
96 100
61 143.0 114.6 171.8
98 62.7 50.8 76.2





#13

Acrolein

Concen: 512.828 ug/l

RT: 3.735 min Scan# 315

Delta R.T. -0.006 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Instrument :

MSVOA_Y

ClientSampleId :

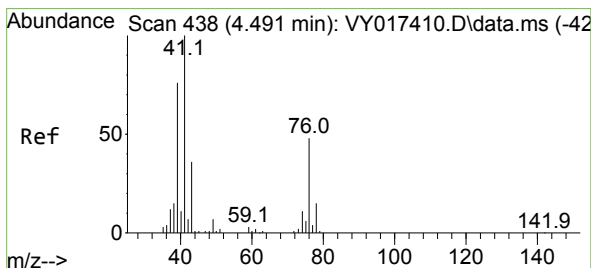
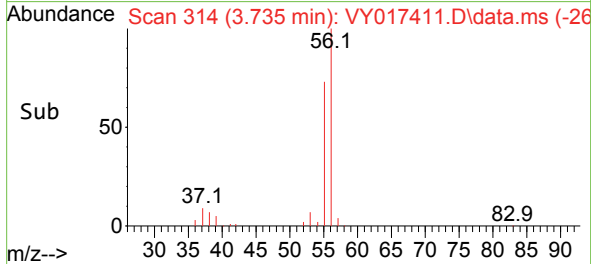
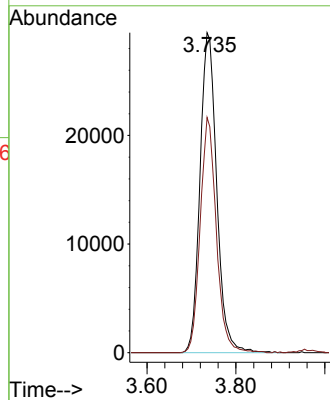
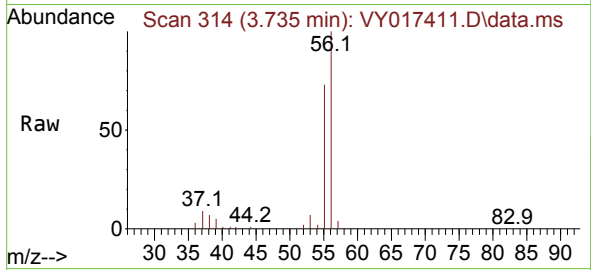
VSTDICC100

Tgt Ion: 56 Resp: 77206

Ion Ratio Lower Upper

56 100

55 71.1 55.7 83.5



#14

Allyl chloride

Concen: 98.239 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

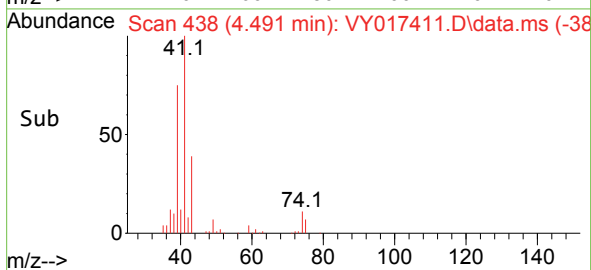
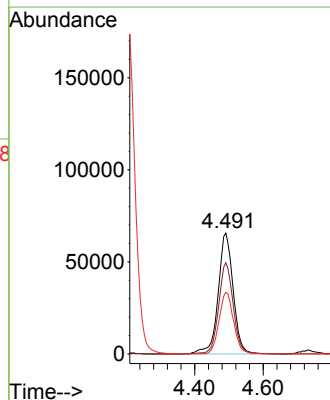
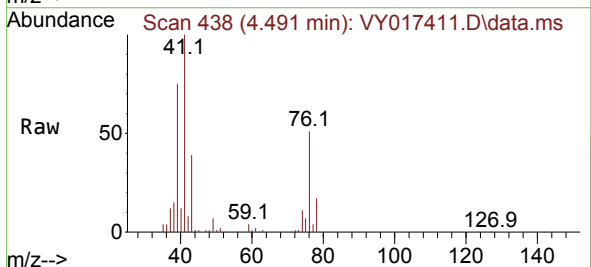
Tgt Ion: 41 Resp: 199095

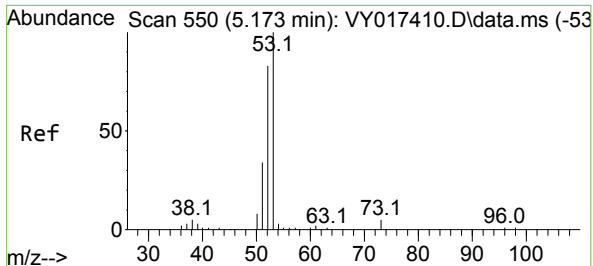
Ion Ratio Lower Upper

41 100

39 73.1 58.3 87.5

76 49.3 39.0 58.6

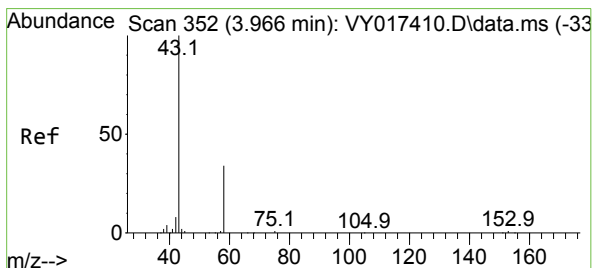
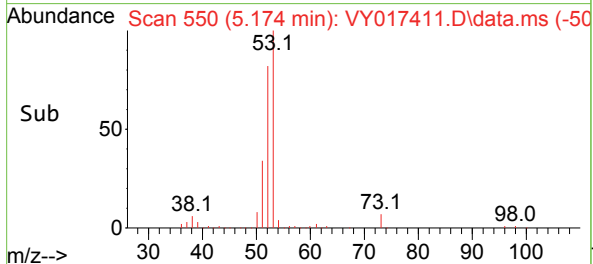
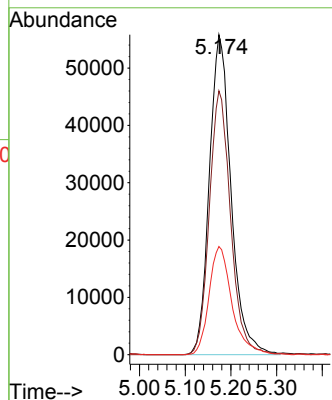
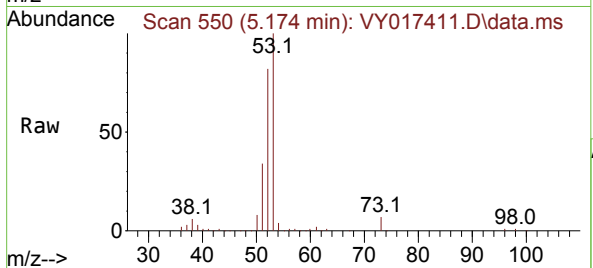




#15
Acrylonitrile
Concen: 532.462 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

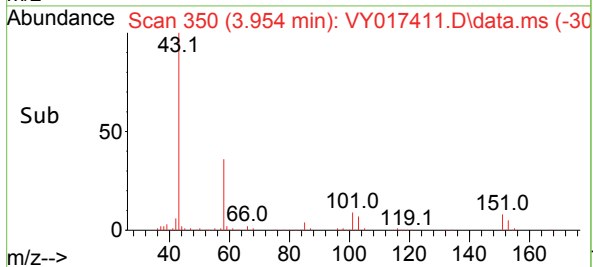
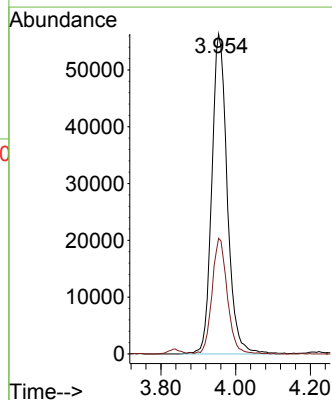
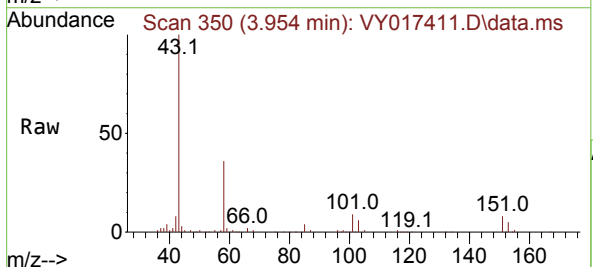
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

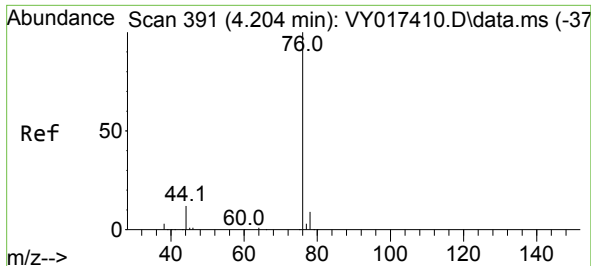
Tgt Ion: 53 Resp: 184145
Ion Ratio Lower Upper
53 100
52 81.0 64.7 97.1
51 35.8 28.4 42.6



#16
Acetone
Concen: 515.819 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 43 Resp: 161634
Ion Ratio Lower Upper
43 100
58 36.1 31.7 47.5

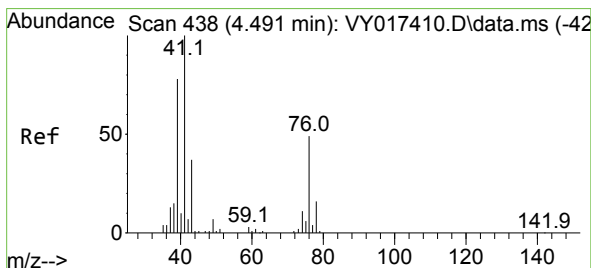
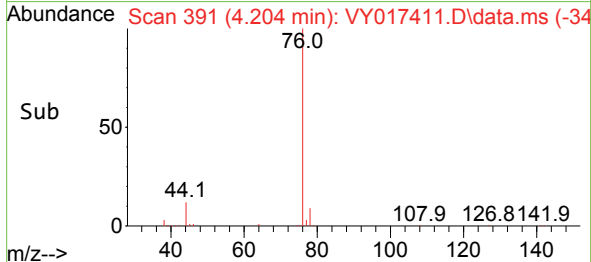
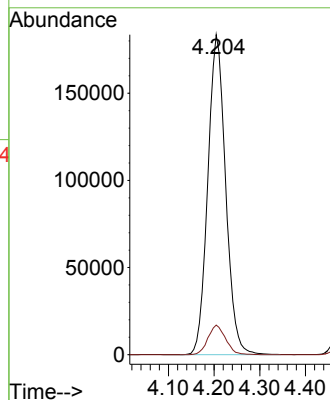
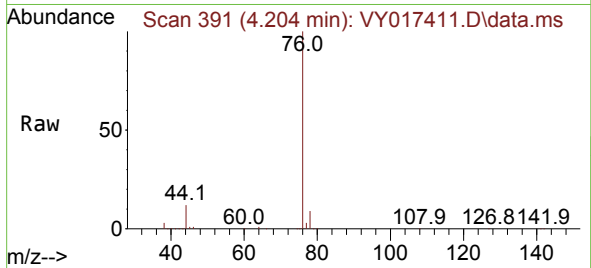




#17
Carbon Disulfide
Concen: 93.700 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

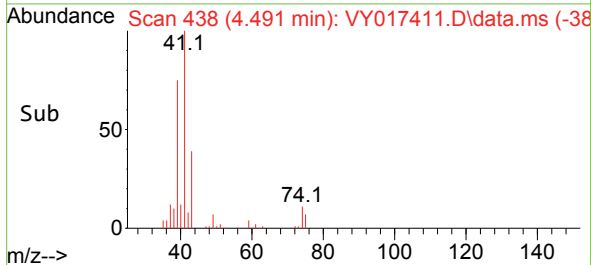
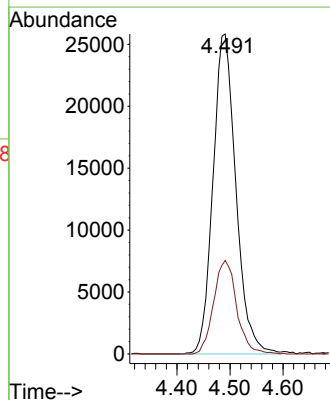
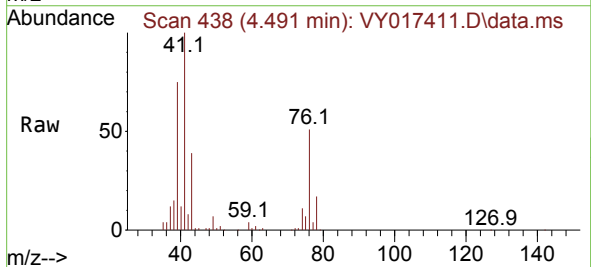
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

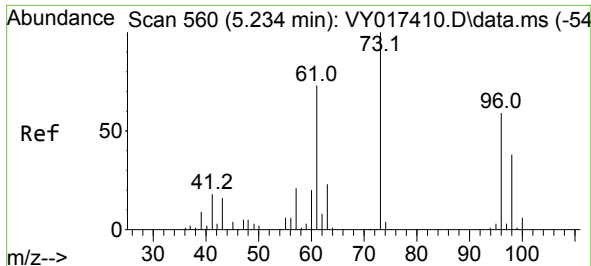
Tgt Ion: 76 Resp: 497731
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 109.116 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 43 Resp: 77534
Ion Ratio Lower Upper
43 100
74 29.4 23.3 34.9

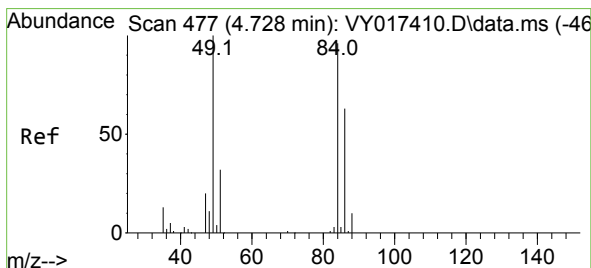
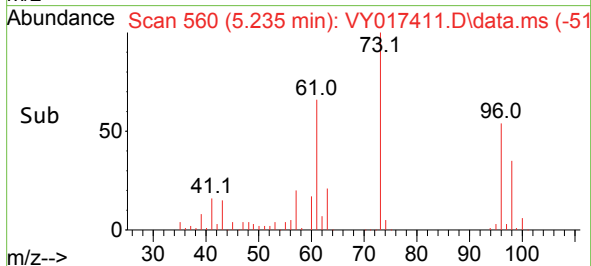
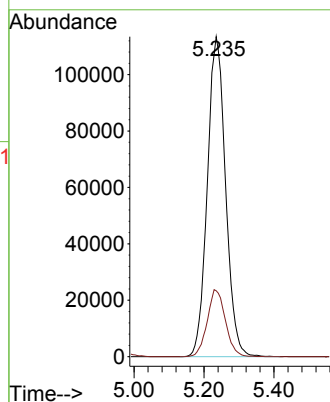
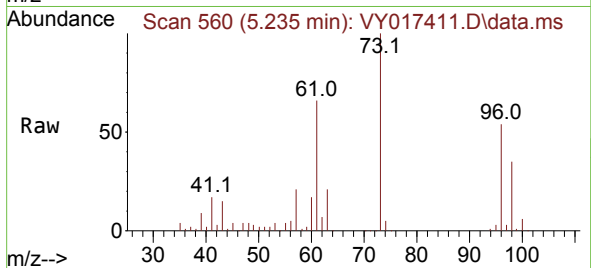




#19
Methyl tert-butyl Ether
Concen: 108.839 ug/l
RT: 5.235 min Scan# 5
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

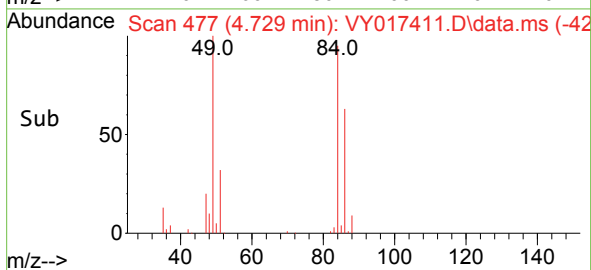
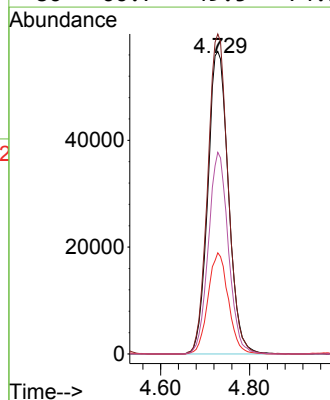
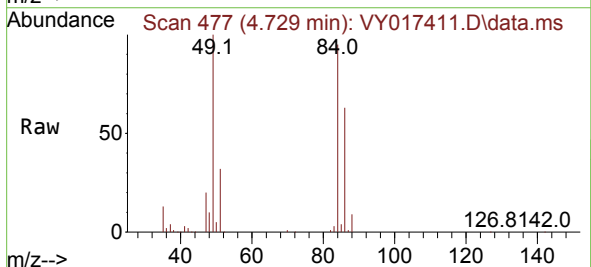
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

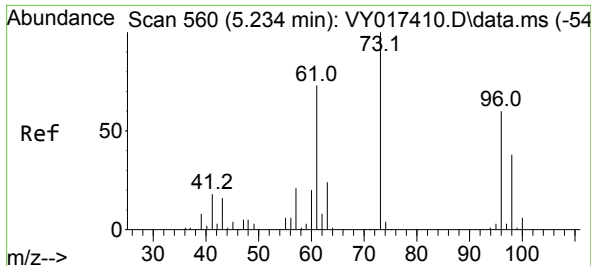
Tgt Ion: 73 Resp: 411072
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 101.092 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 84 Resp: 182702
Ion Ratio Lower Upper
84 100
49 105.8 84.4 126.6
51 33.4 26.0 39.0
86 66.7 49.5 74.3

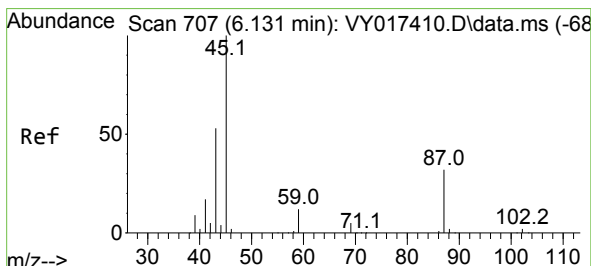
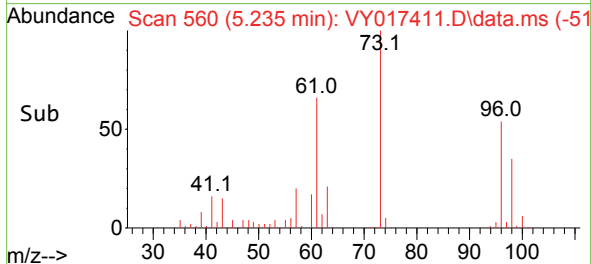
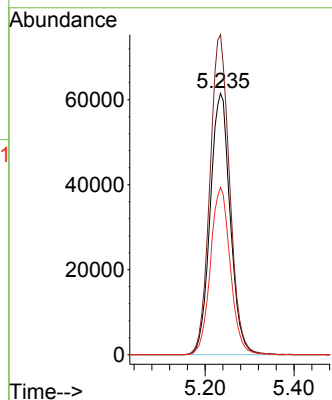
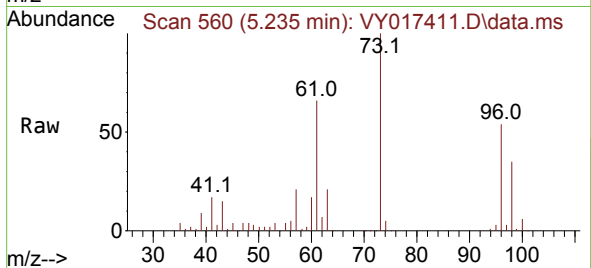




#21
trans-1,2-Dichloroethene
Concen: 99.328 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

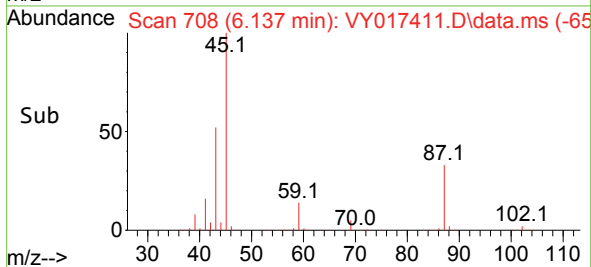
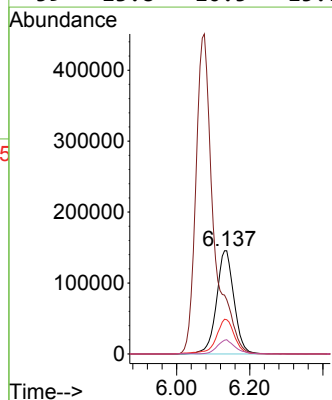
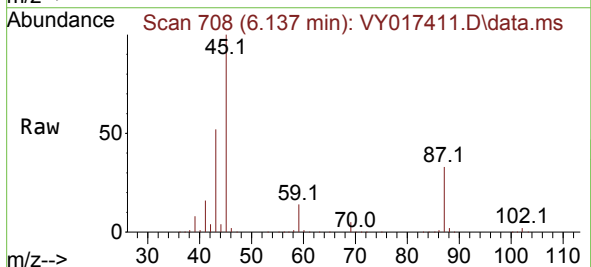
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

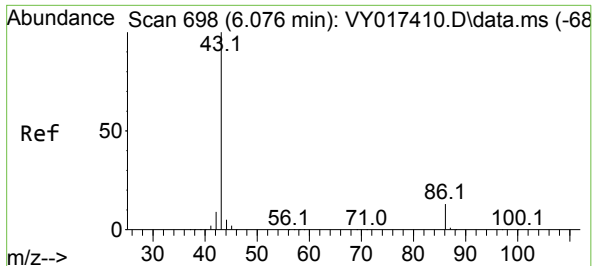
Tgt Ion: 96 Resp: 192092
Ion Ratio Lower Upper
96 100
61 122.5 97.5 146.3
98 64.0 50.5 75.7



#22
Diisopropyl ether
Concen: 103.827 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 45 Resp: 483964
Ion Ratio Lower Upper
45 100
43 52.3 42.2 63.2
87 33.2 25.0 37.6
59 13.8 10.5 15.7

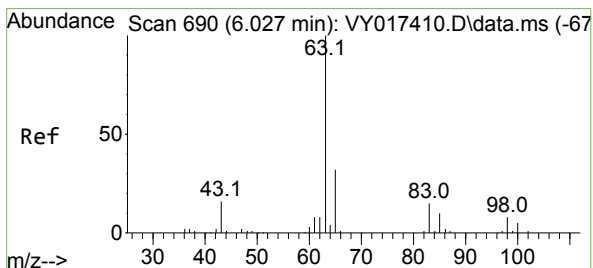
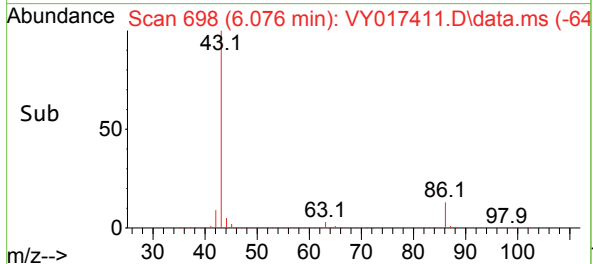
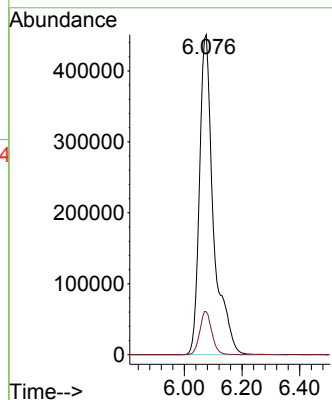
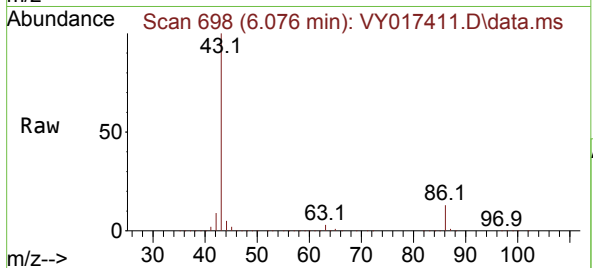




#23
Vinyl Acetate
Concen: 547.717 ug/l
RT: 6.076 min Scan# 698
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

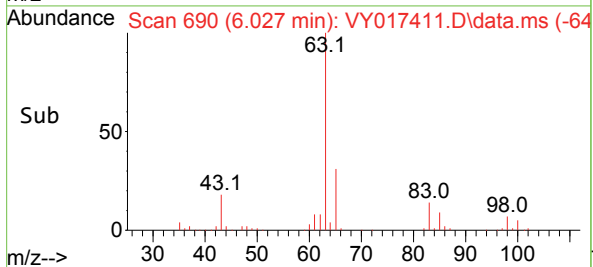
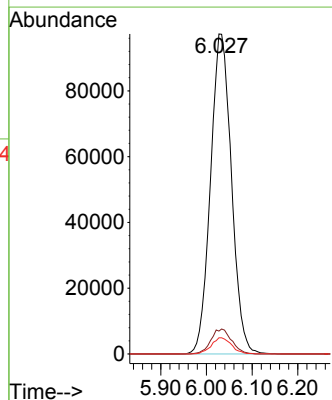
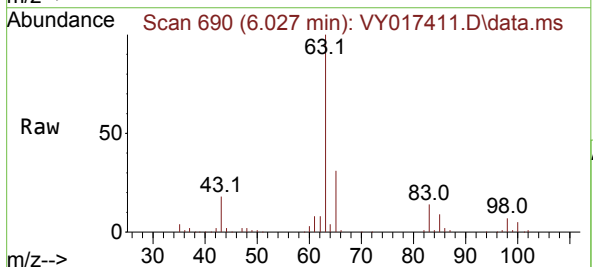
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

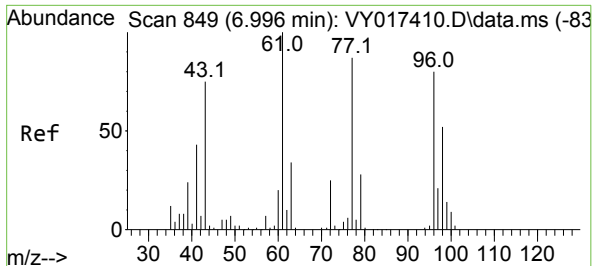
Tgt Ion: 43 Resp: 1517283
Ion Ratio Lower Upper
43 100
86 13.4 10.6 16.0



#24
1,1-Dichloroethane
Concen: 98.005 ug/l
RT: 6.027 min Scan# 690
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 63 Resp: 309714
Ion Ratio Lower Upper
63 100
98 7.2 4.0 12.2
100 5.1 2.6 8.0

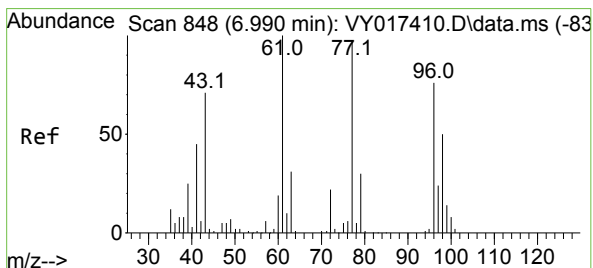
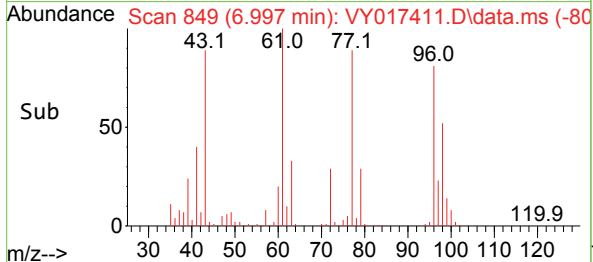
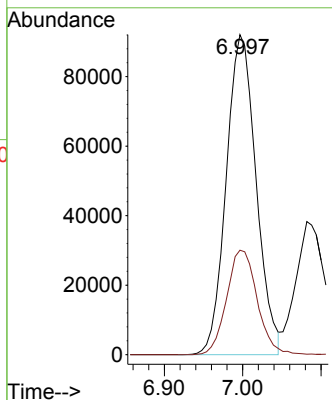
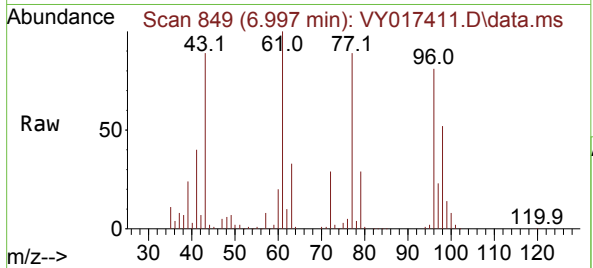




#25
2-Butanone
Concen: 555.122 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

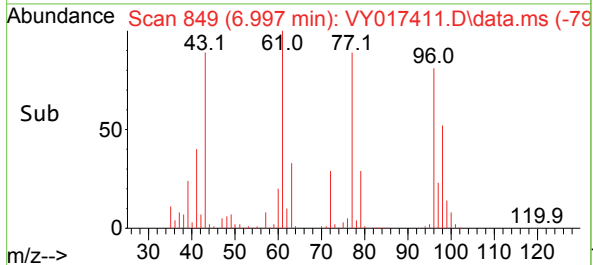
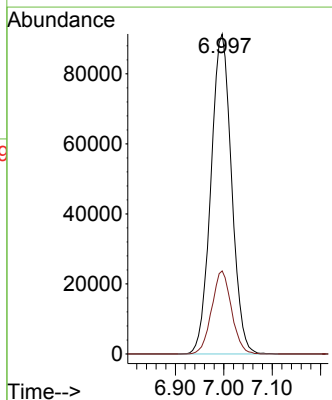
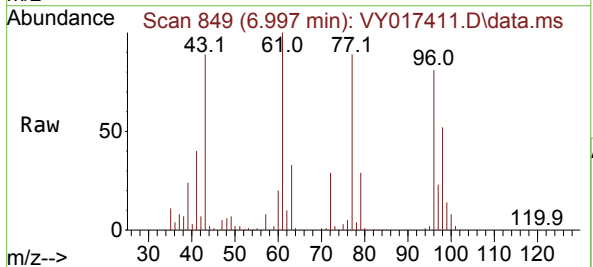
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

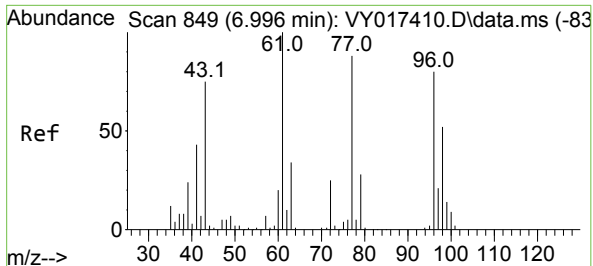
Tgt Ion: 43 Resp: 244173
Ion Ratio Lower Upper
43 100
72 32.7 27.3 40.9



#26
2,2-Dichloropropane
Concen: 99.408 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 77 Resp: 270311
Ion Ratio Lower Upper
77 100
97 24.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 102.714 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

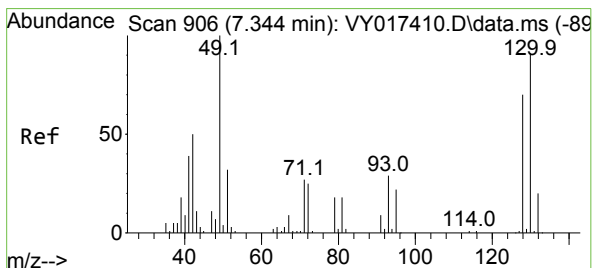
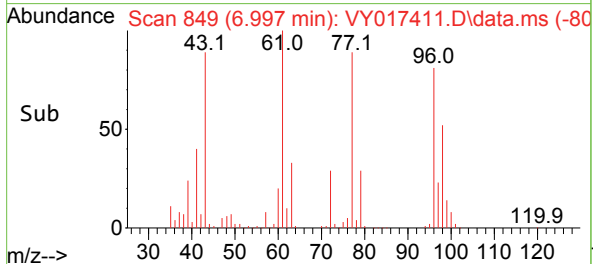
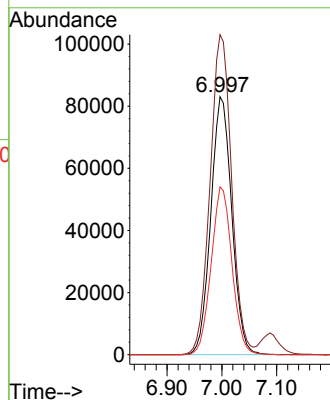
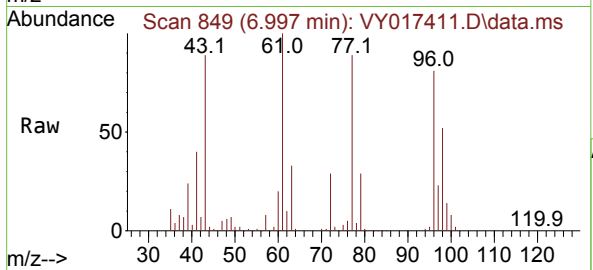
Tgt Ion: 96 Resp: 220627

Ion Ratio Lower Upper

96 100

61 127.2 0.0 256.2

98 64.5 0.0 130.0



#28

Bromochloromethane

Concen: 102.970 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

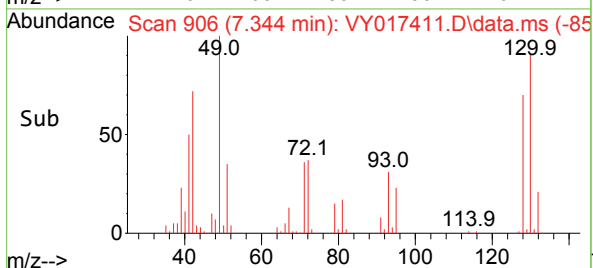
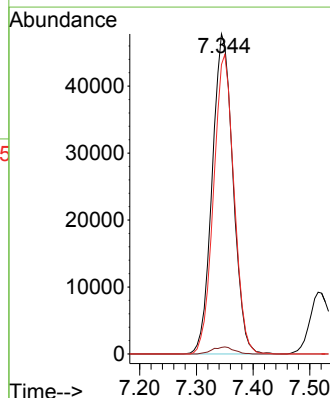
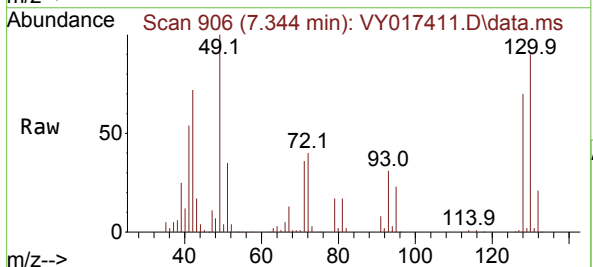
Tgt Ion: 49 Resp: 122092

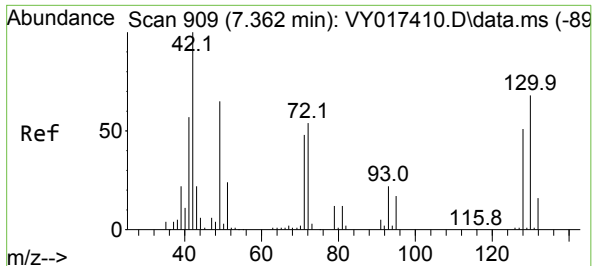
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 91.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 563.524 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

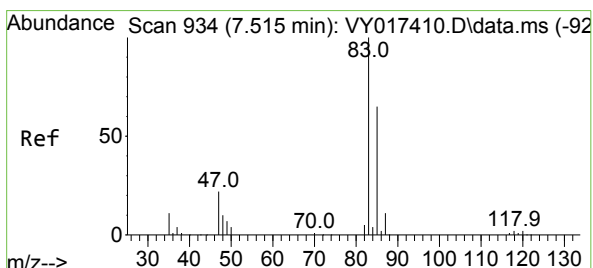
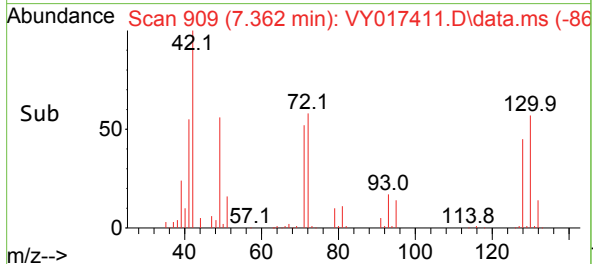
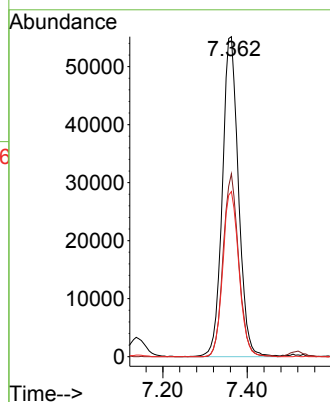
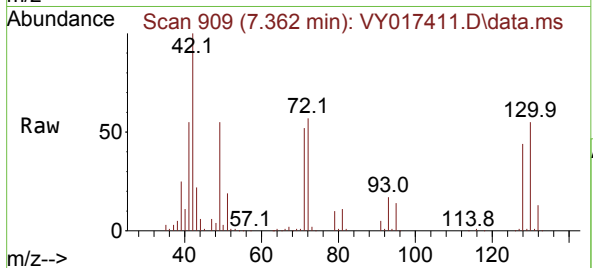
Tgt Ion: 42 Resp: 145711

Ion Ratio Lower Upper

42 100

72 55.0 43.0 64.4

71 51.8 40.8 61.2



#30

Chloroform

Concen: 98.399 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY017411.D

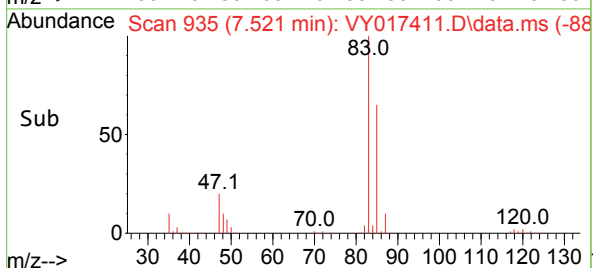
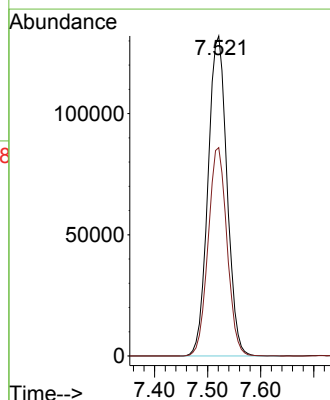
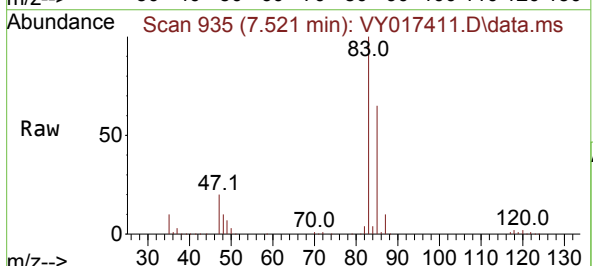
Acq: 19 Feb 2024 18:12

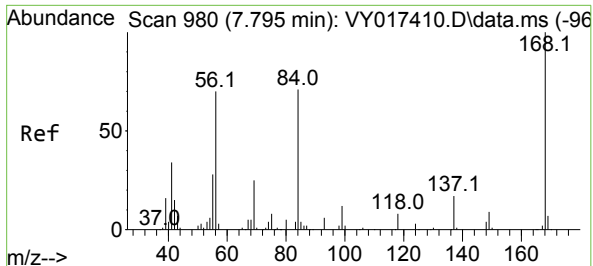
Tgt Ion: 83 Resp: 328258

Ion Ratio Lower Upper

83 100

85 65.1 52.2 78.4

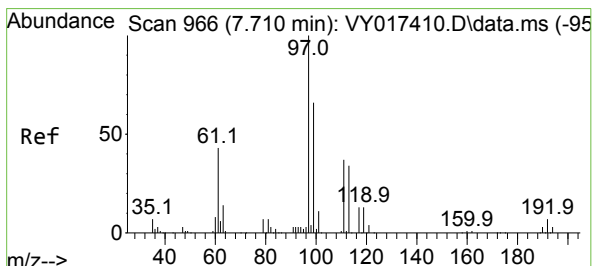
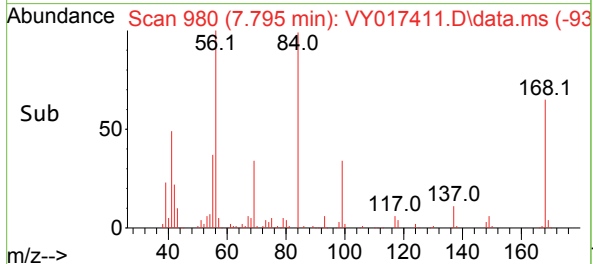
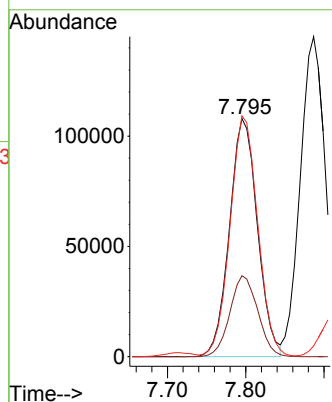
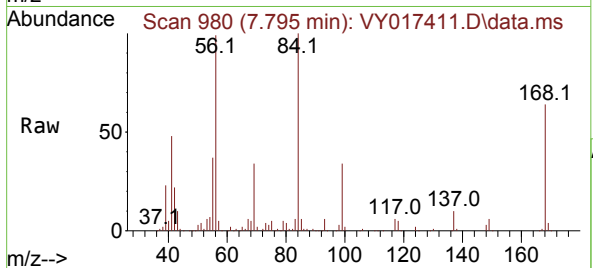




#31
Cyclohexane
Concen: 93.706 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

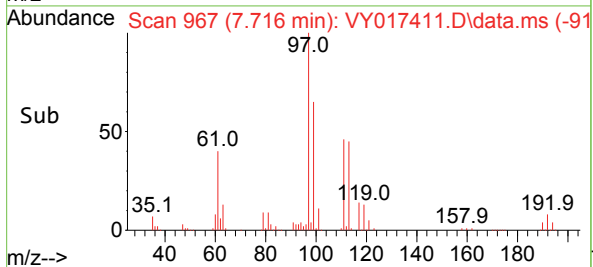
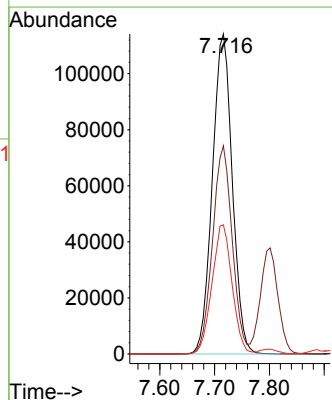
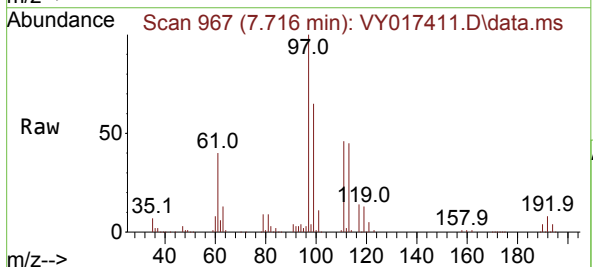
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

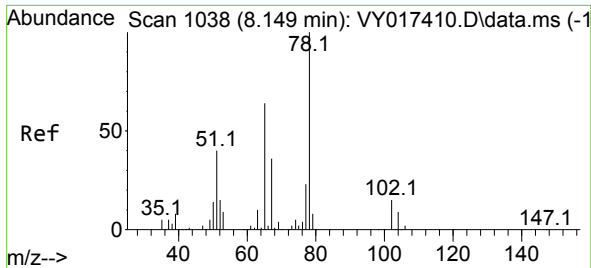
Tgt Ion: 56 Resp: 268404
Ion Ratio Lower Upper
56 100
69 34.0 28.7 43.1
84 99.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 97.927 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 97 Resp: 288545
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 40.6 32.6 48.8

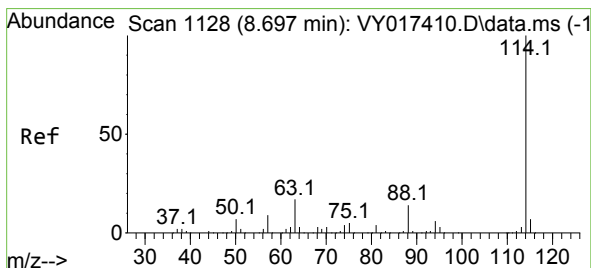
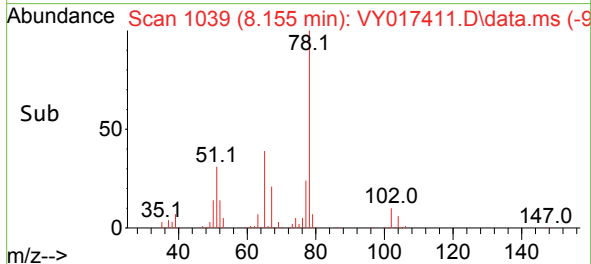
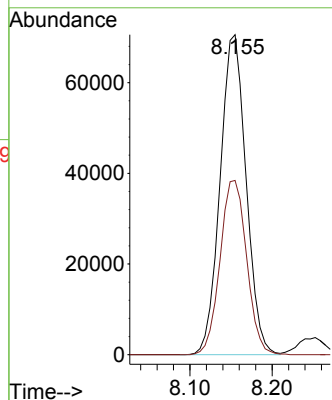
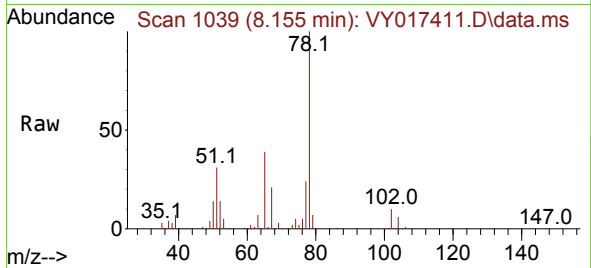




#33
 1,2-Dichloroethane-d4
 Concen: 107.286 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VY017411.D
 Acq: 19 Feb 2024 18:12

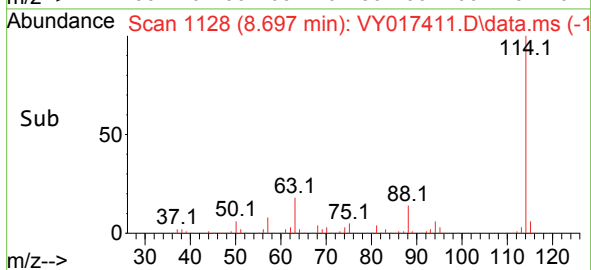
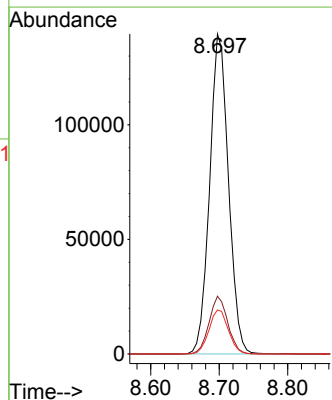
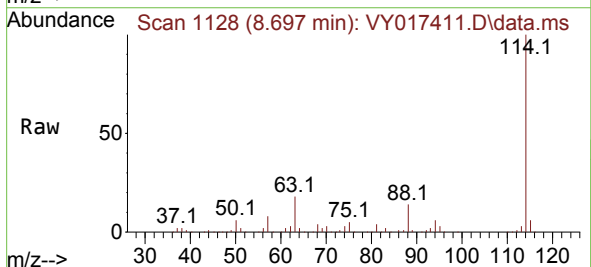
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

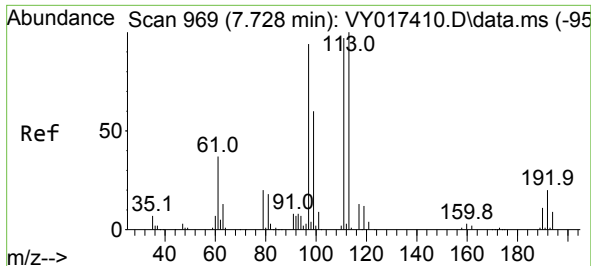
Tgt Ion: 65 Resp: 155231
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY017411.D
 Acq: 19 Feb 2024 18:12

Tgt Ion: 114 Resp: 266905
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.0
 88 13.8 0.0 27.2

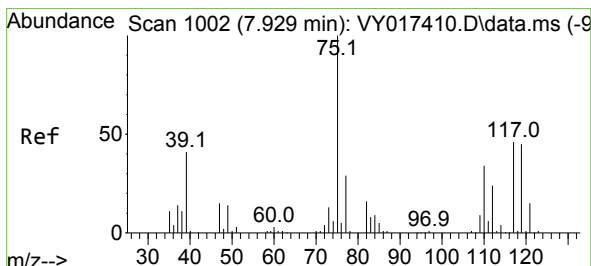
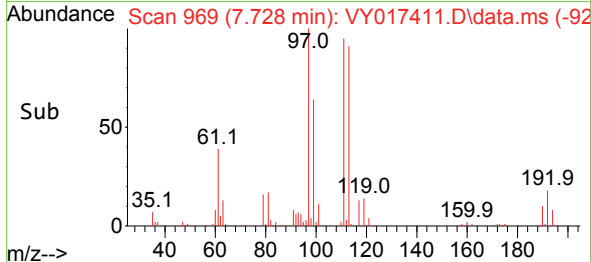
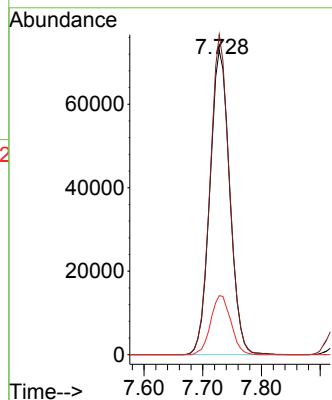
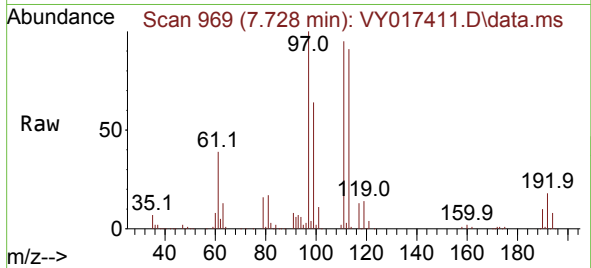




#35
 Dibromofluoromethane
 Concen: 109.345 ug/l
 RT: 7.728 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VY017411.D
 Acq: 19 Feb 2024 18:12

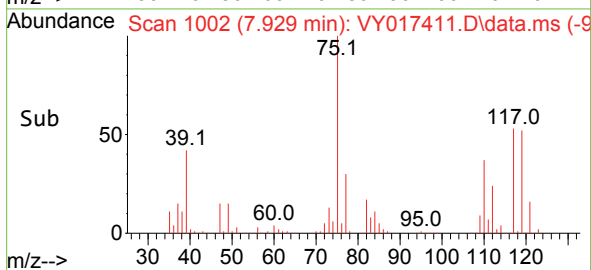
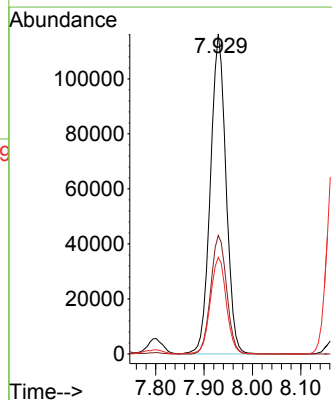
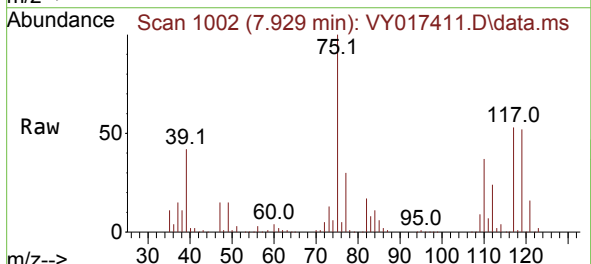
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

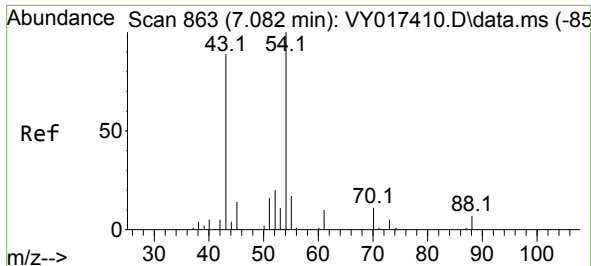
Tgt Ion:113 Resp: 170837
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.4
 192 19.7 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 99.813 ug/l
 RT: 7.929 min Scan# 1002
 Delta R.T. 0.000 min
 Lab File: VY017411.D
 Acq: 19 Feb 2024 18:12

Tgt Ion: 75 Resp: 260447
 Ion Ratio Lower Upper
 75 100
 110 37.7 19.0 57.0
 77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 107.964 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

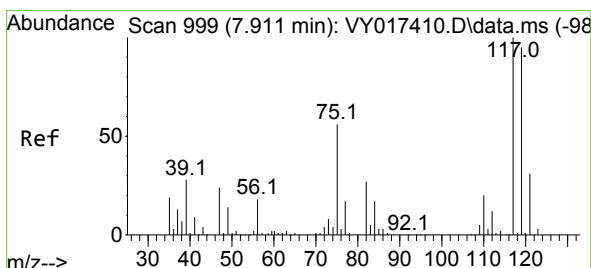
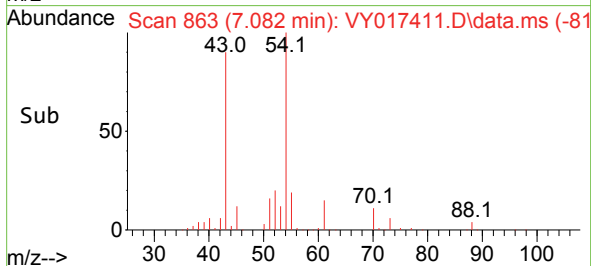
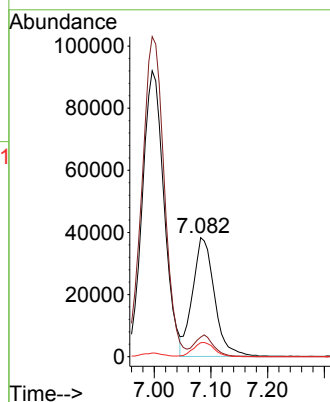
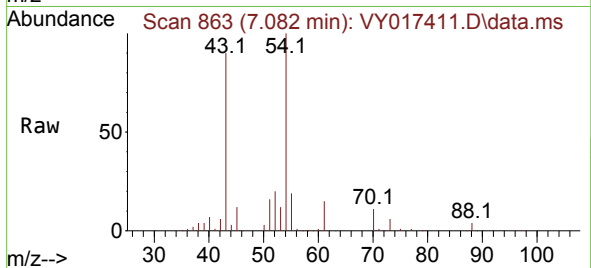
Tgt Ion: 43 Resp: 102580

Ion Ratio Lower Upper

43 100

61 16.1 12.6 19.0

70 11.7 7.8 11.8



#38

Carbon Tetrachloride

Concen: 99.824 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

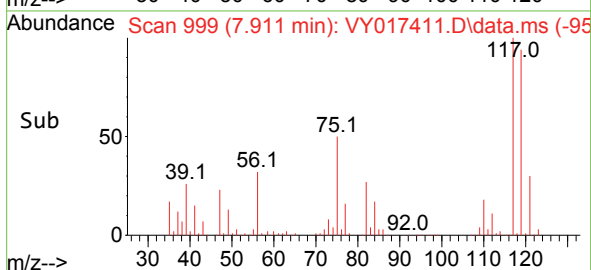
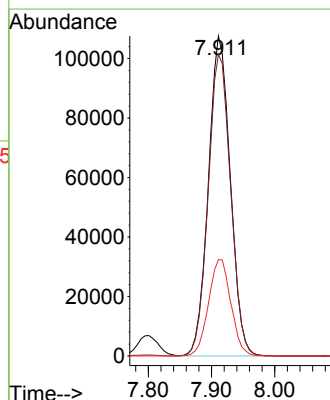
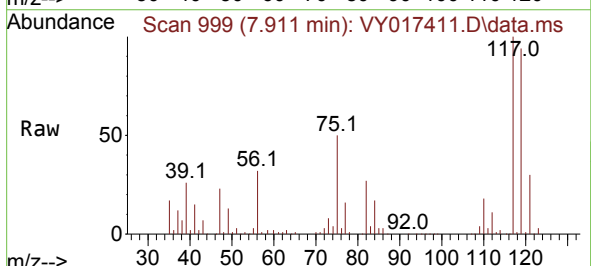
Tgt Ion: 117 Resp: 259338

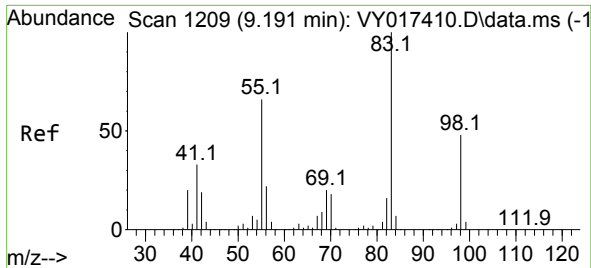
Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.6

121 30.1 24.0 36.0

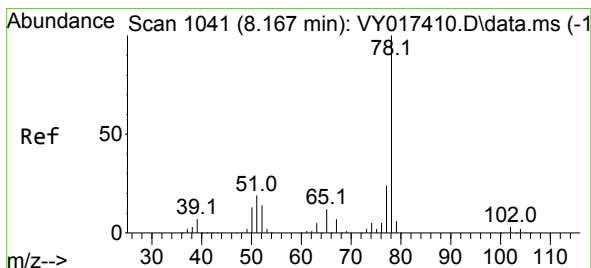
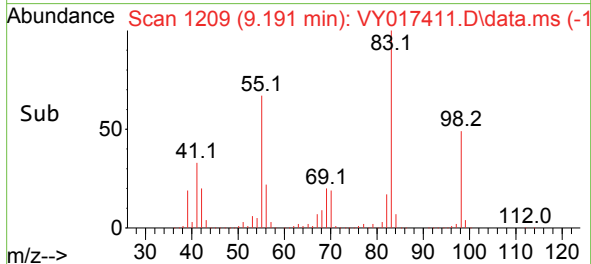
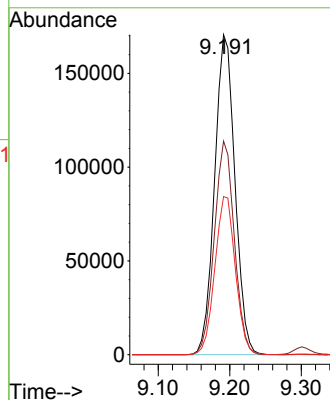
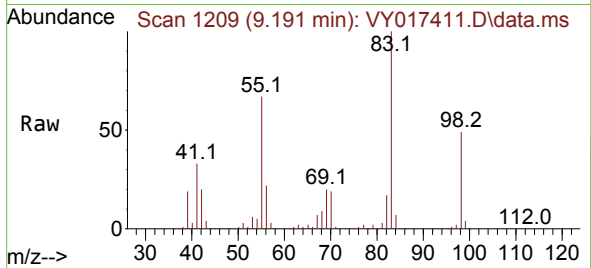




#39
Methylcyclohexane
Concen: 105.504 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

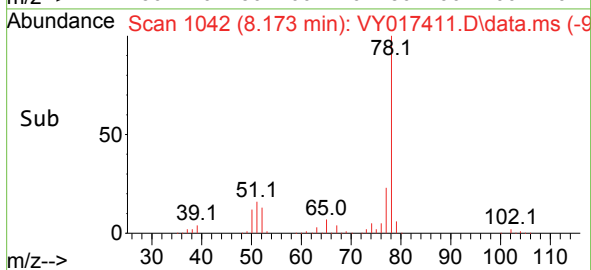
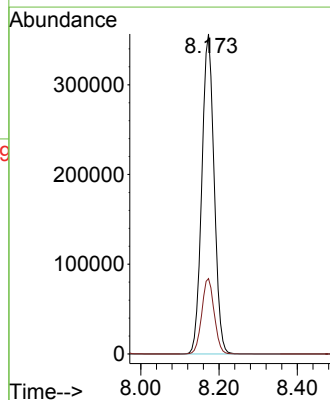
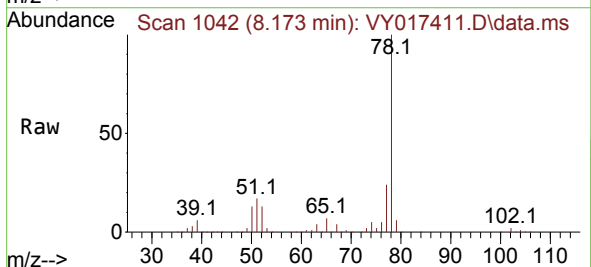
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

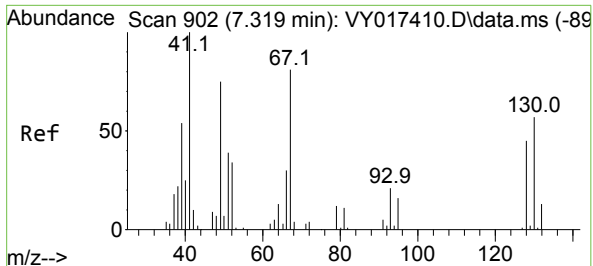
Tgt Ion: 83 Resp: 336985
Ion Ratio Lower Upper
83 100
55 66.7 51.5 77.3
98 49.4 40.5 60.7



#40
Benzene
Concen: 101.851 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 78 Resp: 776488
Ion Ratio Lower Upper
78 100
77 23.5 19.5 29.3

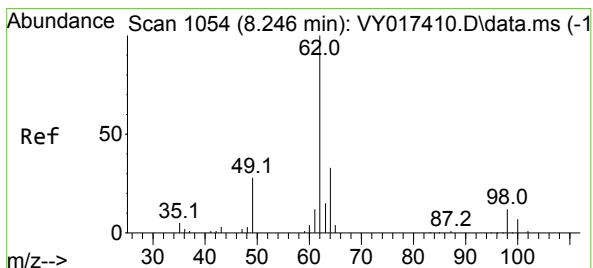
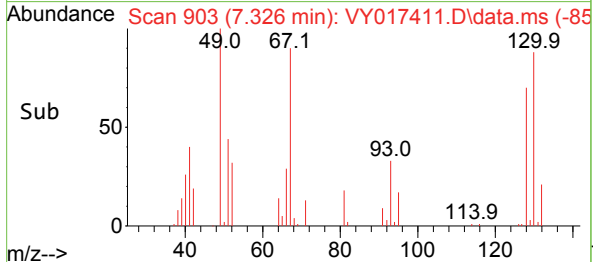
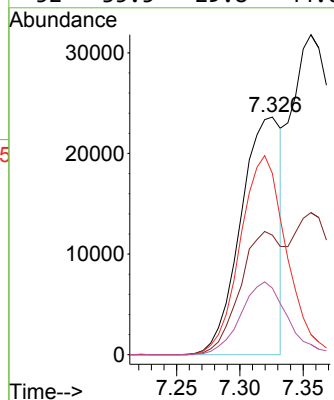
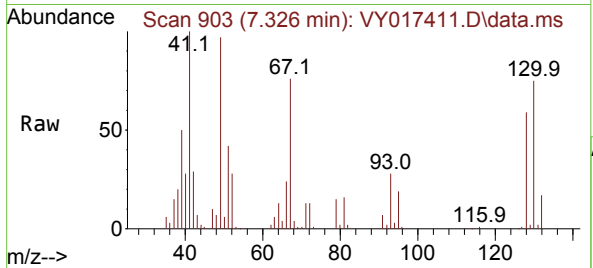




#41
Methacrylonitrile
Concen: 113.064 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

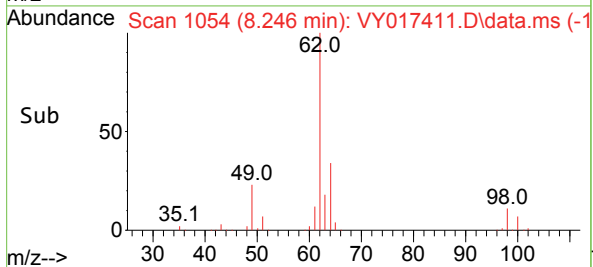
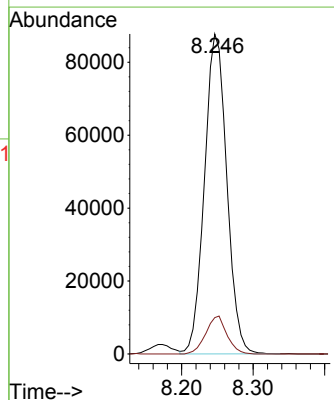
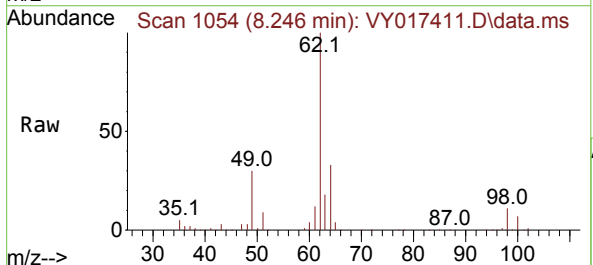
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

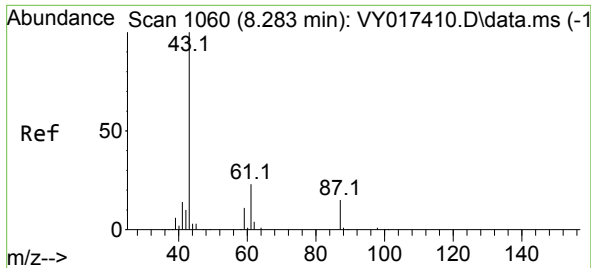
Tgt Ion: 41 Resp: 52463
Ion Ratio Lower Upper
41 100
39 58.9 48.0 72.0
67 96.4 75.1 112.7
52 35.5 29.8 44.6



#42
1,2-Dichloroethane
Concen: 102.838 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 62 Resp: 190308
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.0

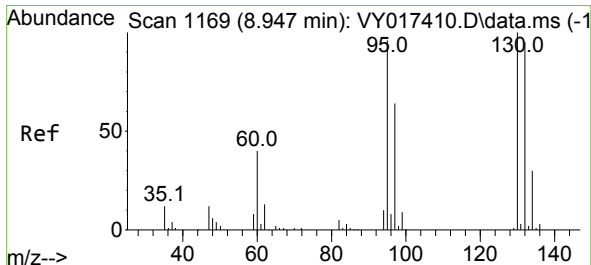
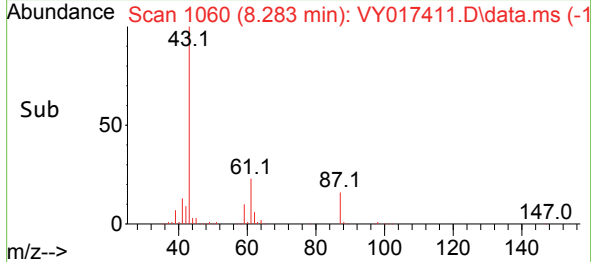
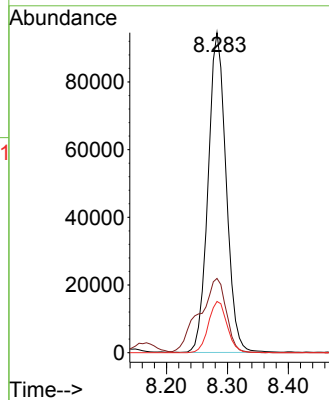
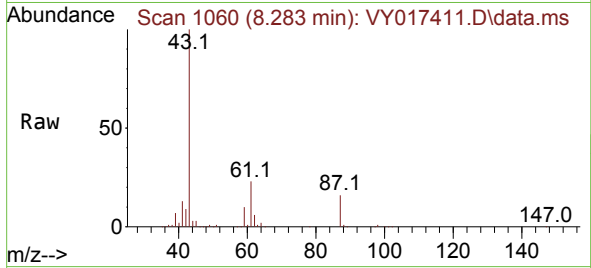




#43
Isopropyl Acetate
Concen: 113.159 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

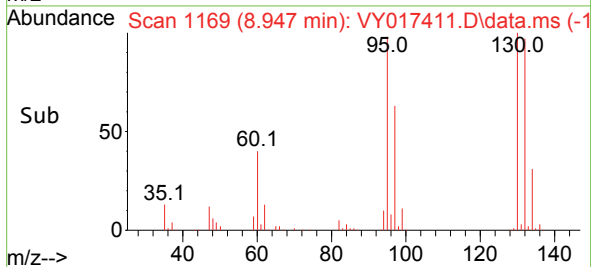
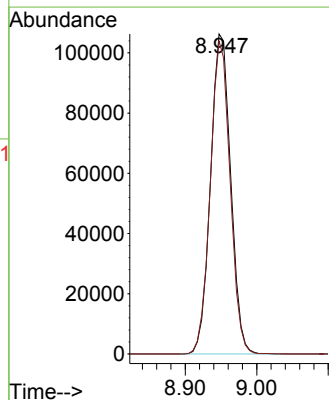
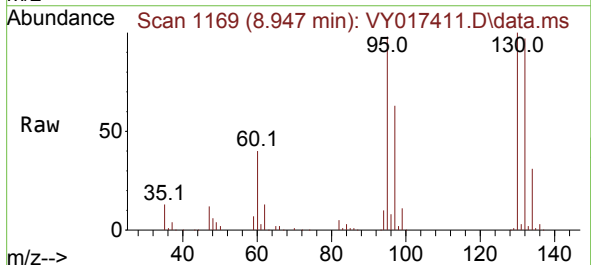
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

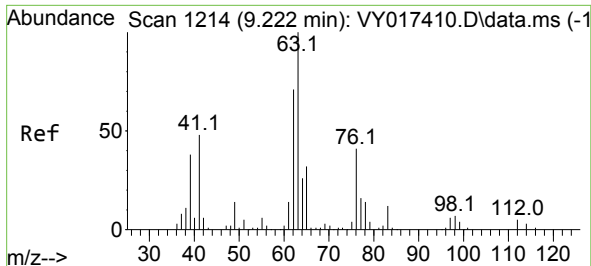
Tgt Ion: 43 Resp: 194294
Ion Ratio Lower Upper
43 100
61 34.6 27.9 41.9
87 16.6 13.1 19.7



#44
Trichloroethene
Concen: 100.502 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion:130 Resp: 207686
Ion Ratio Lower Upper
130 100
95 97.8 0.0 188.0

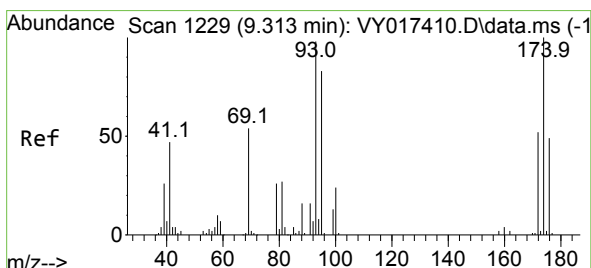
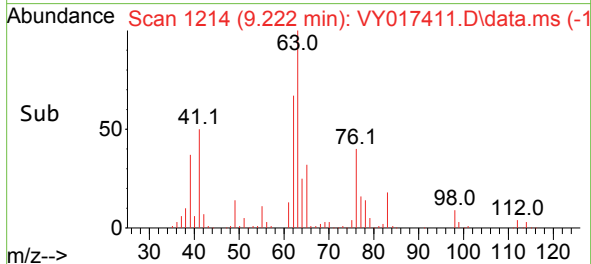
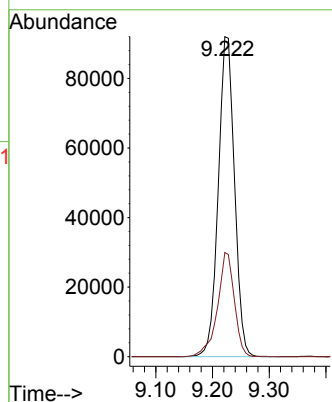
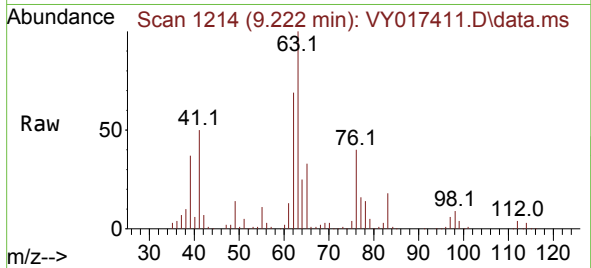




#45
1,2-Dichloropropane
Concen: 103.573 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

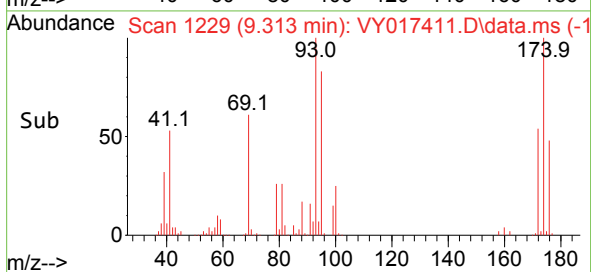
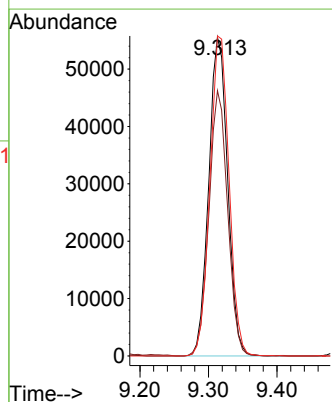
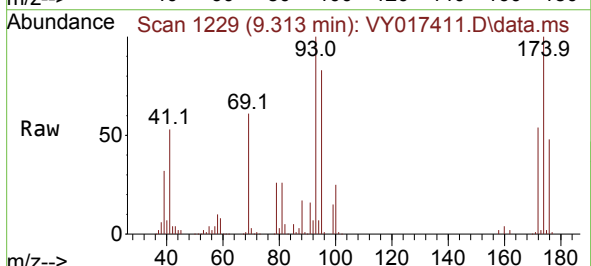
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

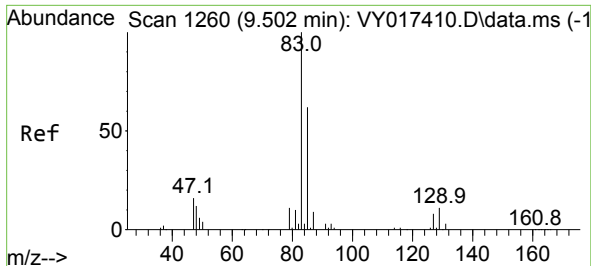
Tgt Ion: 63 Resp: 182525
Ion Ratio Lower Upper
63 100
65 32.5 25.4 38.2



#46
Dibromomethane
Concen: 106.357 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 93 Resp: 106534
Ion Ratio Lower Upper
93 100
95 82.4 66.2 99.4
174 101.3 80.9 121.3

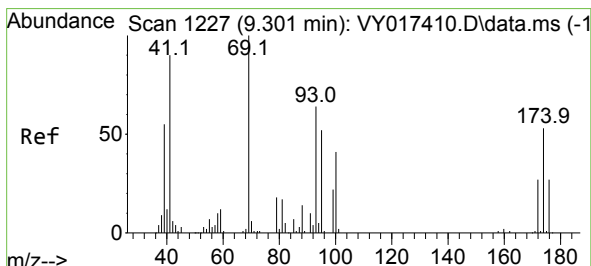
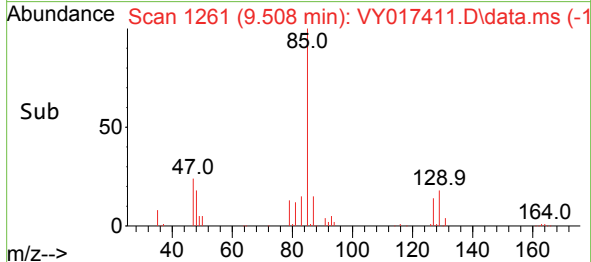
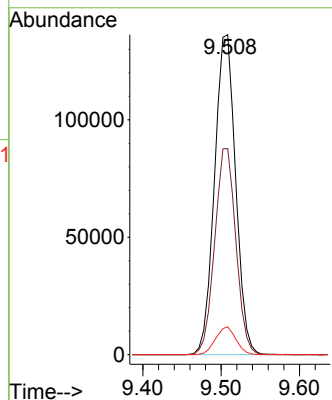
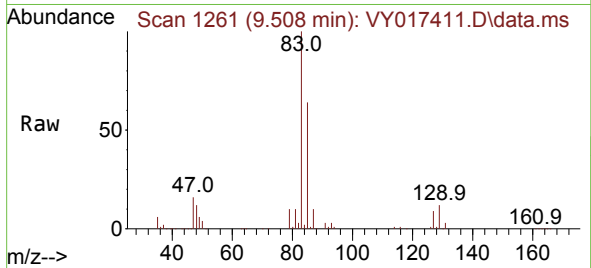




#47
Bromodichloromethane
Concen: 103.822 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

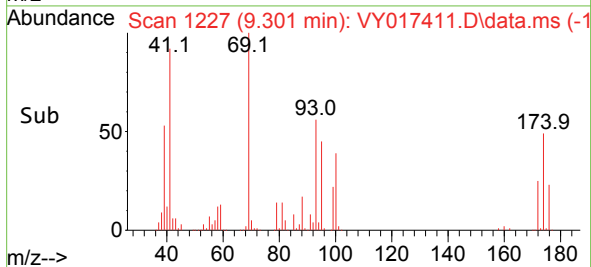
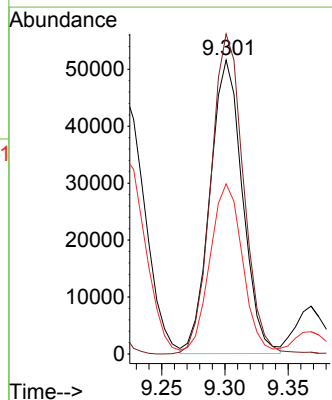
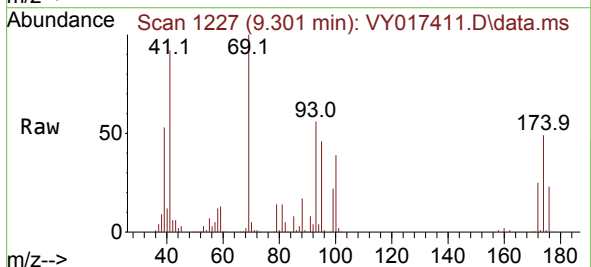
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

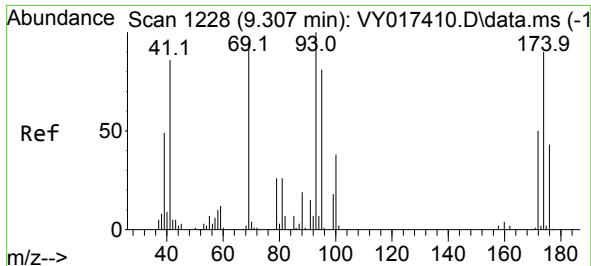
Tgt Ion: 83 Resp: 255691
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 114.663 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 41 Resp: 92371
Ion Ratio Lower Upper
41 100
69 108.9 84.1 126.1
39 55.4 43.6 65.4





#49

1,4-Dioxane

Concen: 2350.702 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

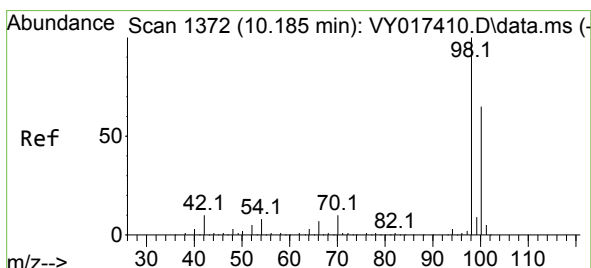
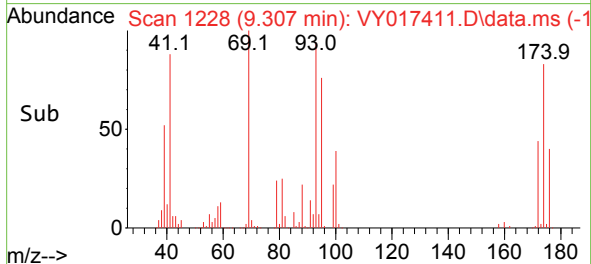
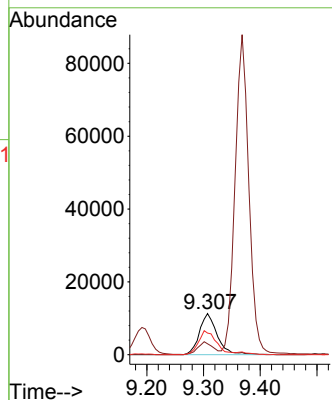
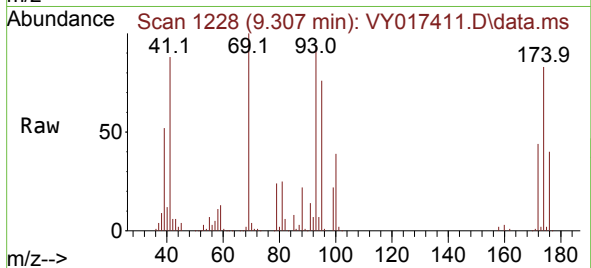
Tgt Ion: 88 Resp: 24627

Ion Ratio Lower Upper

88 100

43 25.3 0.0 0.0#

58 58.3 49.3 73.9



#50

Toluene-d8

Concen: 110.969 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017411.D

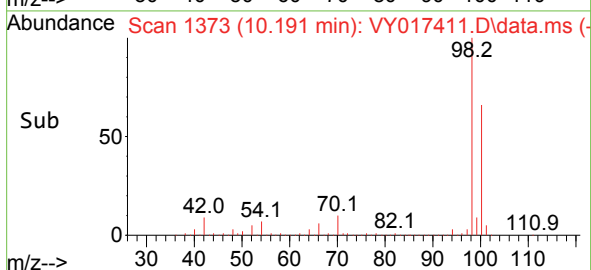
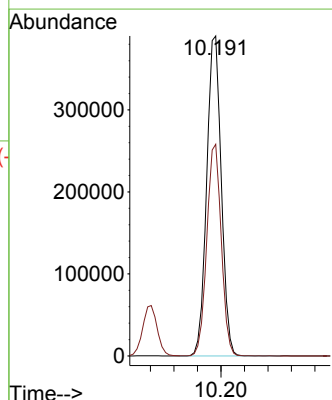
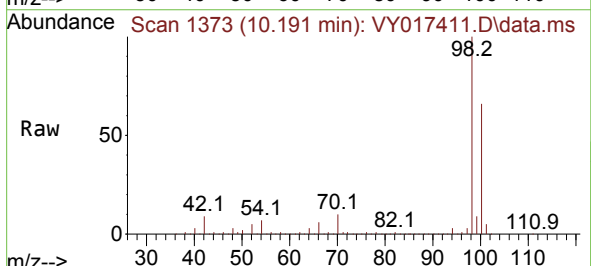
Acq: 19 Feb 2024 18:12

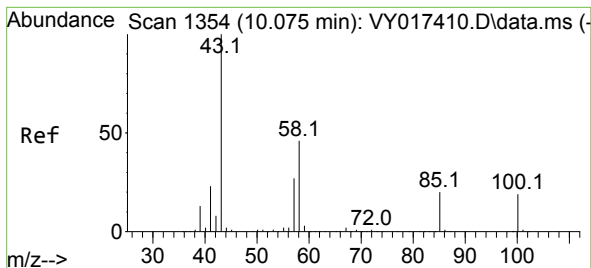
Tgt Ion: 98 Resp: 672404

Ion Ratio Lower Upper

98 100

100 65.6 52.0 78.0

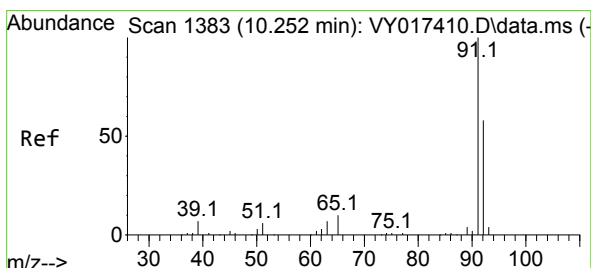
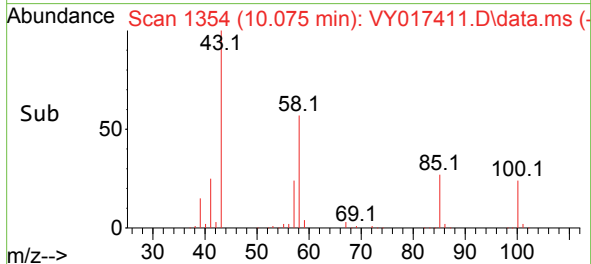
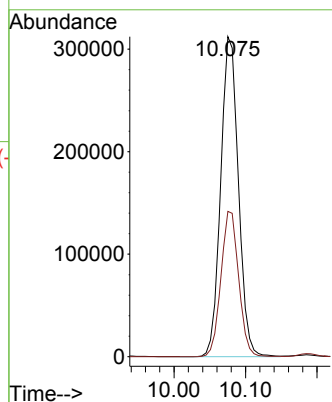
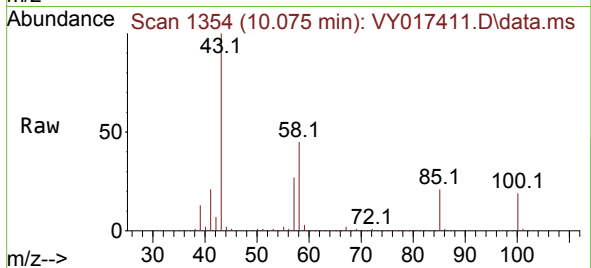




#51
4-Methyl-2-Pentanone
Concen: 579.862 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

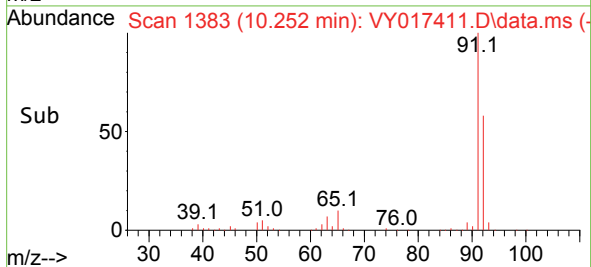
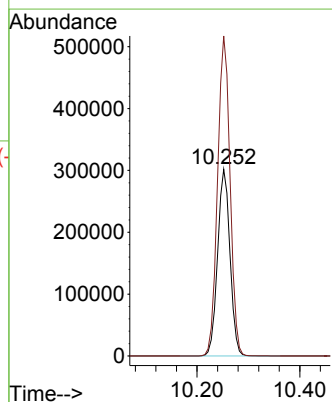
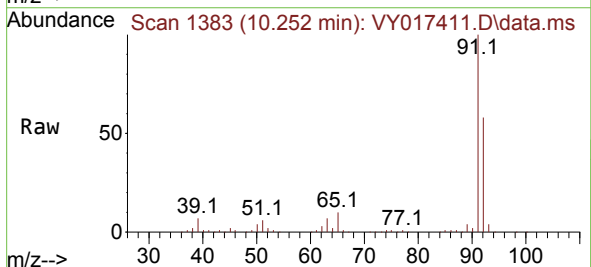
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

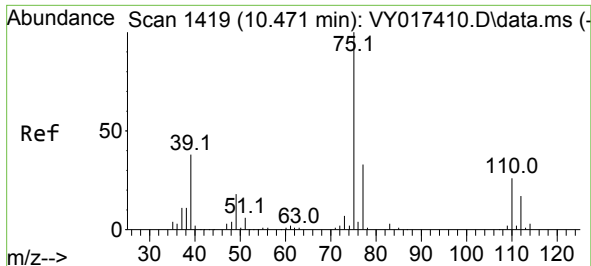
Tgt Ion: 43 Resp: 536471
Ion Ratio Lower Upper
43 100
58 45.5 35.7 53.5



#52
Toluene
Concen: 105.826 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 92 Resp: 503671
Ion Ratio Lower Upper
92 100
91 173.4 139.0 208.6

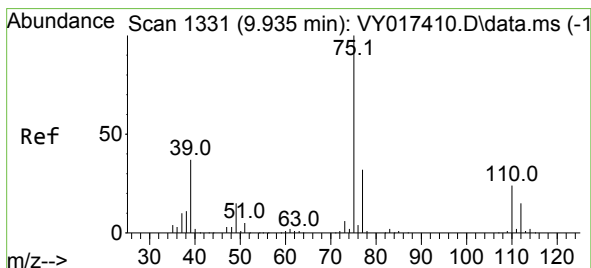
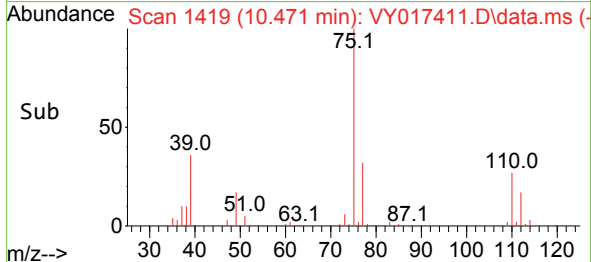
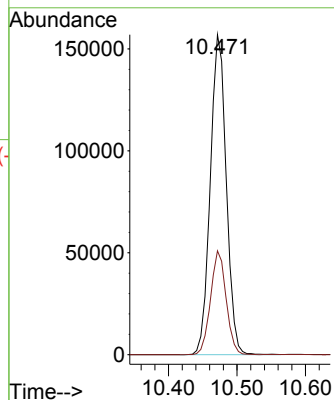
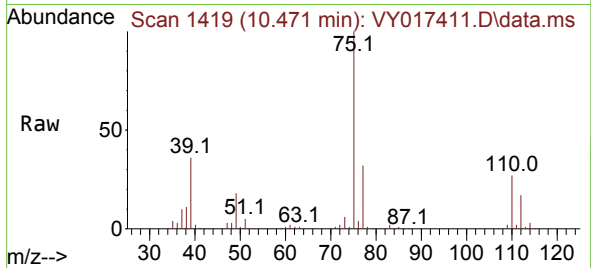




#53
 t-1,3-Dichloropropene
 Concen: 111.695 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017411.D
 Acq: 19 Feb 2024 18:12

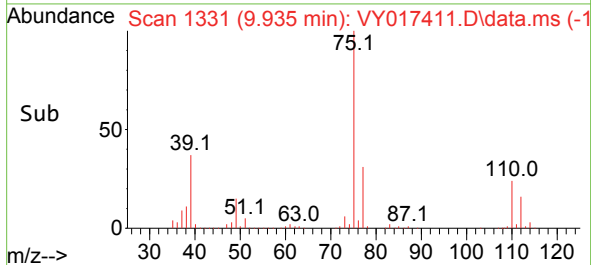
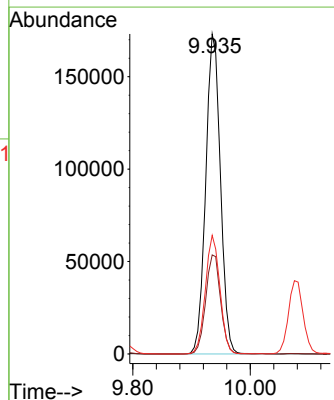
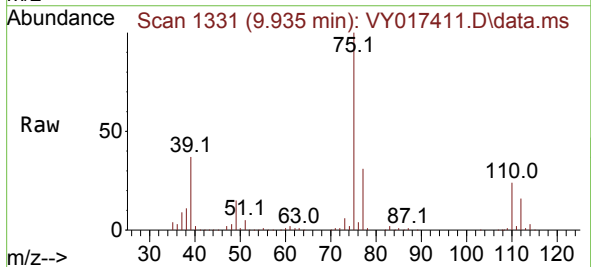
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

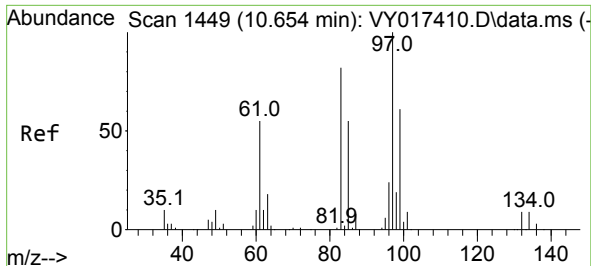
Tgt Ion: 75 Resp: 254711
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 107.447 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017411.D
 Acq: 19 Feb 2024 18:12

Tgt Ion: 75 Resp: 300613
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.4 38.0
 39 37.1 29.8 44.6

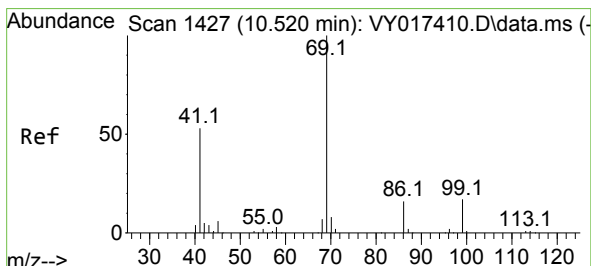
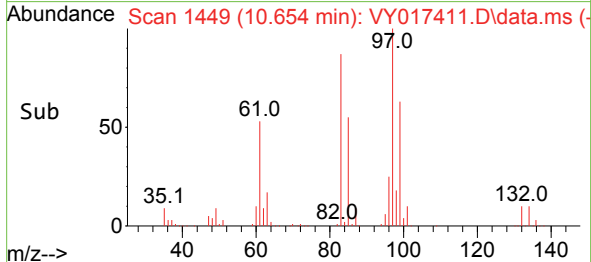
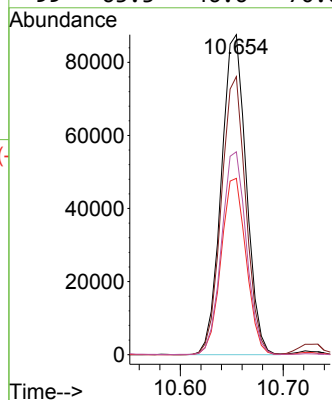
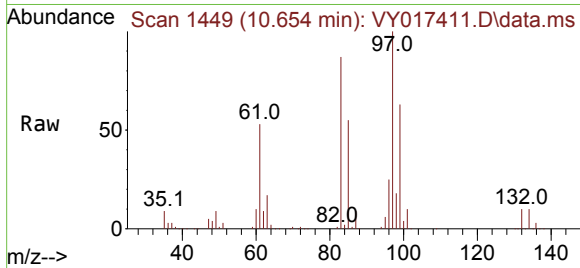




#55
 1,1,2-Trichloroethane
 Concen: 107.060 ug/l
 RT: 10.654 min Scan# 1449
 Delta R.T. 0.000 min
 Lab File: VY017411.D
 Acq: 19 Feb 2024 18:12

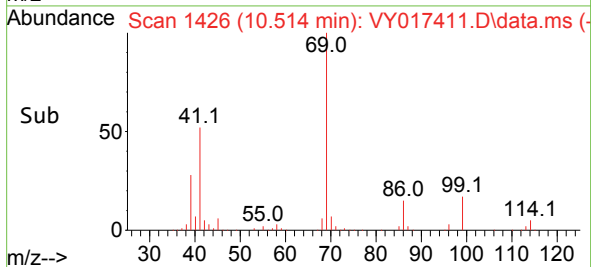
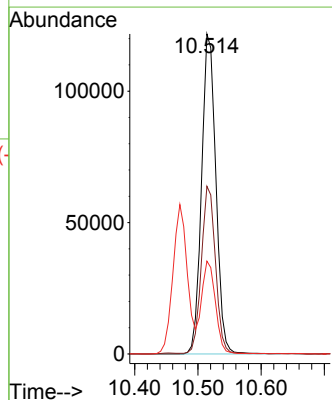
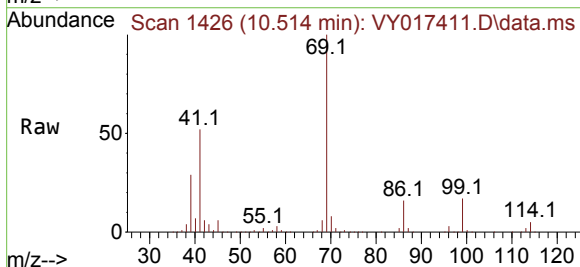
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

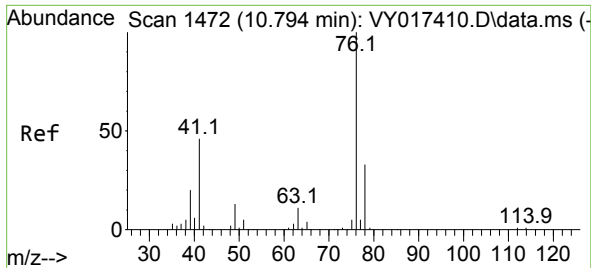
Tgt Ion: 97	Resp: 147550
Ion Ratio	Lower Upper
97 100	
83 86.9	67.5 101.3
85 55.1	42.9 64.3
99 63.3	46.6 70.0



#56
 Ethyl methacrylate
 Concen: 105.988 ug/l
 RT: 10.514 min Scan# 1426
 Delta R.T. -0.006 min
 Lab File: VY017411.D
 Acq: 19 Feb 2024 18:12

Tgt Ion: 69	Resp: 192107
Ion Ratio	Lower Upper
69 100	
41 51.5	42.3 63.5
39 28.0	22.9 34.3

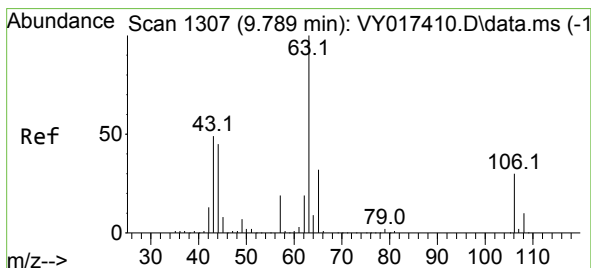
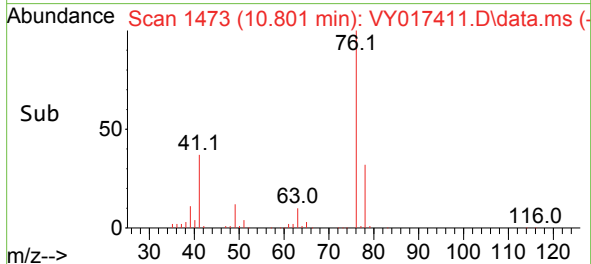
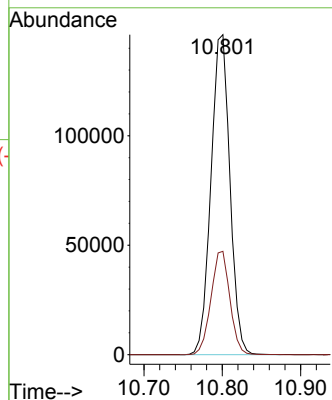
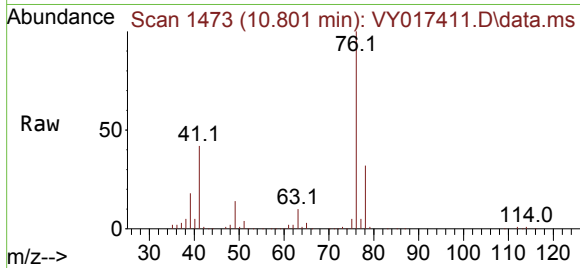




#57
1,3-Dichloropropane
Concen: 107.706 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

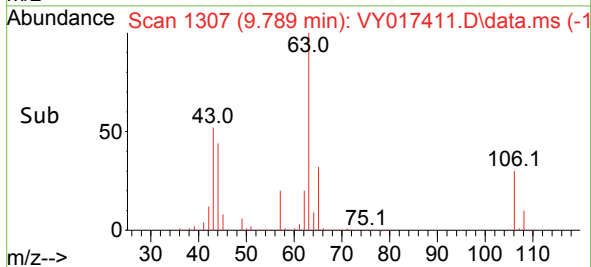
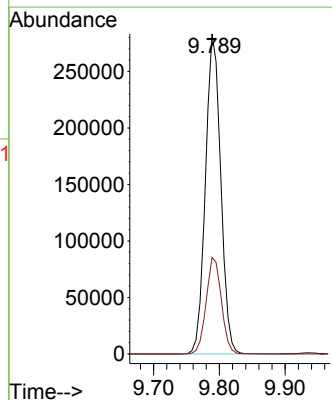
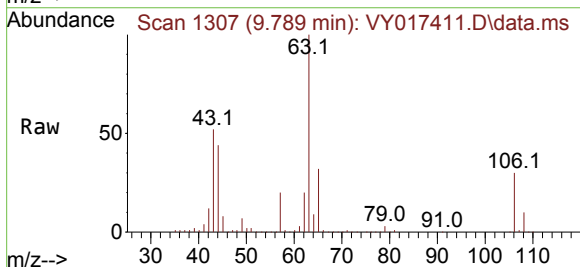
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

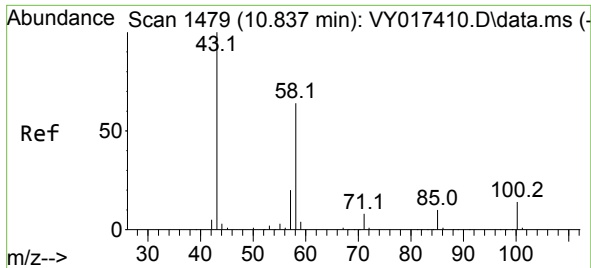
Tgt Ion: 76 Resp: 245605
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 554.688 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 63 Resp: 456773
Ion Ratio Lower Upper
63 100
106 30.1 23.7 35.5

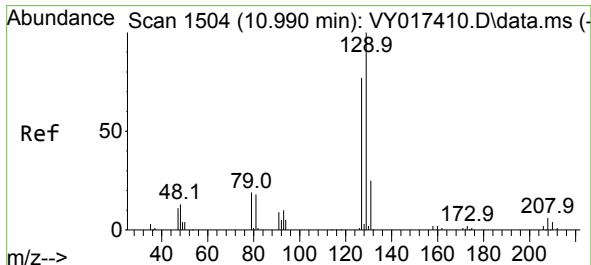
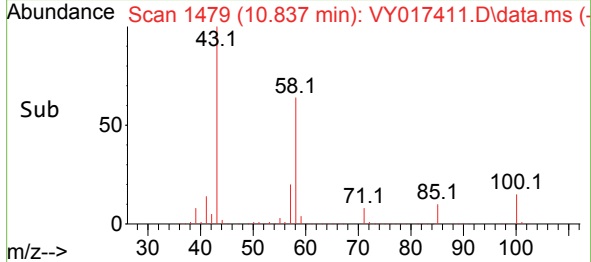
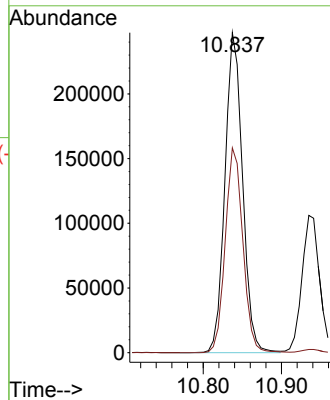
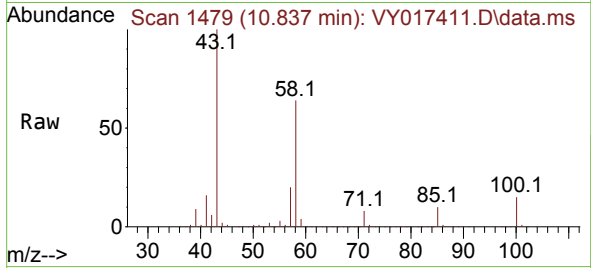




#59
2-Hexanone
Concen: 606.495 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

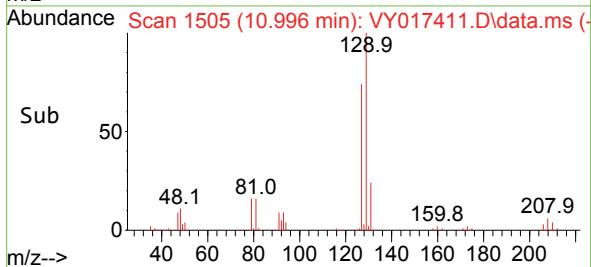
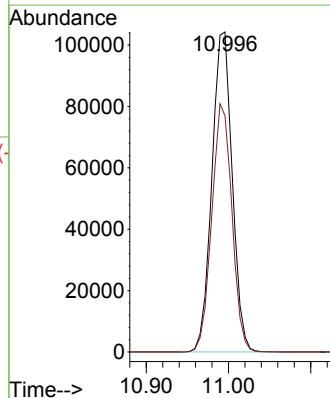
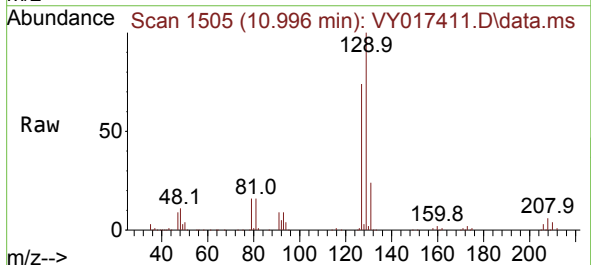
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

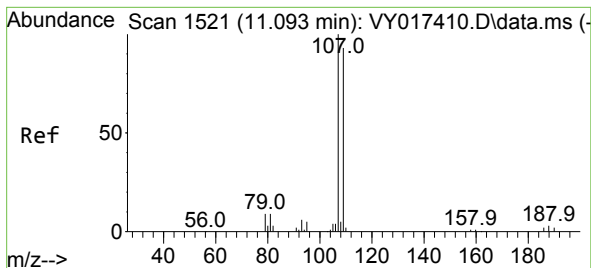
Tgt Ion: 43 Resp: 386486
Ion Ratio Lower Upper
43 100
58 64.1 31.4 94.0



#60
Dibromochloromethane
Concen: 109.092 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 129 Resp: 178727
Ion Ratio Lower Upper
129 100
127 76.9 39.0 117.0

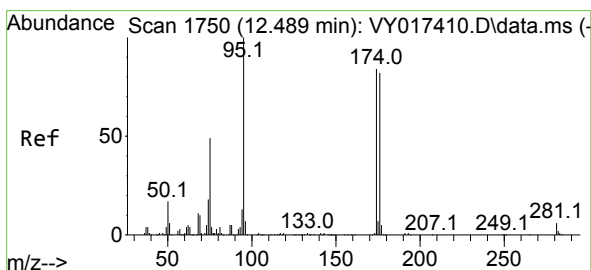
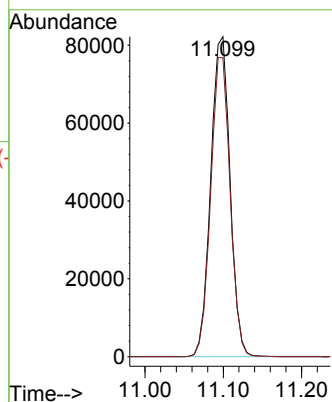
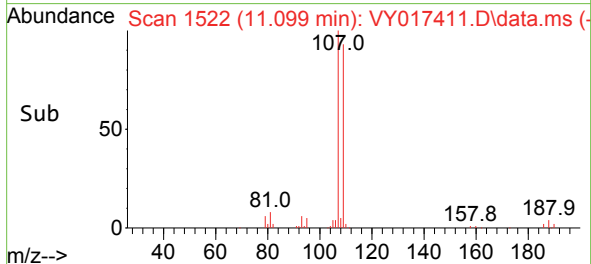
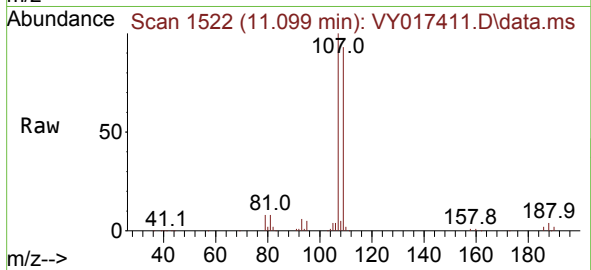




#61
1,2-Dibromoethane
Concen: 109.143 ug/l
RT: 11.099 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

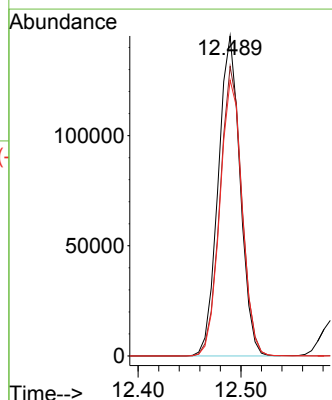
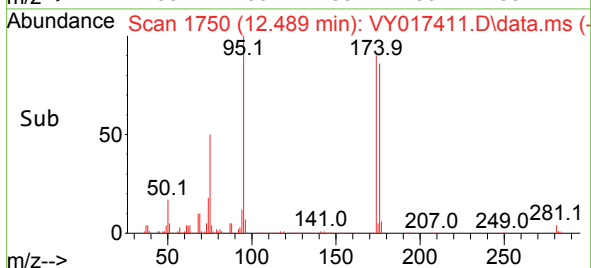
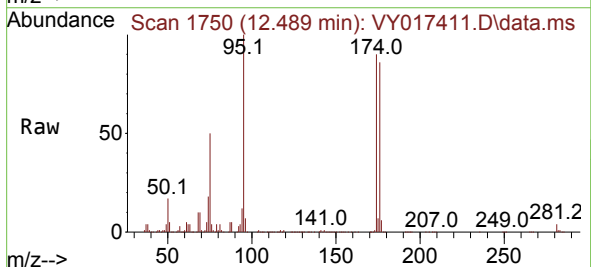
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

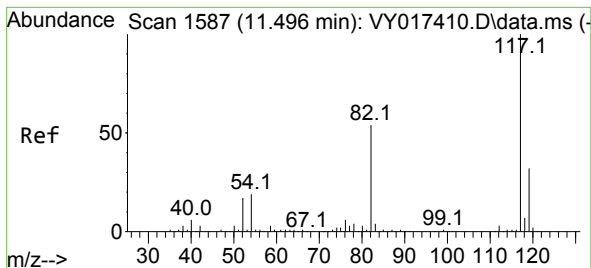
Tgt Ion:107 Resp: 140727
Ion Ratio Lower Upper
107 100
109 93.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 104.396 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 95 Resp: 214911
Ion Ratio Lower Upper
95 100
174 90.4 0.0 175.6
176 87.6 0.0 171.4

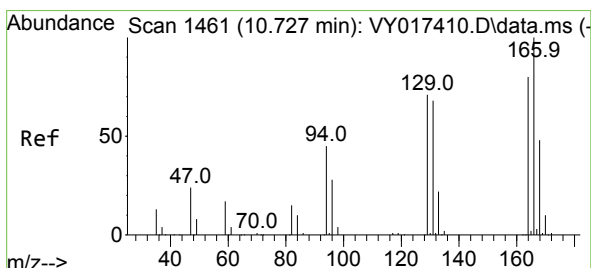
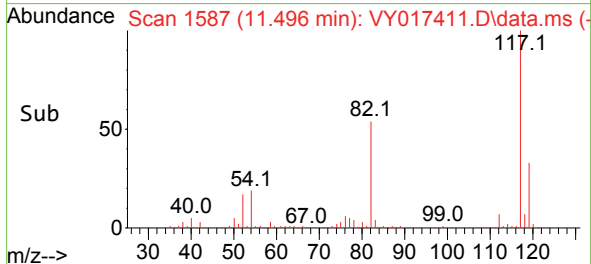
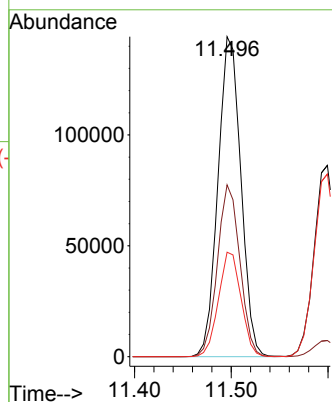
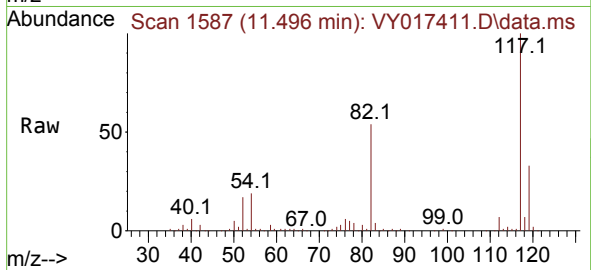




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

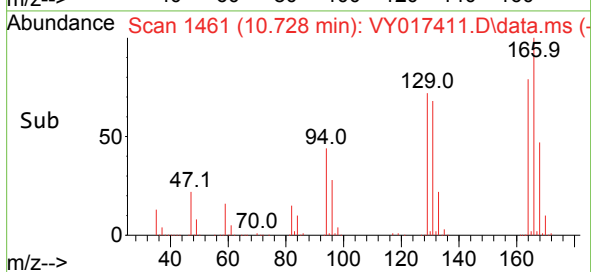
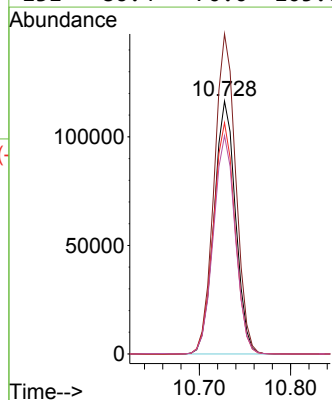
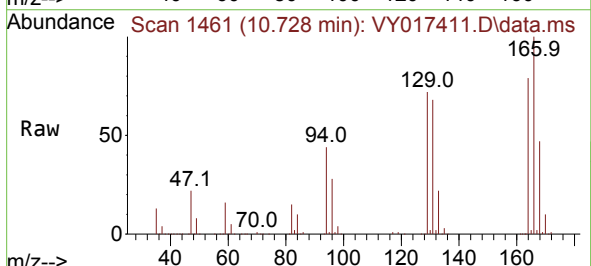
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

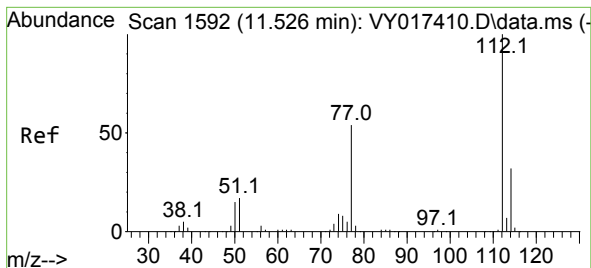
Tgt Ion:117 Resp: 237070
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 32.6 25.9 38.9



#64
Tetrachloroethene
Concen: 100.283 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion:164 Resp: 190264
Ion Ratio Lower Upper
164 100
166 126.6 102.6 154.0
129 91.5 72.0 108.0
131 86.4 70.0 105.0

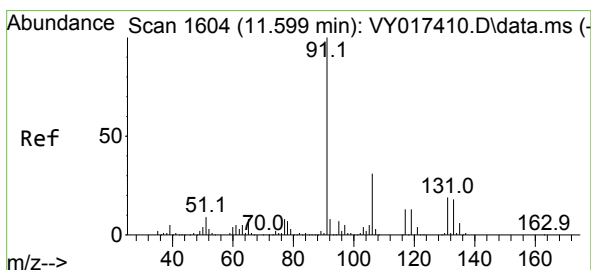
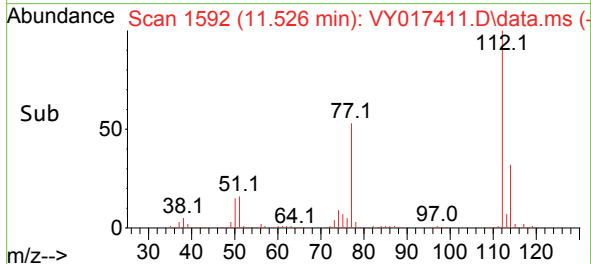
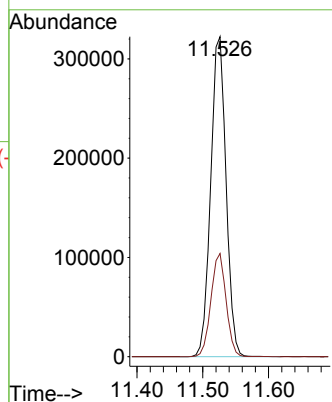
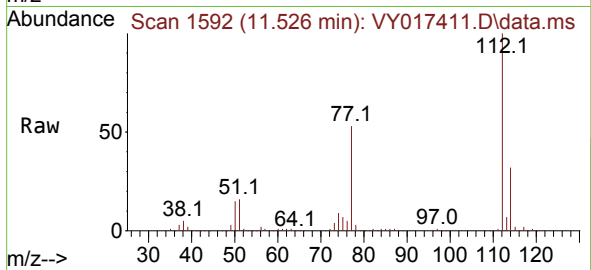




#65
Chlorobenzene
Concen: 102.525 ug/l
RT: 11.526 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

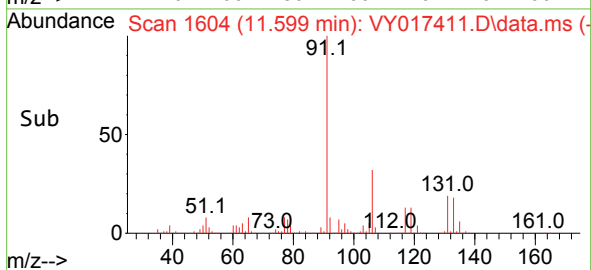
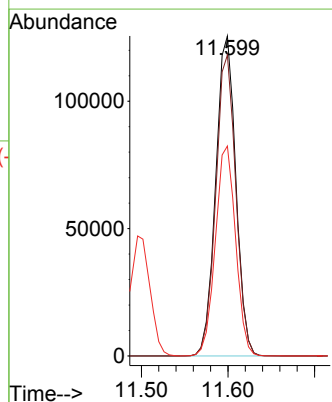
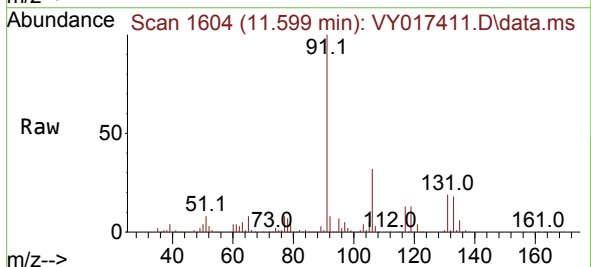
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

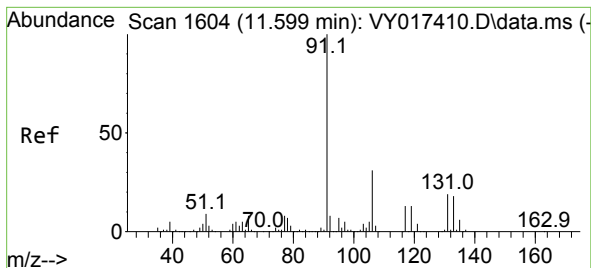
Tgt Ion:112 Resp: 523612
Ion Ratio Lower Upper
112 100
114 32.2 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 106.477 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion:131 Resp: 202504
Ion Ratio Lower Upper
131 100
133 93.8 47.8 143.3
119 66.2 34.1 102.2





#67

Ethyl Benzene

Concen: 107.211 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Instrument :

MSVOA_Y

ClientSampleId :

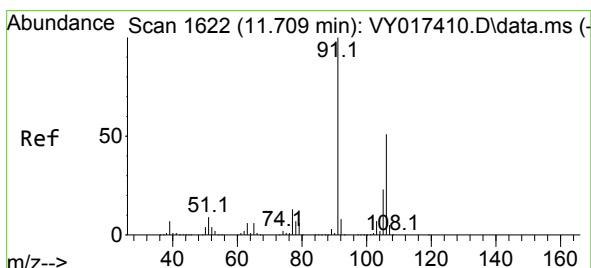
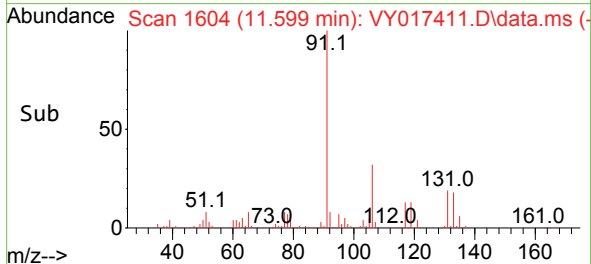
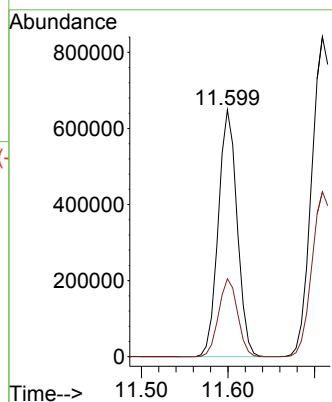
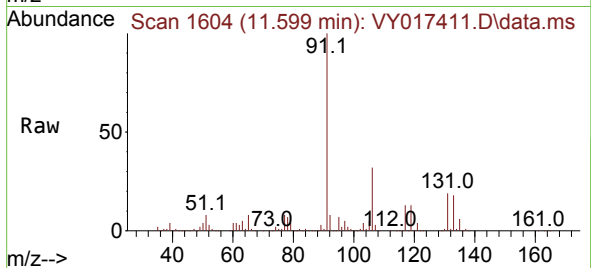
VSTDIC100

Tgt Ion: 91 Resp: 979291

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 215.410 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017411.D

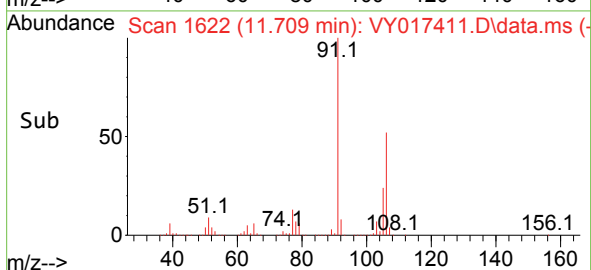
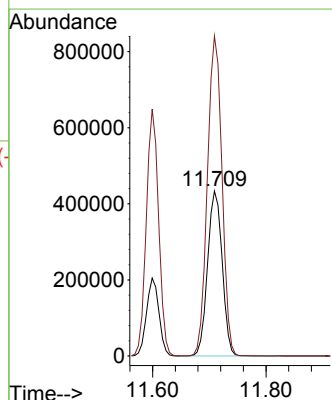
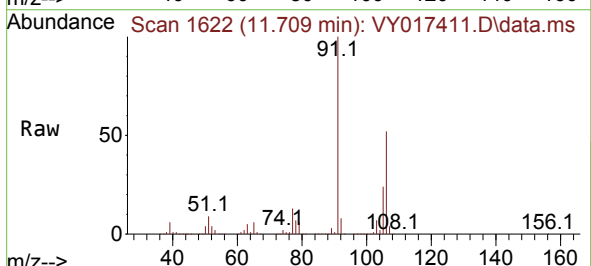
Acq: 19 Feb 2024 18:12

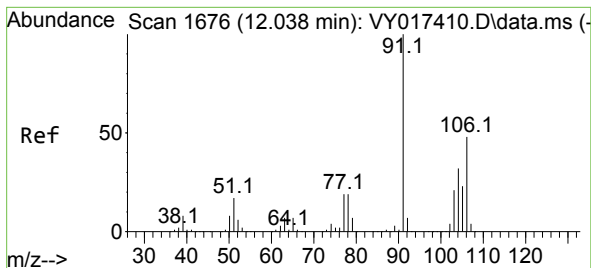
Tgt Ion:106 Resp: 773486

Ion Ratio Lower Upper

106 100

91 193.8 156.0 234.0





#69

o-Xylene

Concen: 110.849 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Instrument :

MSVOA_Y

ClientSampleId :

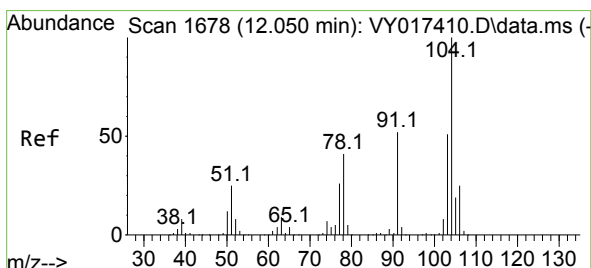
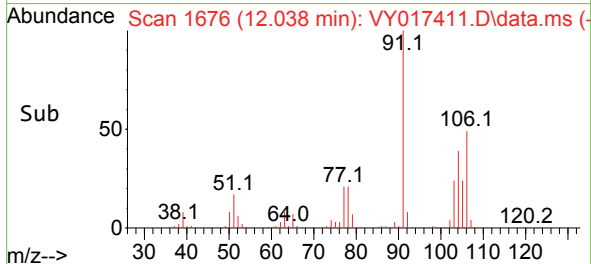
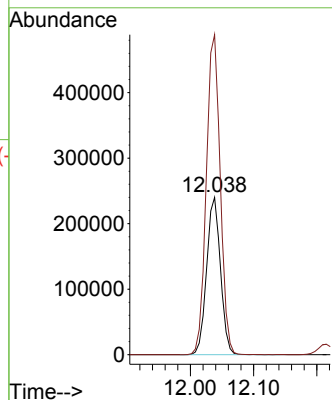
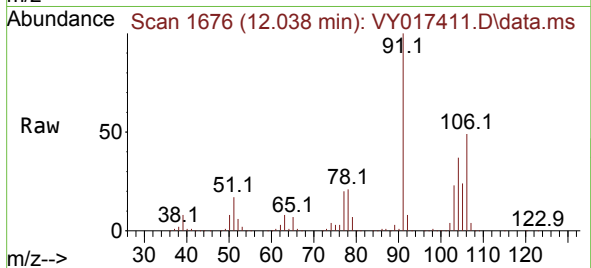
VSTDICC100

Tgt Ion:106 Resp: 365157

Ion Ratio Lower Upper

106 100

91 205.1 103.6 310.8



#70

Styrene

Concen: 113.510 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

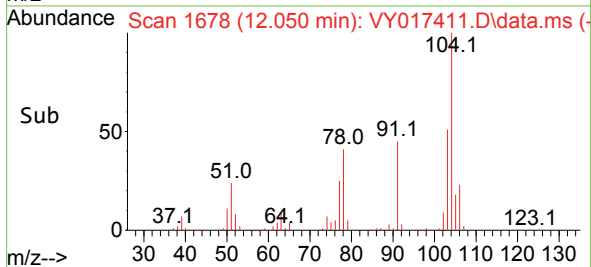
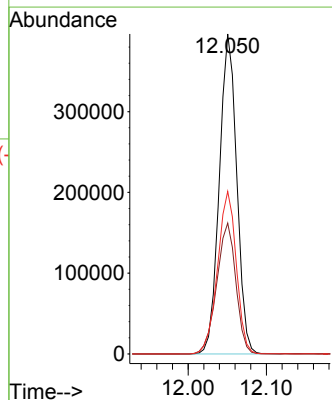
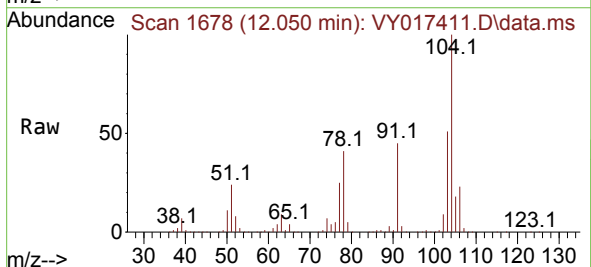
Tgt Ion:104 Resp: 614143

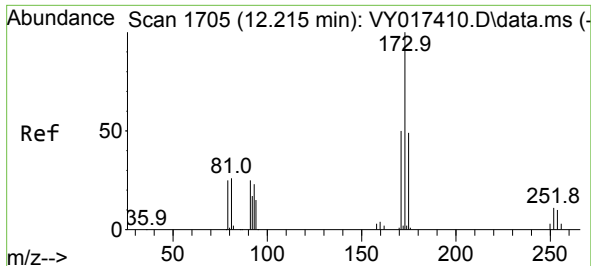
Ion Ratio Lower Upper

104 100

78 44.9 37.0 55.4

103 54.5 44.2 66.2

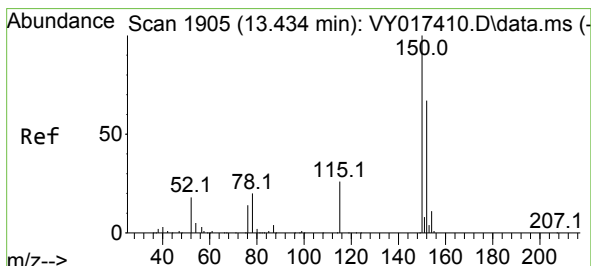
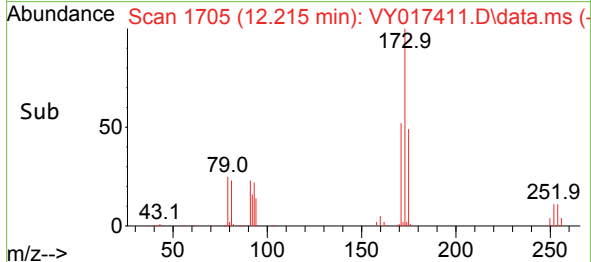
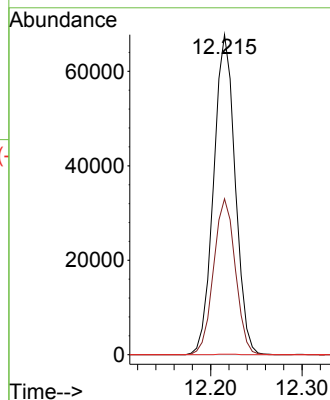
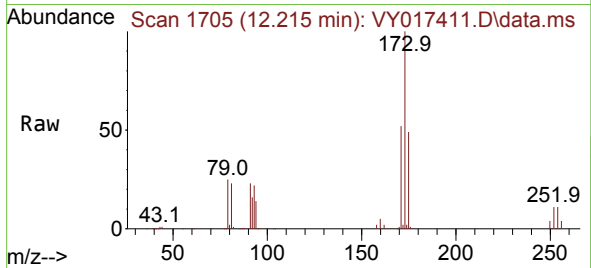




#71
Bromoform
Concen: 112.162 ug/l
RT: 12.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

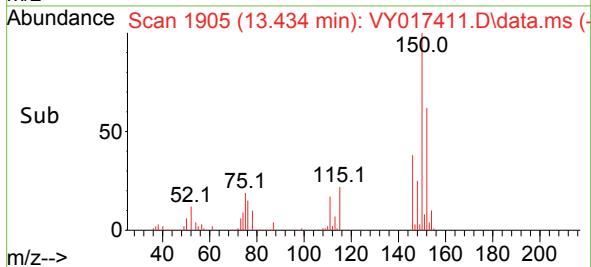
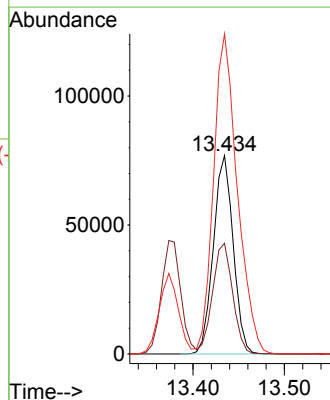
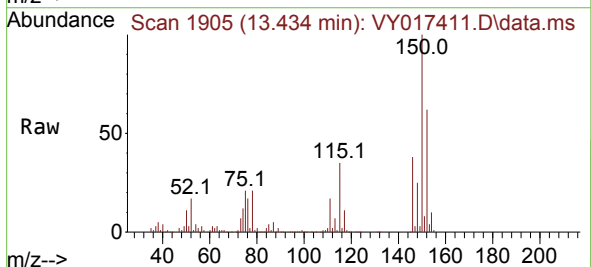
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

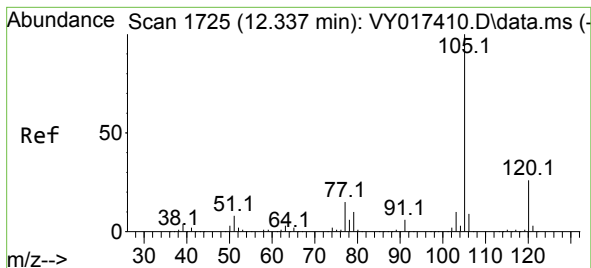
Tgt Ion:173 Resp: 110986
Ion Ratio Lower Upper
173 100
175 49.2 25.1 75.3
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion:152 Resp: 115676
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 194.5 0.0 345.6





#73

Isopropylbenzene

Concen: 104.205 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Instrument :

MSVOA_Y

ClientSampleId :

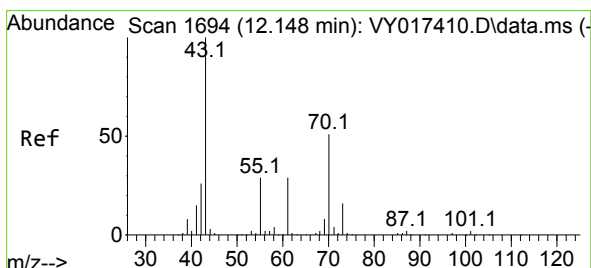
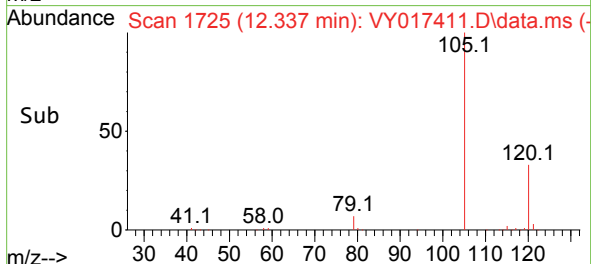
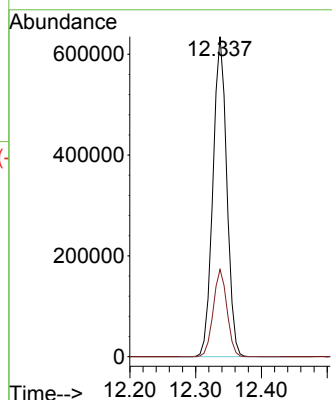
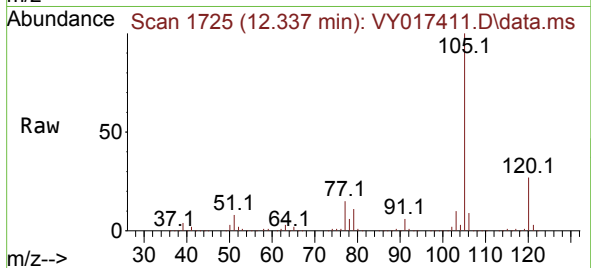
VSTDICC100

Tgt Ion:105 Resp: 931101

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-ethyl acetate

Concen: 114.192 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Tgt Ion: 43 Resp: 177661

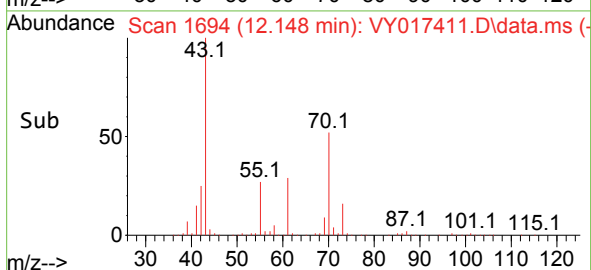
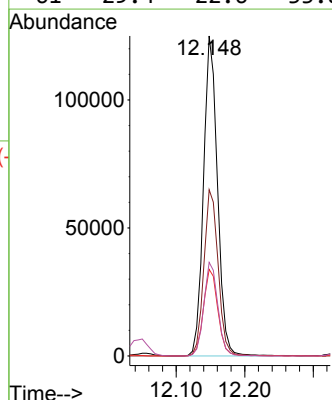
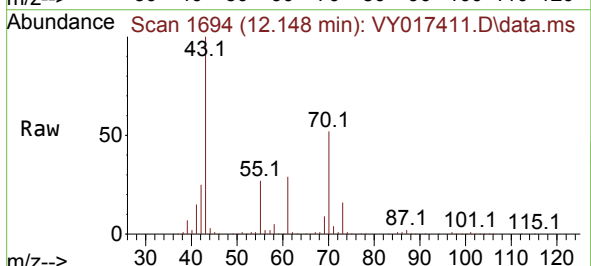
Ion Ratio Lower Upper

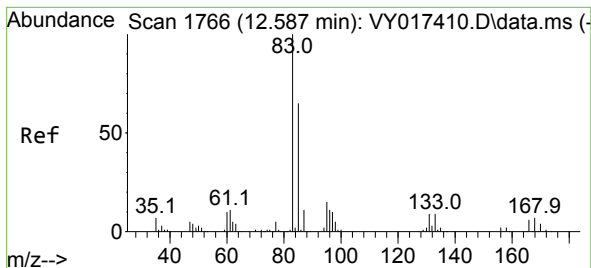
43 100

70 53.3 41.4 62.2

55 28.2 23.3 34.9

61 29.4 22.6 33.8

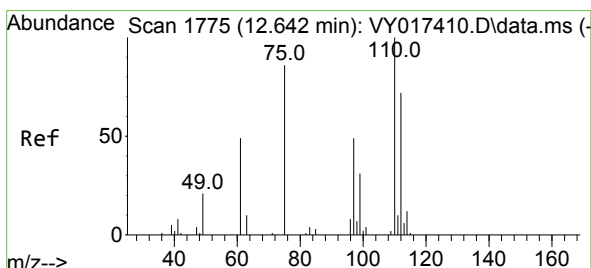
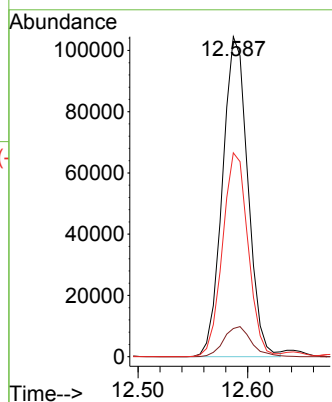
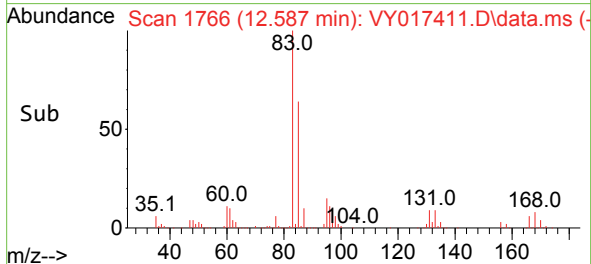
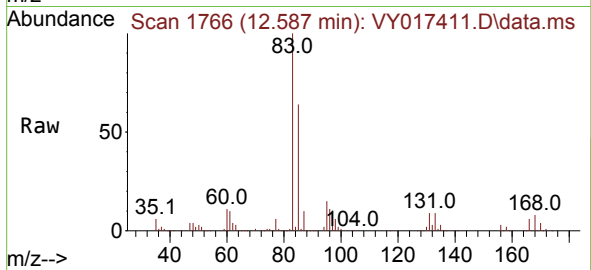




#75
1,1,2,2-Tetrachloroethane
Concen: 105.213 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

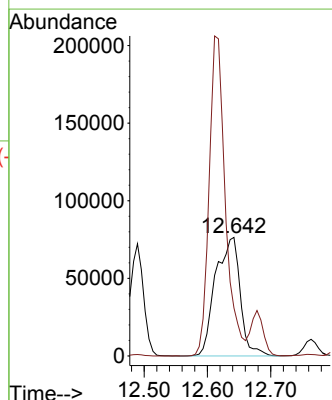
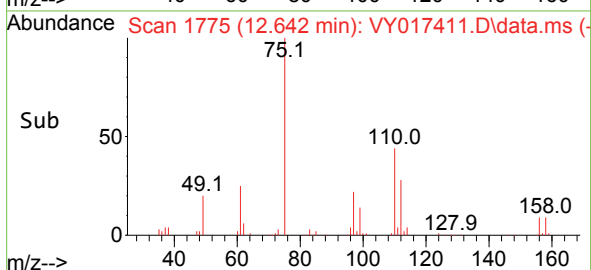
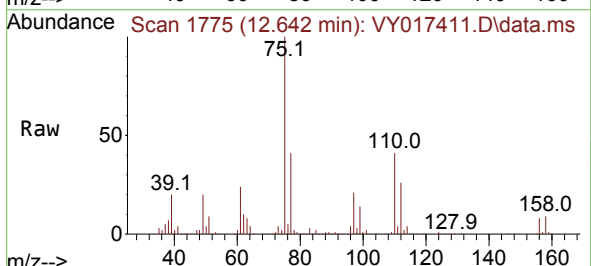
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

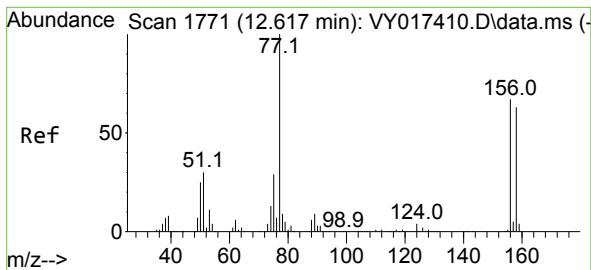
Tgt Ion: 83 Resp: 168020
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 64.2 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 184.046 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 75 Resp: 206985
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 103.513 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

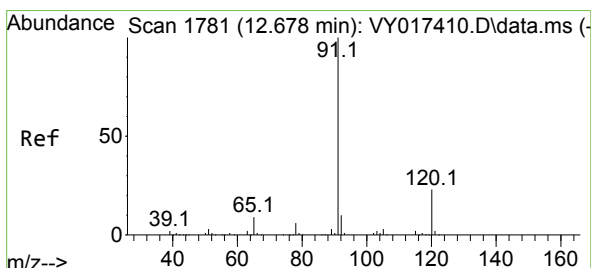
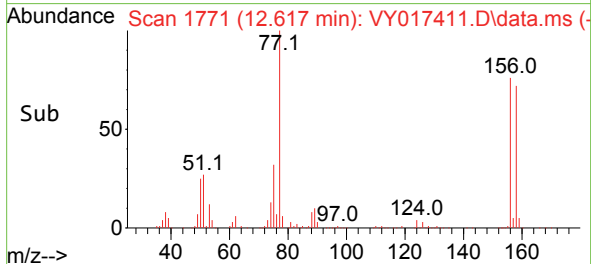
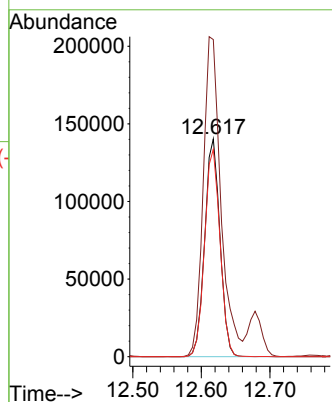
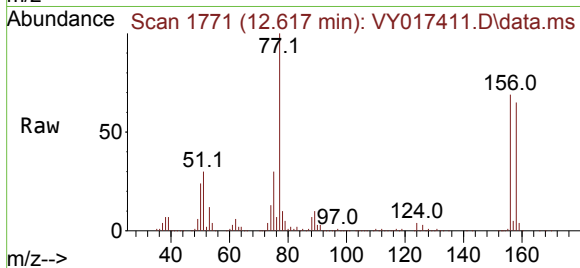
Tgt Ion:156 Resp: 216920

Ion Ratio Lower Upper

156 100

77 170.6 87.1 261.3

158 96.8 48.6 145.9



#78

n-propylbenzene

Concen: 103.519 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017411.D

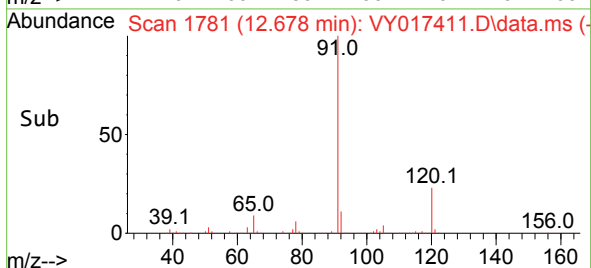
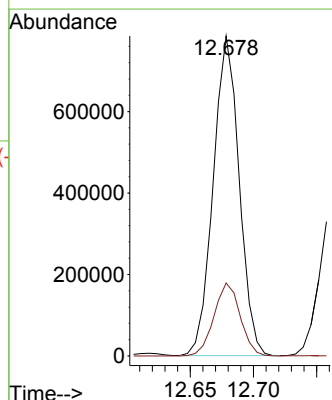
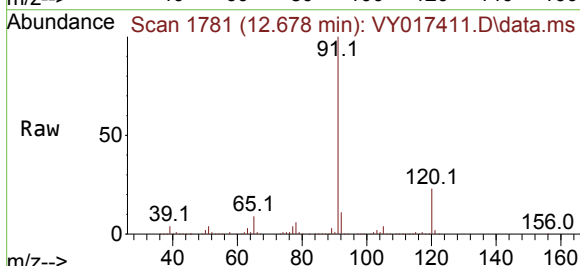
Acq: 19 Feb 2024 18:12

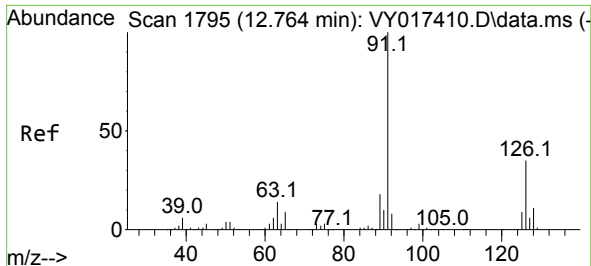
Tgt Ion: 91 Resp: 1118807

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

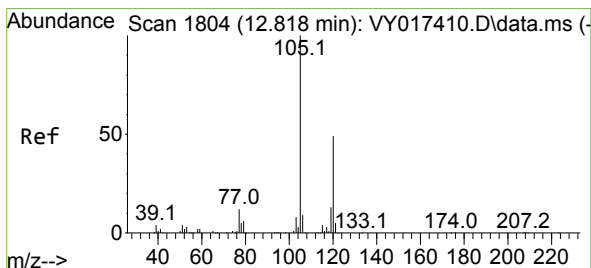
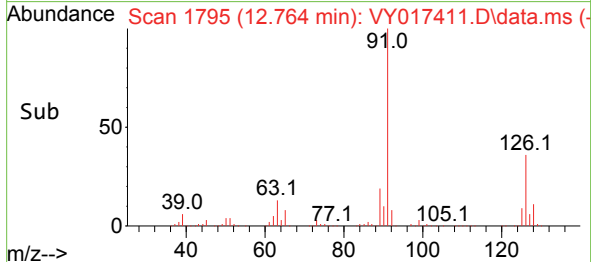
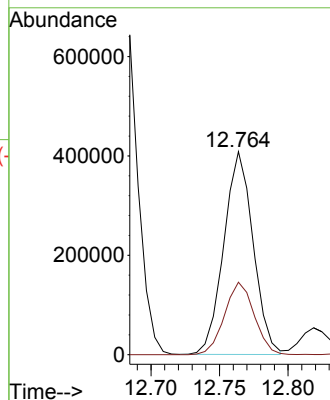
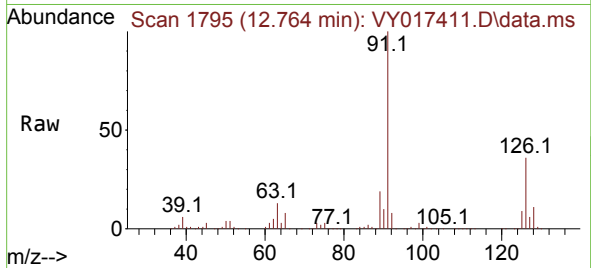




#79
2-Chlorotoluene
Concen: 102.195 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

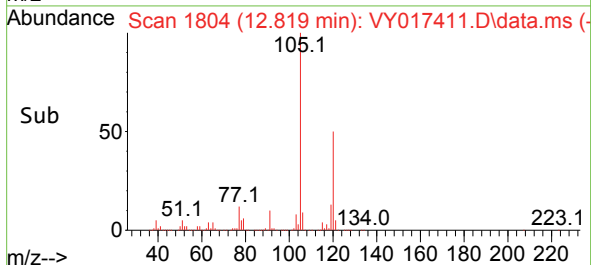
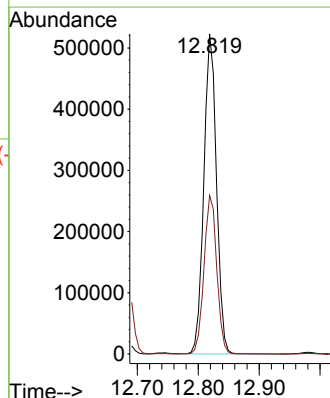
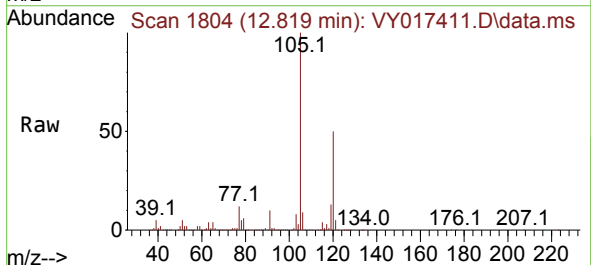
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

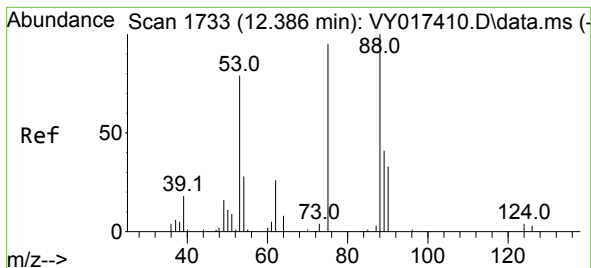
Tgt Ion: 91 Resp: 608165
Ion Ratio Lower Upper
91 100
126 36.2 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 105.645 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 105 Resp: 755042
Ion Ratio Lower Upper
105 100
120 50.1 25.1 75.2

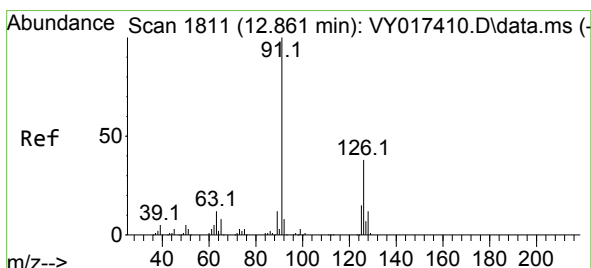
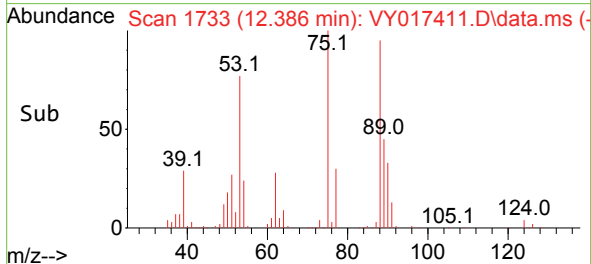
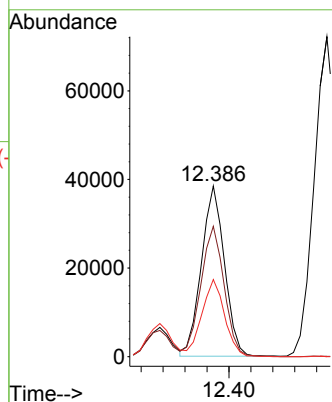
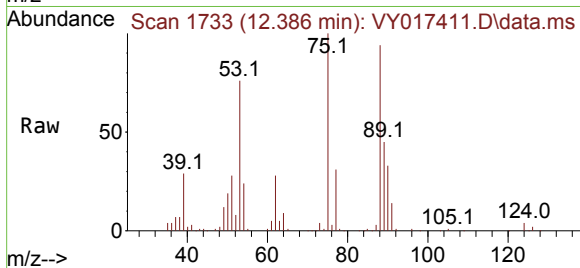




#81
trans-1,4-Dichloro-2-butene
Concen: 116.398 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

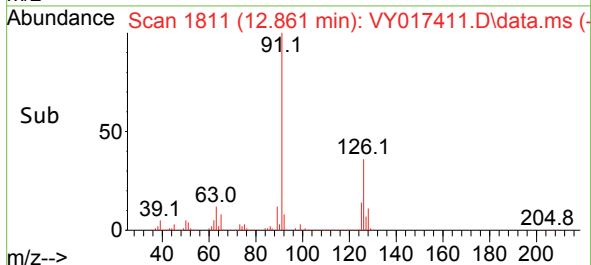
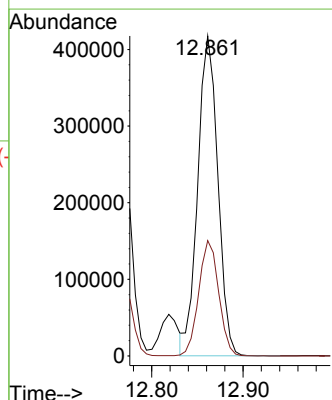
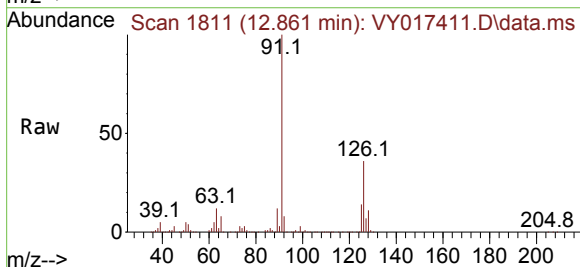
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

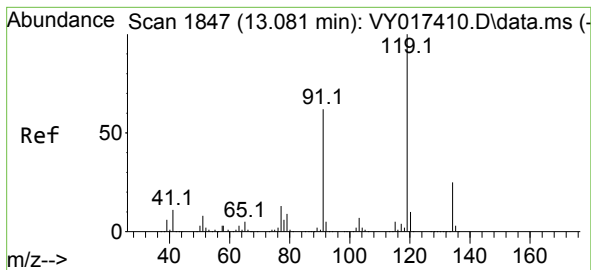
Tgt Ion: 75 Resp: 55993
Ion Ratio Lower Upper
75 100
53 78.1 66.8 100.2
89 44.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 103.751 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion: 91 Resp: 637135
Ion Ratio Lower Upper
91 100
126 35.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 106.199 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

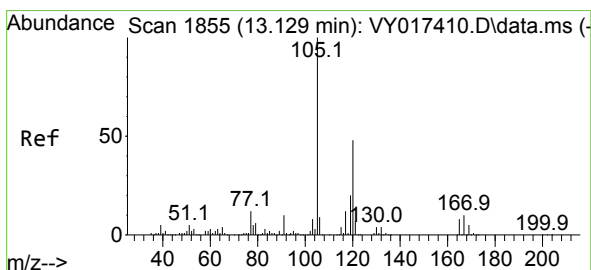
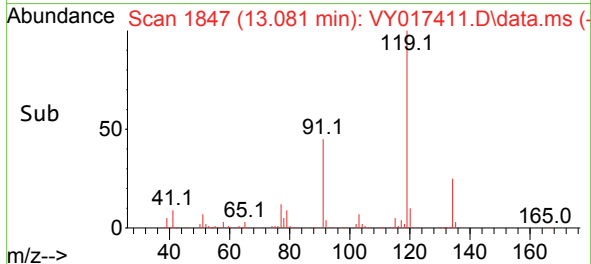
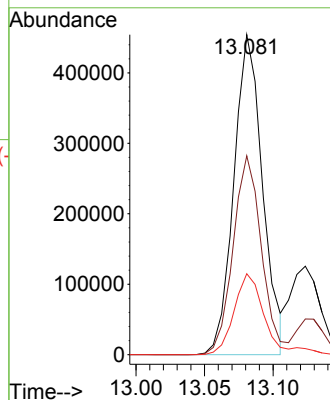
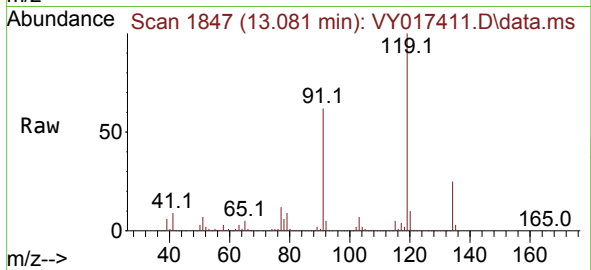
Tgt Ion:119 Resp: 662773

Ion Ratio Lower Upper

119 100

91 61.8 31.3 93.8

134 27.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 107.853 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017411.D

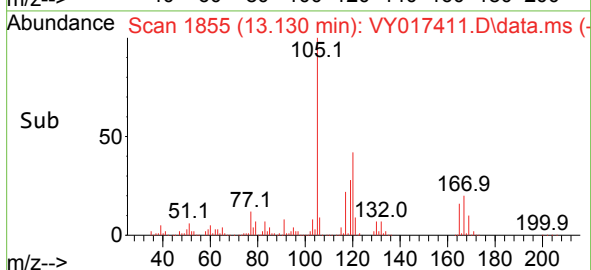
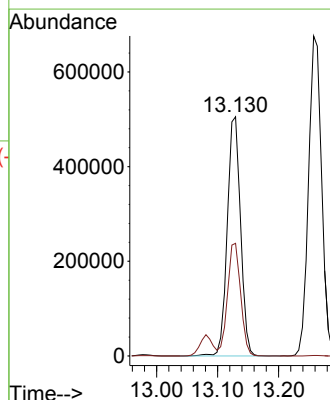
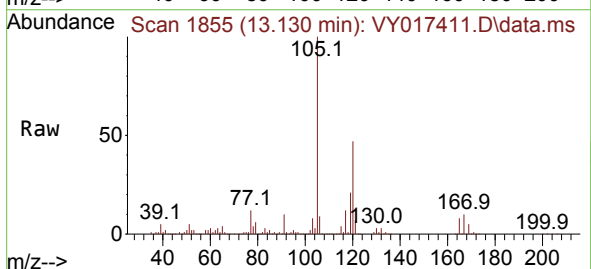
Acq: 19 Feb 2024 18:12

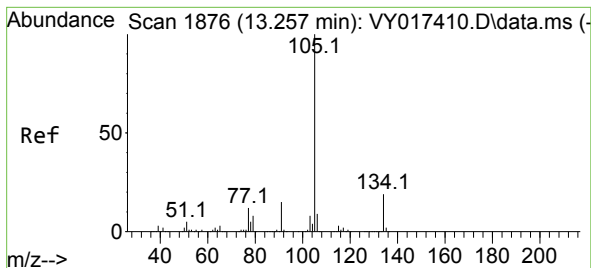
Tgt Ion:105 Resp: 763639

Ion Ratio Lower Upper

105 100

120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 104.631 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Instrument :

MSVOA_Y

ClientSampleId :

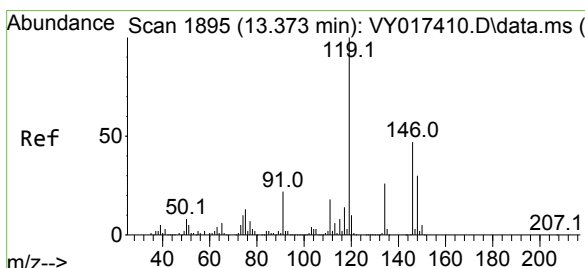
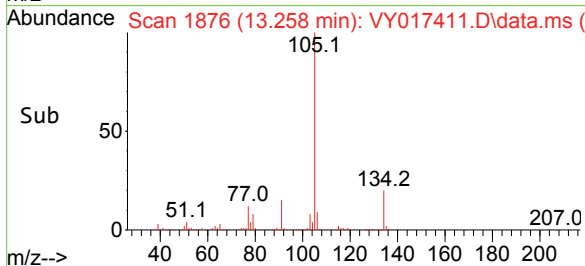
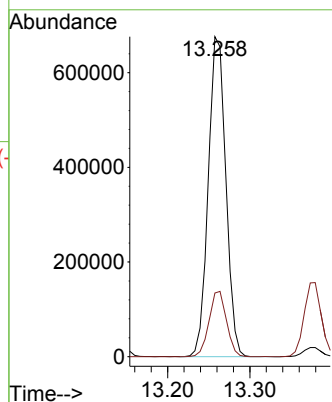
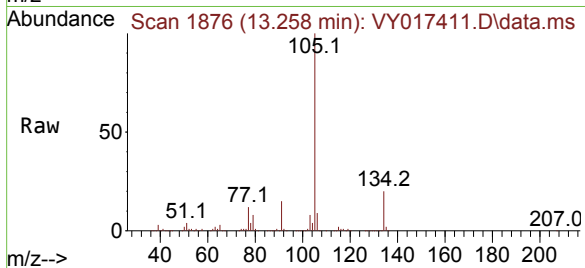
VSTDICC100

Tgt Ion:105 Resp: 1002949

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 107.792 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

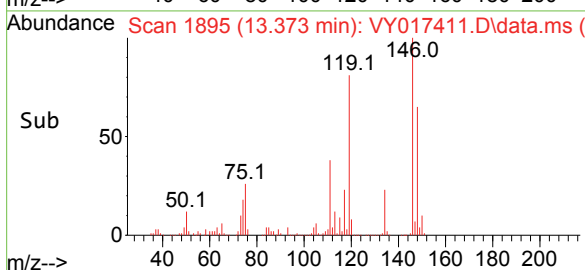
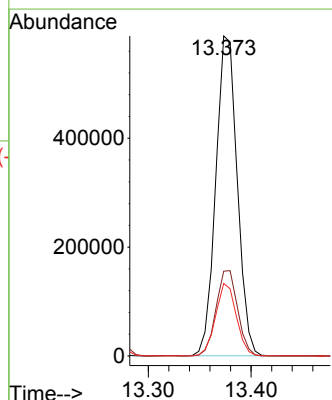
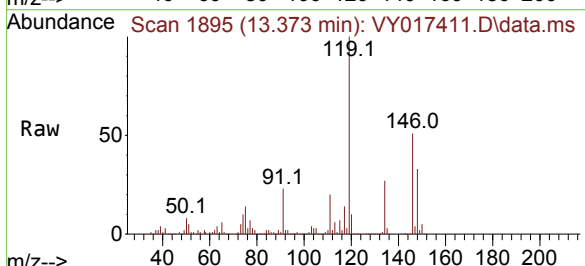
Tgt Ion:119 Resp: 851021

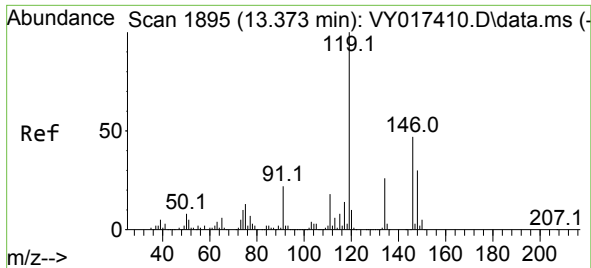
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 21.9 10.7 32.1

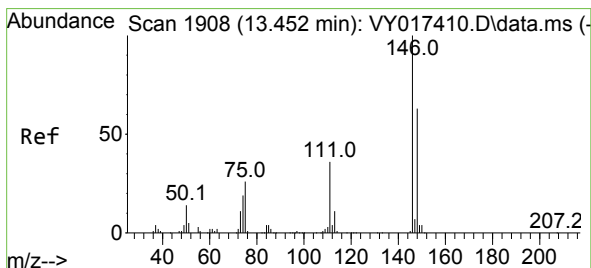
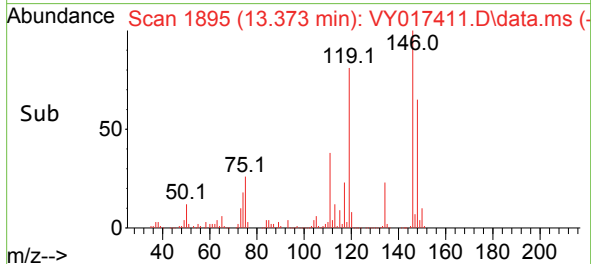
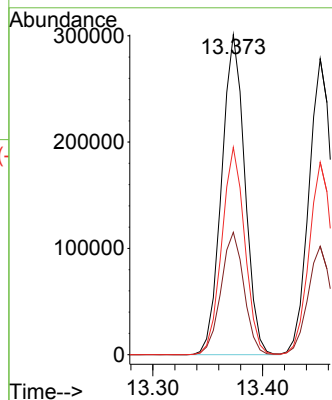
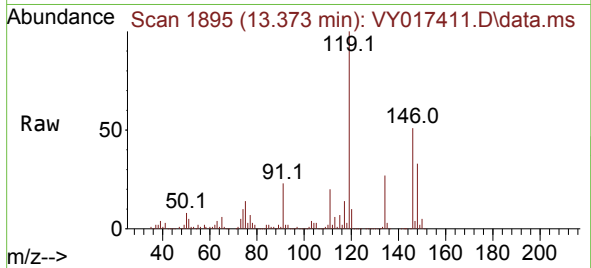




#87
1,3-Dichlorobenzene
Concen: 104.890 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

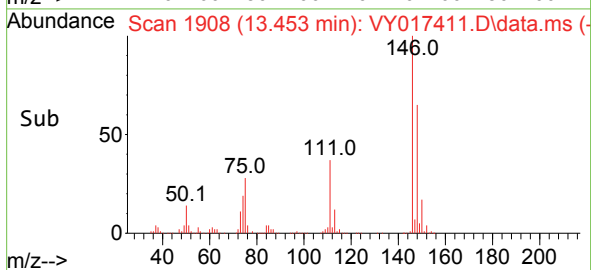
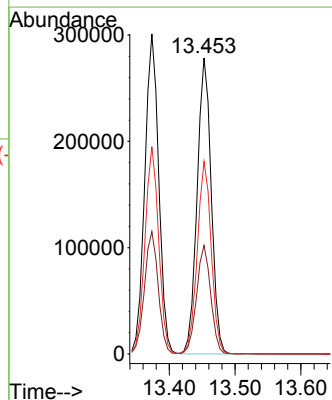
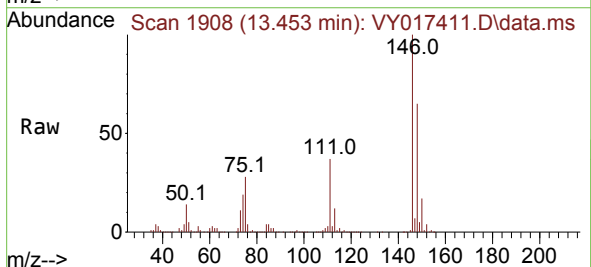
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

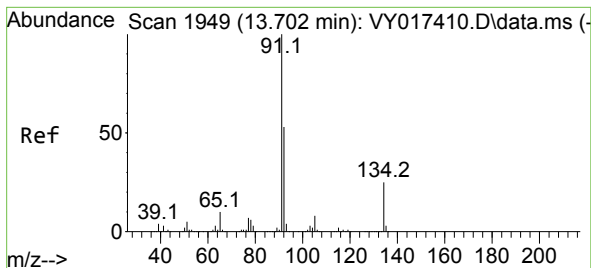
Tgt Ion:146 Resp: 443897
Ion Ratio Lower Upper
146 100
111 37.8 19.0 57.0
148 63.8 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 101.530 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY017411.D
Acq: 19 Feb 2024 18:12

Tgt Ion:146 Resp: 414880
Ion Ratio Lower Upper
146 100
111 36.7 18.4 55.4
148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 106.115 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

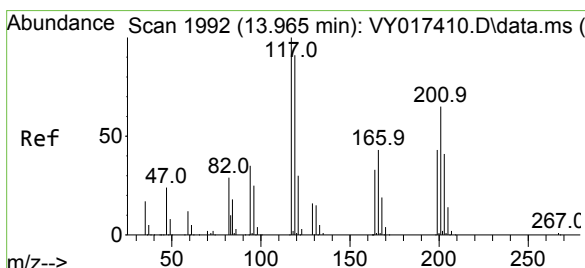
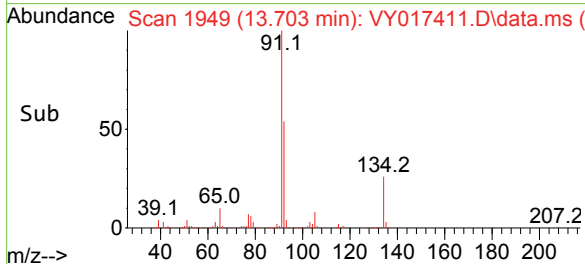
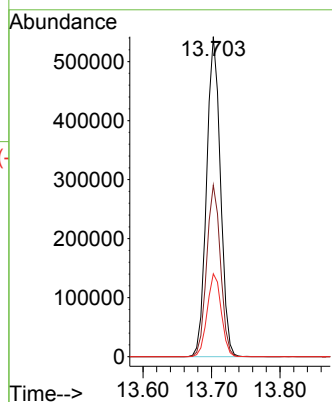
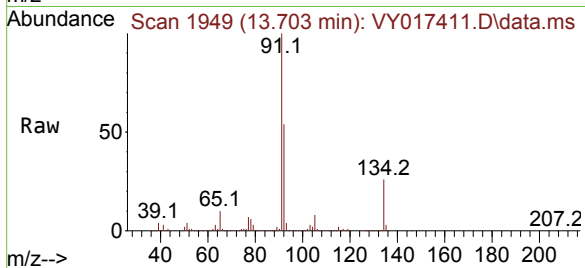
Tgt Ion: 91 Resp: 761952

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

134 26.3 12.9 38.7



#90

Hexachloroethane

Concen: 101.439 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017411.D

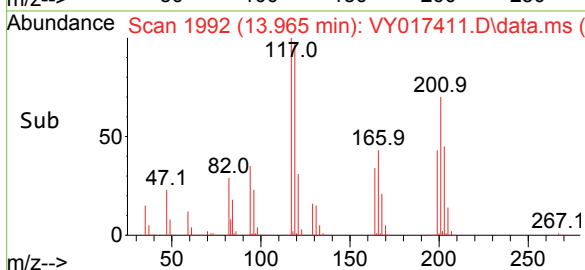
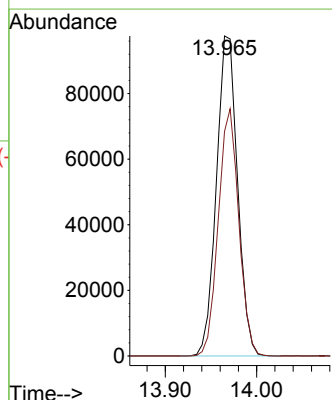
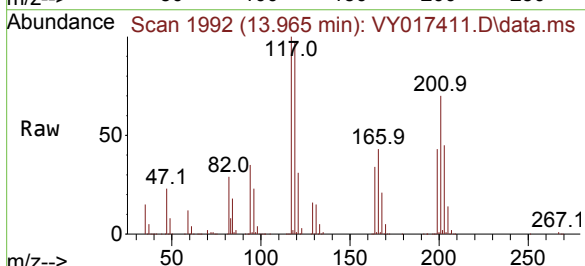
Acq: 19 Feb 2024 18:12

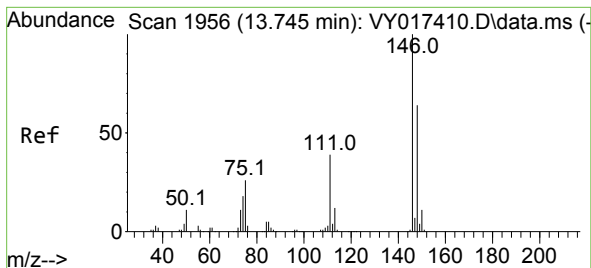
Tgt Ion: 117 Resp: 156927

Ion Ratio Lower Upper

117 100

201 74.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 103.648 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

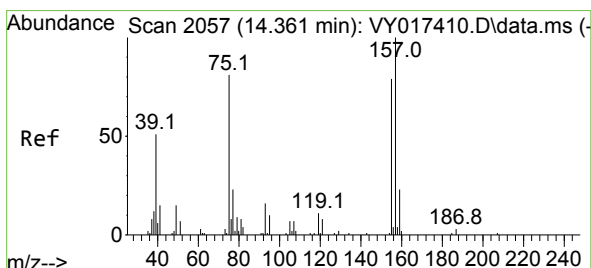
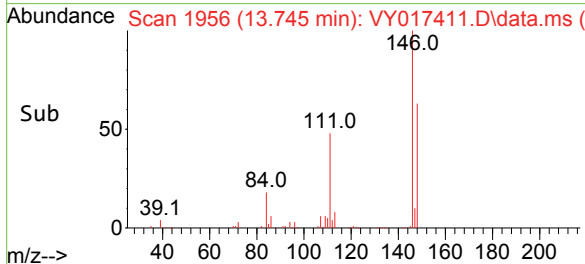
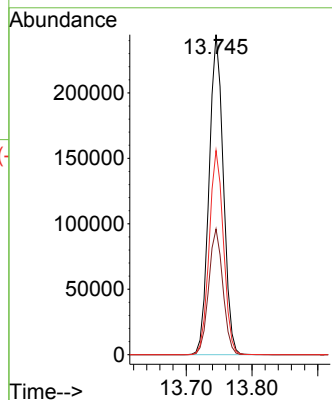
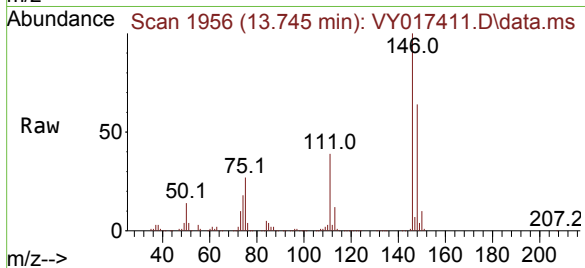
Tgt Ion:146 Resp: 369216

Ion Ratio Lower Upper

146 100

111 39.0 19.9 59.7

148 63.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 107.757 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

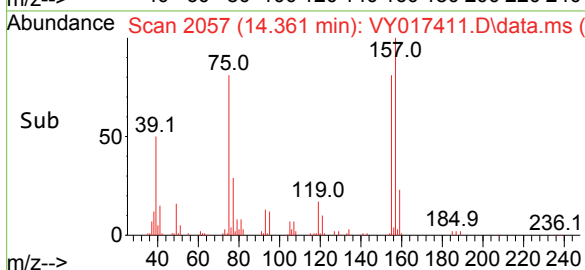
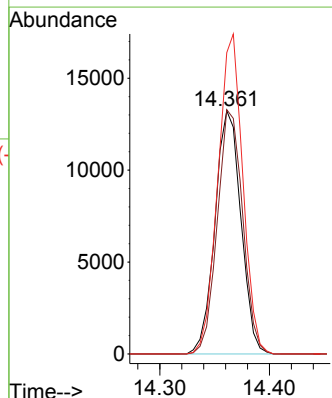
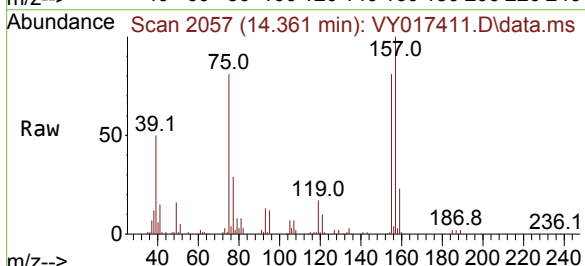
Tgt Ion: 75 Resp: 21751

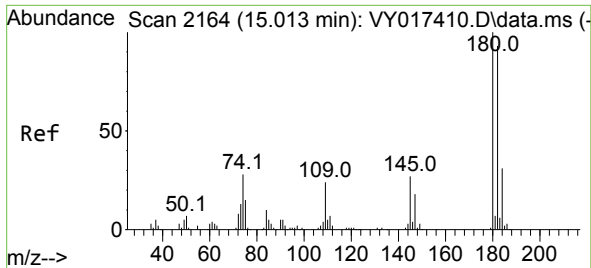
Ion Ratio Lower Upper

75 100

155 97.8 48.6 145.8

157 126.2 62.7 188.2

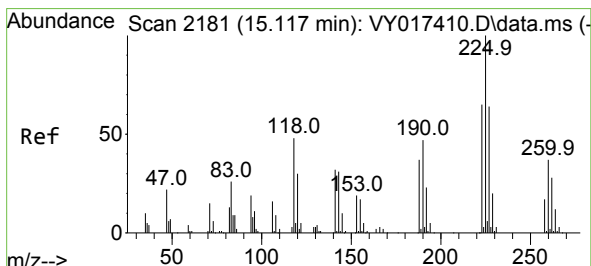
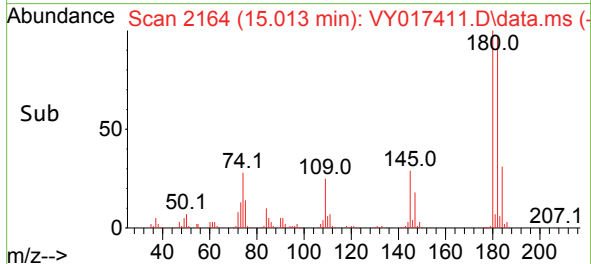
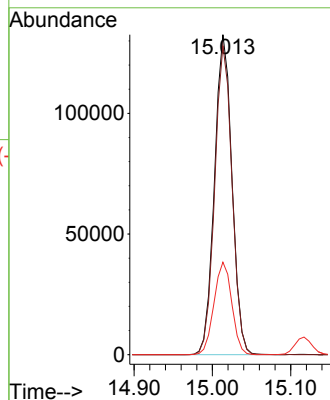
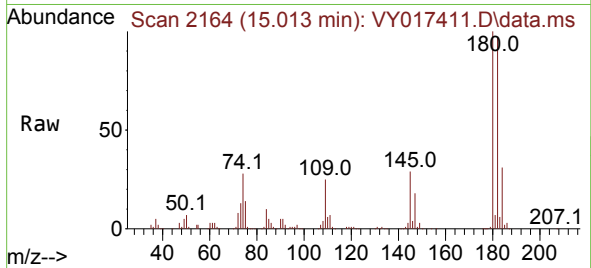




#93
 1,2,4-Trichlorobenzene
 Concen: 110.431 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: VY017411.D
 Acq: 19 Feb 2024 18:12

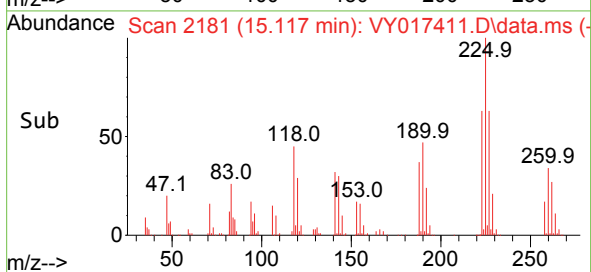
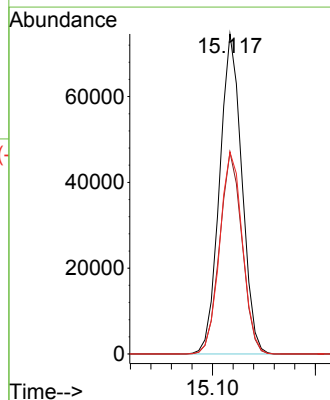
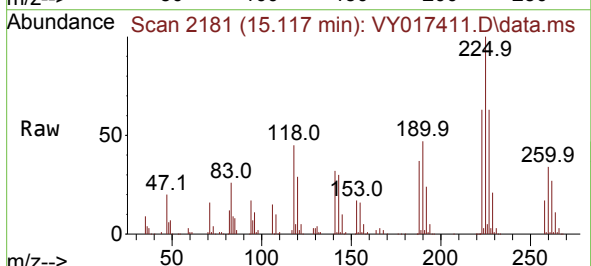
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

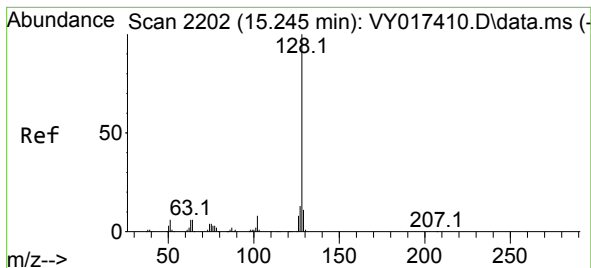
Tgt Ion:180 Resp: 205686
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.9 143.8
 145 29.4 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 98.859 ug/l
 RT: 15.117 min Scan# 2181
 Delta R.T. 0.000 min
 Lab File: VY017411.D
 Acq: 19 Feb 2024 18:12

Tgt Ion:225 Resp: 111989
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.4 91.2
 227 64.5 31.9 95.9





#95

Naphthalene

Concen: 107.086 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

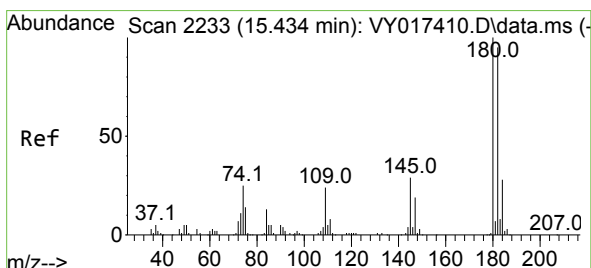
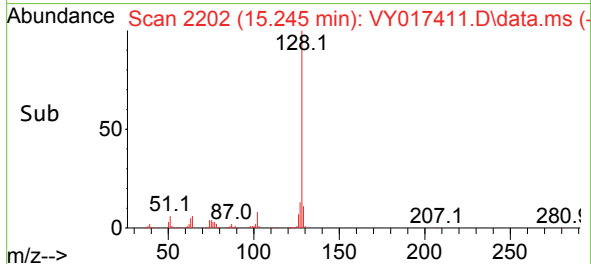
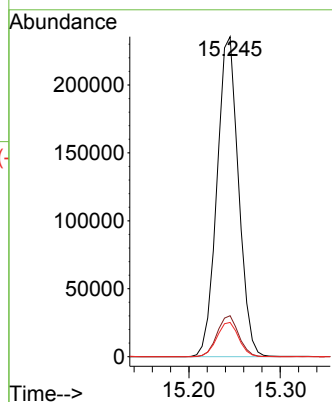
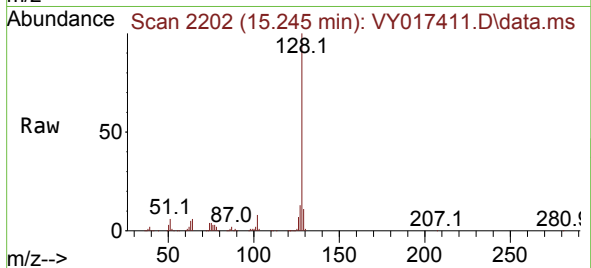
Tgt Ion:128 Resp: 385500

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 112.284 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017411.D

Acq: 19 Feb 2024 18:12

Tgt Ion:180 Resp: 175823

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.9

145 30.5 15.4 46.1

