

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016419.D
 Acq On : 17 Nov 2023 18:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 18 05:24:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	145269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	237611	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	208797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97567	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69598	52.420	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.840%	
35) Dibromofluoromethane	7.722	113	74437	55.147	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.300%	
50) Toluene-d8	10.185	98	280713	51.285	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.560%	
62) 4-Bromofluorobenzene	12.483	95	93958	52.852	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	65676	46.172	ug/l	98
3) Chloromethane	2.113	50	76011	45.628	ug/l	100
4) Vinyl Chloride	2.253	62	82882	46.268	ug/l	99
5) Bromomethane	2.656	94	55043	46.756	ug/l	99
6) Chloroethane	2.796	64	55146	48.245	ug/l	96
7) Trichlorofluoromethane	3.125	101	132487	50.836	ug/l	97
8) Diethyl Ether	3.533	74	41599	53.406	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.905	101	79327	50.536	ug/l	96
10) Methyl Iodide	4.094	142	91151	53.767	ug/l	98
11) Tert butyl alcohol	4.954	59	26024	250.304	ug/l #	80
12) 1,1-Dichloroethene	3.875	96	73865	50.317	ug/l	87
13) Acrolein	3.729	56	33492	267.069	ug/l	98
14) Allyl chloride	4.484	41	104336	50.085	ug/l #	90
15) Acrylonitrile	5.167	53	84635	273.800	ug/l	97
16) Acetone	3.948	43	62423	284.234	ug/l	91
17) Carbon Disulfide	4.198	76	209510	47.301	ug/l	97
18) Methyl Acetate	4.478	43	69422	59.488	ug/l #	88
19) Methyl tert-butyl Ether	5.222	73	192405	54.153	ug/l	99
20) Methylene Chloride	4.722	84	94341	61.616	ug/l #	85
21) trans-1,2-Dichloroethene	5.222	96	86169	50.981	ug/l	93
22) Diisopropyl ether	6.124	45	235430	52.440	ug/l #	87
23) Vinyl Acetate	6.063	43	549406	252.557	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	145836	52.655	ug/l	96
25) 2-Butanone	6.990	43	101935	264.992	ug/l	92
26) 2,2-Dichloropropane	6.984	77	129681	51.445	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	98088	53.849	ug/l	90
28) Bromochloromethane	7.338	49	56897	55.506	ug/l	83
29) Tetrahydrofuran	7.350	42	67221	264.383	ug/l	88
30) Chloroform	7.508	83	158539	54.993	ug/l	96
31) Cyclohexane	7.789	56	118848	45.466	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	142109	53.775	ug/l	97
36) 1,1-Dichloropropene	7.923	75	116087	49.530	ug/l	98
37) Ethyl Acetate	7.075	43	45519	48.067	ug/l #	93
38) Carbon Tetrachloride	7.905	117	129429	53.208	ug/l	98
39) Methylcyclohexane	9.185	83	143611	49.174	ug/l	91
40) Benzene	8.167	78	343353	52.142	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	62751	131.418	ug/l #	17
42) 1,2-Dichloroethane	8.240	62	91959	53.898	ug/l	93
43) Isopropyl Acetate	8.277	43	92103	50.315	ug/l #	89
44) Trichloroethene	8.947	130	98495	52.045	ug/l	99
45) 1,2-Dichloropropane	9.221	63	81508	51.541	ug/l	97
46) Dibromomethane	9.313	93	46345	54.080	ug/l	99
47) Bromodichloromethane	9.502	83	120964	54.904	ug/l	100
48) Methyl methacrylate	9.295	41	51981	51.381	ug/l #	84
49) 1,4-Dioxane	9.301	88	10031	1102.541	ug/l #	67
51) 4-Methyl-2-Pentanone	10.075	43	235638	254.563	ug/l	88
52) Toluene	10.246	92	217557	52.266	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	114724	53.714	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	137804	54.019	ug/l #	86
55) 1,1,2-Trichloroethane	10.648	97	66087	55.950	ug/l	96
56) Ethyl methacrylate	10.514	69	60903	54.622	ug/l #	81
57) 1,3-Dichloropropane	10.794	76	110572	54.918	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	212624	281.233	ug/l	92
59) 2-Hexanone	10.837	43	164167	238.433	ug/l	86
60) Dibromochloromethane	10.989	129	83985	56.853	ug/l	99
61) 1,2-Dibromoethane	11.093	107	62214	55.286	ug/l	99
64) Tetrachloroethene	10.721	164	101340	54.054	ug/l	97
65) Chlorobenzene	11.520	112	235991	52.901	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	91062	55.345	ug/l	99
67) Ethyl Benzene	11.599	91	420030	52.391	ug/l	98
68) m/p-Xylenes	11.709	106	318955	104.891	ug/l	95
69) o-Xylene	12.032	106	150641	53.357	ug/l	96
70) Styrene	12.050	104	221217	54.721	ug/l	97
71) Bromoform	12.215	173	48895	57.270	ug/l #	99
73) Isopropylbenzene	12.331	105	408387	51.689	ug/l	99
74) N-amyl acetate	12.148	43	75187	47.377	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.587	83	66153	52.180	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	89741	95.882	ug/l #	100
77) Bromobenzene	12.611	156	95842	53.673	ug/l	92
78) n-propylbenzene	12.672	91	474434	50.812	ug/l	98
79) 2-Chlorotoluene	12.757	91	265124	51.524	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	334711	52.545	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	22603	52.419	ug/l	91
82) 4-Chlorotoluene	12.855	91	274111	51.553	ug/l	98
83) tert-Butylbenzene	13.081	119	297327	52.992	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	329928	52.601	ug/l	98
85) sec-Butylbenzene	13.257	105	411586	51.347	ug/l	99
86) p-Isopropyltoluene	13.373	119	363718	52.696	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	180470	52.532	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	175761	52.350	ug/l	99
89) n-Butylbenzene	13.702	91	325772	51.108	ug/l	96
90) Hexachloroethane	13.964	117	69907	52.505	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	158307	53.776	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9667	47.926	ug/l	86
93) 1,2,4-Trichlorobenzene	15.013	180	89643	52.169	ug/l	99
94) Hexachlorobutadiene	15.117	225	52193	53.018	ug/l	97
95) Naphthalene	15.239	128	160784	52.318	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	73761	51.899	ug/l	99

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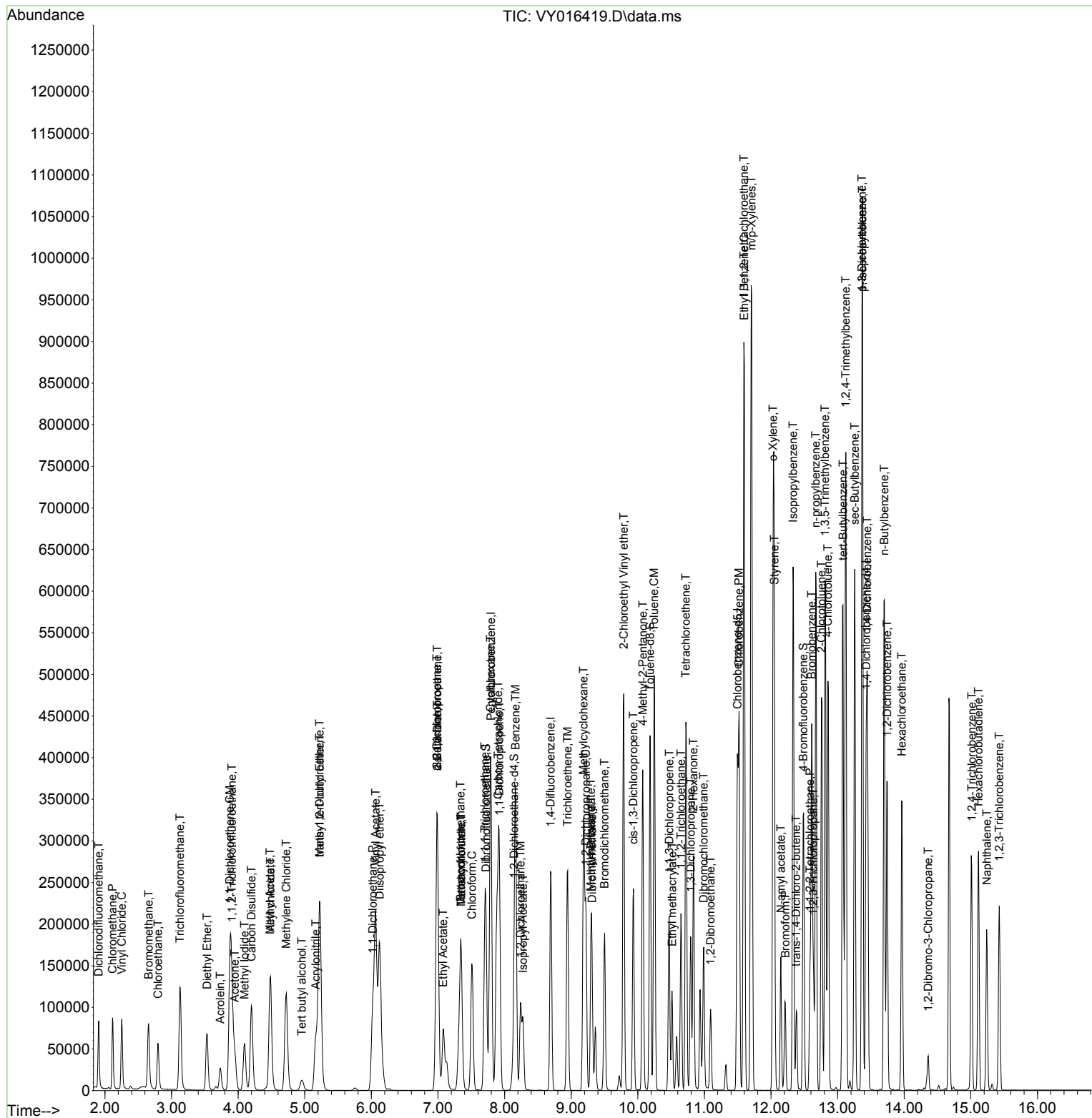
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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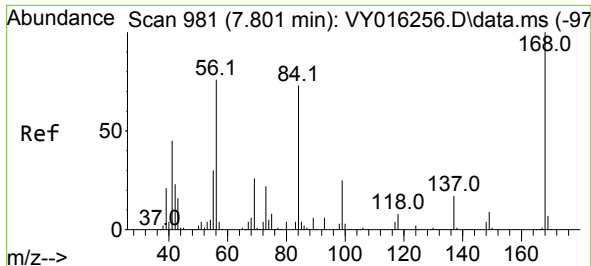
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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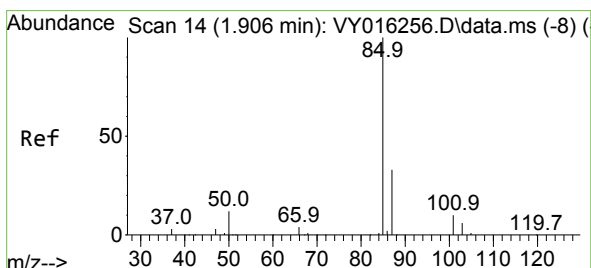
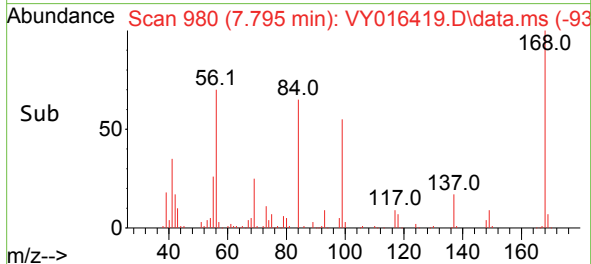
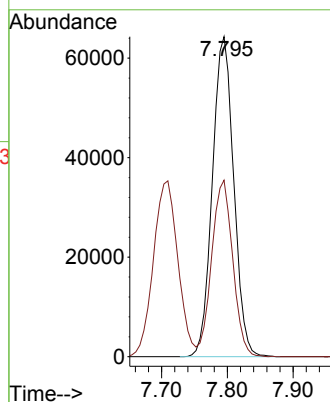
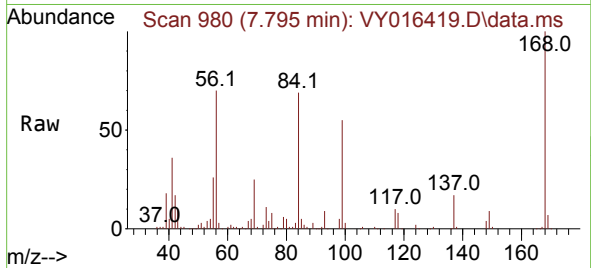




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
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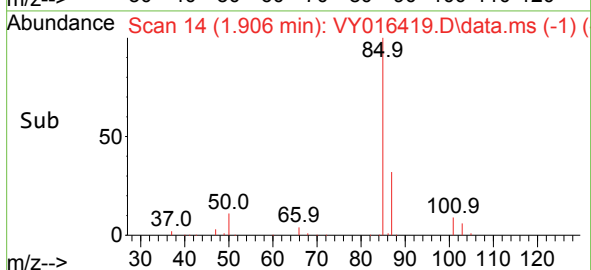
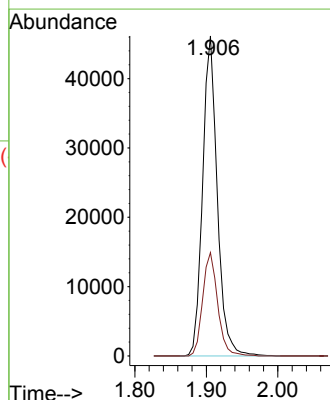
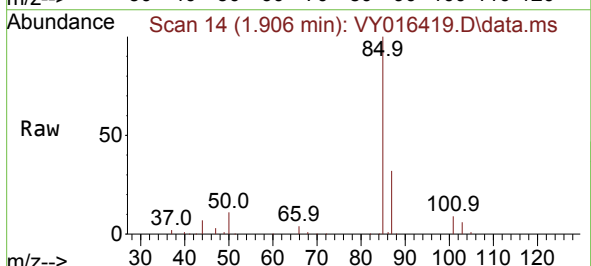
Instrument :
MSVOA_Y
ClientSampleId :

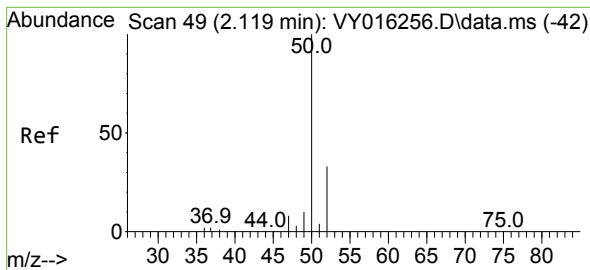
Tgt Ion:168 Resp: 145269
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 46.172 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion: 85 Resp: 65676
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8





#3

Chloromethane

Concen: 45.628 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

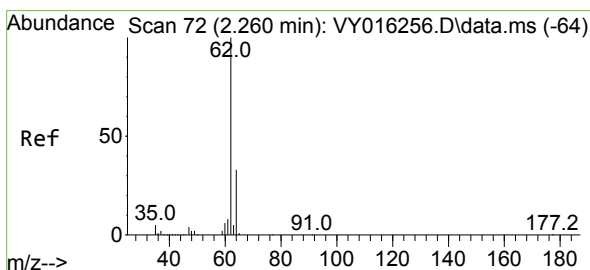
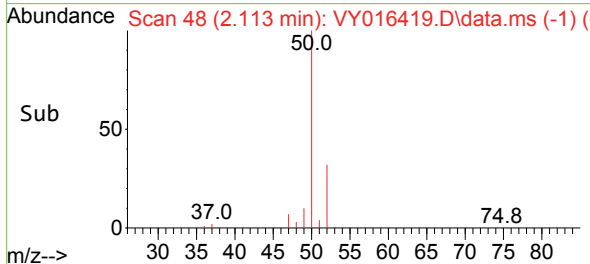
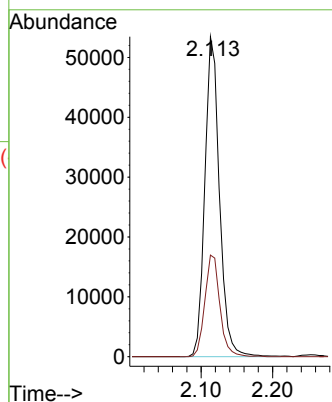
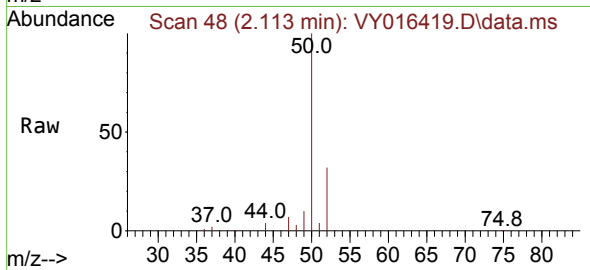
ClientSampleId :

Tgt Ion: 50 Resp: 76011

Ion Ratio Lower Upper

50 100

52 31.8 25.4 38.2



#4

Vinyl Chloride

Concen: 46.268 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.006 min

Lab File: VY016419.D

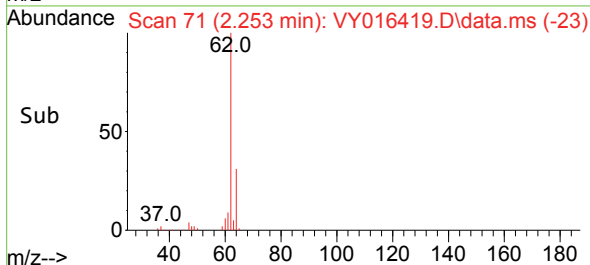
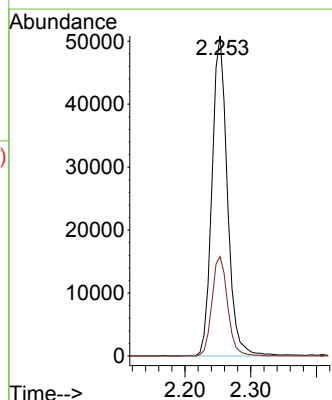
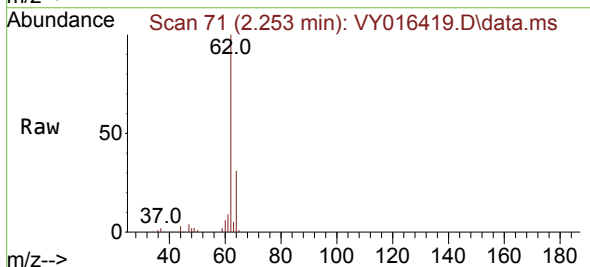
Acq: 17 Nov 2023 18:49

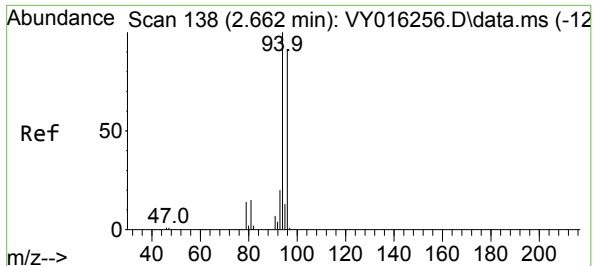
Tgt Ion: 62 Resp: 82882

Ion Ratio Lower Upper

62 100

64 31.0 24.3 36.5





#5

Bromomethane

Concen: 46.756 ug/l

RT: 2.656 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

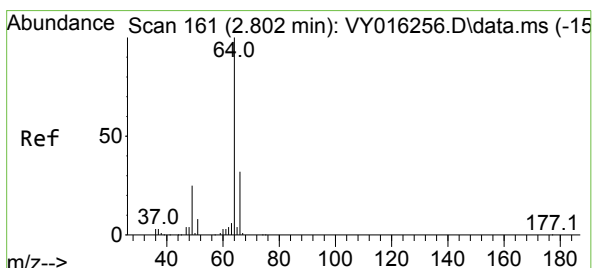
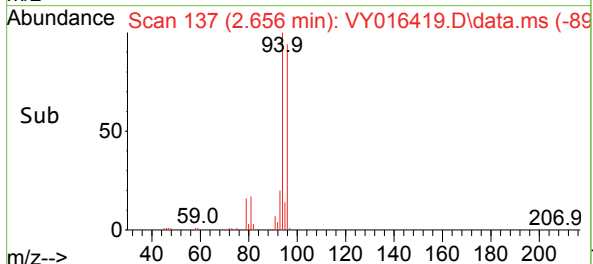
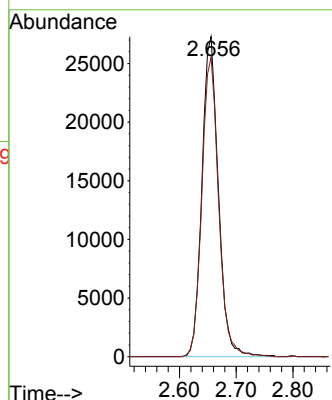
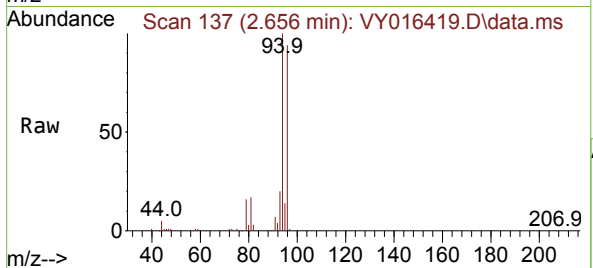
ClientSampleId :

Tgt Ion: 94 Resp: 55043

Ion Ratio Lower Upper

94 100

96 93.5 75.8 113.6



#6

Chloroethane

Concen: 48.245 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.006 min

Lab File: VY016419.D

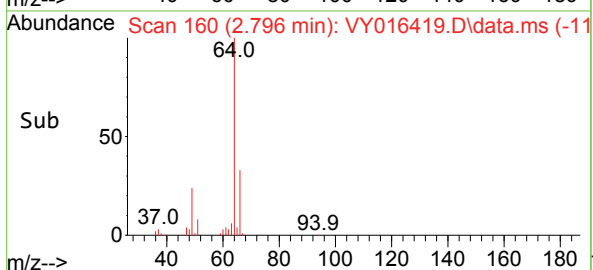
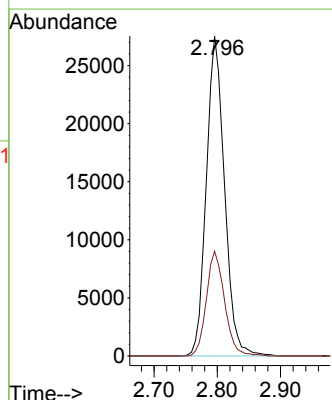
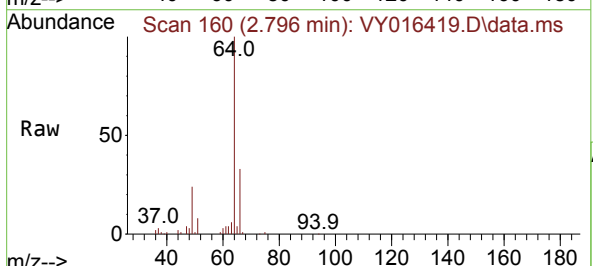
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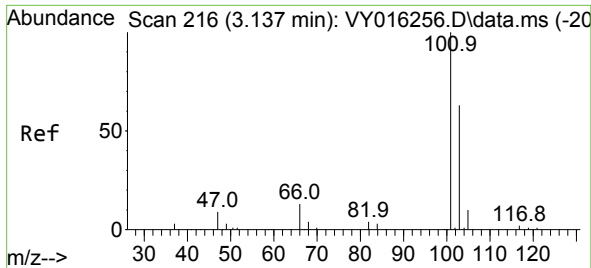
Tgt Ion: 64 Resp: 55146

Ion Ratio Lower Upper

64 100

66 32.8 24.4 36.6

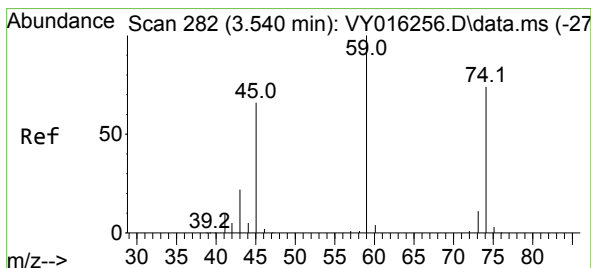
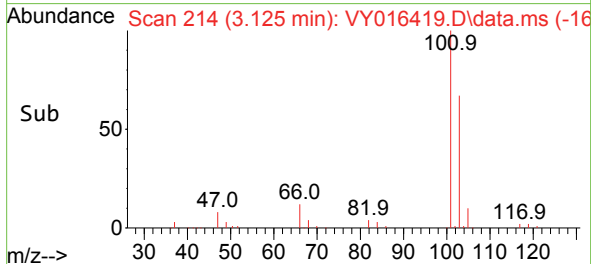
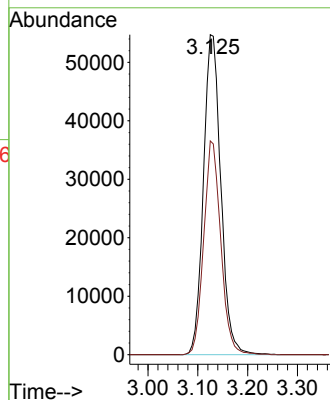
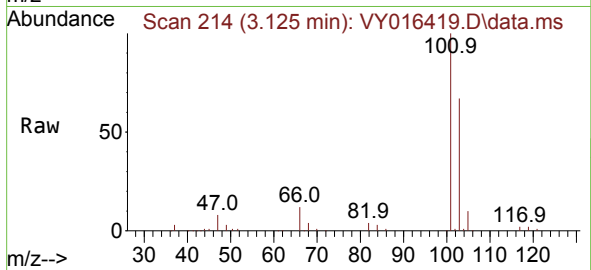




#7
Trichlorofluoromethane
Concen: 50.836 ug/l
RT: 3.125 min Scan# 216
Delta R.T. -0.013 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

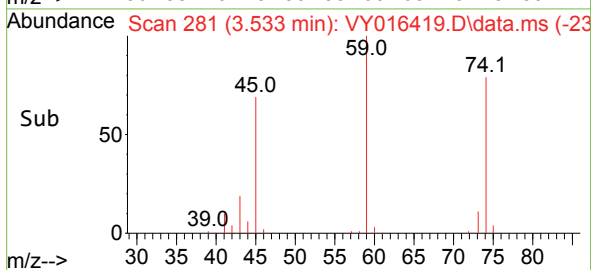
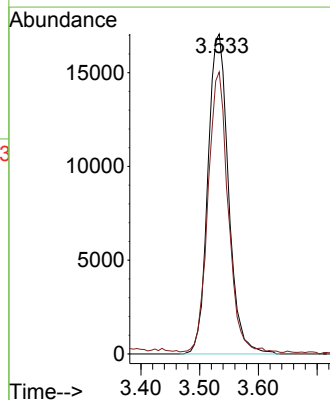
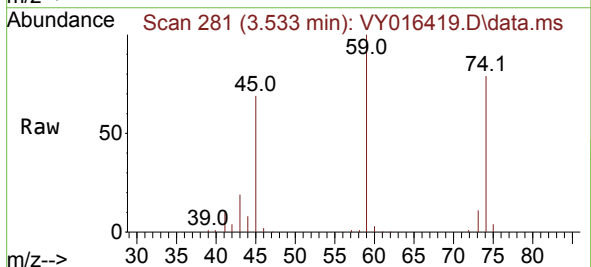
Instrument :
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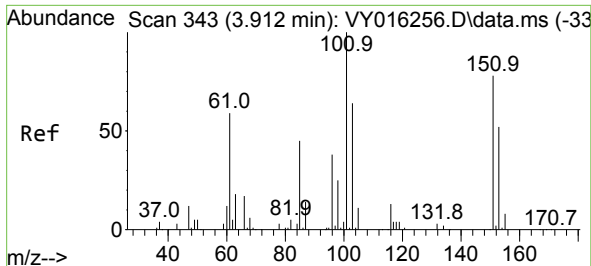
Tgt Ion:101 Resp: 132487
Ion Ratio Lower Upper
101 100
103 66.8 51.4 77.0



#8
Diethyl Ether
Concen: 53.406 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion: 74 Resp: 41599
Ion Ratio Lower Upper
74 100
45 85.8 51.5 154.5

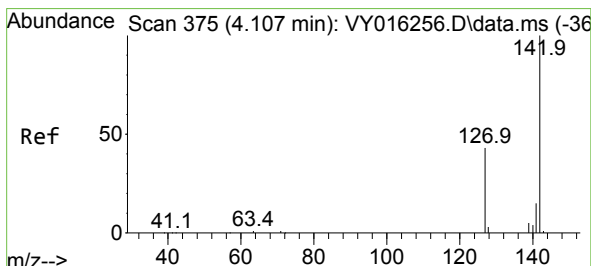
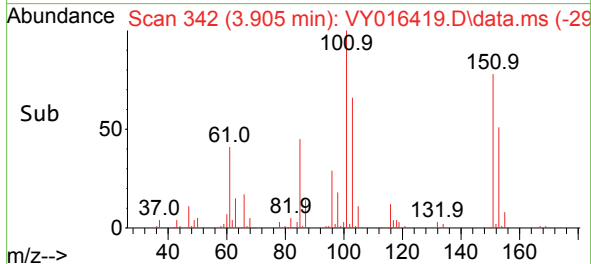
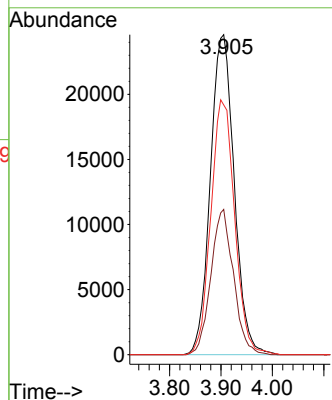
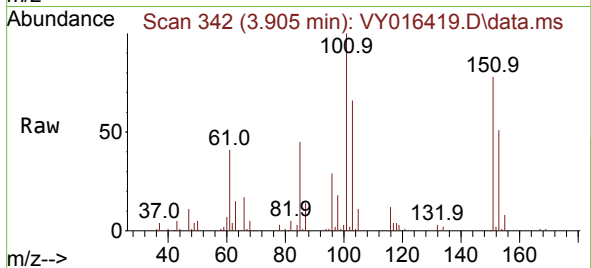




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.536 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

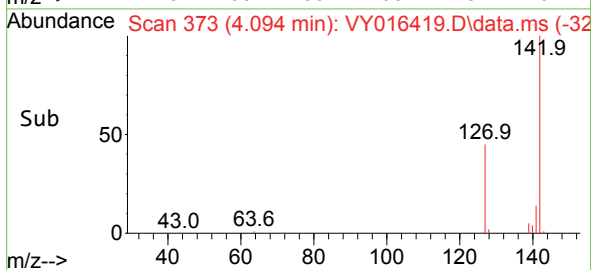
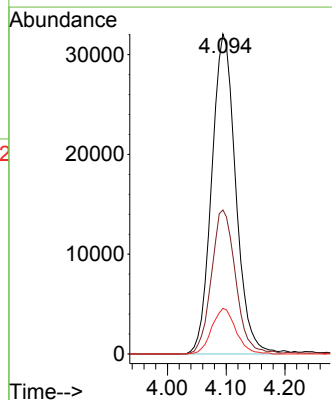
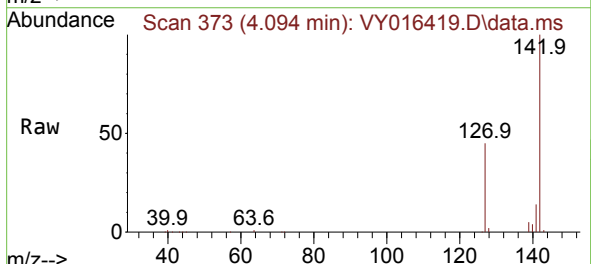
Instrument :
MSVOA_Y
ClientSampleId :

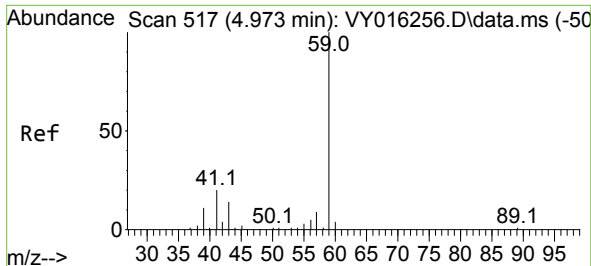
Tgt Ion:101 Resp: 79327
Ion Ratio Lower Upper
101 100
85 43.0 36.6 55.0
151 79.6 67.0 100.6



#10
Methyl Iodide
Concen: 53.767 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.013 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion:142 Resp: 91151
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 250.304 ug/l

RT: 4.954 min Scan# 51

Delta R.T. -0.019 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

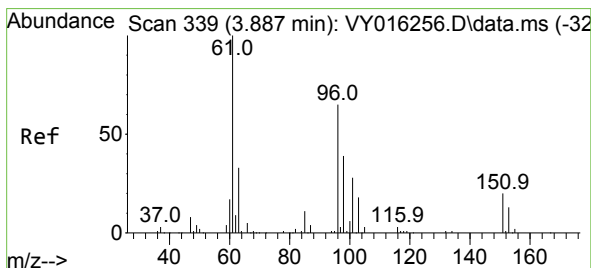
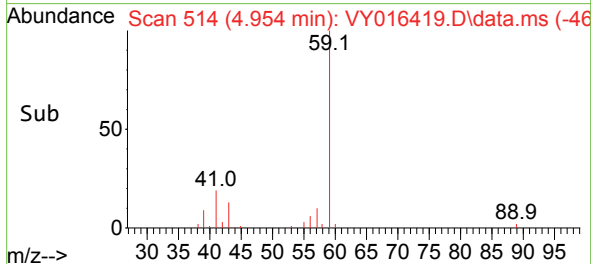
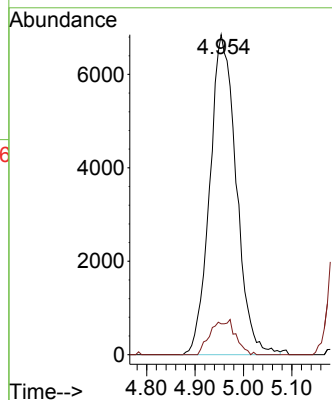
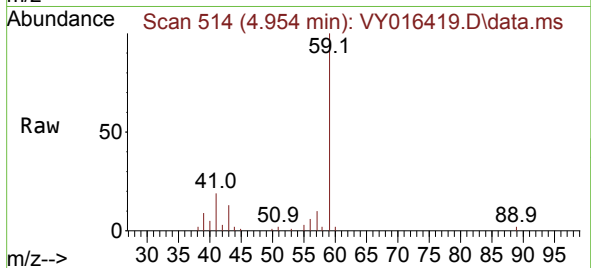
ClientSampleId :

Tgt Ion: 59 Resp: 26024

Ion Ratio Lower Upper

59 100

57 10.3 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 50.317 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.013 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

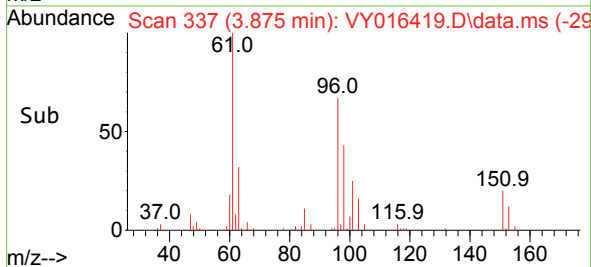
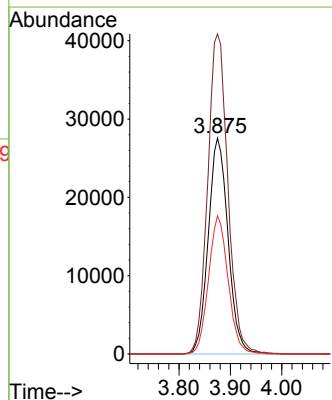
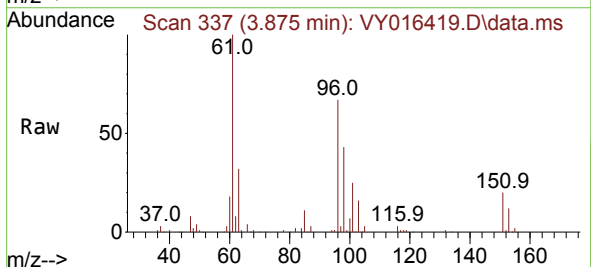
Tgt Ion: 96 Resp: 73865

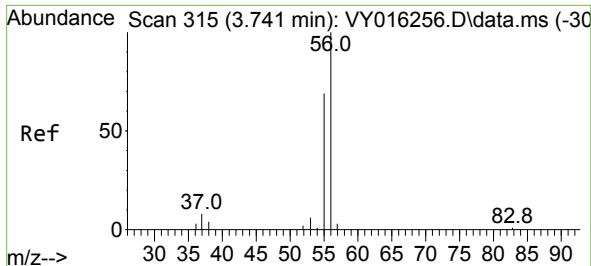
Ion Ratio Lower Upper

96 100

61 148.3 136.4 204.6

98 63.9 49.4 74.2





#13

Acrolein

Concen: 267.069 ug/l

RT: 3.729 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

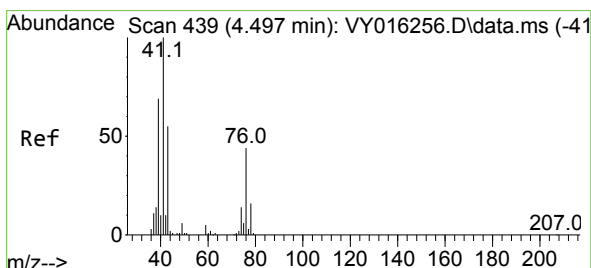
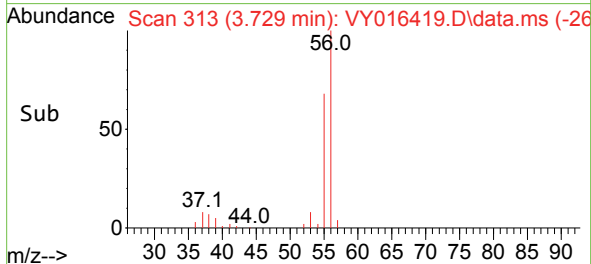
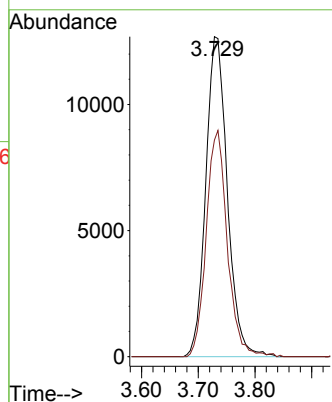
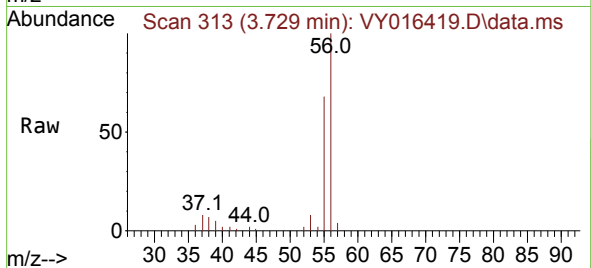
ClientSampleId :

Tgt Ion: 56 Resp: 33492

Ion Ratio Lower Upper

56 100

55 69.3 57.0 85.4



#14

Allyl chloride

Concen: 50.085 ug/l

RT: 4.484 min Scan# 437

Delta R.T. -0.013 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

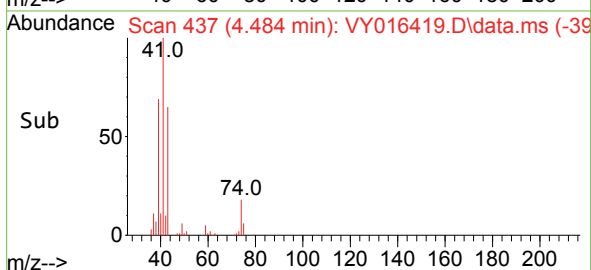
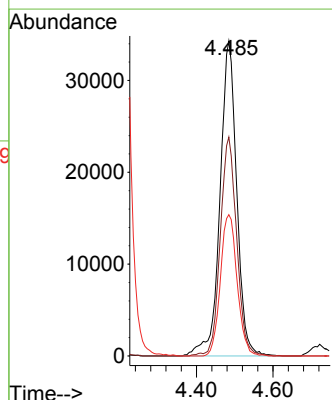
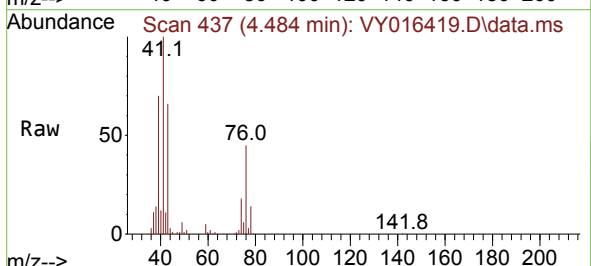
Tgt Ion: 41 Resp: 104336

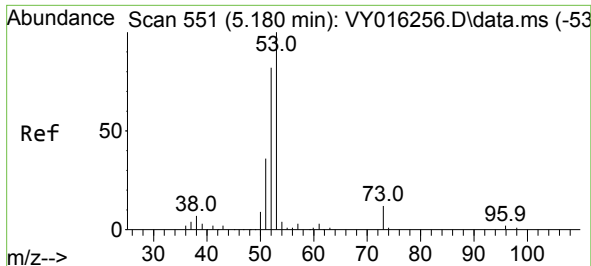
Ion Ratio Lower Upper

41 100

39 67.9 58.0 87.0

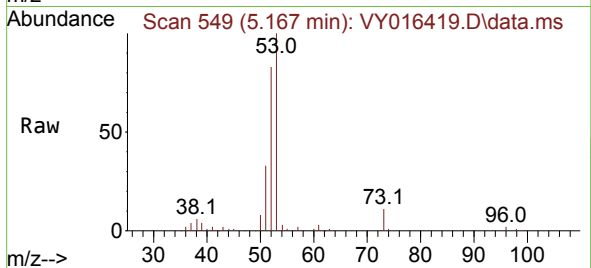
76 44.8 27.4 41.2#



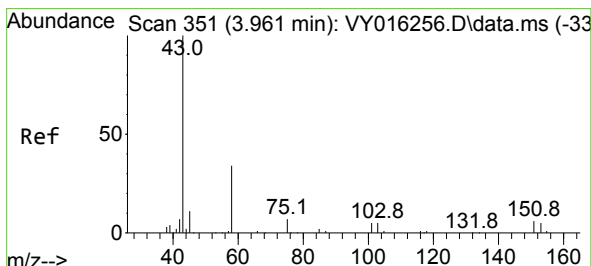
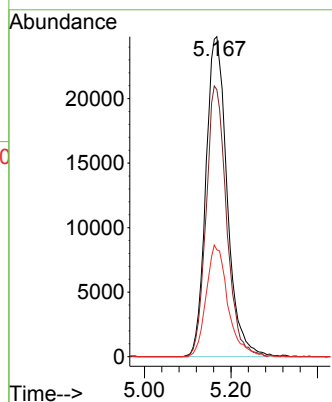
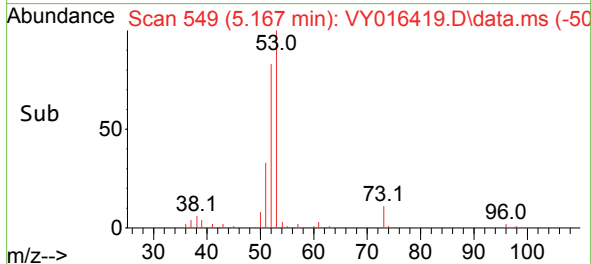


#15
Acrylonitrile
Concen: 273.800 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.013 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Instrument :
MSVOA_Y
ClientSampleId :

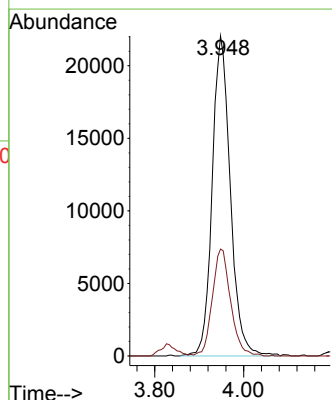
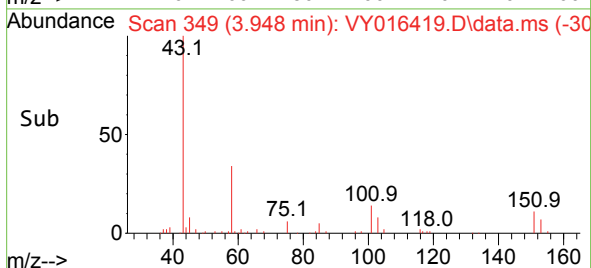
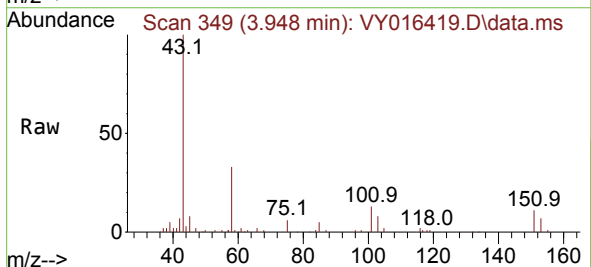


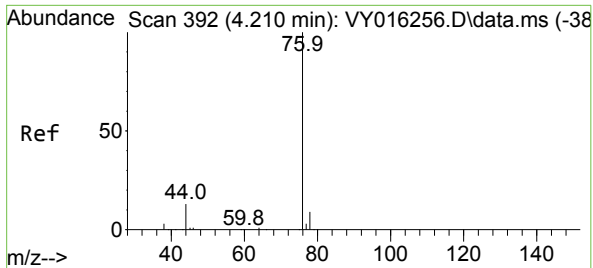
Tgt Ion:	53	Resp:	84635
Ion	Ratio	Lower	Upper
53	100		
52	81.3	66.9	100.3
51	35.6	29.8	44.6



#16
Acetone
Concen: 284.234 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.013 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion:	43	Resp:	62423
Ion	Ratio	Lower	Upper
43	100		
58	33.4	22.7	34.1





#17

Carbon Disulfide

Concen: 47.301 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.013 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

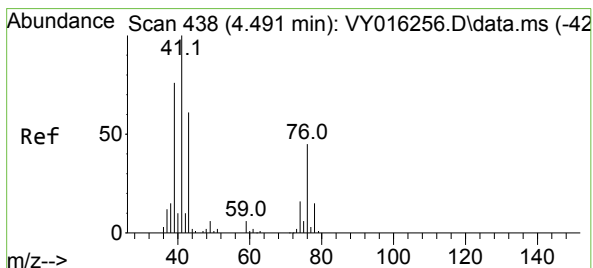
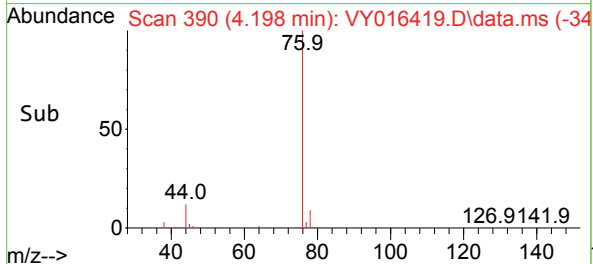
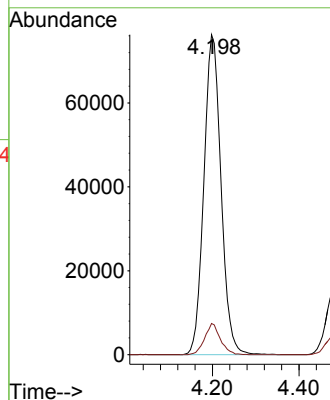
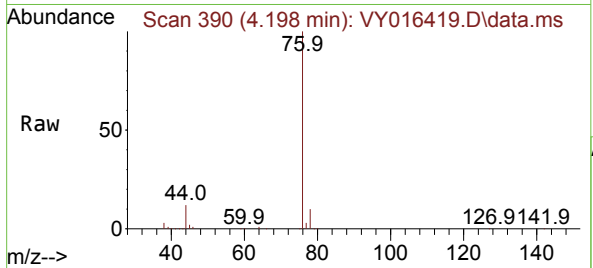
ClientSampleId :

Tgt Ion: 76 Resp: 209510

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.4



#18

Methyl Acetate

Concen: 59.488 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.013 min

Lab File: VY016419.D

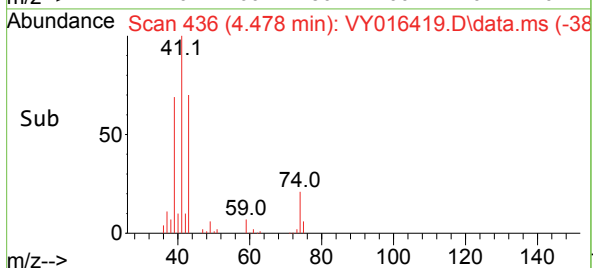
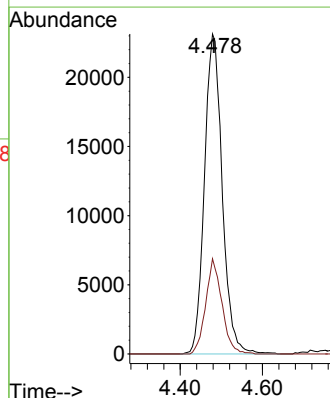
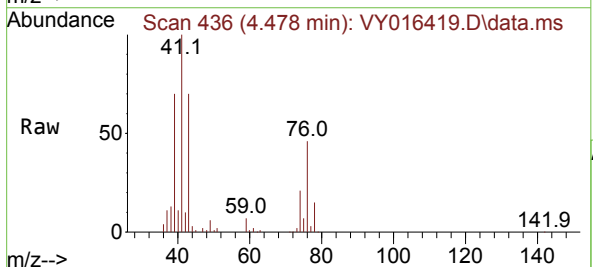
Acq: 17 Nov 2023 18:49

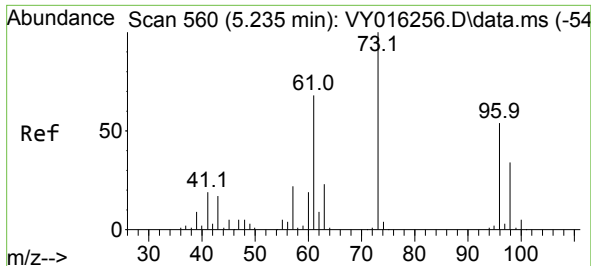
Tgt Ion: 43 Resp: 69422

Ion Ratio Lower Upper

43 100

74 27.2 17.4 26.0#

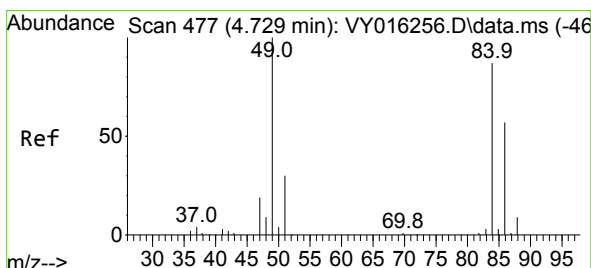
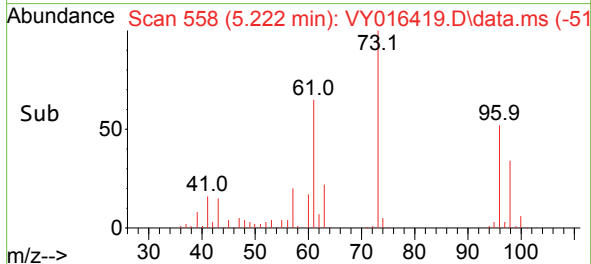
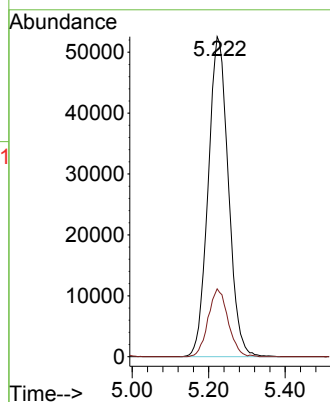
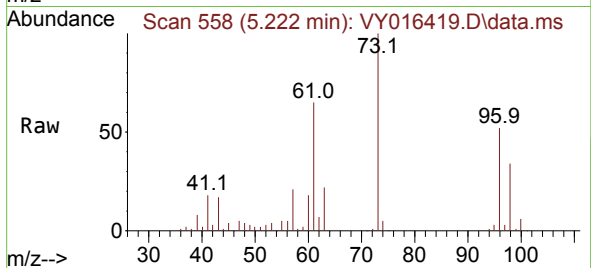




#19
Methyl tert-butyl Ether
Concen: 54.153 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.013 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

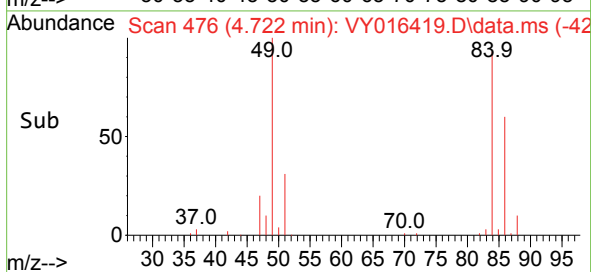
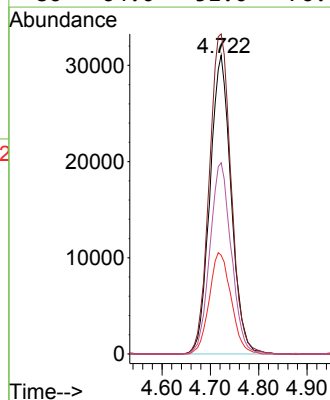
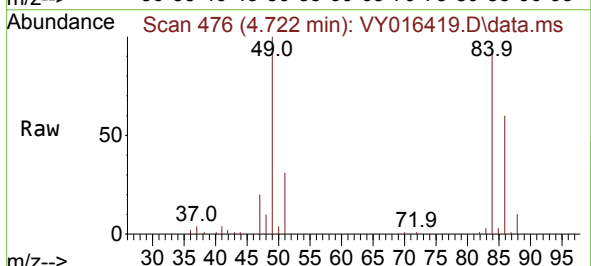
Instrument :
MSVOA_Y
ClientSampleId :

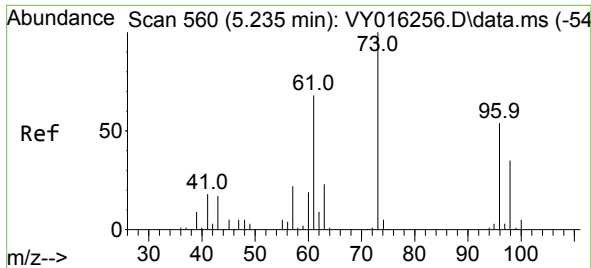
Tgt Ion: 73 Resp: 192405
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 61.616 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion: 84 Resp: 94341
Ion Ratio Lower Upper
84 100
49 107.1 106.9 160.3
51 33.1 33.2 49.8#
86 64.0 51.0 76.6

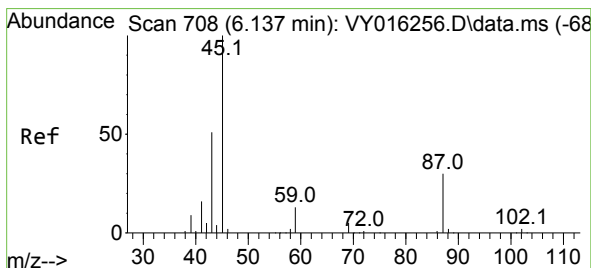
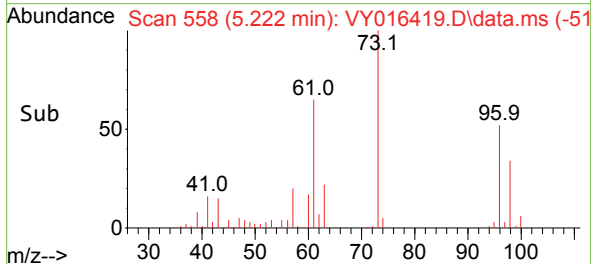
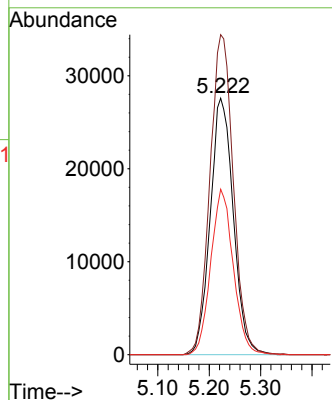
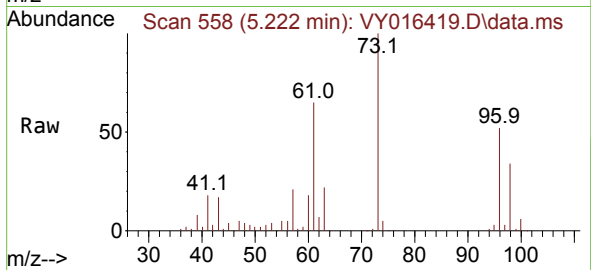




#21
trans-1,2-Dichloroethene
Concen: 50.981 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.013 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

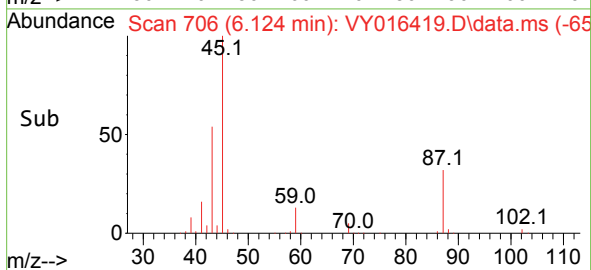
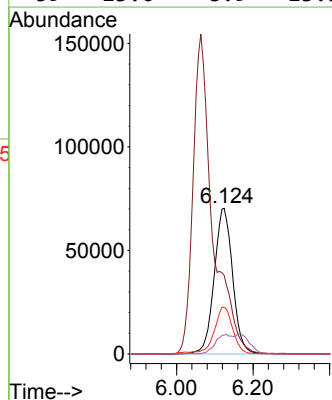
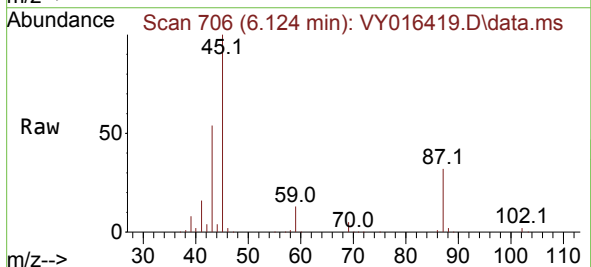
Instrument :
MSVOA_Y
ClientSampleId :

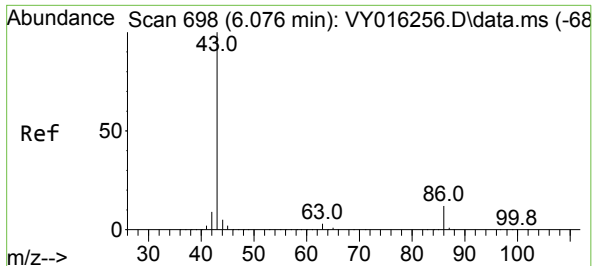
Tgt Ion: 96 Resp: 86169
Ion Ratio Lower Upper
96 100
61 124.8 110.2 165.4
98 64.5 51.8 77.6



#22
Diisopropyl ether
Concen: 52.440 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.012 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion: 45 Resp: 235430
Ion Ratio Lower Upper
45 100
43 53.5 52.2 78.4
87 32.0 21.0 31.6#
59 13.0 8.9 13.3

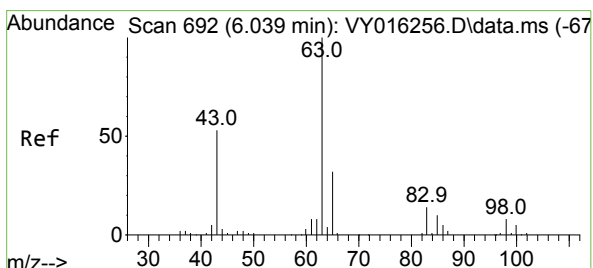
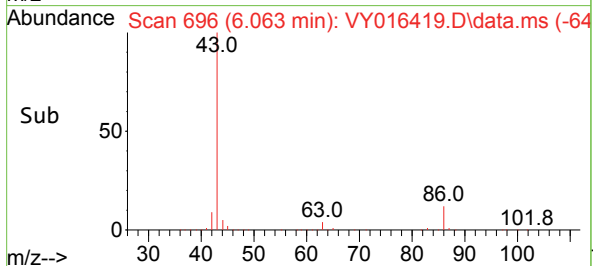
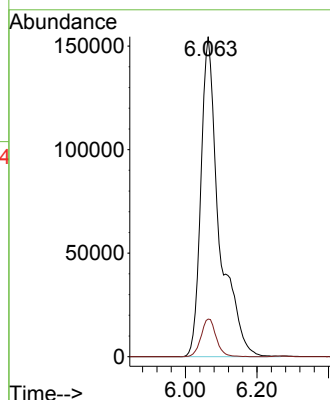
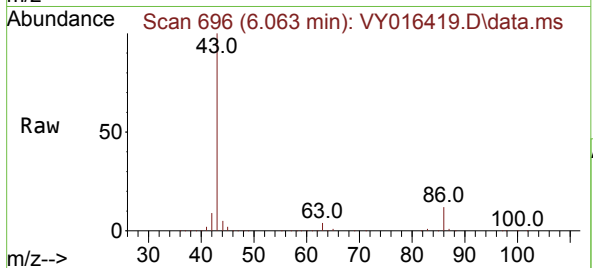




#23
 Vinyl Acetate
 Concen: 252.557 ug/l
 RT: 6.063 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: VY016419.D
 Acq: 17 Nov 2023 18:49

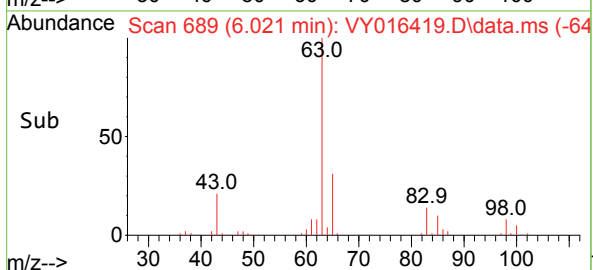
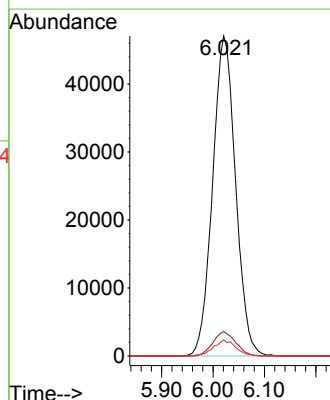
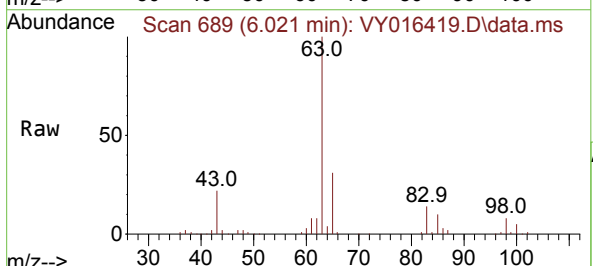
Instrument :
 MSVOA_Y
 ClientSampleId :

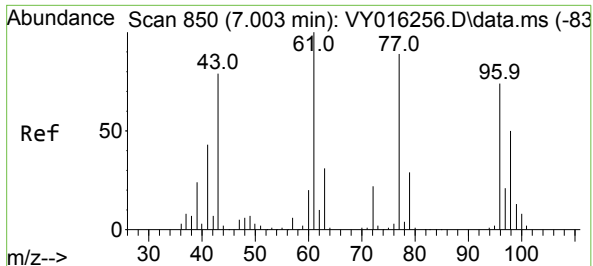
Tgt Ion: 43 Resp: 549406
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 52.655 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.019 min
 Lab File: VY016419.D
 Acq: 17 Nov 2023 18:49

Tgt Ion: 63 Resp: 145836
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 5.0 1.8 5.5

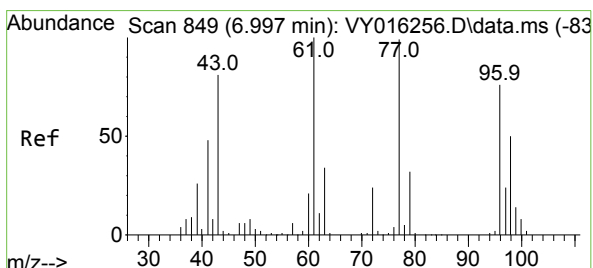
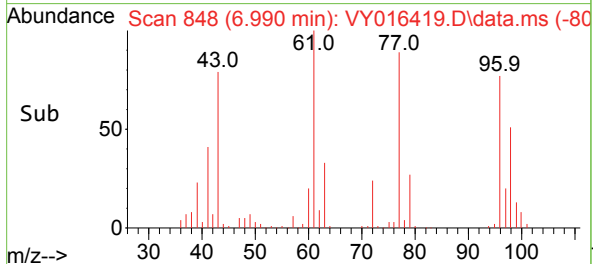
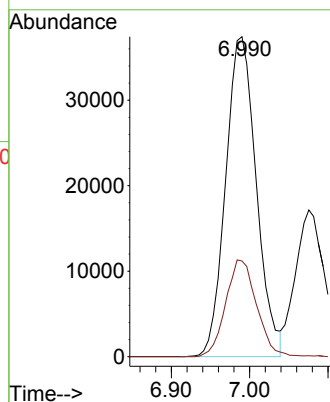
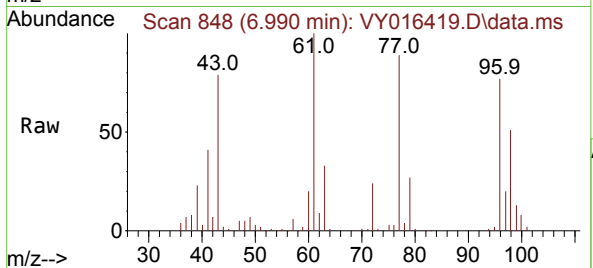




#25
2-Butanone
Concen: 264.992 ug/l
RT: 6.990 min Scan# 847
Delta R.T. -0.013 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

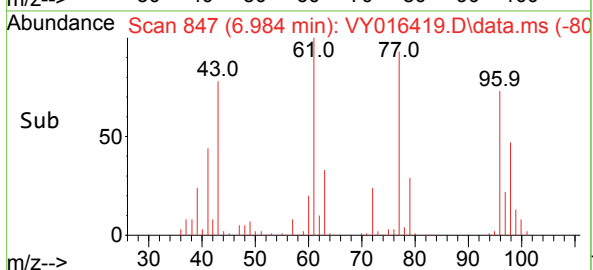
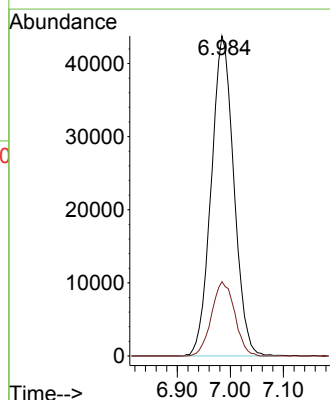
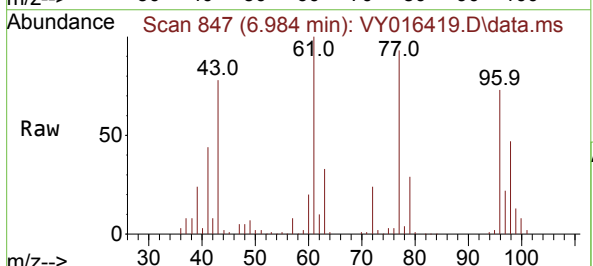
Instrument :
MSVOA_Y
ClientSampleId :

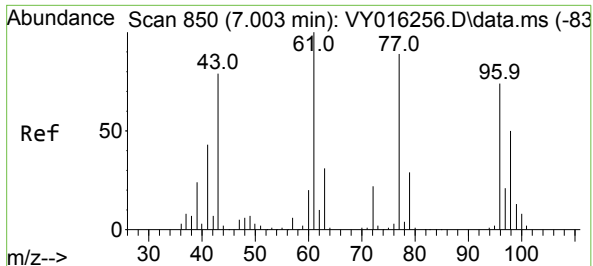
Tgt Ion: 43 Resp: 101935
Ion Ratio Lower Upper
43 100
72 29.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 51.445 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.013 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion: 77 Resp: 129681
Ion Ratio Lower Upper
77 100
97 23.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 53.849 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.013 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

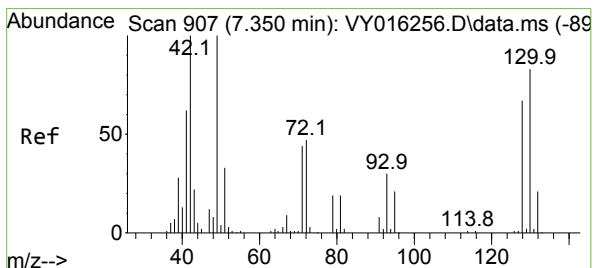
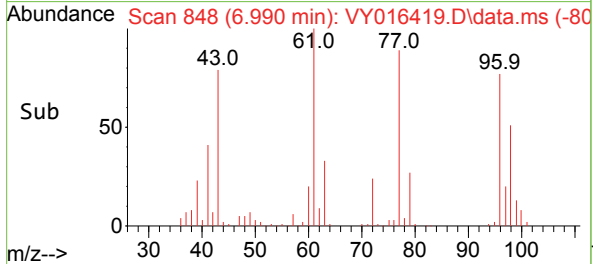
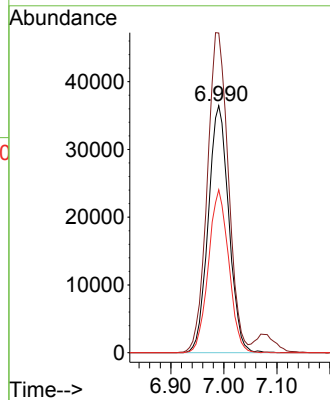
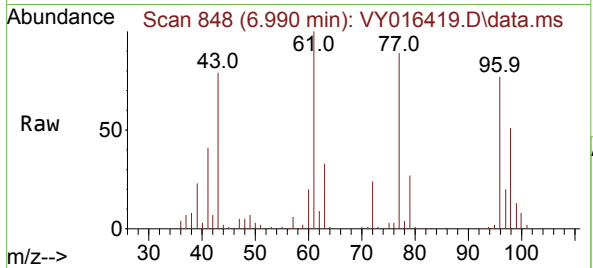
Tgt Ion: 96 Resp: 98088

Ion Ratio Lower Upper

96 100

61 133.1 0.0 301.4

98 65.2 0.0 130.4



#28

Bromochloromethane

Concen: 55.506 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.013 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

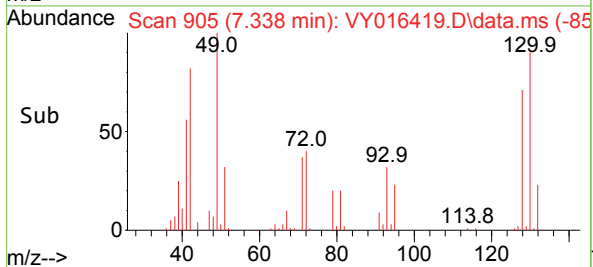
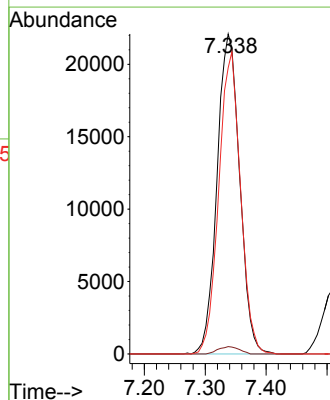
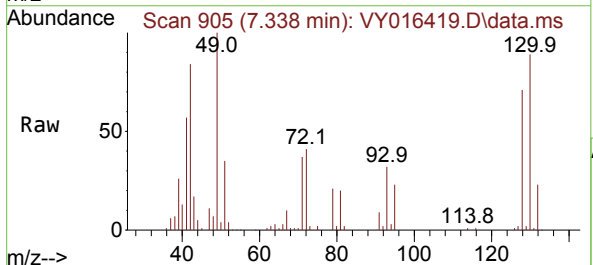
Tgt Ion: 49 Resp: 56897

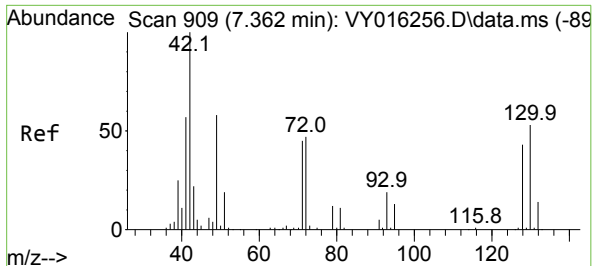
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 90.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 264.383 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.012 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

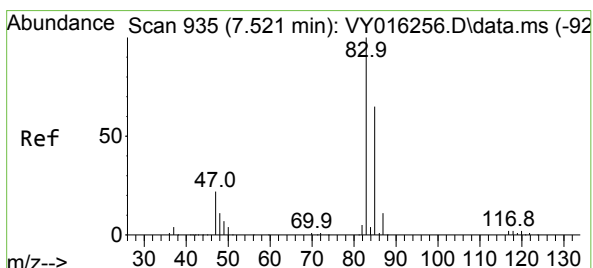
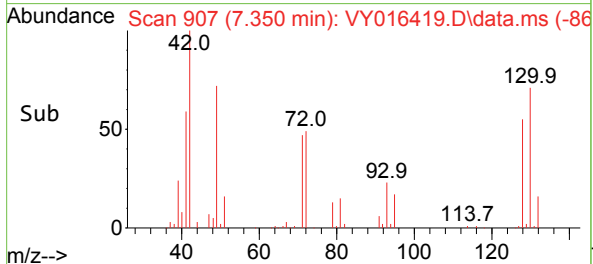
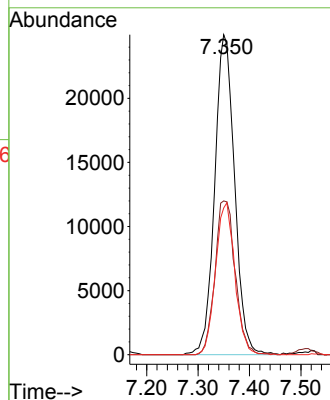
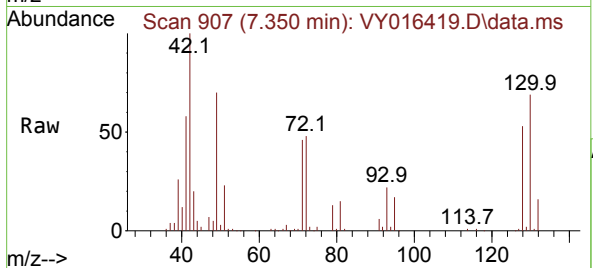
Tgt Ion: 42 Resp: 67221

Ion Ratio Lower Upper

42 100

72 48.7 32.8 49.2

71 46.1 31.0 46.4



#30

Chloroform

Concen: 54.993 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.013 min

Lab File: VY016419.D

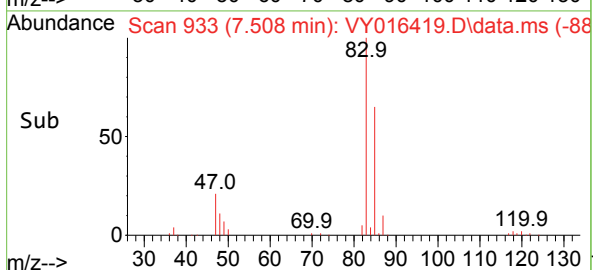
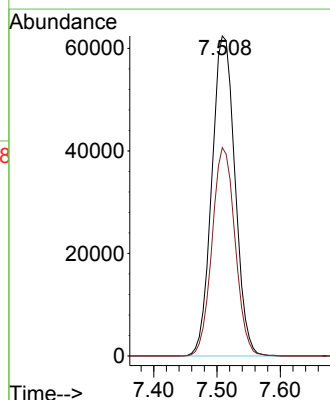
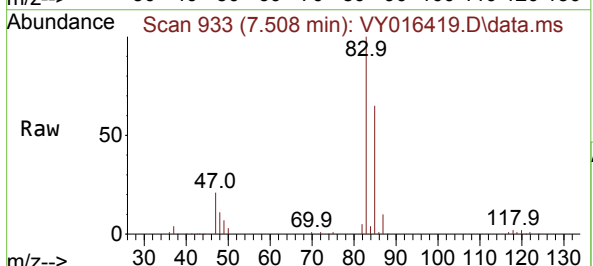
Acq: 17 Nov 2023 18:49

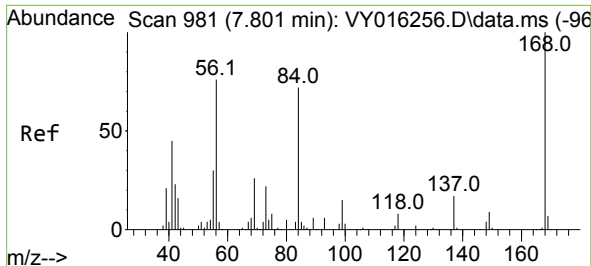
Tgt Ion: 83 Resp: 158539

Ion Ratio Lower Upper

83 100

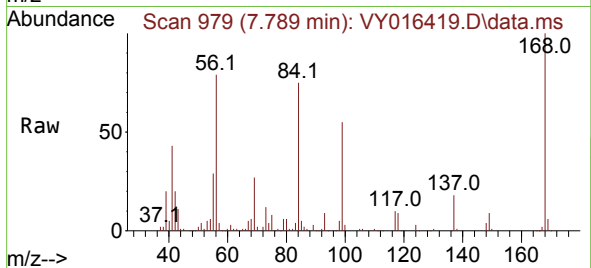
85 65.1 49.7 74.5



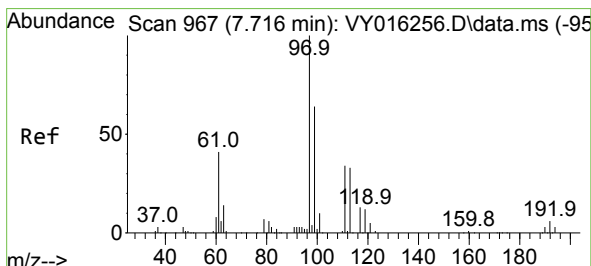
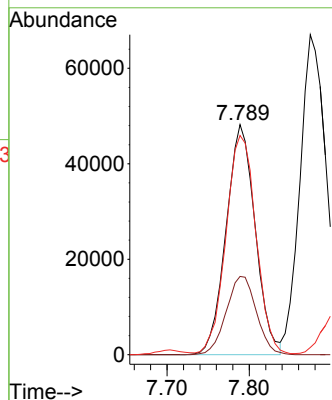
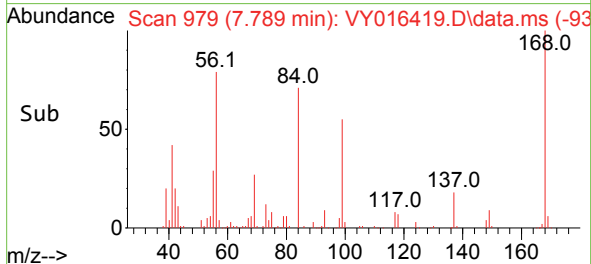


#31
Cyclohexane
Concen: 45.466 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.013 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

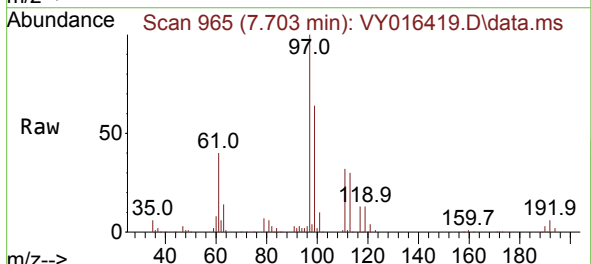
Instrument :
MSVOA_Y
ClientSampleId :



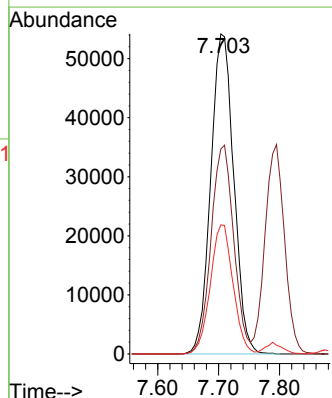
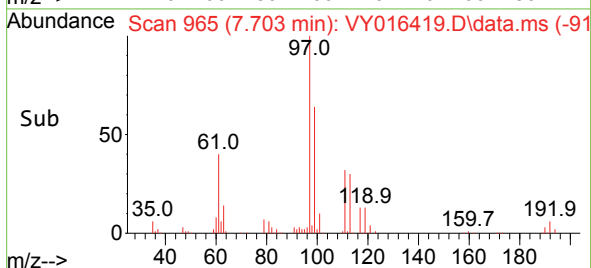
Tgt Ion: 56 Resp: 118848
Ion Ratio Lower Upper
56 100
69 34.0 27.8 41.6
84 93.9 66.4 99.6

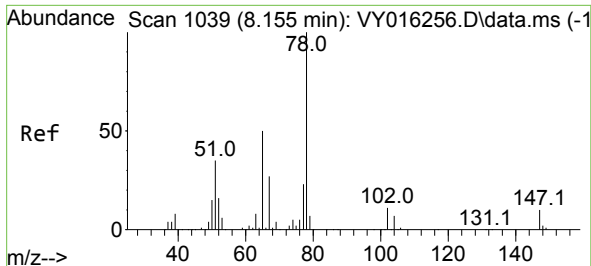


#32
1,1,1-Trichloroethane
Concen: 53.775 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.013 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49



Tgt Ion: 97 Resp: 142109
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 39.9 35.1 52.7

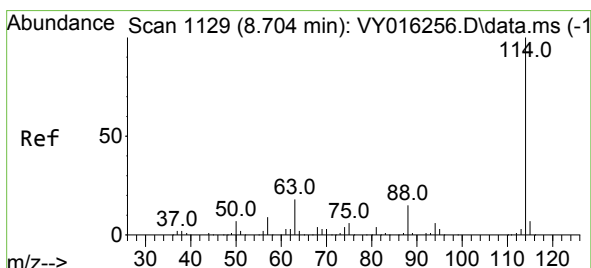
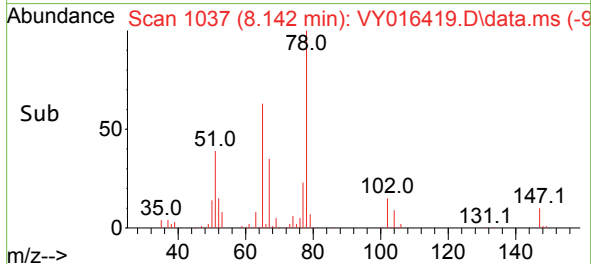
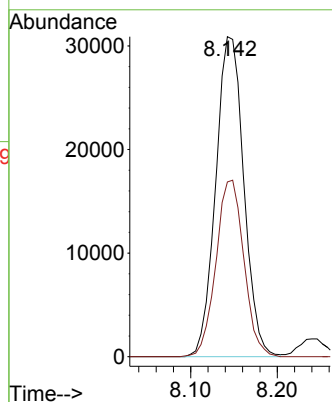
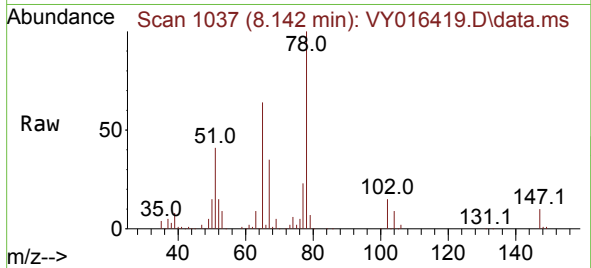




#33
1,2-Dichloroethane-d4
Concen: 52.420 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.013 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

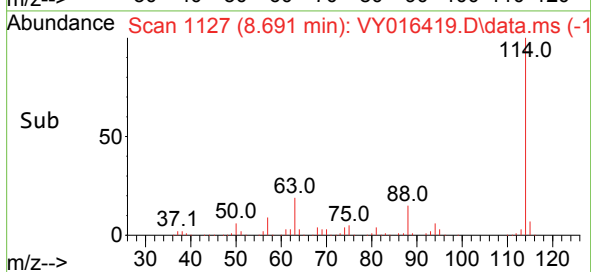
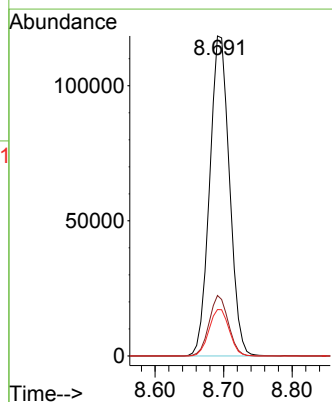
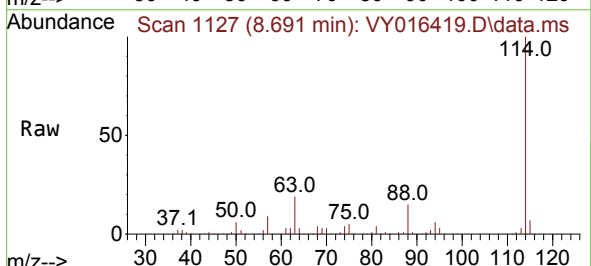
Instrument :
MSVOA_Y
ClientSampleId :

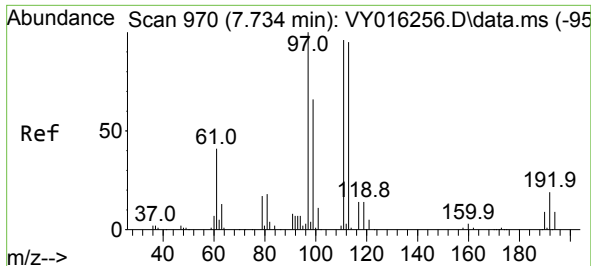
Tgt Ion: 65 Resp: 69598
Ion Ratio Lower Upper
65 100
67 54.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.013 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion: 114 Resp: 237611
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.4
88 14.5 0.0 30.6

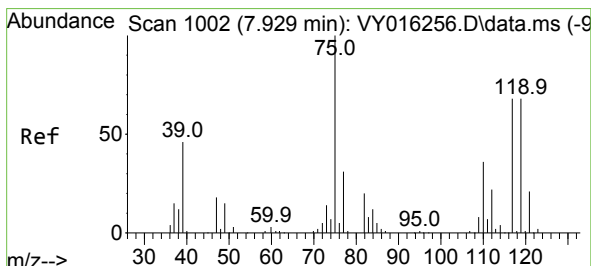
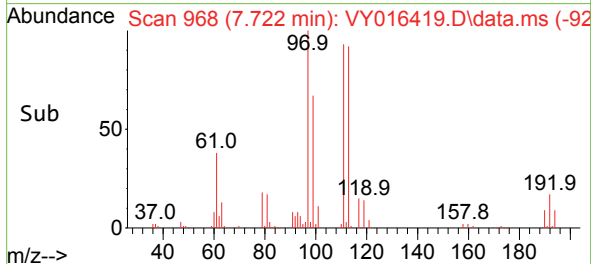
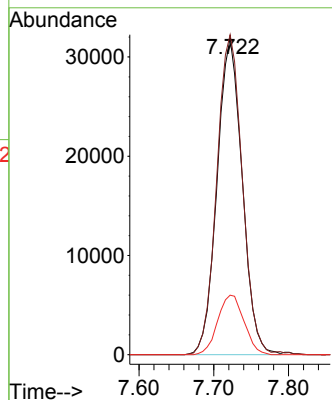
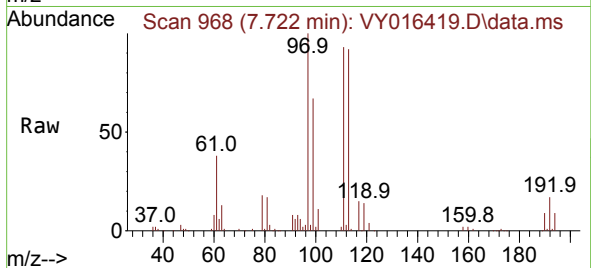




#35
Dibromofluoromethane
Concen: 55.147 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.013 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

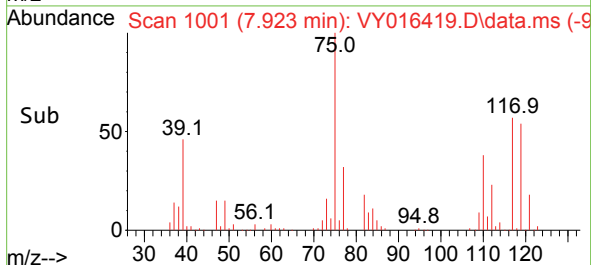
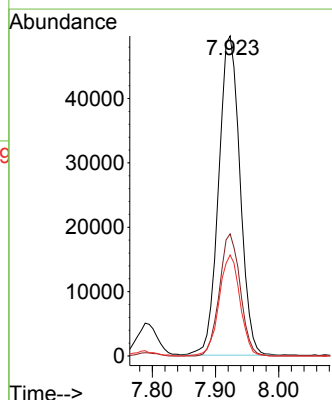
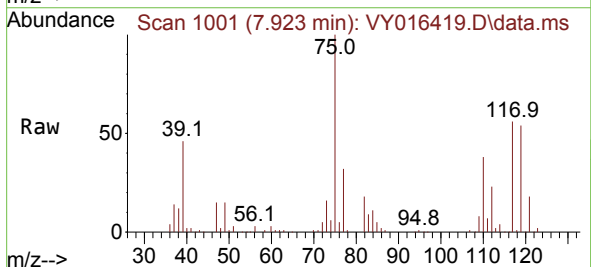
Instrument :
MSVOA_Y
ClientSampleId :

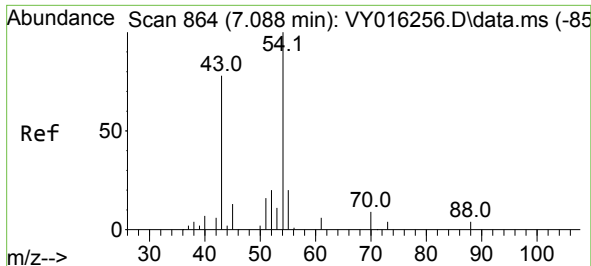
Tgt Ion:113 Resp: 74437
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.530 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion: 75 Resp: 116087
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 48.067 ug/l

RT: 7.075 min Scan# 80

Delta R.T. -0.013 min

Lab File: VY016419.D

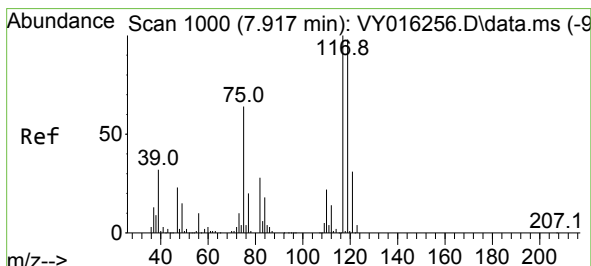
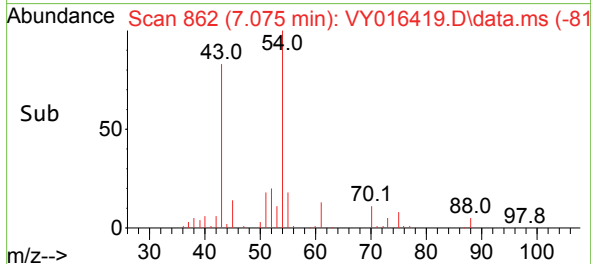
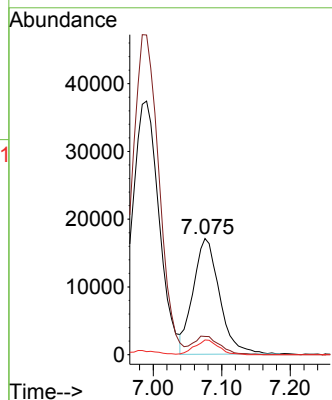
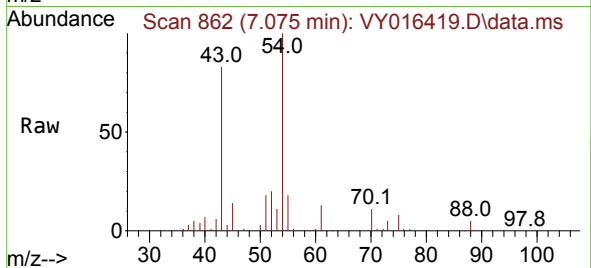
Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 45519
Ion Ratio	Lower Upper
43	100
61	15.5 10.1 15.1#
70	11.5 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 53.208 ug/l

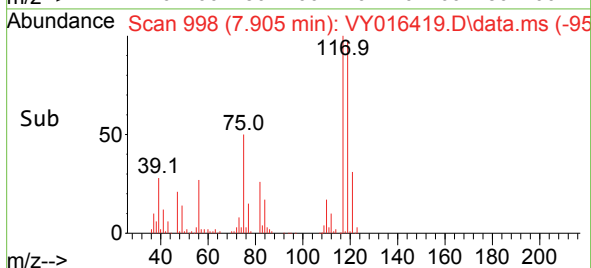
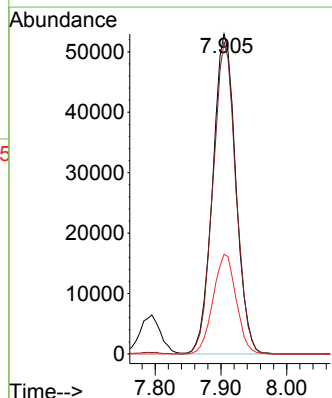
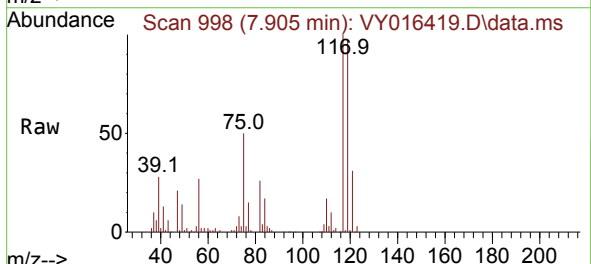
RT: 7.905 min Scan# 998

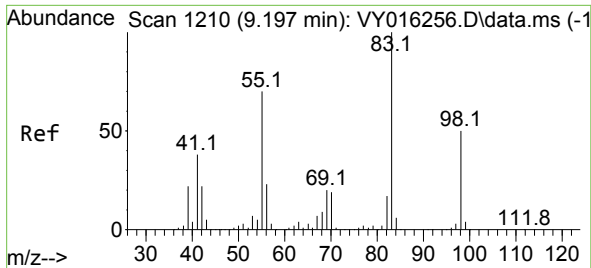
Delta R.T. -0.013 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Tgt Ion: 117	Resp: 129429
Ion Ratio	Lower Upper
117	100
119	97.4 76.4 114.6
121	31.2 25.8 38.6

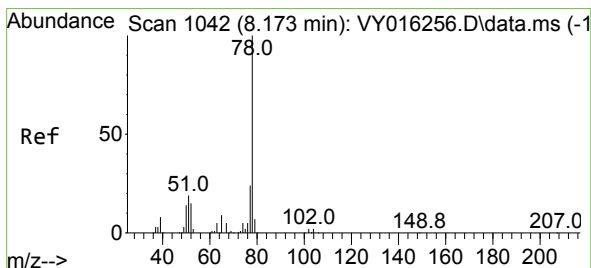
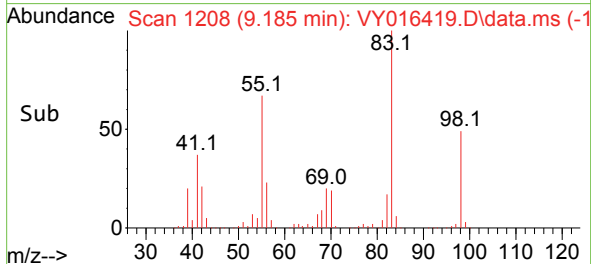
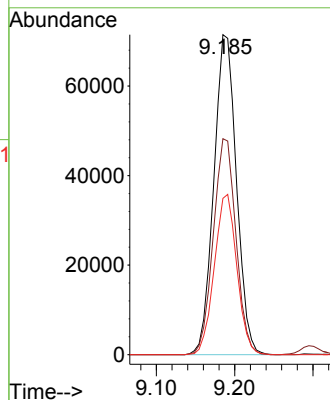
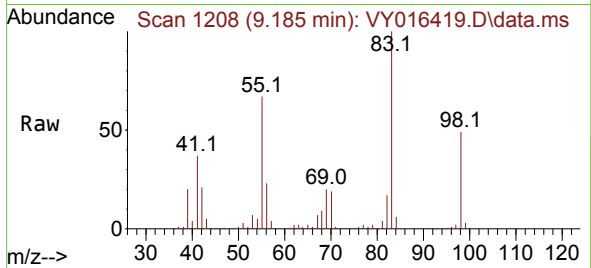




#39
Methylcyclohexane
Concen: 49.174 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

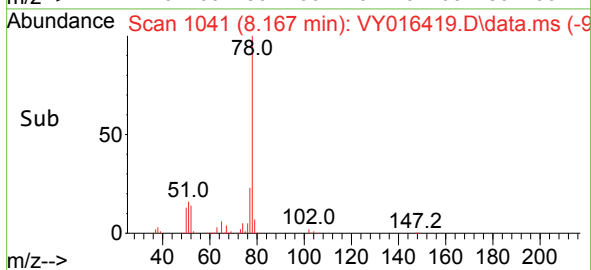
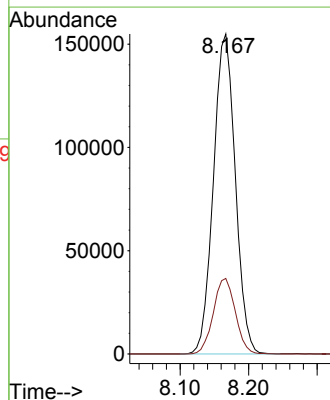
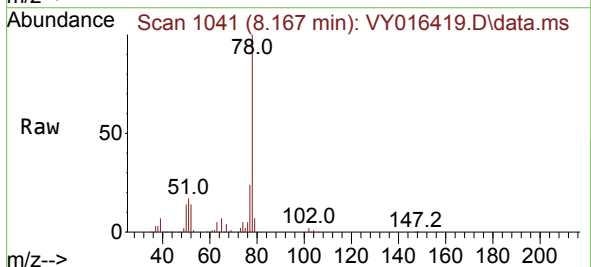
Instrument :
MSVOA_Y
ClientSampleId :

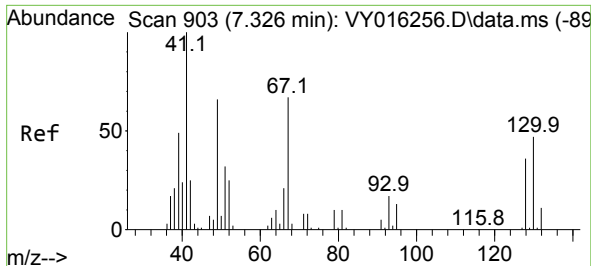
Tgt Ion: 83 Resp: 143611
Ion Ratio Lower Upper
83 100
55 67.5 63.0 94.4
98 48.9 37.4 56.2



#40
Benzene
Concen: 52.142 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion: 78 Resp: 343353
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

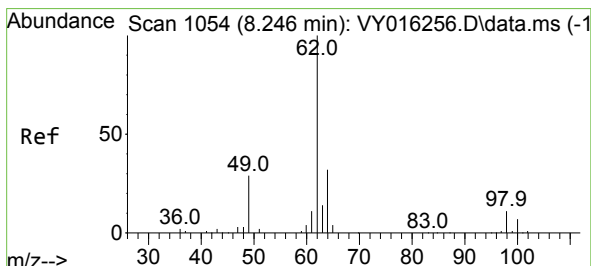
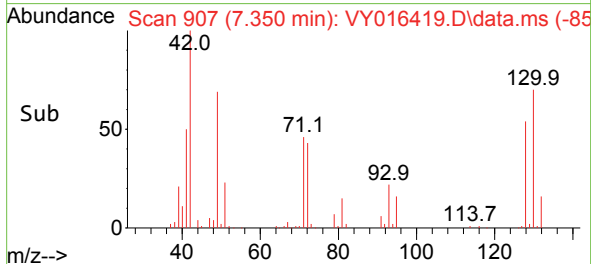
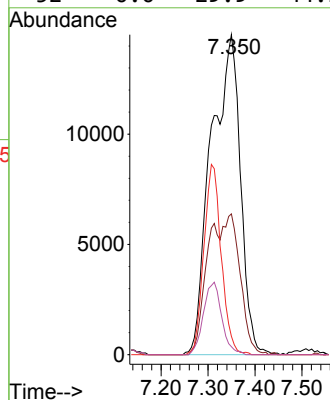
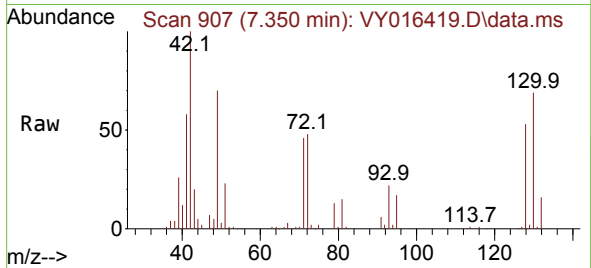




#41
Methacrylonitrile
Concen: 131.418 ug/l
RT: 7.350 min Scan# 903
Delta R.T. 0.024 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

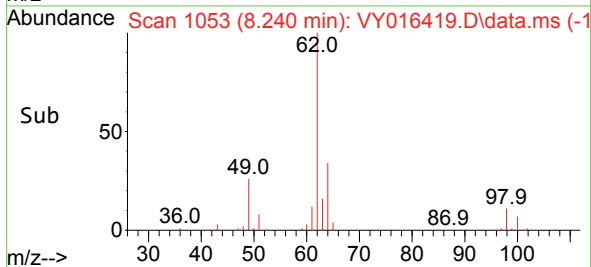
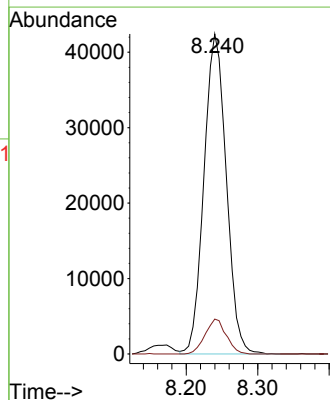
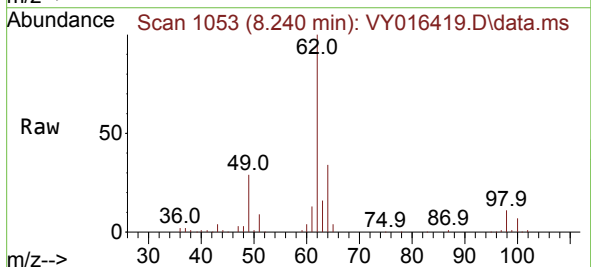
Instrument :
MSVOA_Y
ClientSampleId :

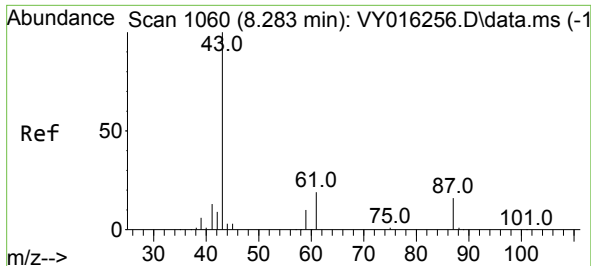
Tgt Ion: 41 Resp: 62751
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 53.898 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion: 62 Resp: 91959
Ion Ratio Lower Upper
62 100
98 10.3 0.0 15.8

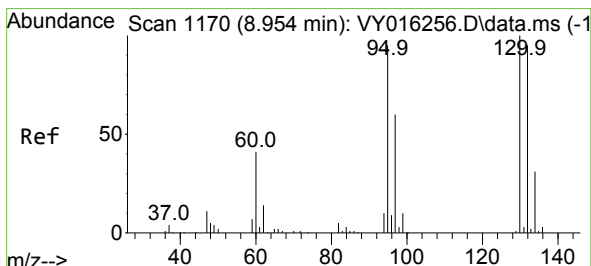
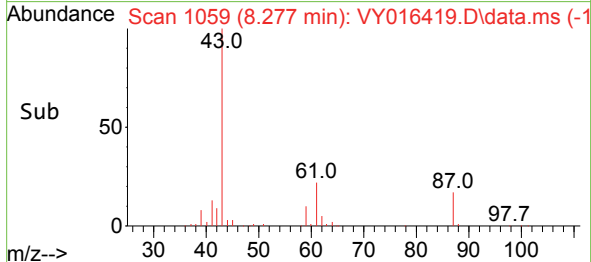
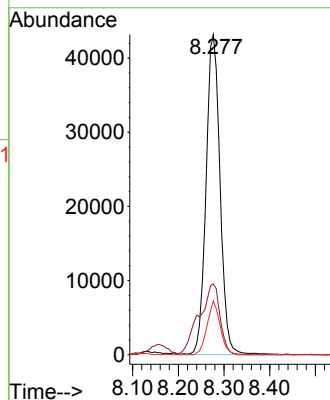
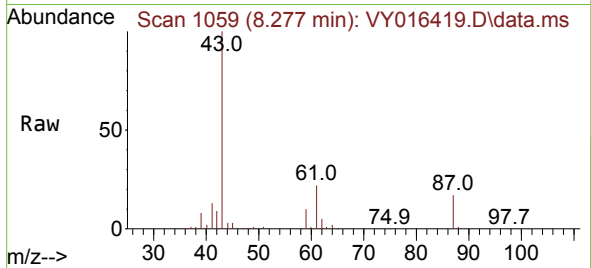




#43
Isopropyl Acetate
Concen: 50.315 ug/l
RT: 8.277 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

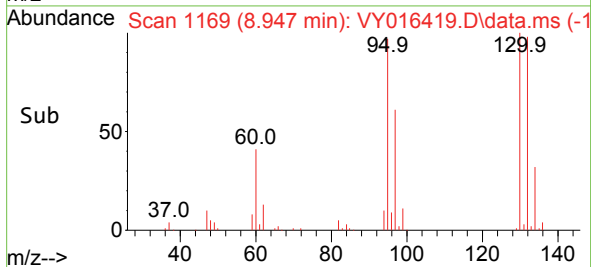
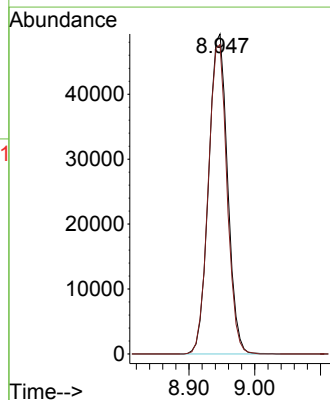
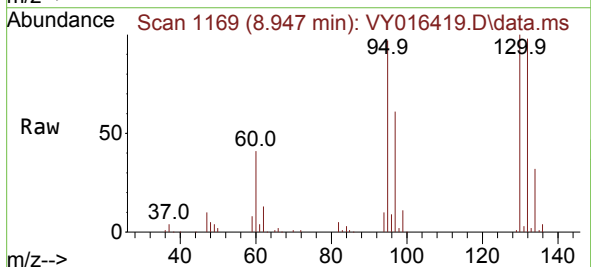
Instrument :
MSVOA_Y
ClientSampleId :

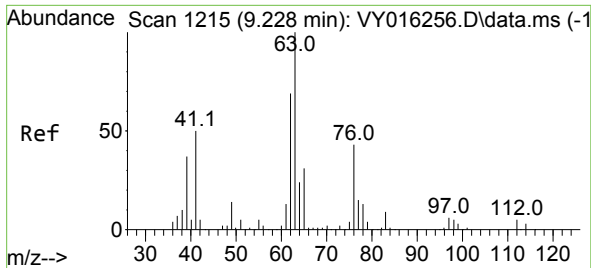
Tgt Ion: 43 Resp: 92103
Ion Ratio Lower Upper
43 100
61 32.8 21.1 31.7#
87 15.6 9.8 14.8#



#44
Trichloroethene
Concen: 52.045 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion:130 Resp: 98495
Ion Ratio Lower Upper
130 100
95 96.7 0.0 196.0

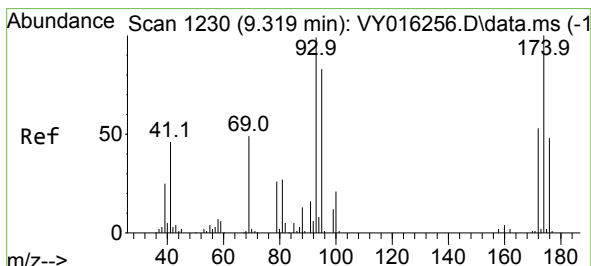
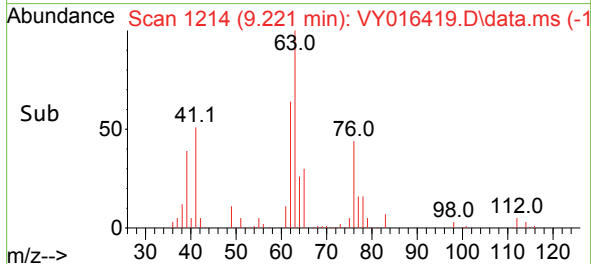
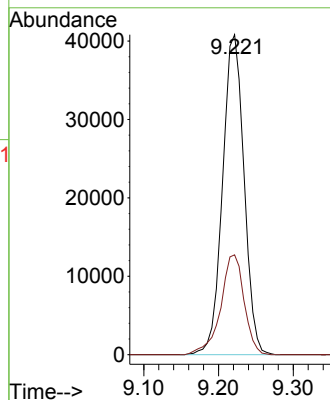
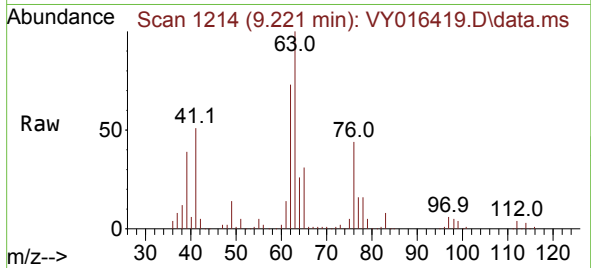




#45
1,2-Dichloropropane
Concen: 51.541 ug/l
RT: 9.221 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

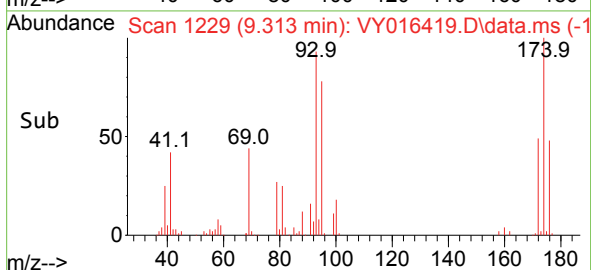
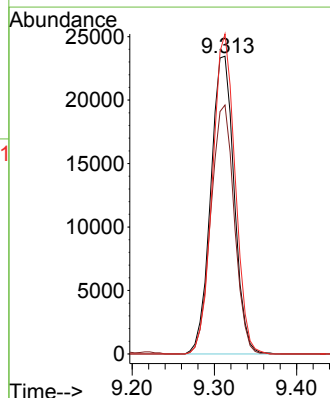
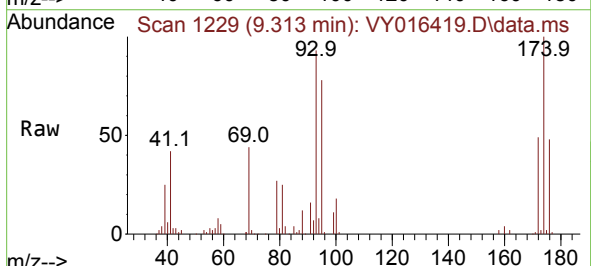
Instrument :
MSVOA_Y
ClientSampleId :

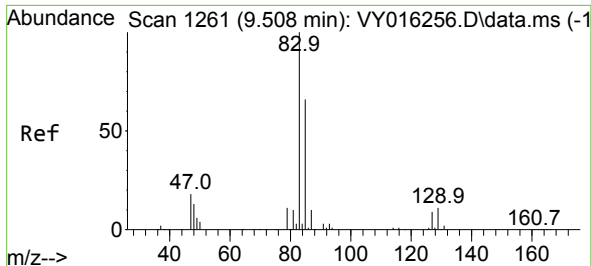
Tgt Ion: 63 Resp: 81508
Ion Ratio Lower Upper
63 100
65 31.2 23.8 35.6



#46
Dibromomethane
Concen: 54.080 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion: 93 Resp: 46345
Ion Ratio Lower Upper
93 100
95 83.5 66.6 100.0
174 104.0 84.8 127.2

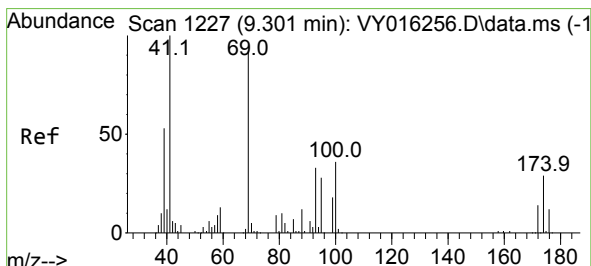
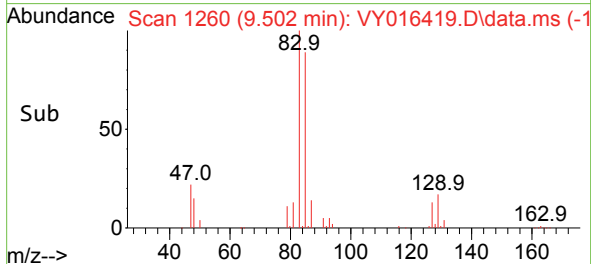
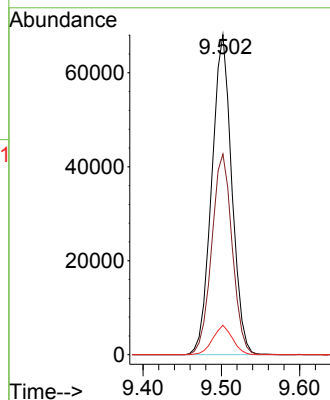
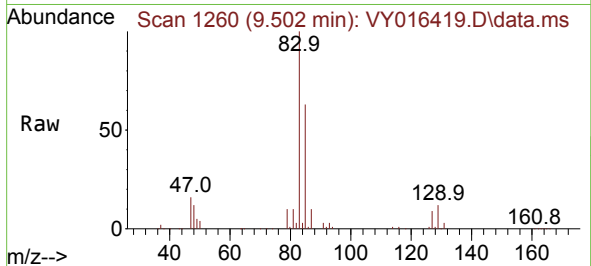




#47
Bromodichloromethane
Concen: 54.904 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

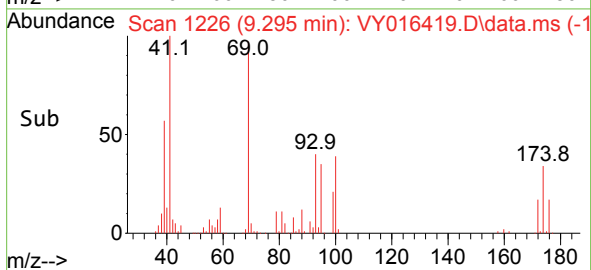
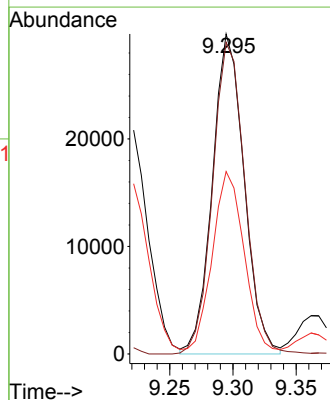
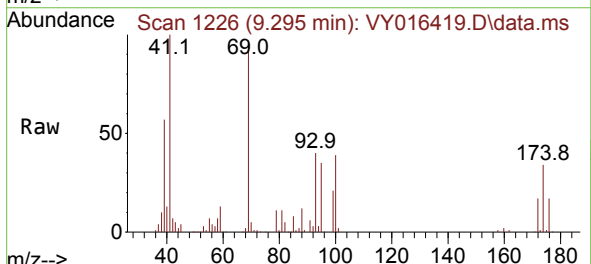
Instrument :
MSVOA_Y
ClientSampleId :

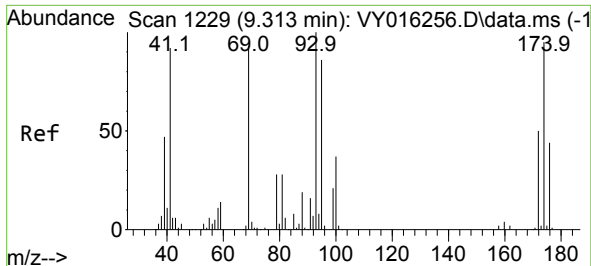
Tgt Ion: 83 Resp: 120964
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 9.2 7.1 10.7



#48
Methyl methacrylate
Concen: 51.381 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion: 41 Resp: 51981
Ion Ratio Lower Upper
41 100
69 98.9 64.5 96.7#
39 54.8 50.8 76.2





#49

1,4-Dioxane

Concen: 1102.541 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.012 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

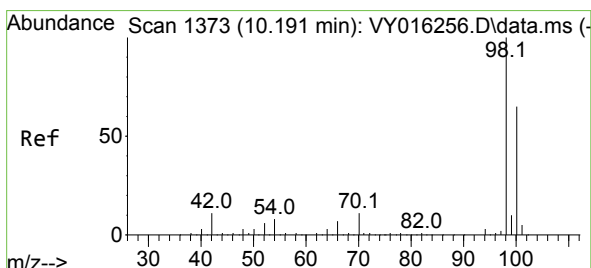
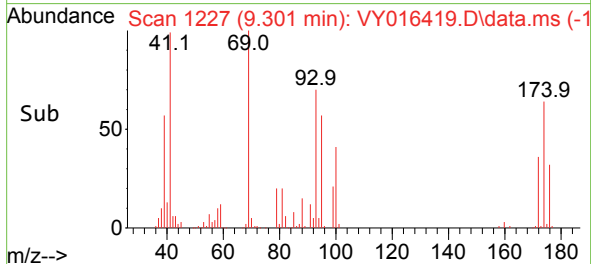
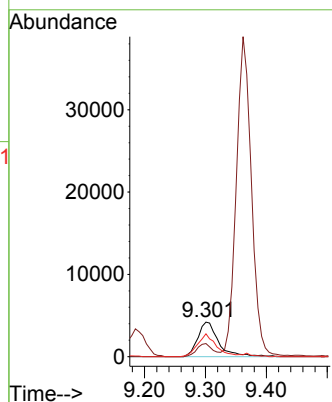
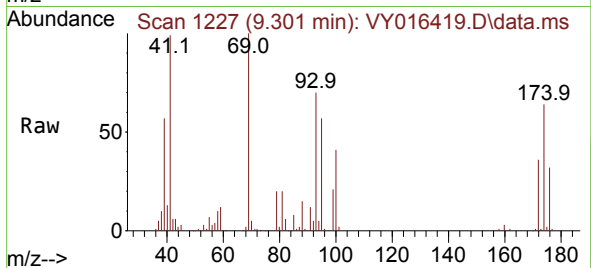
Tgt Ion: 88 Resp: 10031

Ion Ratio Lower Upper

88 100

43 30.1 0.0 0.0#

58 58.6 30.9 46.3#



#50

Toluene-d8

Concen: 51.285 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016419.D

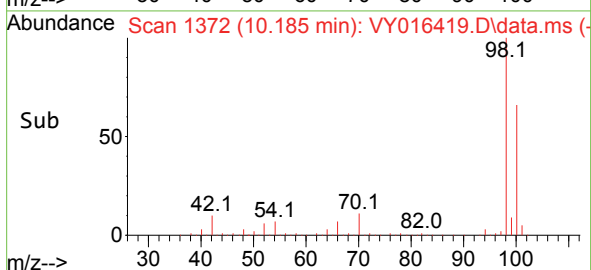
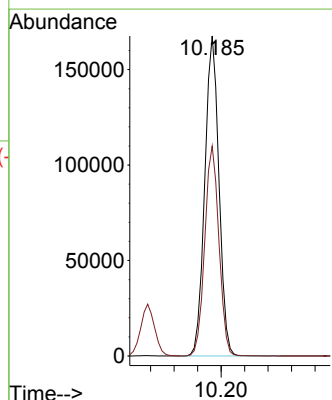
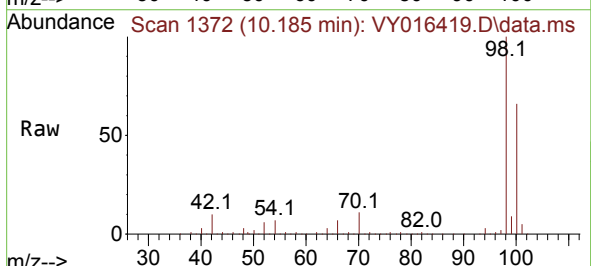
Acq: 17 Nov 2023 18:49

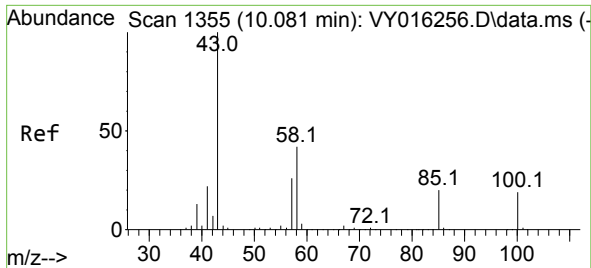
Tgt Ion: 98 Resp: 280713

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

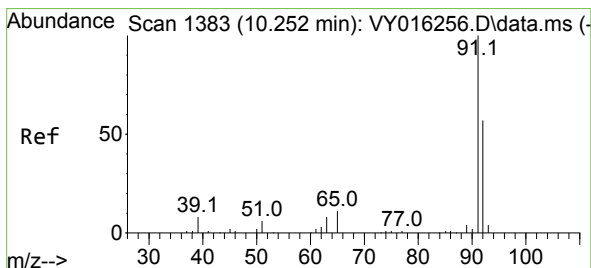
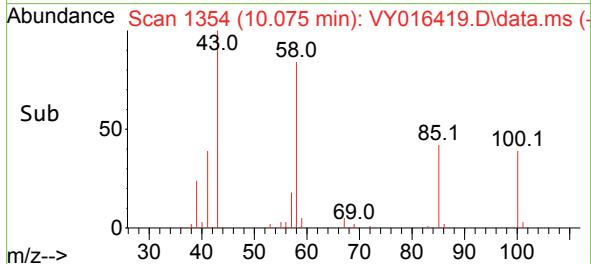
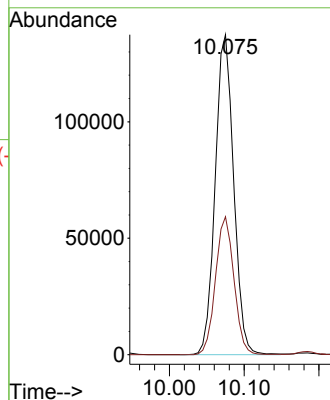
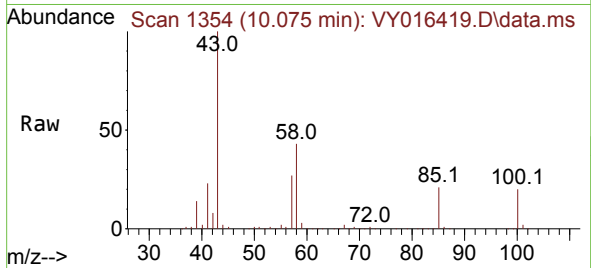




#51
4-Methyl-2-Pentanone
Concen: 254.563 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

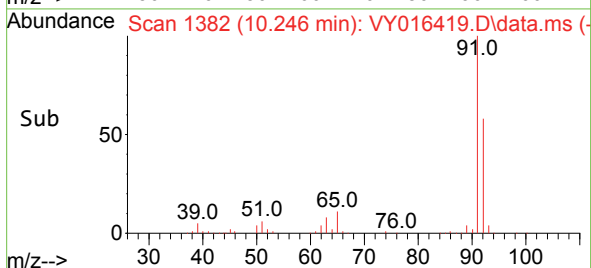
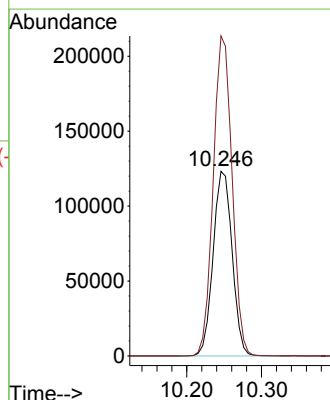
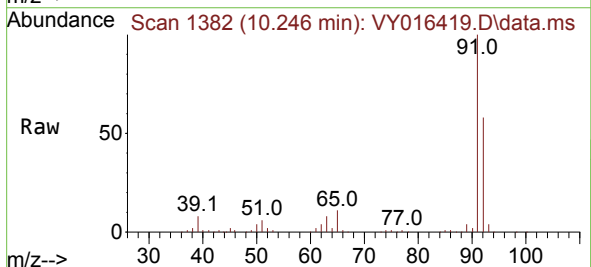
Instrument :
MSVOA_Y
ClientSampleId :

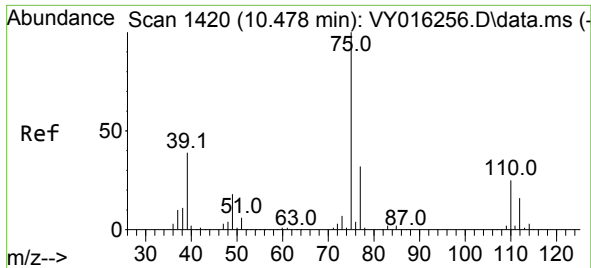
Tgt Ion: 43 Resp: 235638
Ion Ratio Lower Upper
43 100
58 43.1 29.0 43.6



#52
Toluene
Concen: 52.266 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion: 92 Resp: 217557
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6

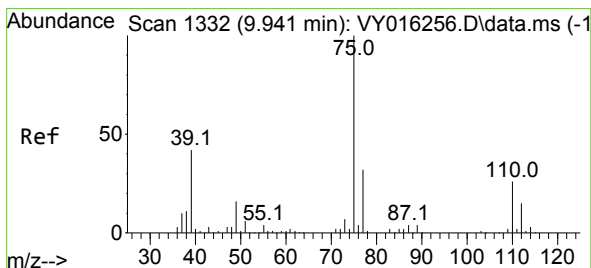
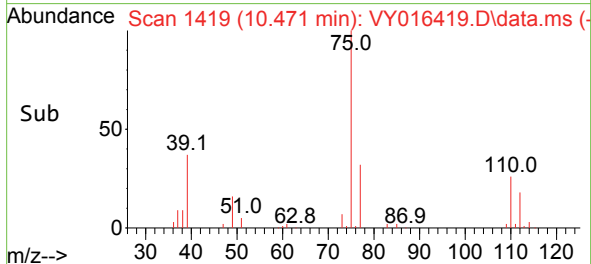
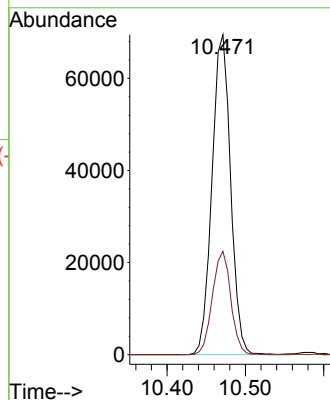
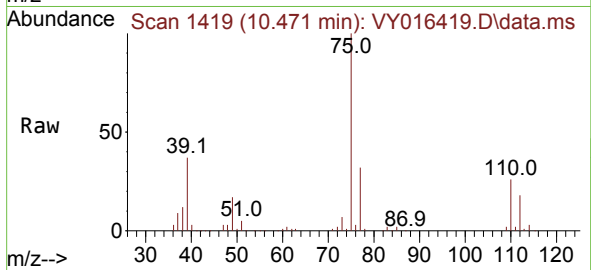




#53
 t-1,3-Dichloropropene
 Concen: 53.714 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY016419.D
 Acq: 17 Nov 2023 18:49

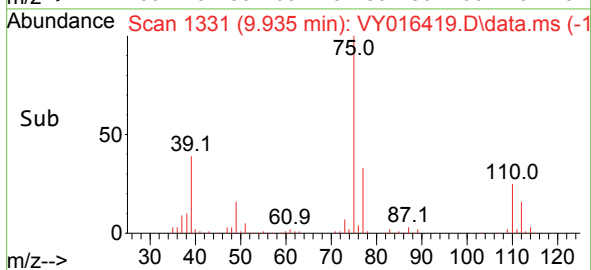
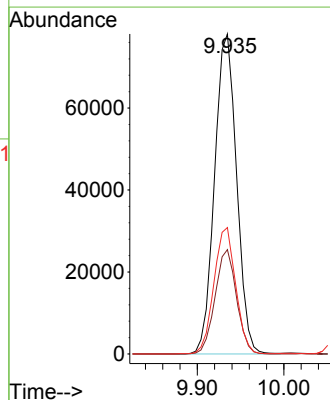
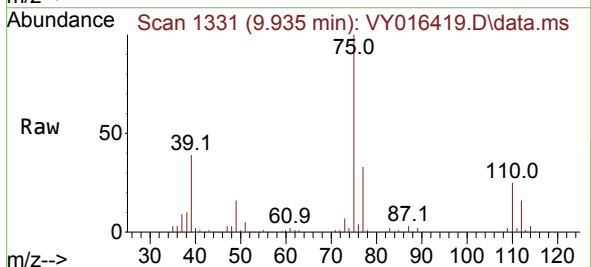
Instrument :
 MSVOA_Y
 ClientSampleId :

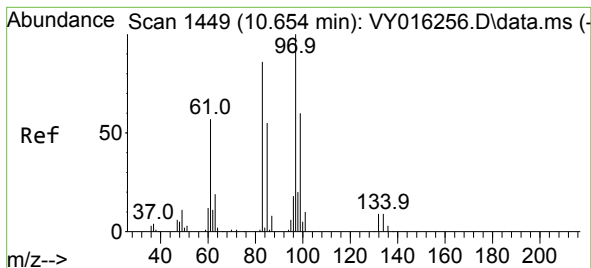
Tgt Ion: 75 Resp: 114724
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.019 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016419.D
 Acq: 17 Nov 2023 18:49

Tgt Ion: 75 Resp: 137804
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.2 36.4
 39 39.4 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 55.950 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 66087

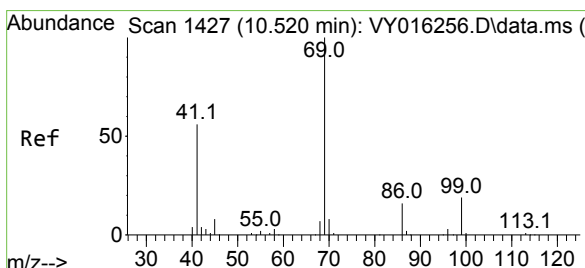
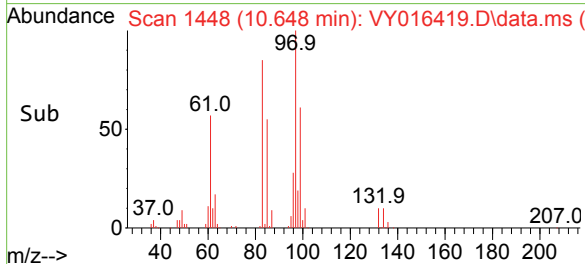
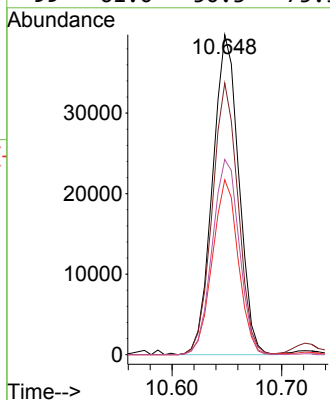
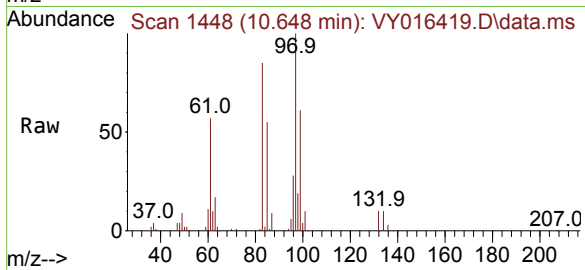
Ion Ratio Lower Upper

97 100

83 84.9 72.0 108.0

85 54.6 45.4 68.0

99 61.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 54.622 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

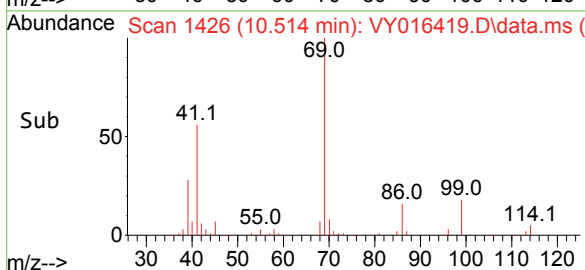
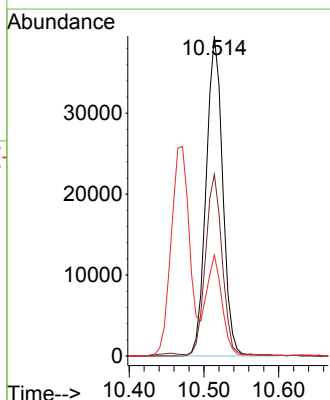
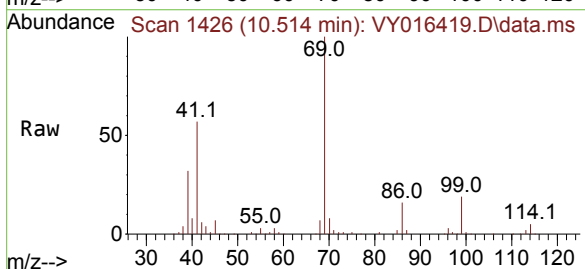
Tgt Ion: 69 Resp: 60903

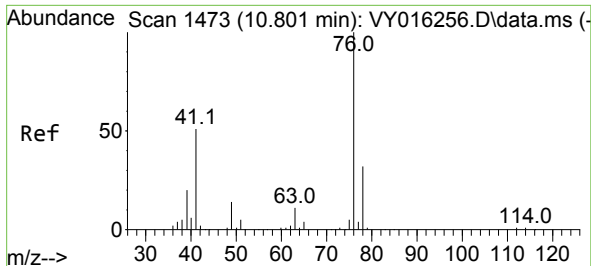
Ion Ratio Lower Upper

69 100

41 57.7 57.6 86.4

39 28.9 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 54.918 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

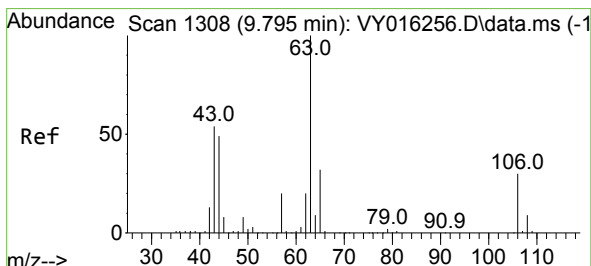
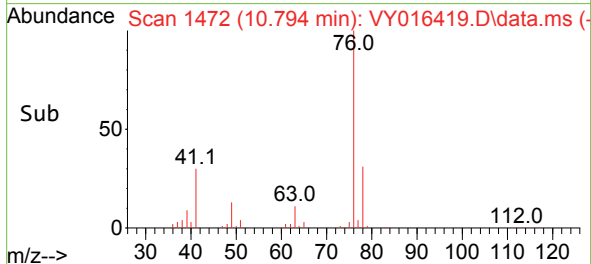
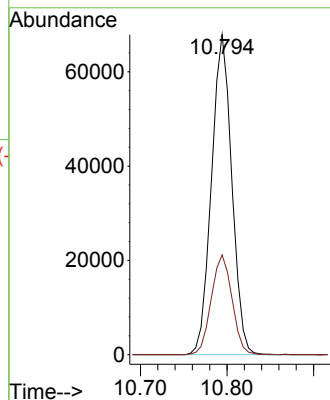
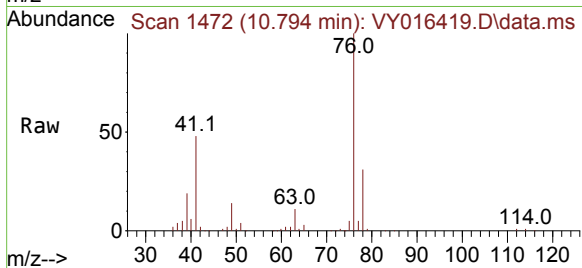
ClientSampleId :

Tgt Ion: 76 Resp: 110572

Ion Ratio Lower Upper

76 100

78 31.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 281.233 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.006 min

Lab File: VY016419.D

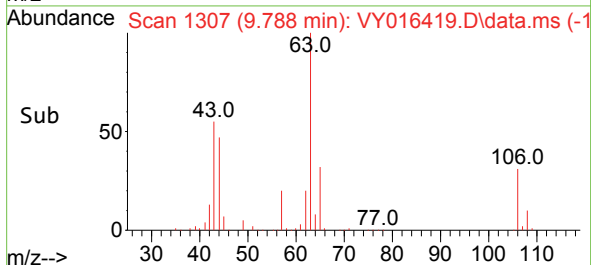
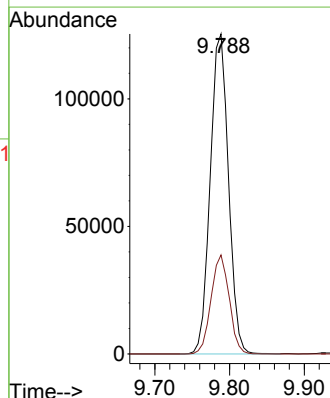
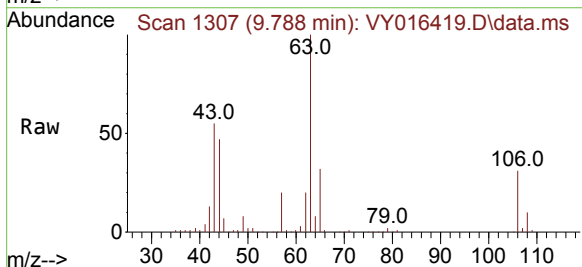
Acq: 17 Nov 2023 18:49

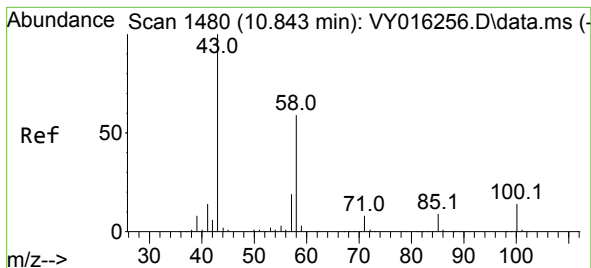
Tgt Ion: 63 Resp: 212624

Ion Ratio Lower Upper

63 100

106 30.7 21.2 31.8

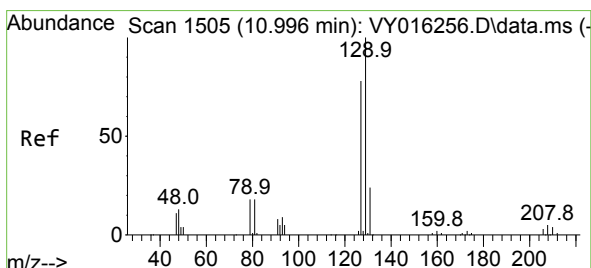
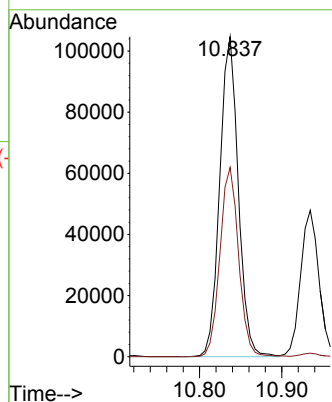
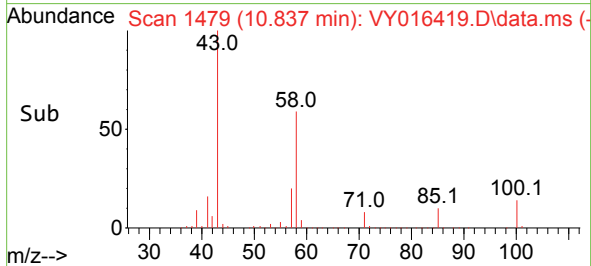
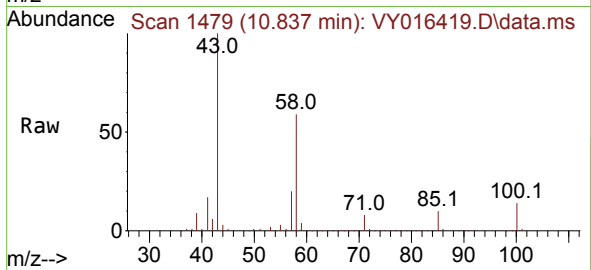




#59
2-Hexanone
Concen: 238.433 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

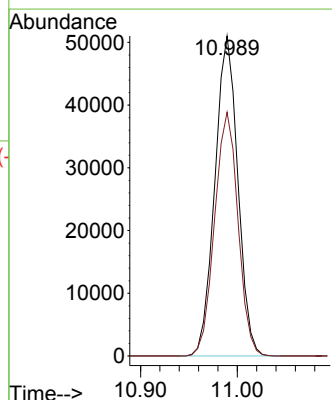
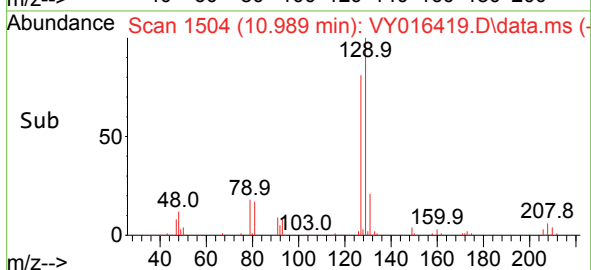
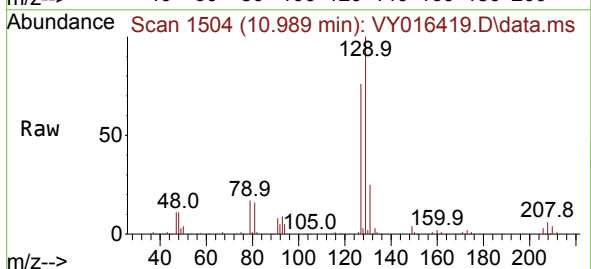
Instrument :
MSVOA_Y
ClientSampleId :

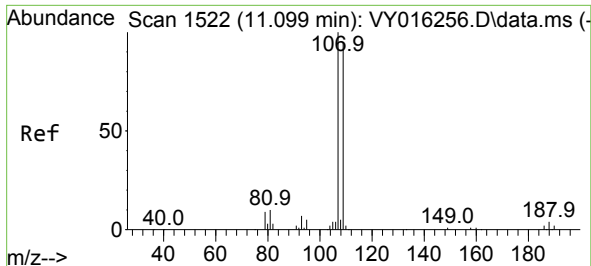
Tgt Ion: 43 Resp: 164167
Ion Ratio Lower Upper
43 100
58 59.7 25.1 75.3



#60
Dibromochloromethane
Concen: 56.853 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion:129 Resp: 83985
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

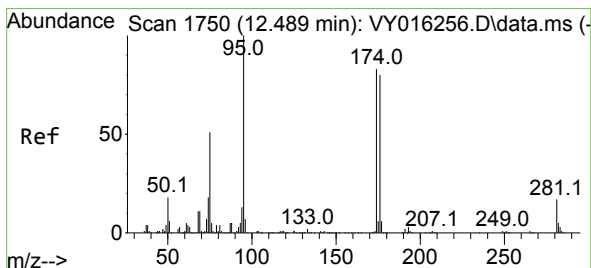
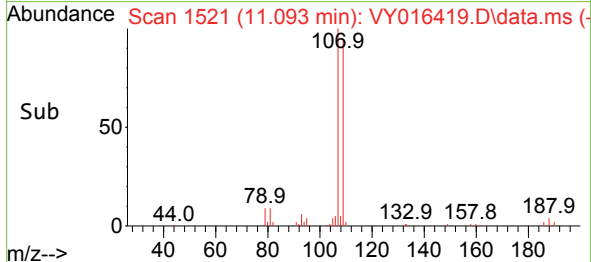
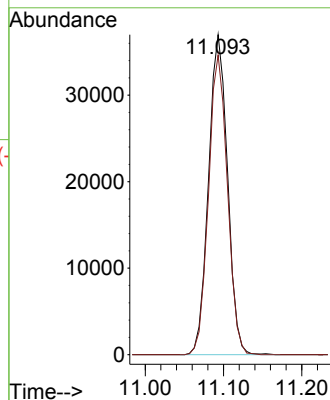
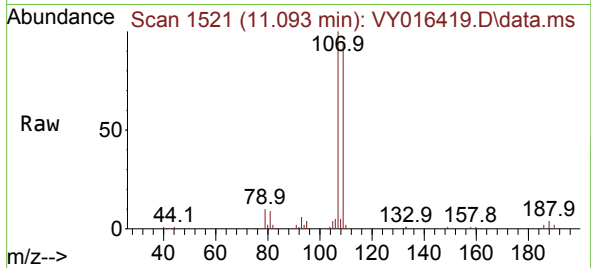




#61
1,2-Dibromoethane
Concen: 55.286 ug/l
RT: 11.093 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

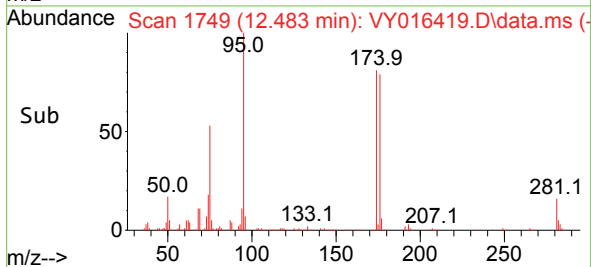
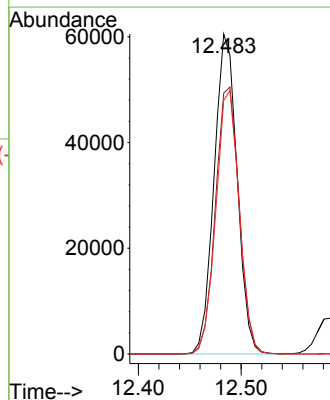
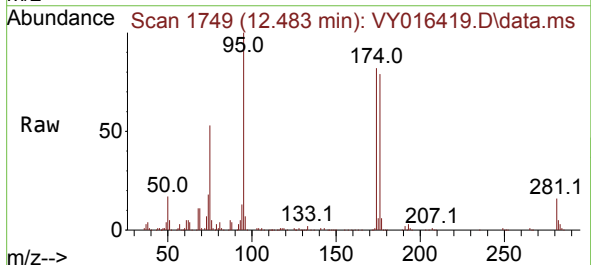
Instrument :
MSVOA_Y
ClientSampleId :

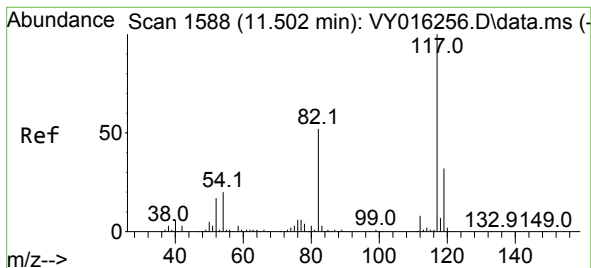
Tgt Ion:107 Resp: 62214
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.852 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion: 95 Resp: 93958
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.2
176 83.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

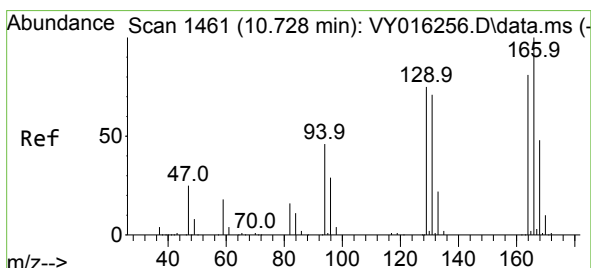
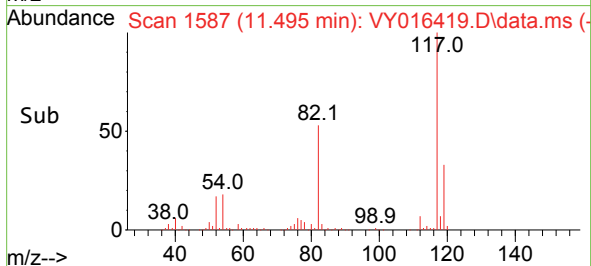
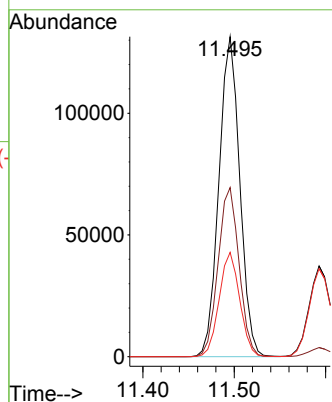
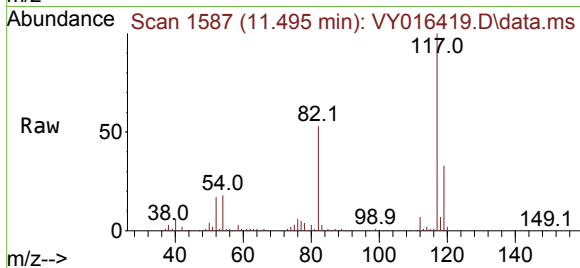
Tgt Ion:117 Resp: 208797

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 32.6 26.3 39.5



#64

Tetrachloroethene

Concen: 54.054 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Tgt Ion:164 Resp: 101340

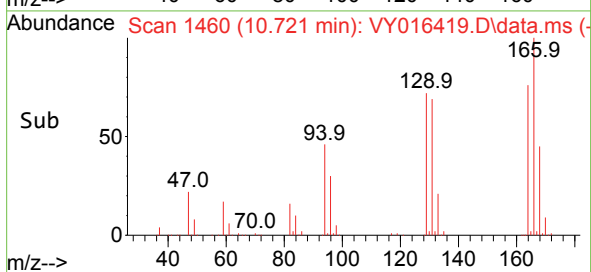
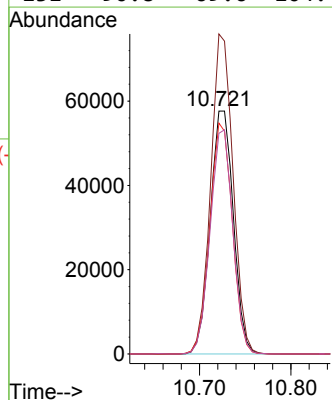
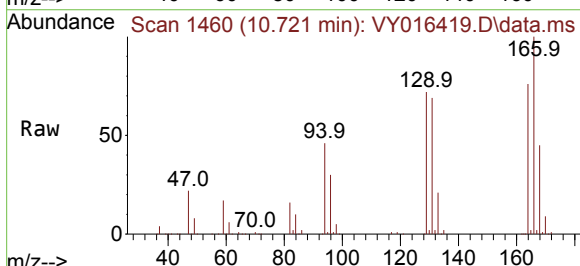
Ion Ratio Lower Upper

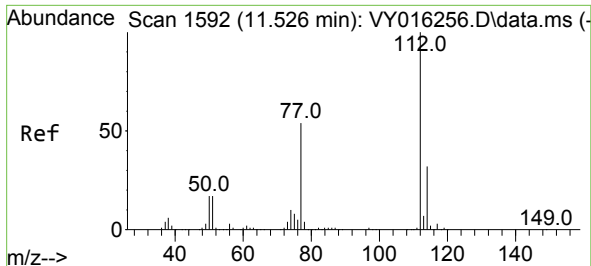
164 100

166 131.7 103.0 154.6

129 95.0 77.2 115.8

131 90.8 69.6 104.4

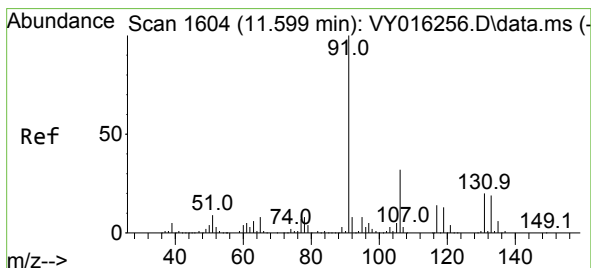
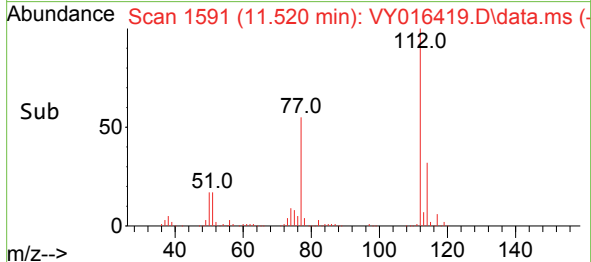
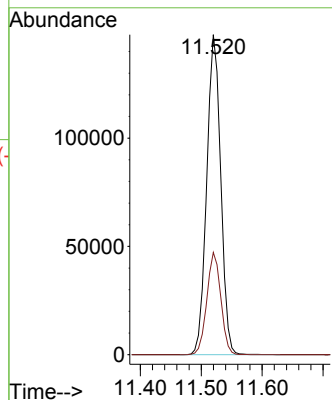
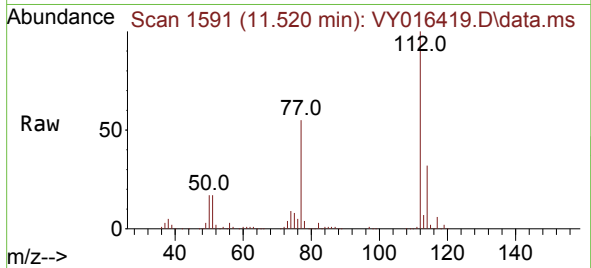




#65
Chlorobenzene
Concen: 52.901 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

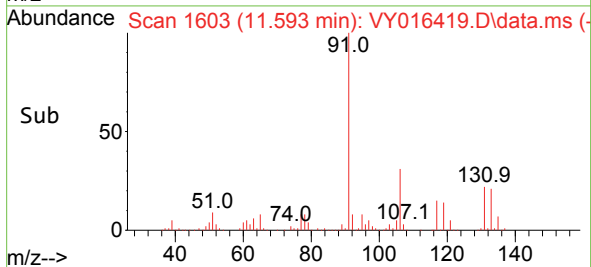
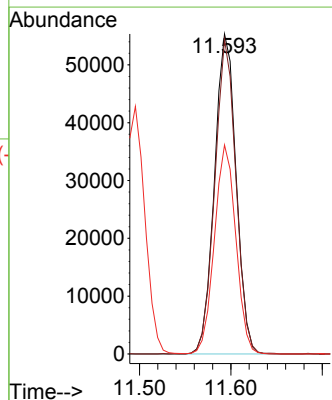
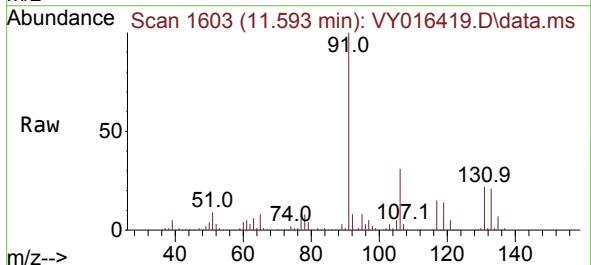
Instrument :
MSVOA_Y
ClientSampleId :

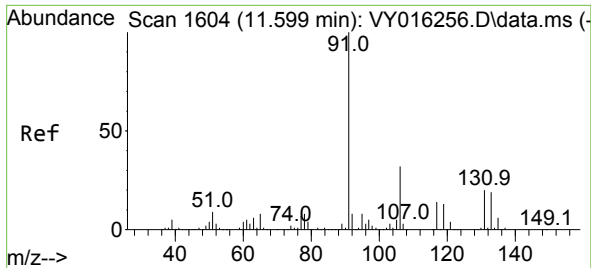
Tgt Ion:112 Resp: 235991
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.345 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion:131 Resp: 91062
Ion Ratio Lower Upper
131 100
133 96.0 47.5 142.6
119 64.7 31.6 94.7

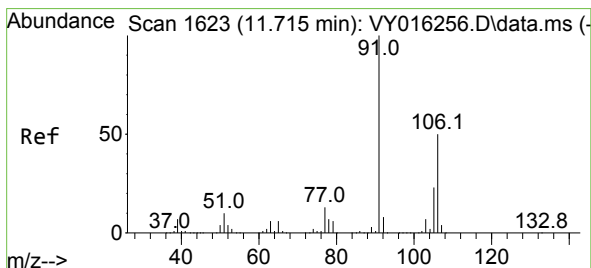
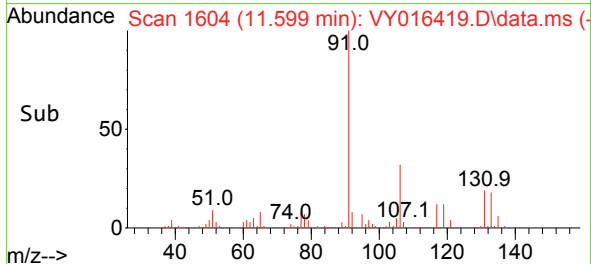
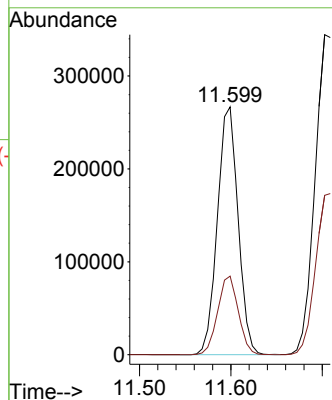
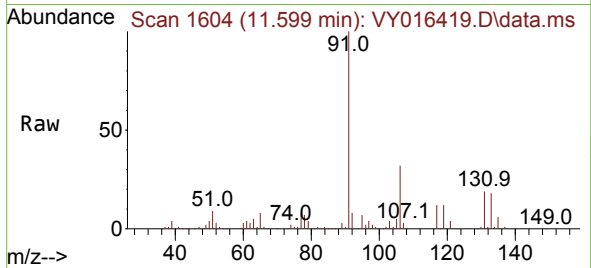




#67
Ethyl Benzene
Concen: 52.391 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

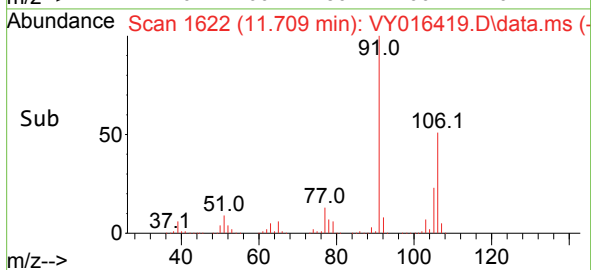
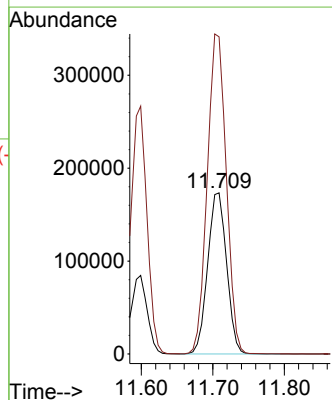
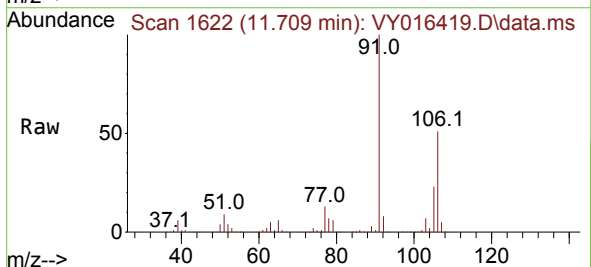
Instrument :
MSVOA_Y
ClientSampleId :

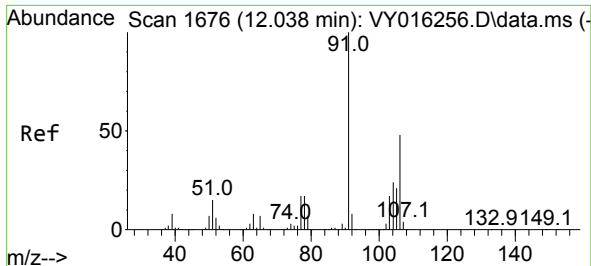
Tgt Ion: 91 Resp: 420030
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8



#68
m/p-Xylenes
Concen: 104.891 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion:106 Resp: 318955
Ion Ratio Lower Upper
106 100
91 199.5 166.1 249.1

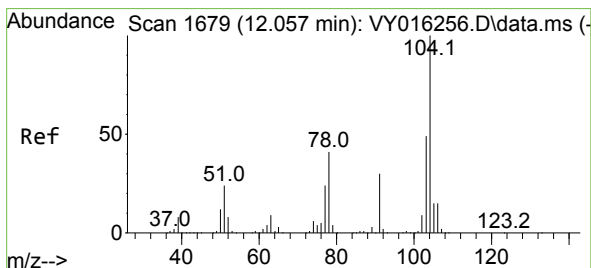
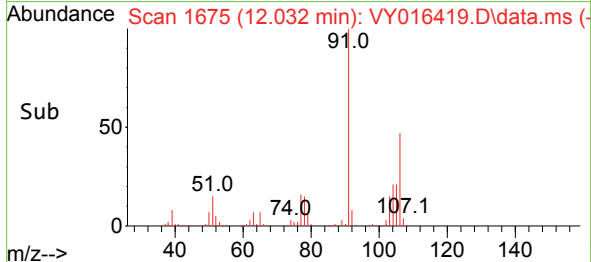
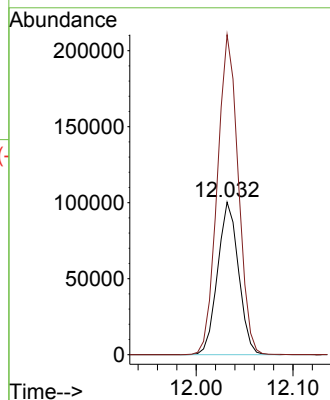
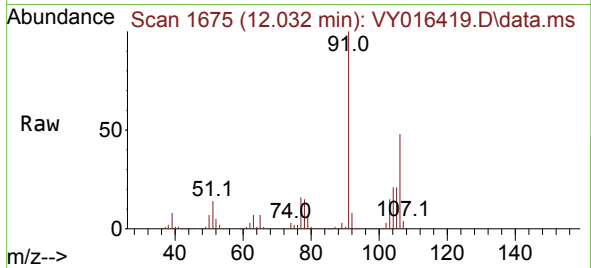




#69
o-Xylene
Concen: 53.357 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

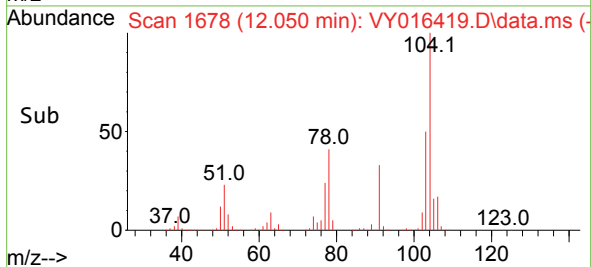
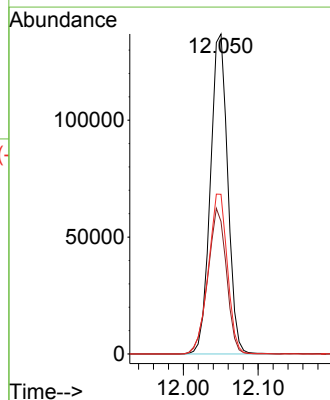
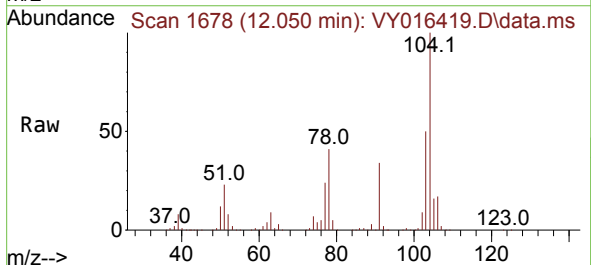
Instrument :
MSVOA_Y
ClientSampleId :

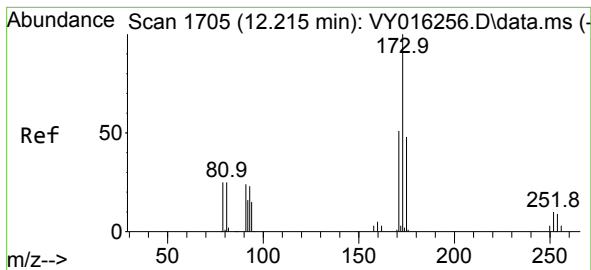
Tgt Ion:106 Resp: 150641
Ion Ratio Lower Upper
106 100
91 210.3 108.1 324.3



#70
Styrene
Concen: 54.721 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion:104 Resp: 221217
Ion Ratio Lower Upper
104 100
78 48.8 41.5 62.3
103 55.0 44.6 67.0





#71

Bromoform

Concen: 57.270 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

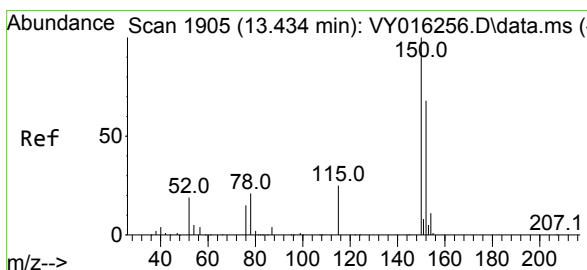
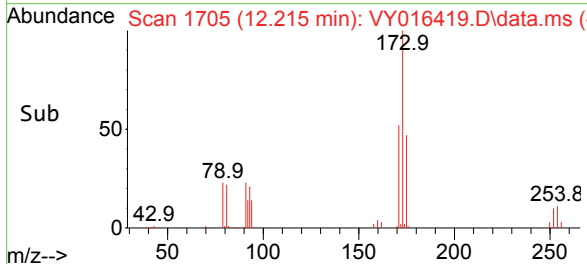
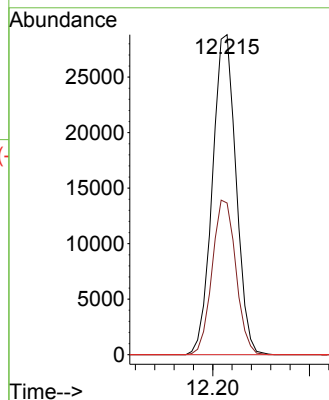
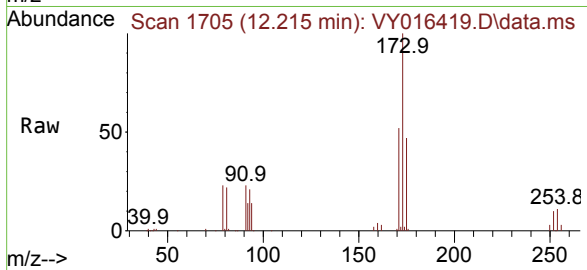
Tgt Ion:173 Resp: 48895

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

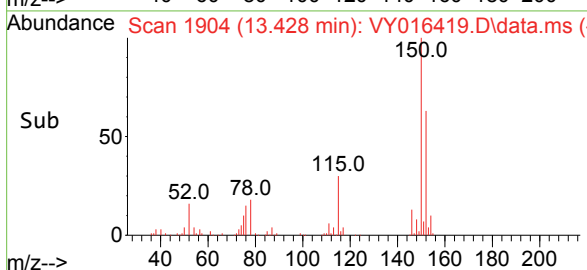
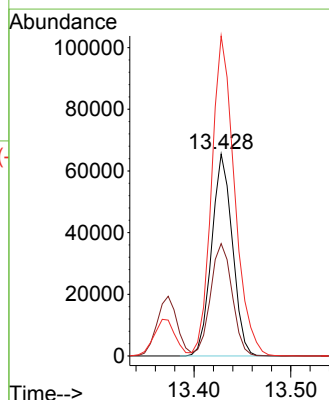
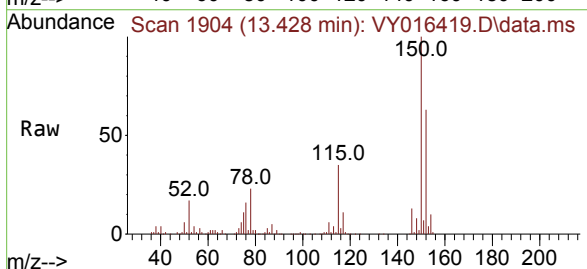
Tgt Ion:152 Resp: 97567

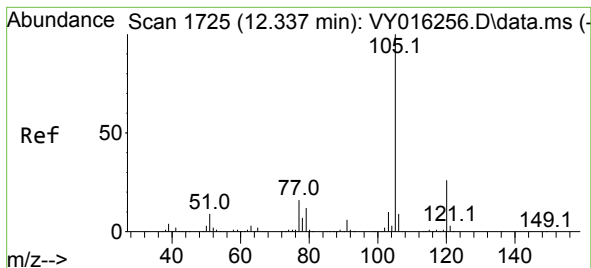
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 175.4 0.0 348.8





#73

Isopropylbenzene

Concen: 51.689 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

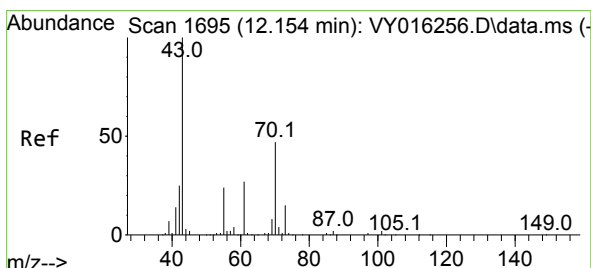
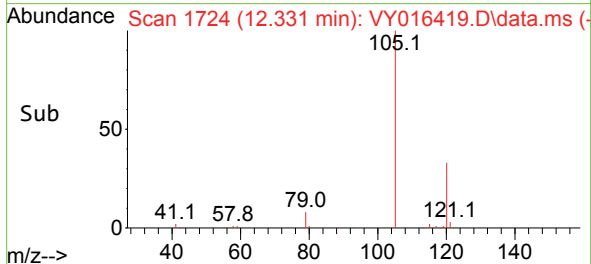
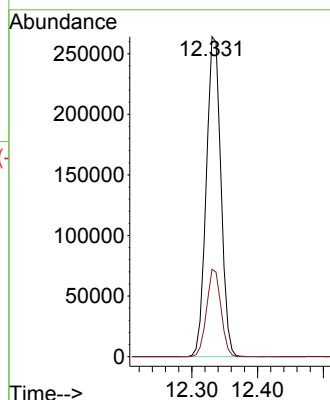
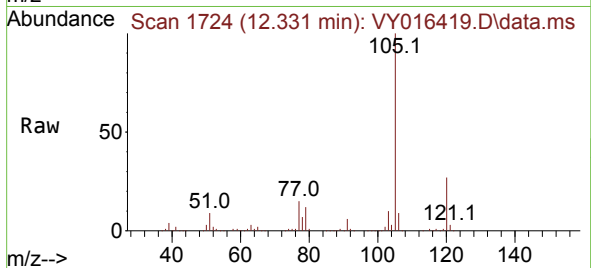
ClientSampleId :

Tgt Ion:105 Resp: 408387

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 47.377 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Tgt Ion: 43 Resp: 75187

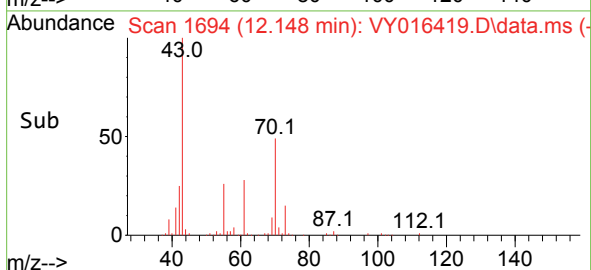
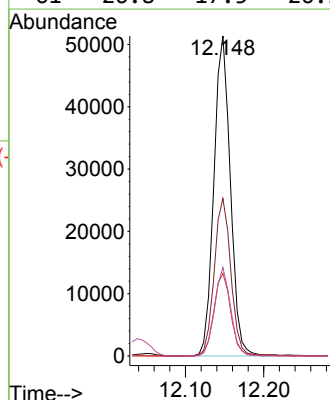
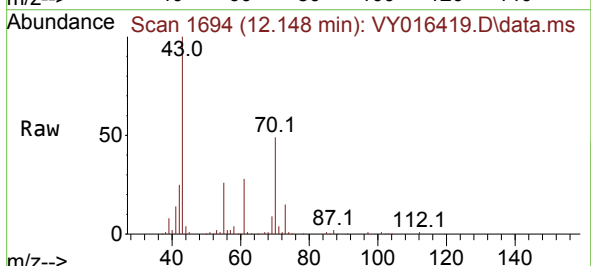
Ion Ratio Lower Upper

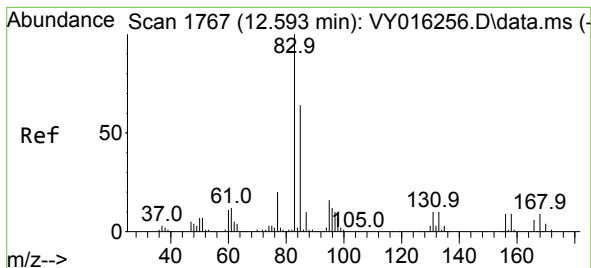
43 100

70 49.4 29.7 44.5#

55 26.7 18.3 27.5

61 26.8 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 52.180 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

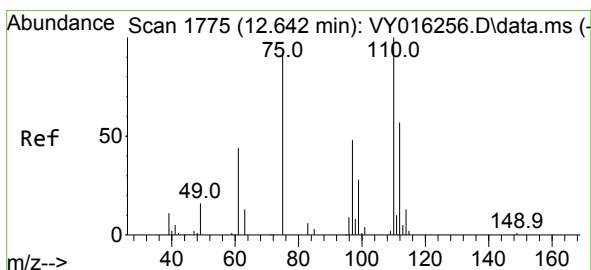
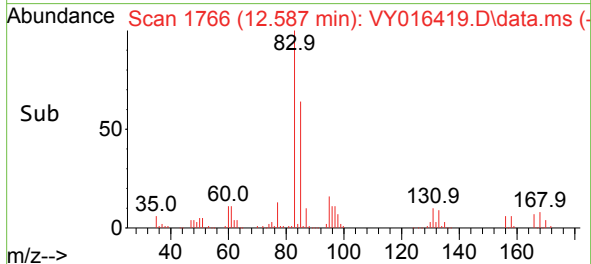
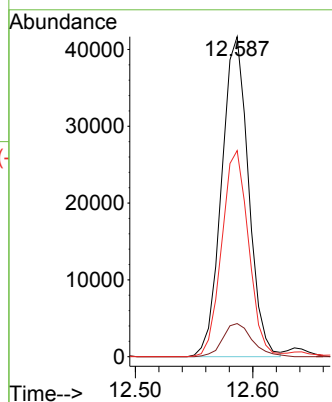
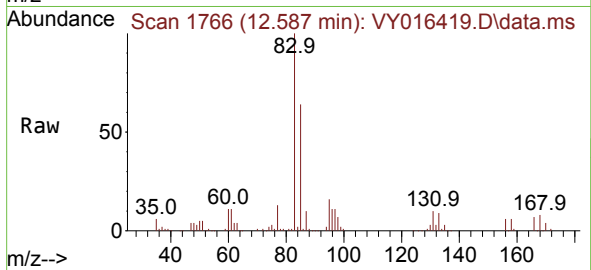
Tgt Ion: 83 Resp: 66153

Ion Ratio Lower Upper

83 100

131 11.4 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 95.882 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY016419.D

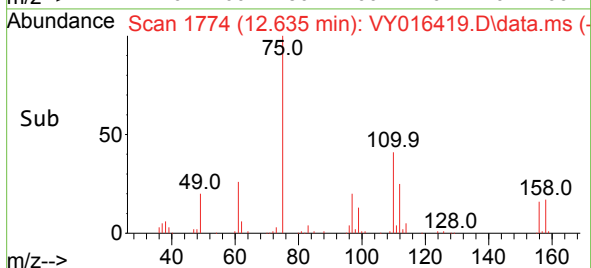
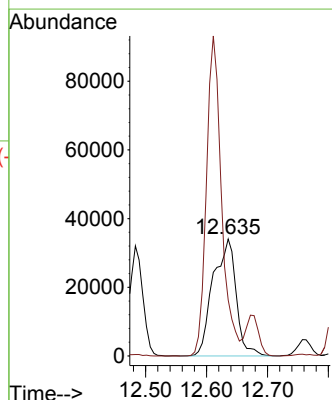
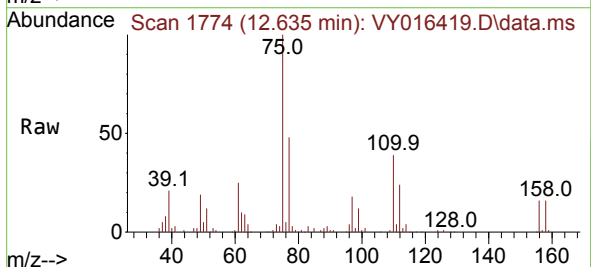
Acq: 17 Nov 2023 18:49

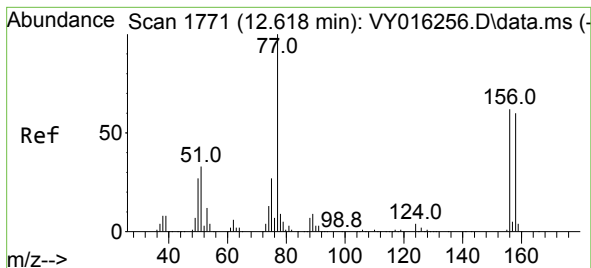
Tgt Ion: 75 Resp: 89741

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.673 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

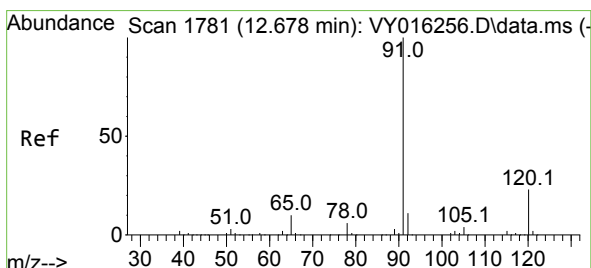
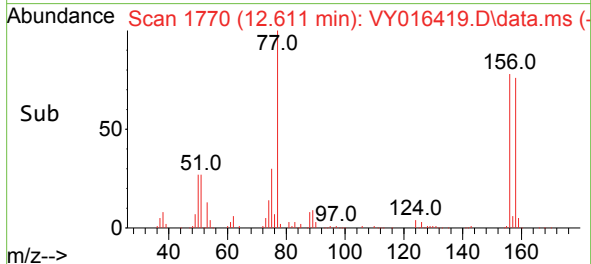
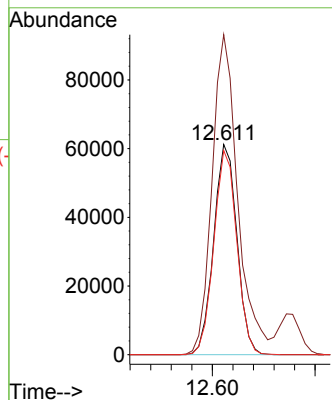
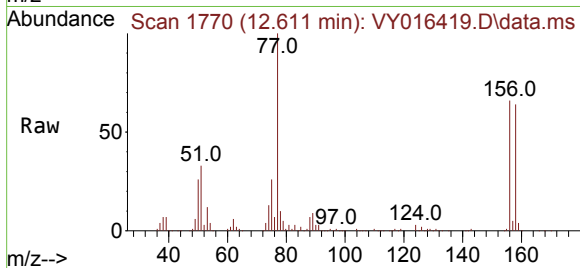
Tgt Ion:156 Resp: 95842

Ion Ratio Lower Upper

156 100

77 168.2 92.8 278.6

158 96.2 48.4 145.3



#78

n-propylbenzene

Concen: 50.812 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY016419.D

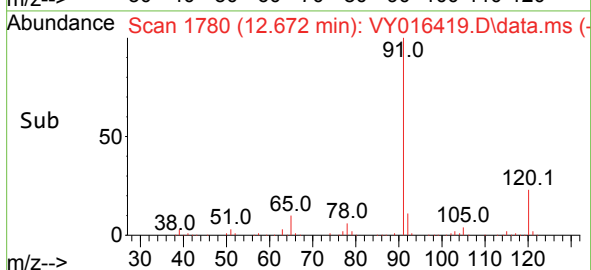
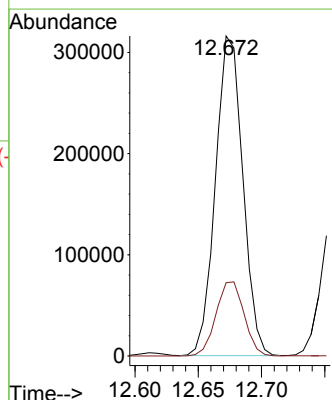
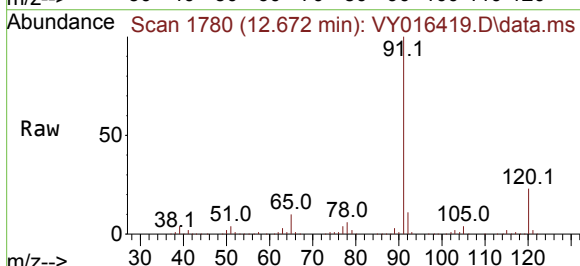
Acq: 17 Nov 2023 18:49

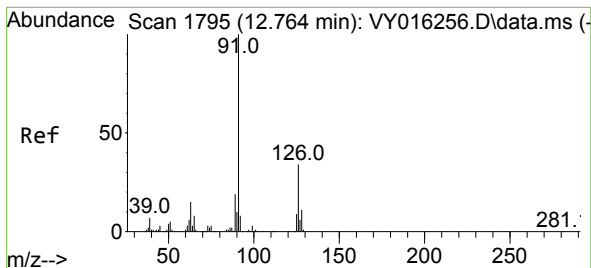
Tgt Ion: 91 Resp: 474434

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.524 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

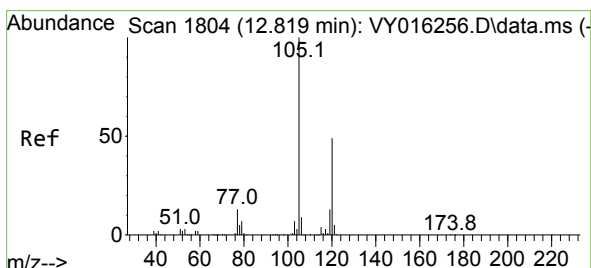
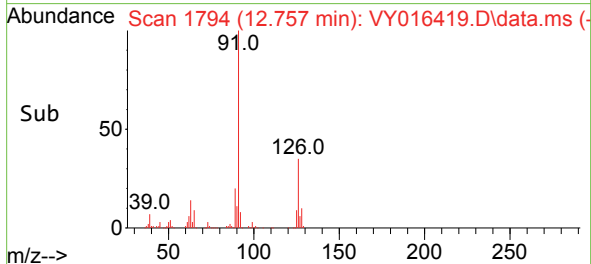
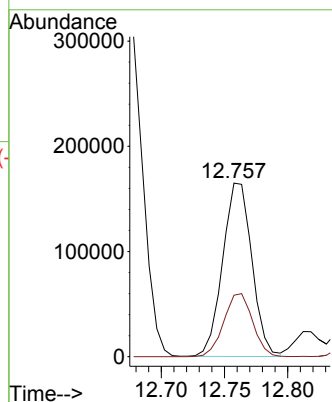
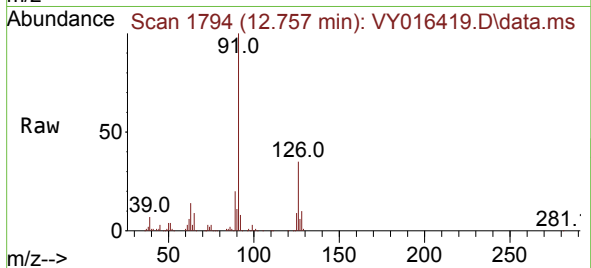
ClientSampleId :

Tgt Ion: 91 Resp: 265124

Ion Ratio Lower Upper

91 100

126 36.0 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 52.545 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VY016419.D

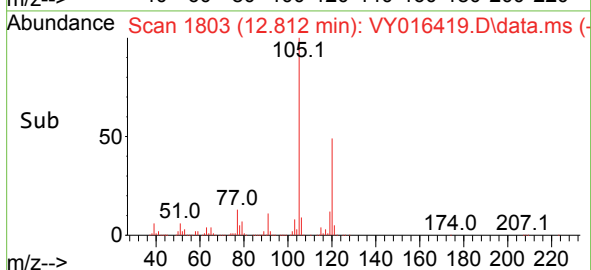
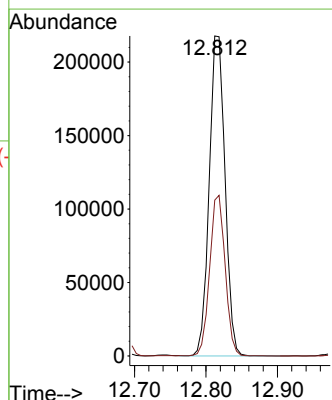
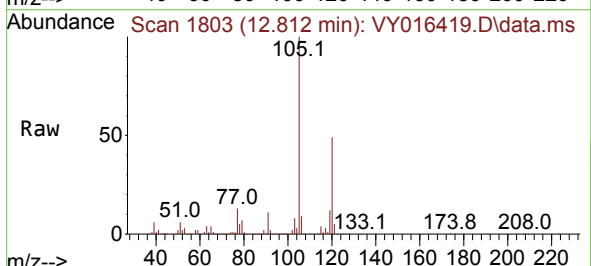
Acq: 17 Nov 2023 18:49

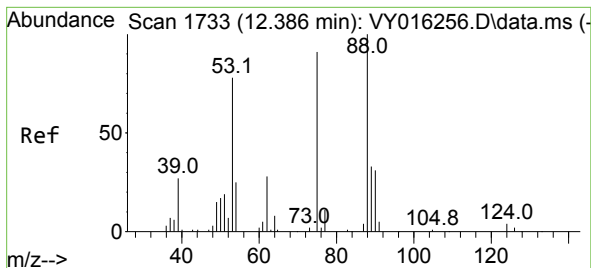
Tgt Ion:105 Resp: 334711

Ion Ratio Lower Upper

105 100

120 49.2 23.9 71.7

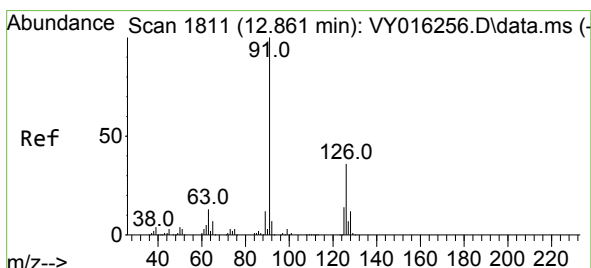
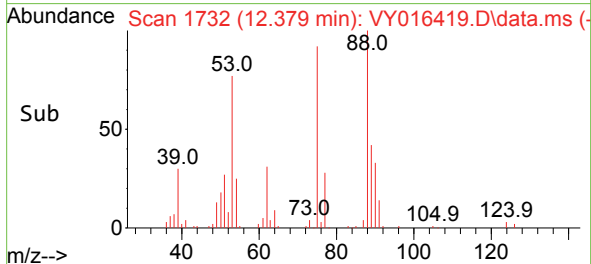
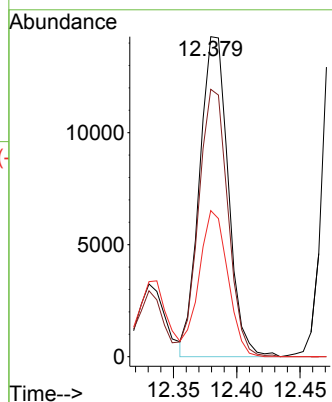
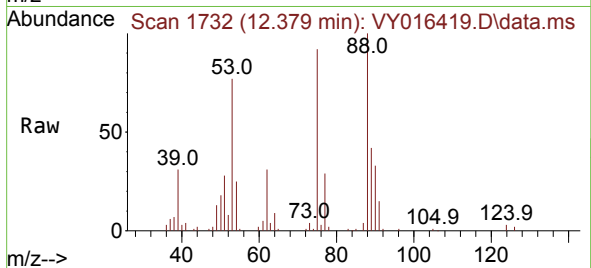




#81
trans-1,4-Dichloro-2-butene
Concen: 52.419 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

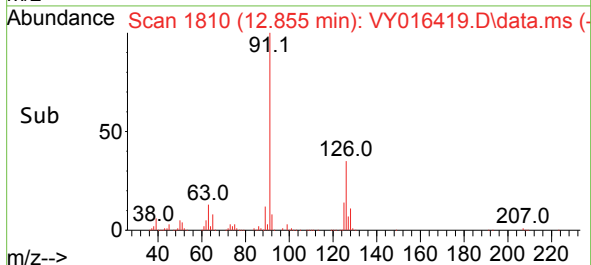
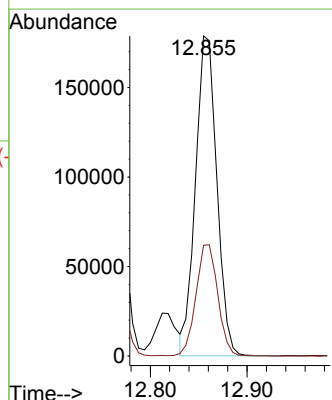
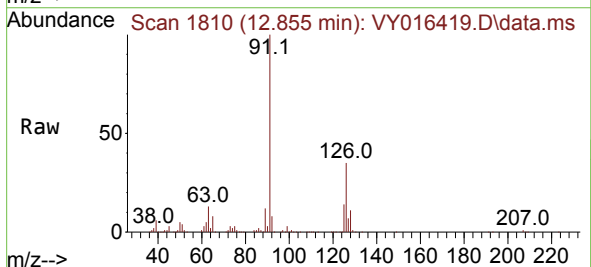
Instrument :
MSVOA_Y
ClientSampleId :

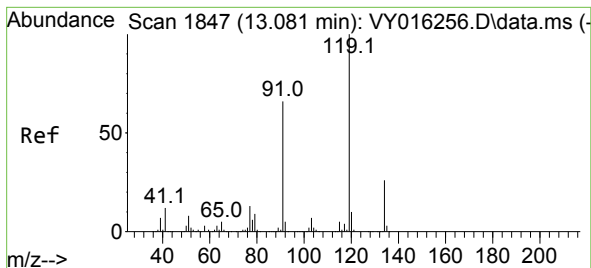
Tgt Ion: 75 Resp: 22603
Ion Ratio Lower Upper
75 100
53 85.6 77.8 116.8
89 45.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.553 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion: 91 Resp: 274111
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 52.992 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

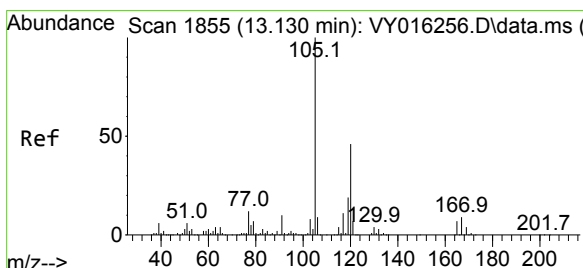
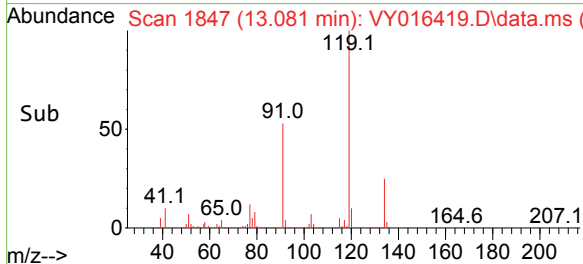
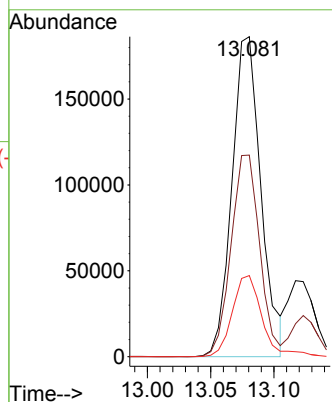
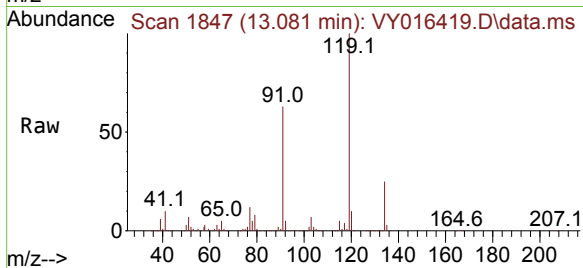
Tgt Ion:119 Resp: 297327

Ion Ratio Lower Upper

119 100

91 62.4 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.601 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016419.D

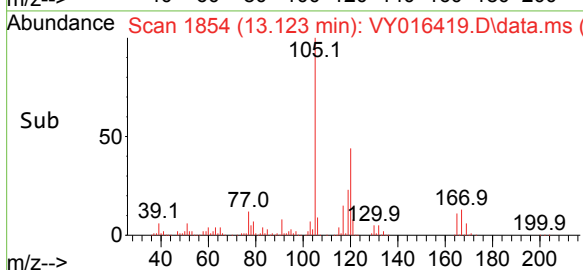
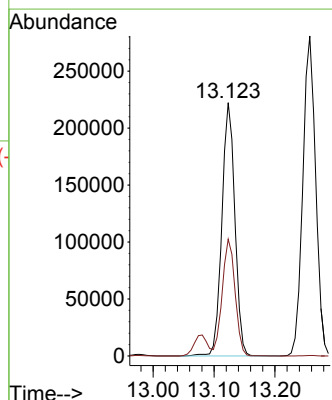
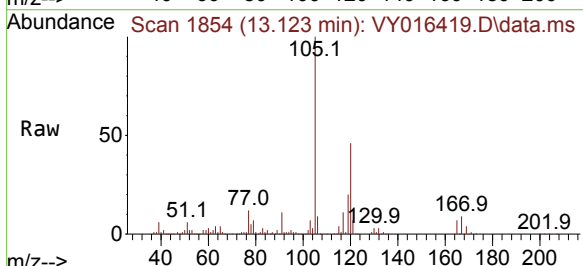
Acq: 17 Nov 2023 18:49

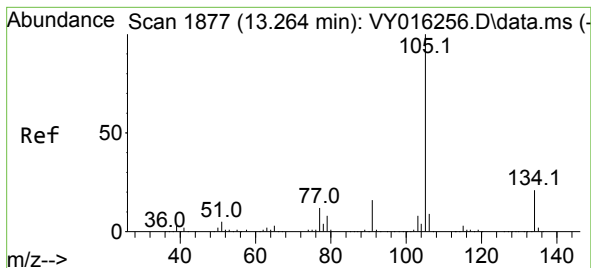
Tgt Ion:105 Resp: 329928

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.347 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

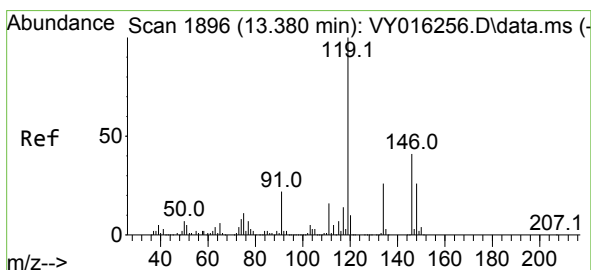
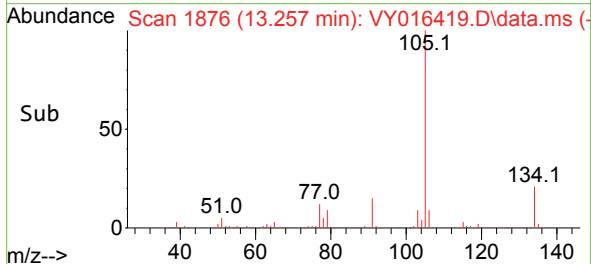
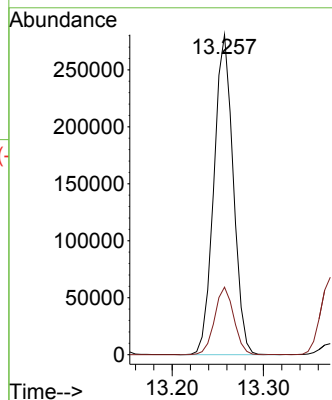
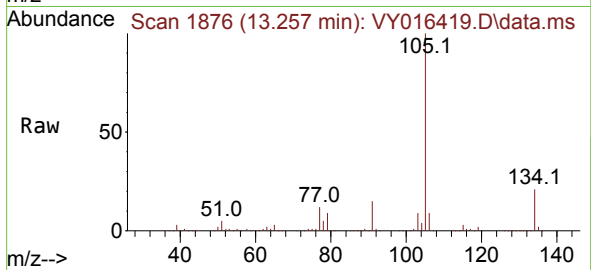
ClientSampleId :

Tgt Ion:105 Resp: 411586

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.696 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

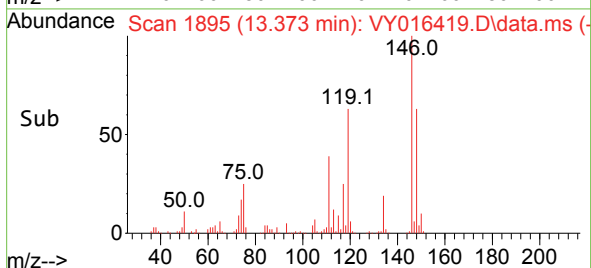
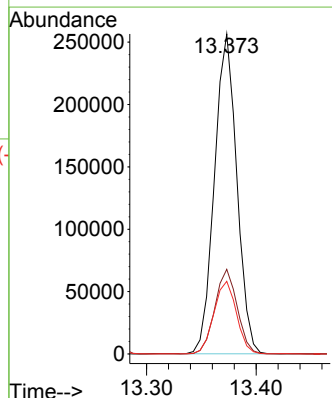
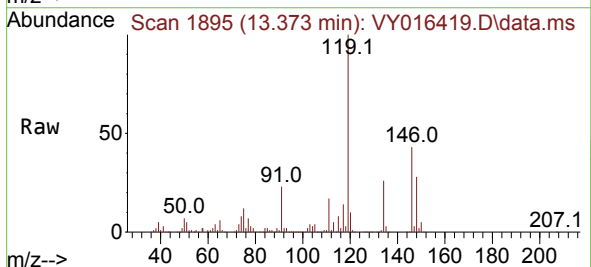
Tgt Ion:119 Resp: 363718

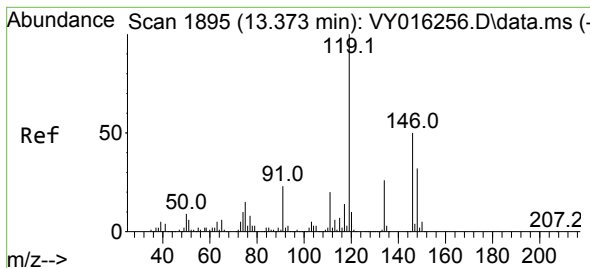
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 22.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.532 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

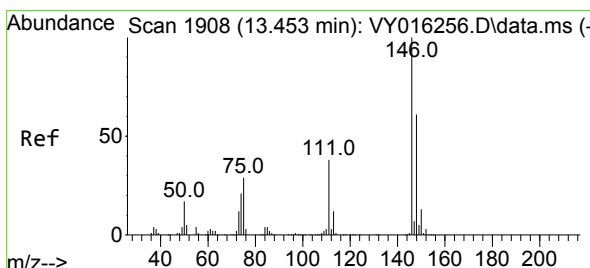
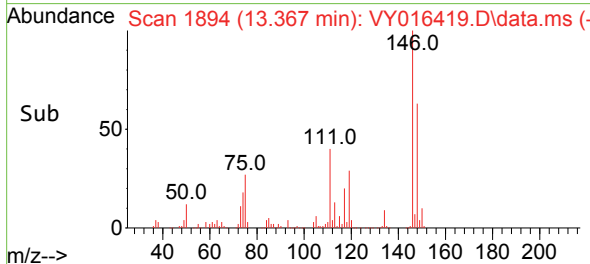
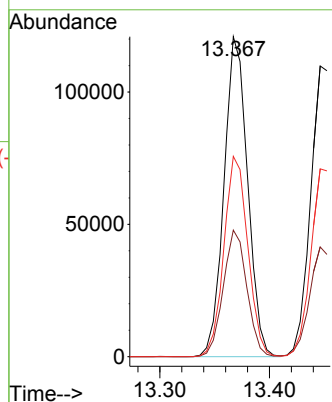
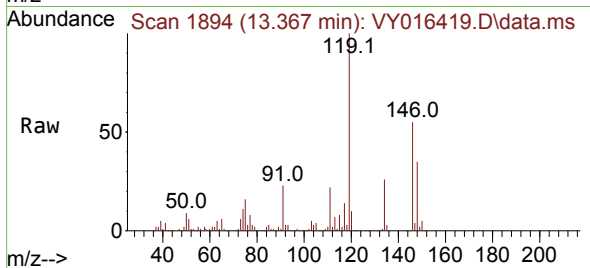
Tgt Ion:146 Resp: 180470

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.2

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 52.350 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

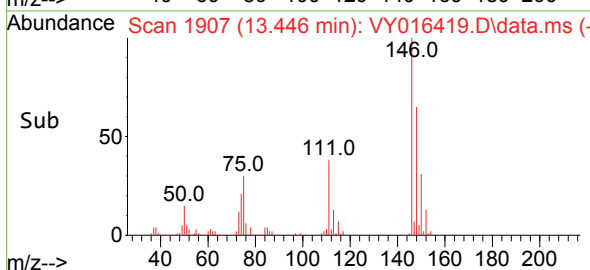
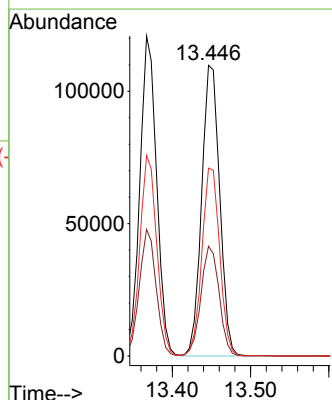
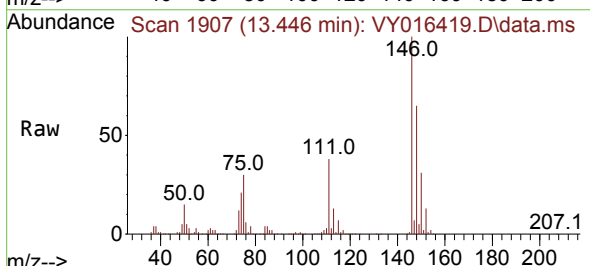
Tgt Ion:146 Resp: 175761

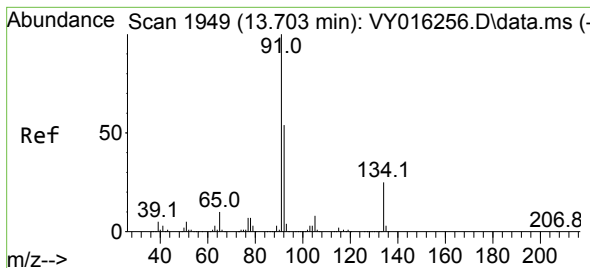
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 51.108 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

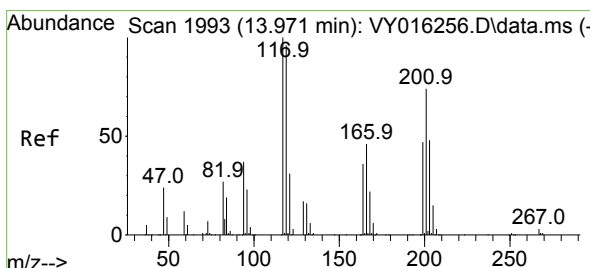
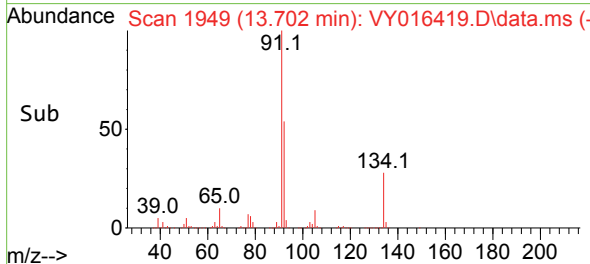
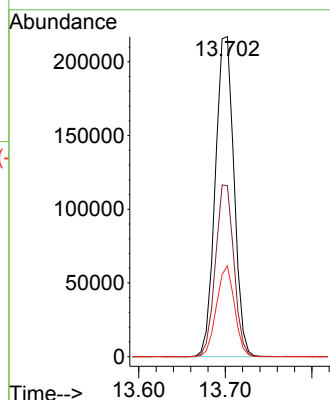
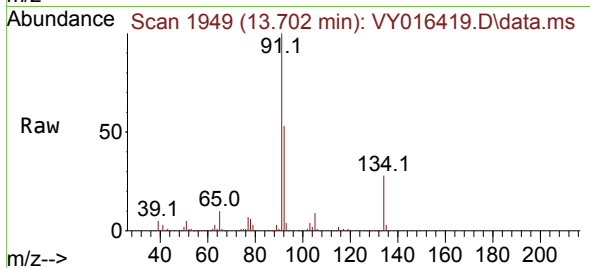
Tgt Ion: 91 Resp: 325772

Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.0

134 27.4 12.6 37.6



#90

Hexachloroethane

Concen: 52.505 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. -0.006 min

Lab File: VY016419.D

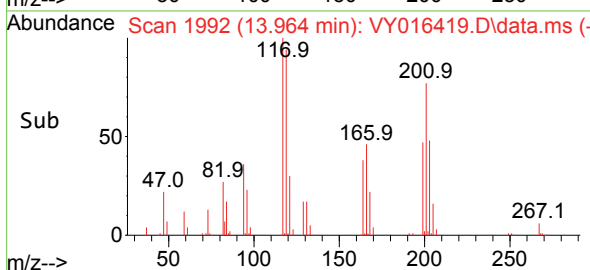
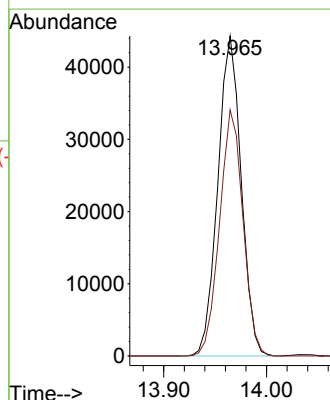
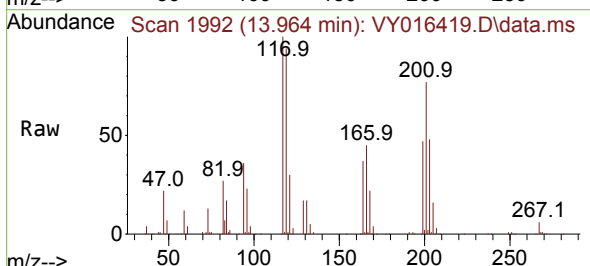
Acq: 17 Nov 2023 18:49

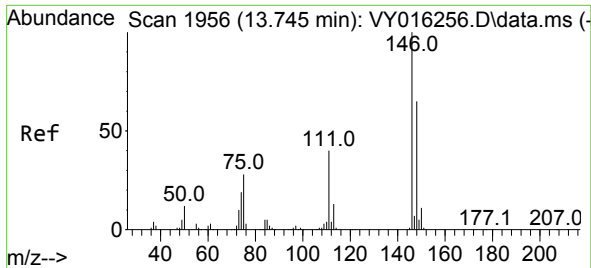
Tgt Ion: 117 Resp: 69907

Ion Ratio Lower Upper

117 100

201 77.0 41.6 124.8

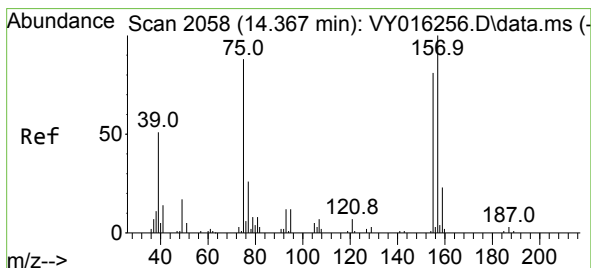
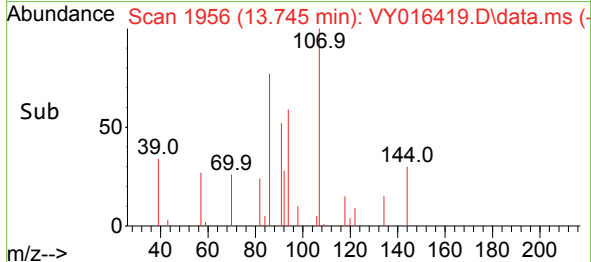
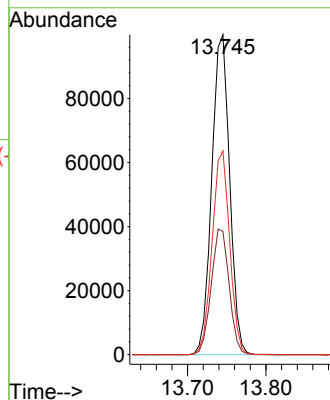
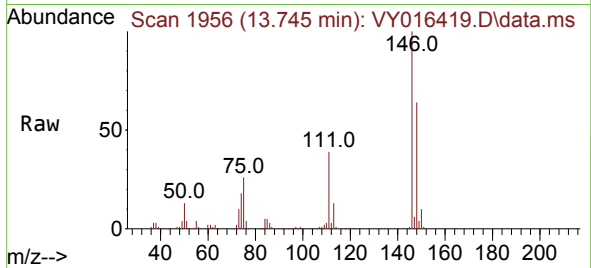




#91
1,2-Dichlorobenzene
Concen: 53.776 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

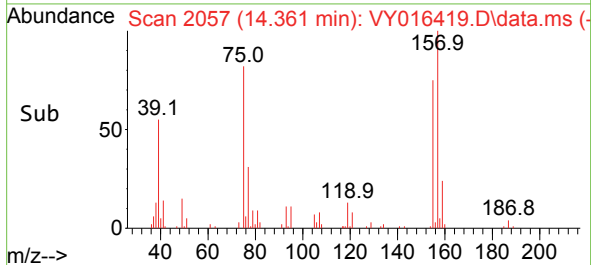
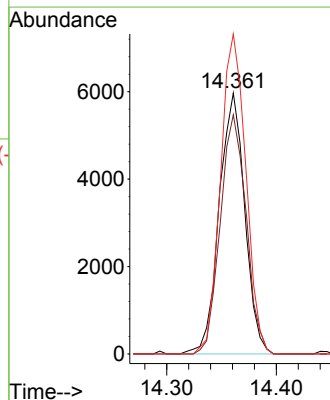
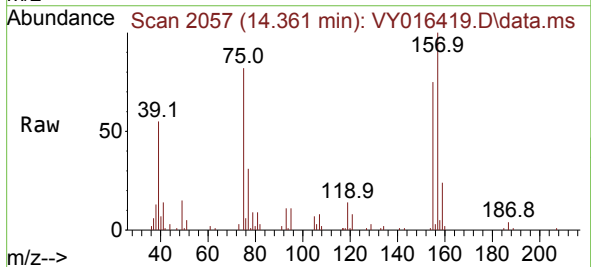
Instrument :
MSVOA_Y
ClientSampleId :

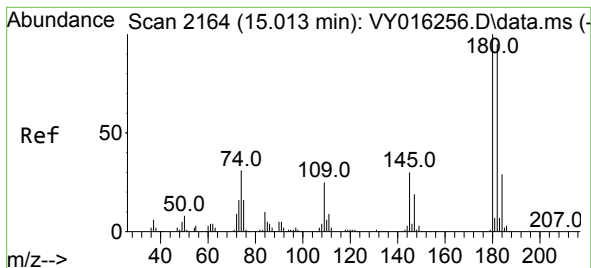
Tgt Ion:146 Resp: 158307
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.0
148 62.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.926 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion: 75 Resp: 9667
Ion Ratio Lower Upper
75 100
155 92.4 41.5 124.6
157 121.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 52.169 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

Instrument :

MSVOA_Y

ClientSampleId :

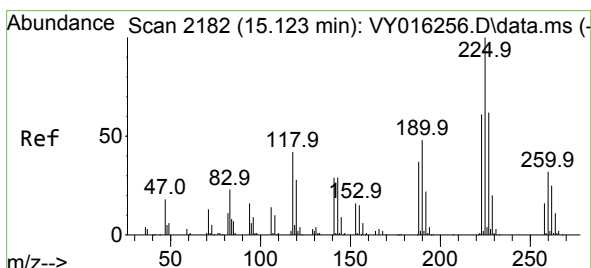
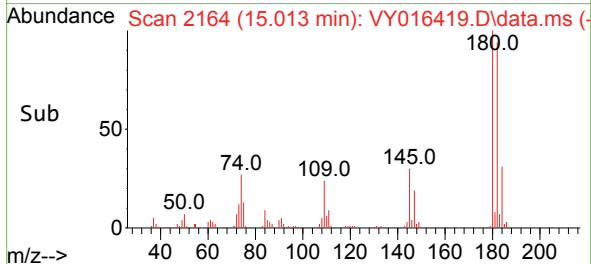
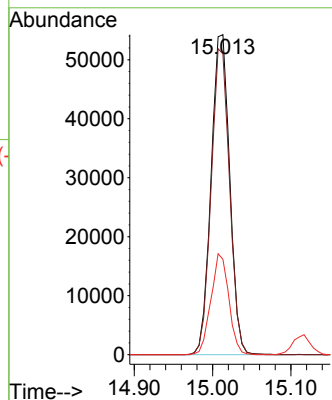
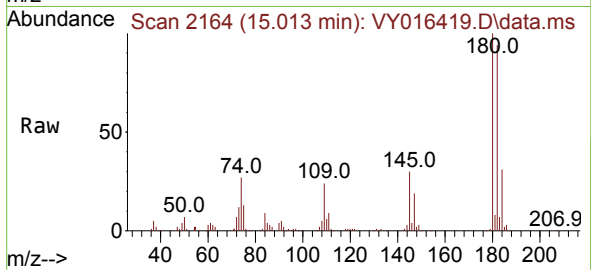
Tgt Ion:180 Resp: 89643

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

145 30.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 53.018 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016419.D

Acq: 17 Nov 2023 18:49

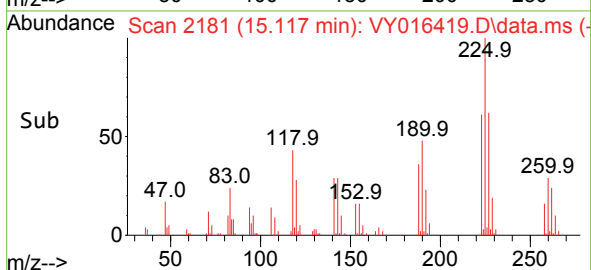
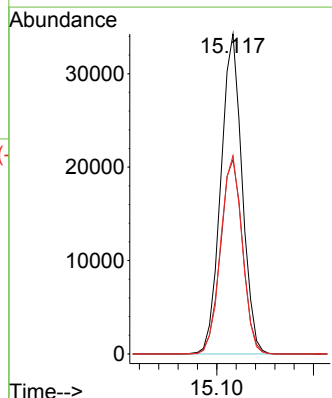
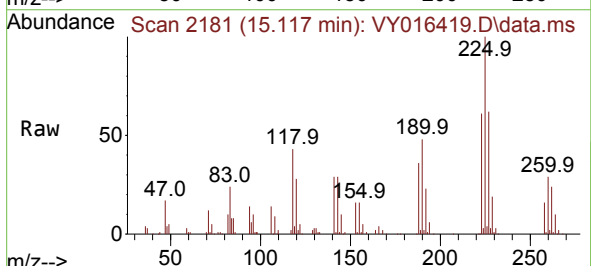
Tgt Ion:225 Resp: 52193

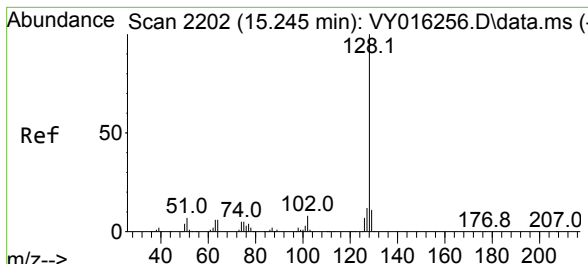
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.9

227 62.7 33.0 98.9

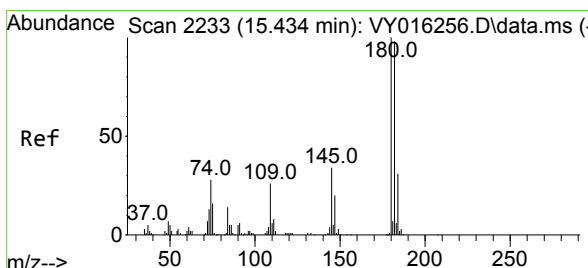
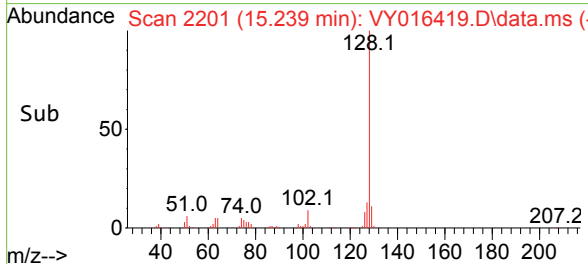
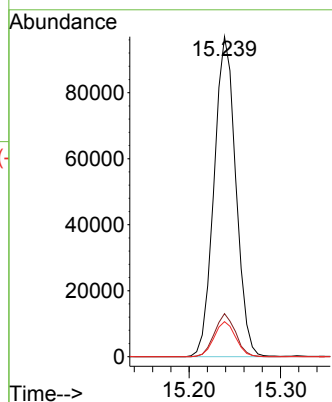
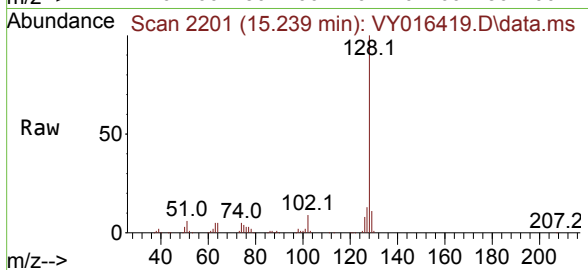




#95
Naphthalene
Concen: 52.318 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 160784
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.899 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY016419.D
Acq: 17 Nov 2023 18:49

Tgt Ion:180 Resp: 73761
Ion Ratio Lower Upper
180 100
182 94.3 47.3 141.8
145 32.5 15.4 46.2

