

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016271.D
 Acq On : 09 Nov 2023 10:41
 Operator : SY/MD
 Sample : VY1109SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 22:54:41 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	7.807	168	169747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	273475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	236992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	110090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	78877	50.842	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.680%	
35) Dibromofluoromethane	7.734	113	82549	53.137	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.280%	
50) Toluene-d8	10.197	98	330095	52.398	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.800%	
62) 4-Bromofluorobenzene	12.495	95	105661	51.641	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	35215	21.187	ug/l	100
3) Chloromethane	2.119	50	39532	20.308	ug/l	95
4) Vinyl Chloride	2.259	62	42228	20.174	ug/l	99
5) Bromomethane	2.662	94	27715	20.148	ug/l	98
6) Chloroethane	2.808	64	27060	20.260	ug/l	95
7) Trichlorofluoromethane	3.143	101	63136	20.732	ug/l	99
8) Diethyl Ether	3.540	74	18685	20.529	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.912	101	38197	20.825	ug/l	94
10) Methyl Iodide	4.113	142	38447	19.408	ug/l	97
11) Tert butyl alcohol	4.978	59	10939	90.042	ug/l #	83
12) 1,1-Dichloroethene	3.887	96	35420	20.649	ug/l	89
13) Acrolein	3.741	56	15082	102.923	ug/l	100
14) Allyl chloride	4.497	41	49679	20.409	ug/l #	92
15) Acrylonitrile	5.186	53	36115	99.986	ug/l	98
16) Acetone	3.960	43	29588	115.297	ug/l #	89
17) Carbon Disulfide	4.216	76	106313	20.541	ug/l	100
18) Methyl Acetate	4.497	43	27396	20.091	ug/l	93
19) Methyl tert-butyl Ether	5.241	73	83305	20.065	ug/l	98
20) Methylene Chloride	4.735	84	42432	21.416	ug/l	89
21) trans-1,2-Dichloroethene	5.241	96	40083	20.295	ug/l	95
22) Diisopropyl ether	6.137	45	107578	20.507	ug/l #	87
23) Vinyl Acetate	6.082	43	258268	101.603	ug/l #	94
24) 1,1-Dichloroethane	6.039	63	66295	20.484	ug/l	98
25) 2-Butanone	7.002	43	48519	107.942	ug/l	94
26) 2,2-Dichloropropane	6.996	77	60968	20.699	ug/l	97
27) cis-1,2-Dichloroethene	7.002	96	42701	20.062	ug/l	92
28) Bromochloromethane	7.350	49	24627	20.561	ug/l	88
29) Tetrahydrofuran	7.362	42	29107	97.971	ug/l	92
30) Chloroform	7.527	83	68997	20.482	ug/l	99
31) Cyclohexane	7.801	56	62005	20.300	ug/l	90
32) 1,1,1-Trichloroethane	7.716	97	63082	20.428	ug/l	96
36) 1,1-Dichloropropene	7.935	75	55691	20.645	ug/l	98
37) Ethyl Acetate	7.094	43	21809	20.009	ug/l #	94
38) Carbon Tetrachloride	7.917	117	58119	20.759	ug/l	96
39) Methylcyclohexane	9.197	83	68339	20.331	ug/l	91
40) Benzene	8.179	78	156410	20.638	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	10978	19.976	ug/l	# 89
42) 1,2-Dichloroethane	8.252	62	40625	20.688	ug/l	94
43) Isopropyl Acetate	8.289	43	42991	20.406	ug/l	92
44) Trichloroethene	8.953	130	44279	20.329	ug/l	98
45) 1,2-Dichloropropane	9.234	63	37766	20.749	ug/l	97
46) Dibromomethane	9.319	93	20084	20.362	ug/l	97
47) Bromodichloromethane	9.514	83	51667	20.376	ug/l	99
48) Methyl methacrylate	9.307	41	22943	19.704	ug/l	86
49) 1,4-Dioxane	9.319	88	3930	375.312	ug/l	# 48
51) 4-Methyl-2-Pentanone	10.081	43	107620	101.016	ug/l	92
52) Toluene	10.258	92	99066	20.679	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	49324	20.065	ug/l	93
54) cis-1,3-Dichloropropene	9.941	75	59783	20.362	ug/l	# 90
55) 1,1,2-Trichloroethane	10.660	97	28141	20.700	ug/l	96
56) Ethyl methacrylate	10.526	69	26419	20.587	ug/l	# 83
57) 1,3-Dichloropropane	10.801	76	47729	20.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	87860	100.970	ug/l	93
59) 2-Hexanone	10.843	43	85053	107.329	ug/l	90
60) Dibromochloromethane	11.002	129	35045	20.612	ug/l	99
61) 1,2-Dibromoethane	11.105	107	26348	20.343	ug/l	100
64) Tetrachloroethene	10.733	164	43215	20.308	ug/l	97
65) Chlorobenzene	11.532	112	103614	20.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	37718	20.197	ug/l	97
67) Ethyl Benzene	11.605	91	185993	20.439	ug/l	99
68) m/p-Xylenes	11.715	106	142069	41.162	ug/l	95
69) o-Xylene	12.044	106	65585	20.466	ug/l	97
70) Styrene	12.056	104	94056	20.498	ug/l	98
71) Bromoform	12.221	173	20117	20.760	ug/l	# 97
73) Isopropylbenzene	12.343	105	181820	20.395	ug/l	99
74) N-amyl acetate	12.154	43	35561	19.859	ug/l	# 89
75) 1,1,2,2-Tetrachloroethane	12.593	83	27860	19.476	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	38670	36.617	ug/l	# 100
77) Bromobenzene	12.623	156	40257	19.980	ug/l	95
78) n-propylbenzene	12.684	91	216709	20.569	ug/l	100
79) 2-Chlorotoluene	12.770	91	117078	20.165	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	145671	20.267	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	9952	20.455	ug/l	88
82) 4-Chlorotoluene	12.867	91	123542	20.592	ug/l	99
83) tert-Butylbenzene	13.087	119	127099	20.076	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	143915	20.335	ug/l	99
85) sec-Butylbenzene	13.264	105	184211	20.367	ug/l	99
86) p-Isopropyltoluene	13.379	119	159956	20.539	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	78245	20.185	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	76829	20.280	ug/l	98
89) n-Butylbenzene	13.709	91	147863	20.558	ug/l	97
90) Hexachloroethane	13.971	117	29814	19.845	ug/l	91
91) 1,2-Dichlorobenzene	13.751	146	66823	20.117	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4137	18.177	ug/l	86
93) 1,2,4-Trichlorobenzene	15.019	180	38409	19.810	ug/l	97
94) Hexachlorobutadiene	15.123	225	22774	20.503	ug/l	99
95) Naphthalene	15.251	128	68508	19.756	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	32225	20.095	ug/l	99

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QLast Update : Thu Nov 09 00:45:52 2023
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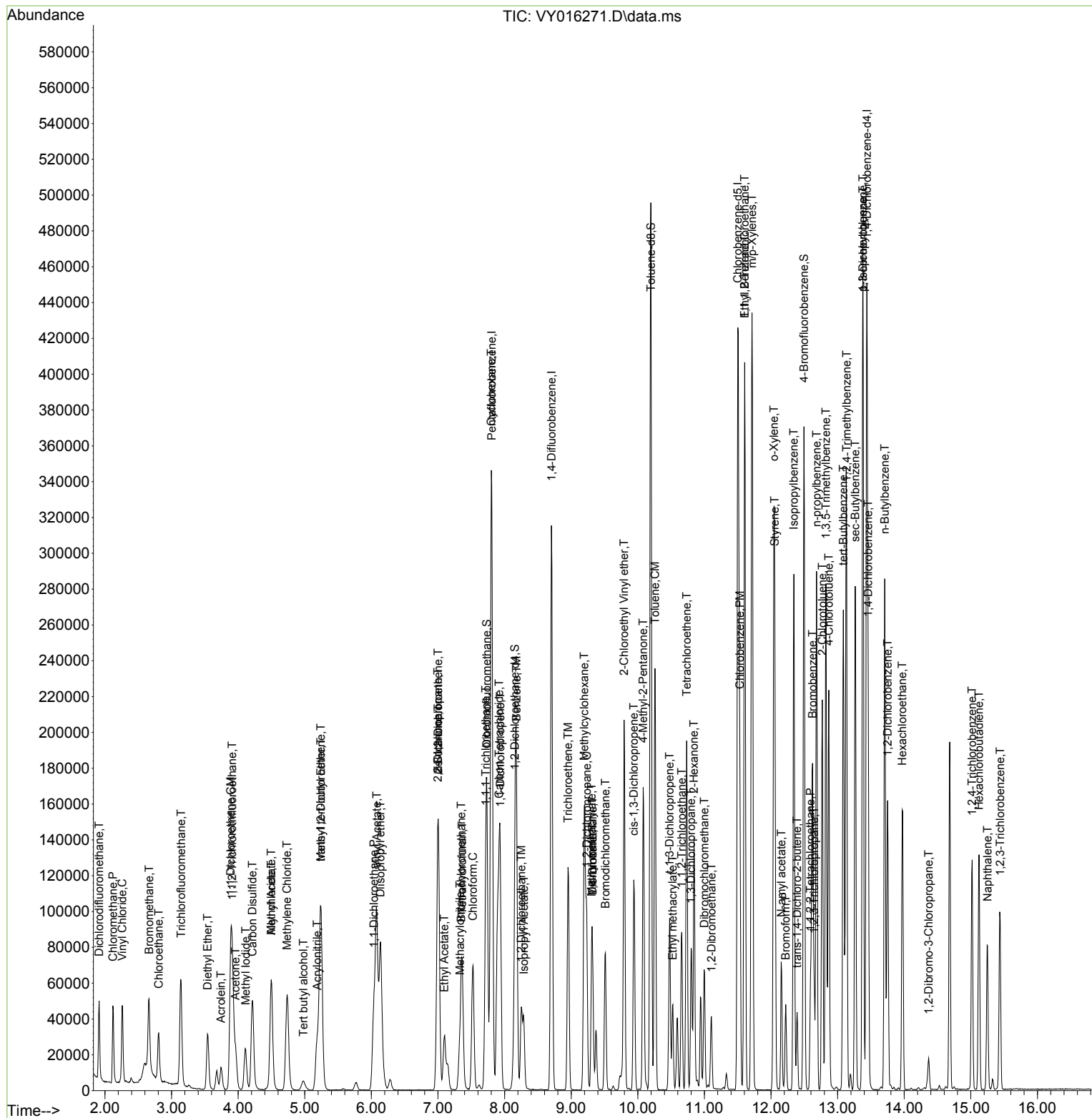
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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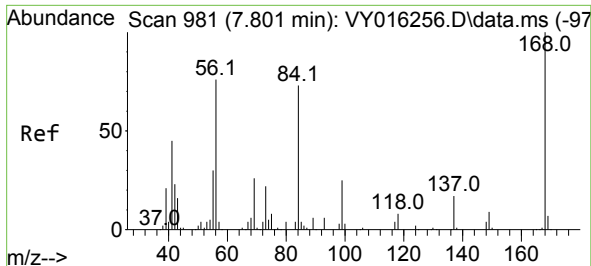
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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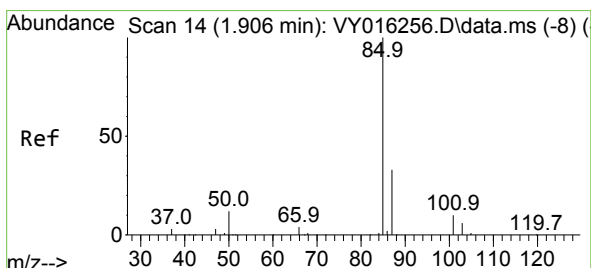
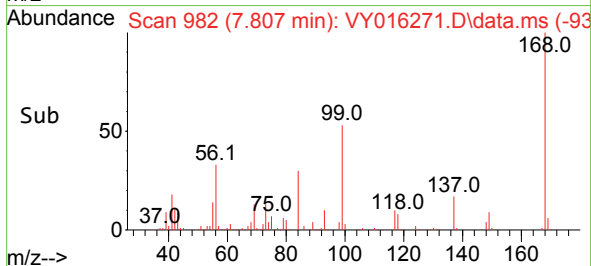
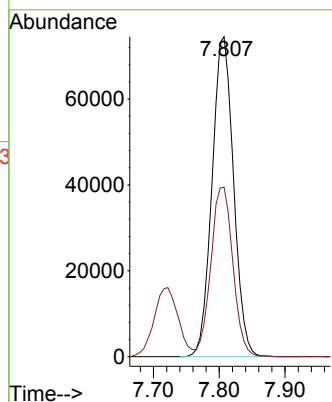
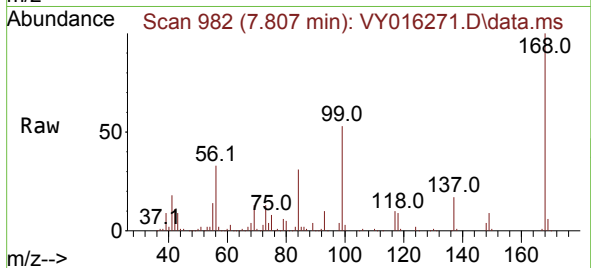




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
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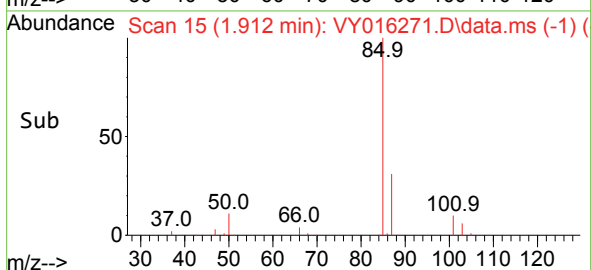
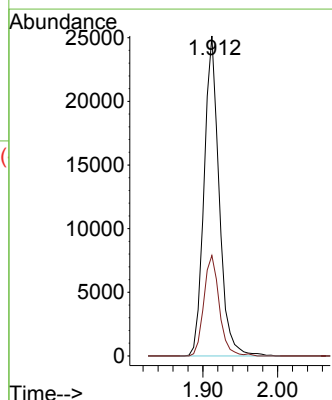
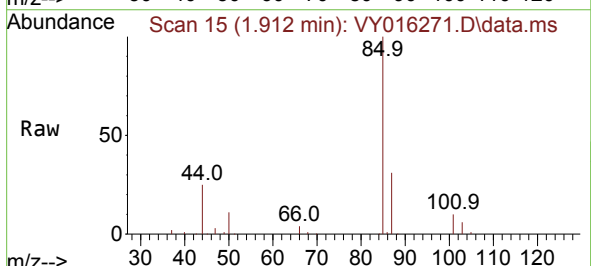
Instrument :
MSVOA_Y
ClientSampleId :

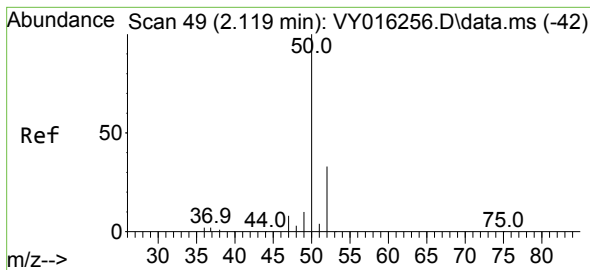
Tgt Ion:168 Resp: 169747
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.187 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 85 Resp: 35215
Ion Ratio Lower Upper
85 100
87 31.4 15.6 46.8





#3

Chloromethane

Concen: 20.308 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

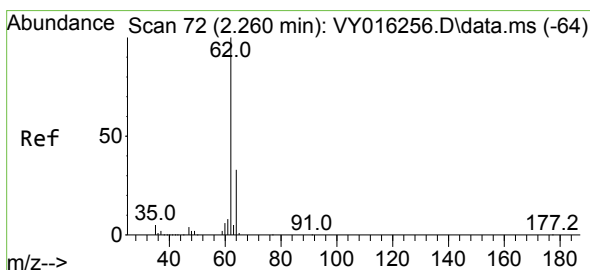
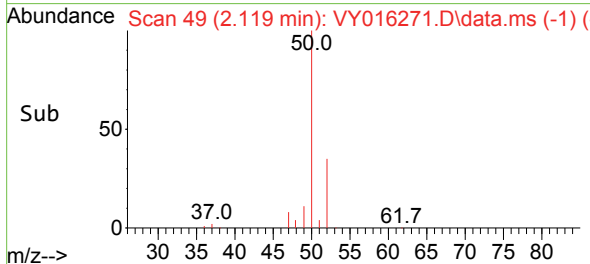
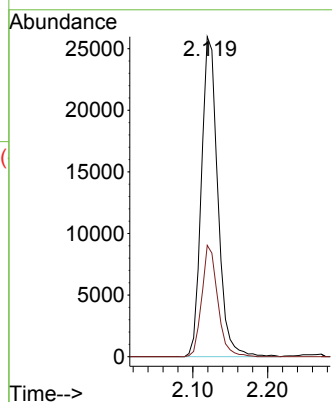
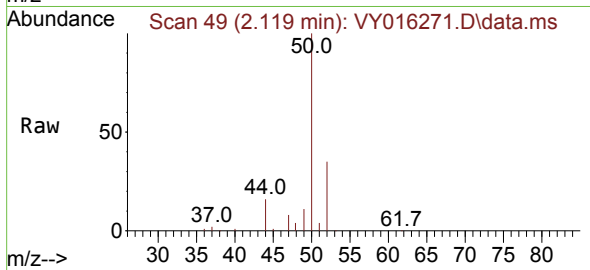
ClientSampleId :

Tgt Ion: 50 Resp: 39532

Ion Ratio Lower Upper

50 100

52 34.8 25.4 38.2



#4

Vinyl Chloride

Concen: 20.174 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016271.D

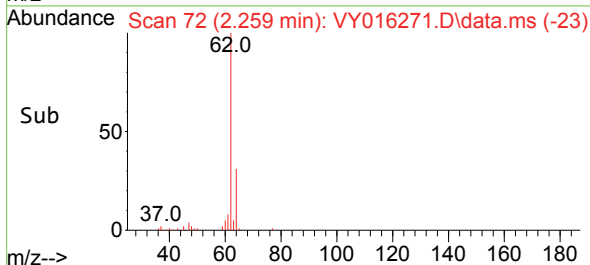
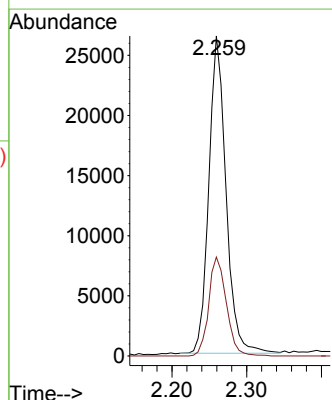
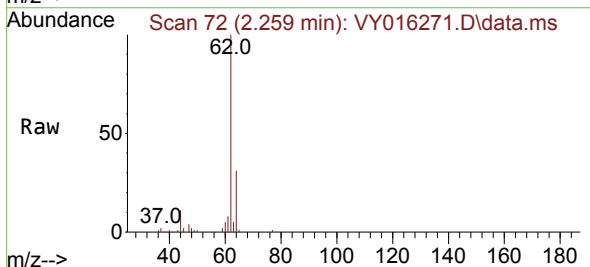
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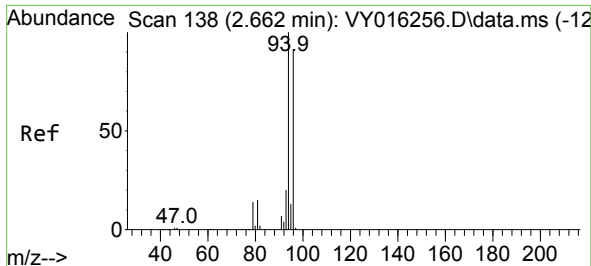
Tgt Ion: 62 Resp: 42228

Ion Ratio Lower Upper

62 100

64 31.1 24.3 36.5

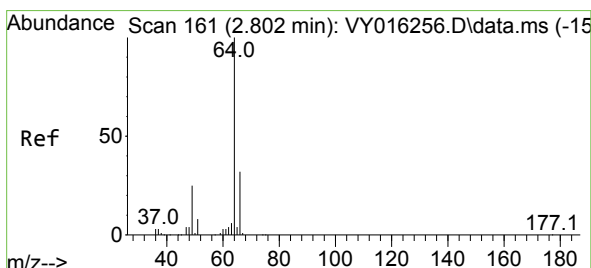
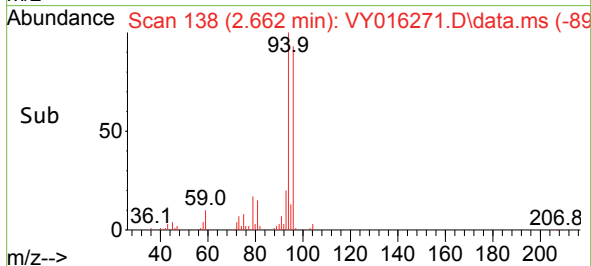
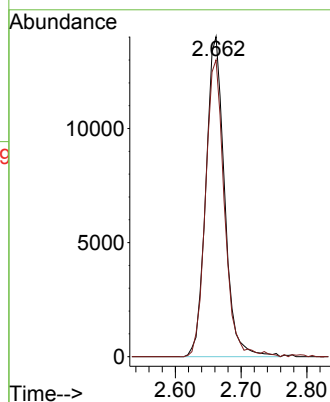
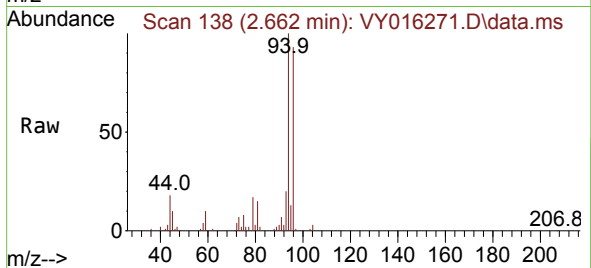




#5
Bromomethane
Concen: 20.148 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016271.D
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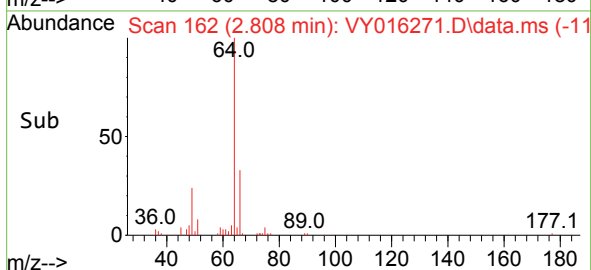
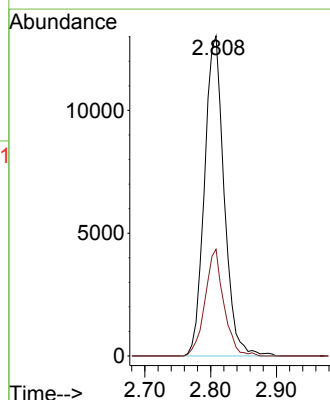
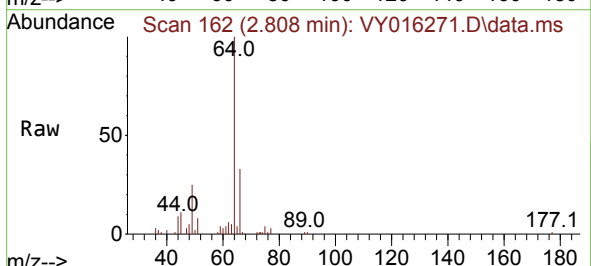
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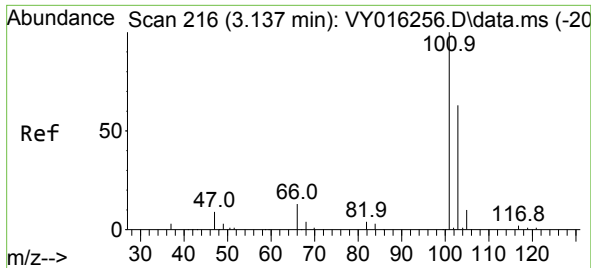
Tgt Ion: 94 Resp: 27715
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.6



#6
Chloroethane
Concen: 20.260 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 64 Resp: 27060
Ion Ratio Lower Upper
64 100
66 33.3 24.4 36.6

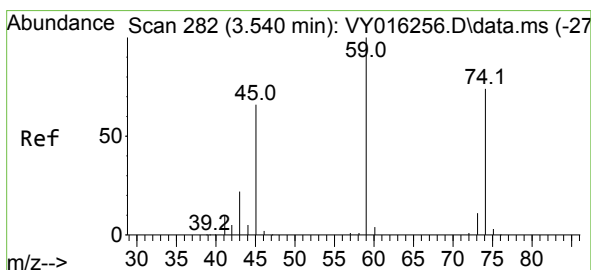
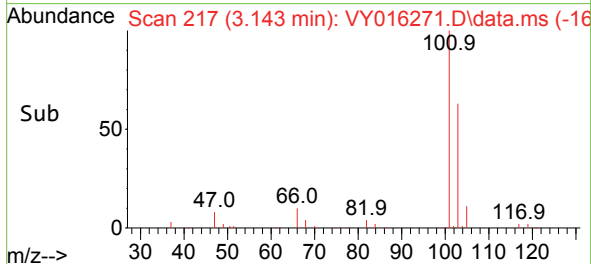
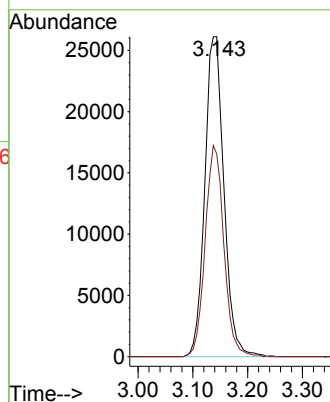
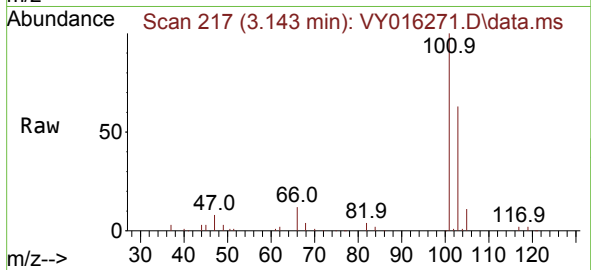




#7
 Trichlorofluoromethane
 Concen: 20.732 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016271.D
 Acq: 09 Nov 2023 10:41

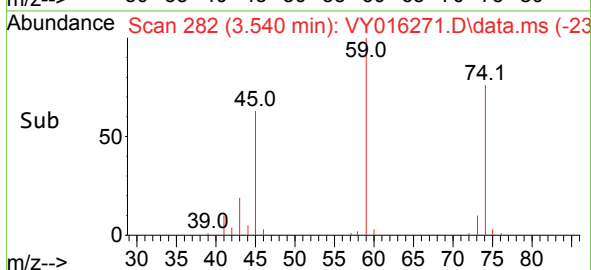
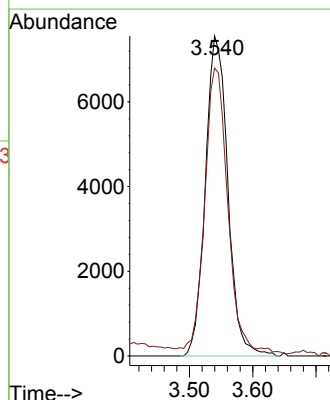
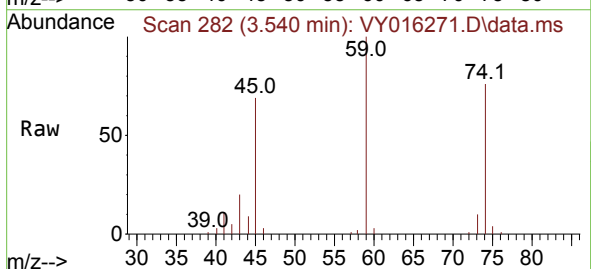
Instrument :
 MSVOA_Y
 ClientSampleId :

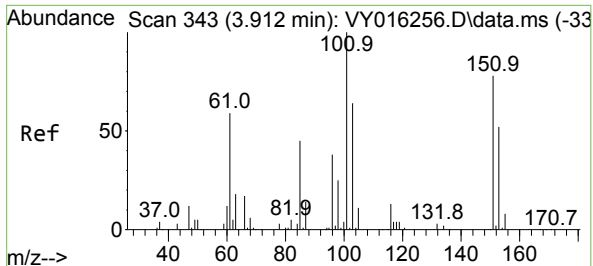
Tgt Ion:101 Resp: 63136
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.529 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016271.D
 Acq: 09 Nov 2023 10:41

Tgt Ion: 74 Resp: 18685
 Ion Ratio Lower Upper
 74 100
 45 93.0 51.5 154.5

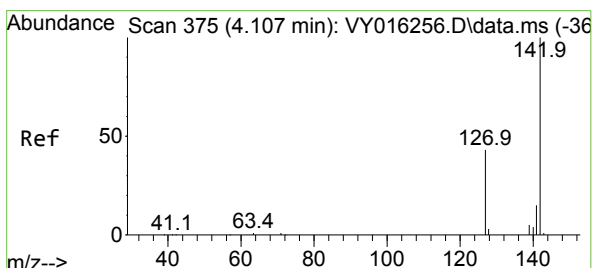
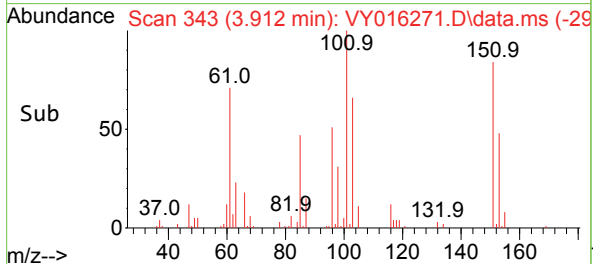
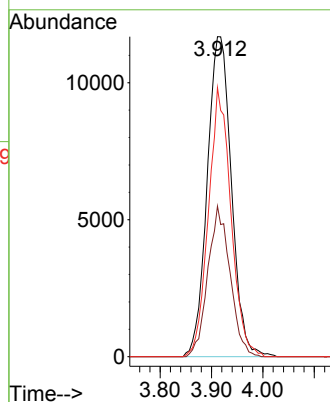
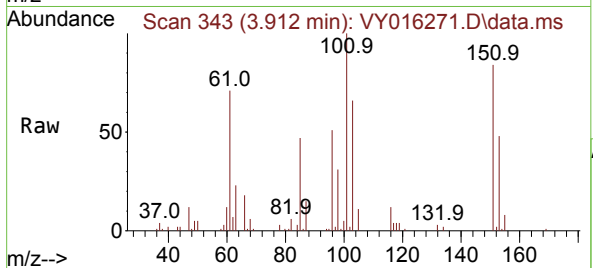




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.825 ug/l
RT: 3.912 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

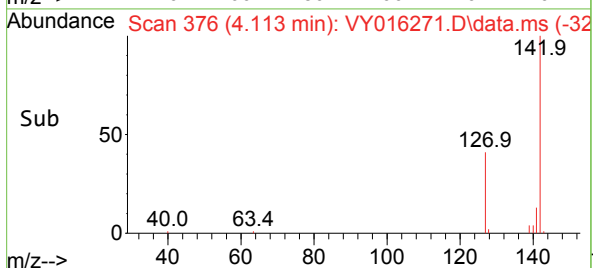
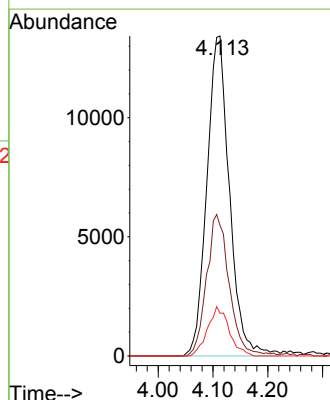
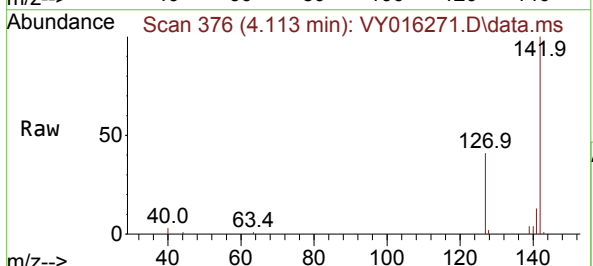
Instrument :
MSVOA_Y
ClientSampleId :

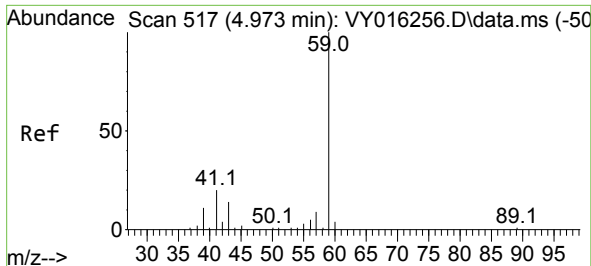
Tgt Ion:101 Resp: 38197
Ion Ratio Lower Upper
101 100
85 43.1 36.6 55.0
151 78.1 67.0 100.6



#10
Methyl Iodide
Concen: 19.408 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion:142 Resp: 38447
Ion Ratio Lower Upper
142 100
127 44.2 37.6 56.4
141 14.6 11.8 17.8

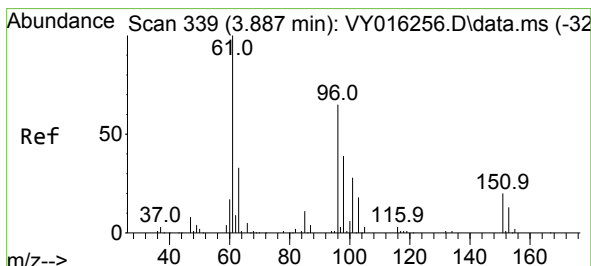
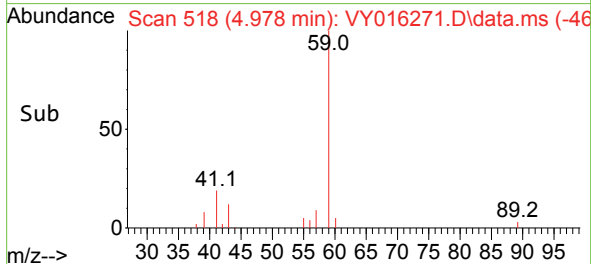
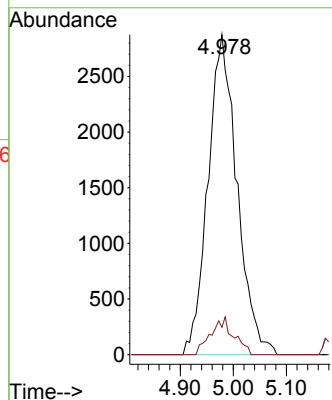
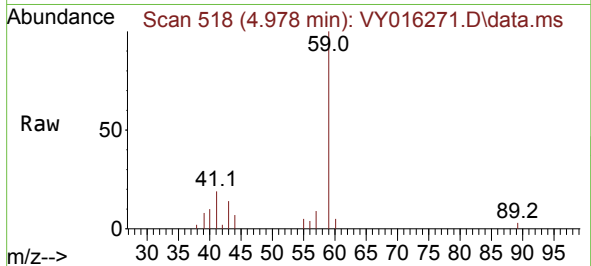




#11
Tert butyl alcohol
Concen: 90.042 ug/l
RT: 4.978 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

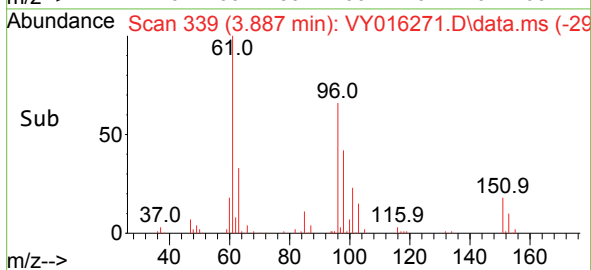
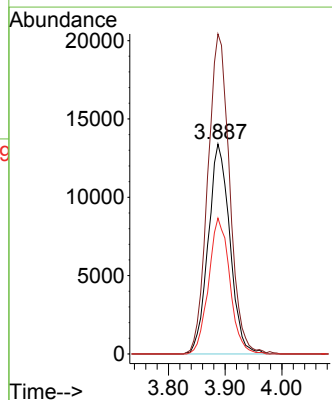
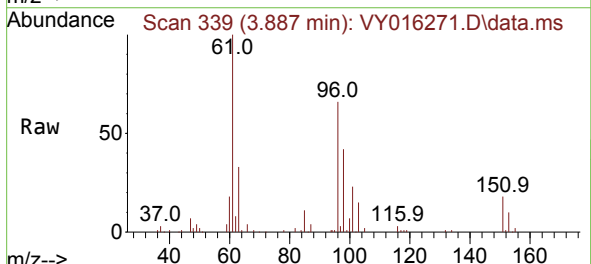
Instrument :
MSVOA_Y
ClientSampleId :

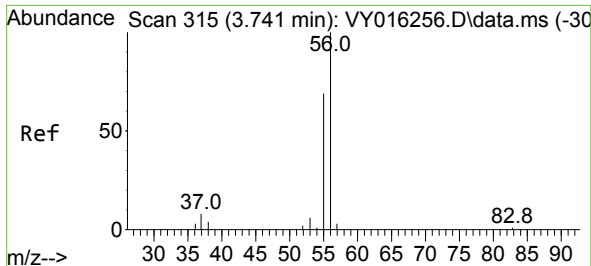
Tgt Ion: 59 Resp: 10939
Ion Ratio Lower Upper
59 100
57 9.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.649 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 96 Resp: 35420
Ion Ratio Lower Upper
96 100
61 152.4 136.4 204.6
98 64.7 49.4 74.2

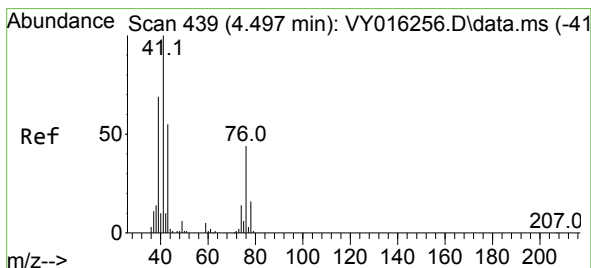
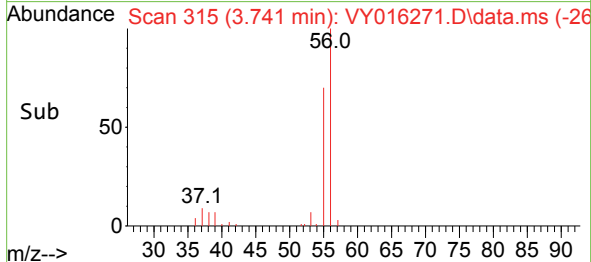
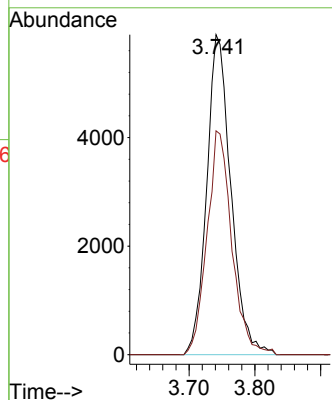
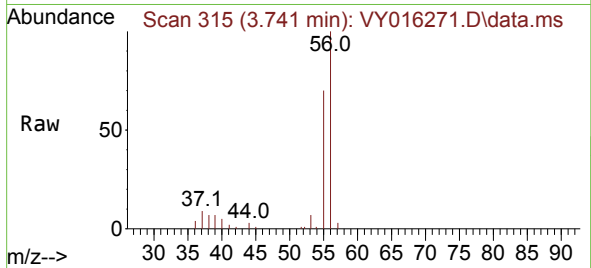




#13
Acrolein
Concen: 102.923 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

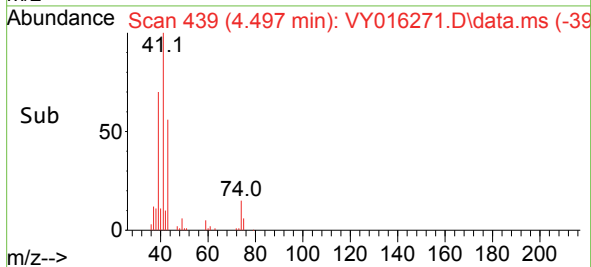
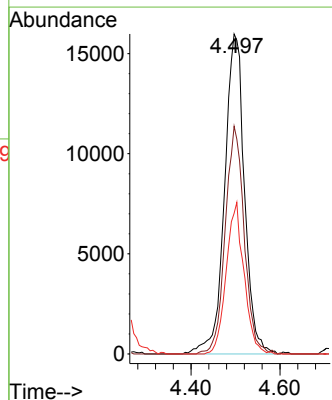
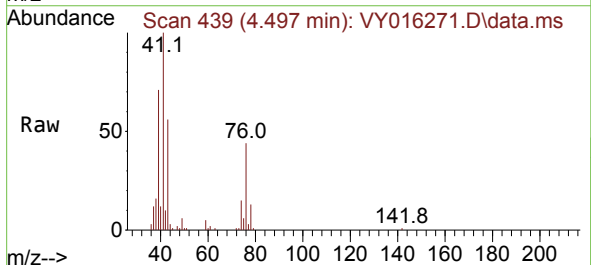
Instrument :
MSVOA_Y
ClientSampleId :

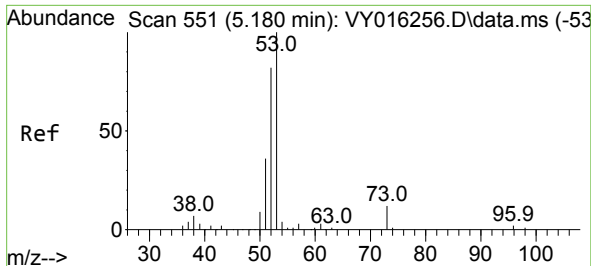
Tgt Ion: 56 Resp: 15082
Ion Ratio Lower Upper
56 100
55 71.5 57.0 85.4



#14
Allyl chloride
Concen: 20.409 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

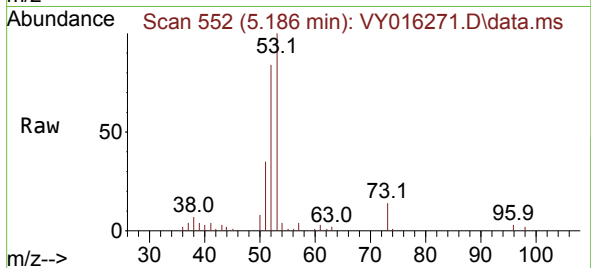
Tgt Ion: 41 Resp: 49679
Ion Ratio Lower Upper
41 100
39 67.9 58.0 87.0
76 42.4 27.4 41.2#



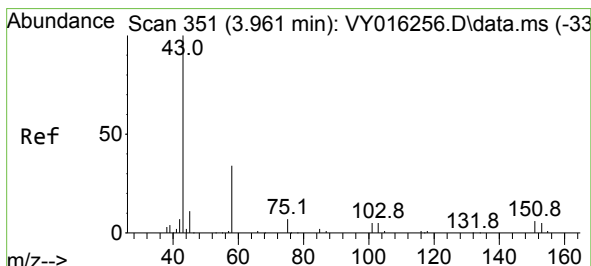
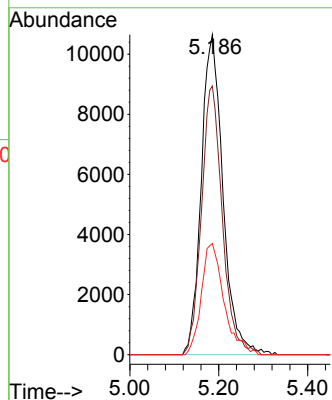
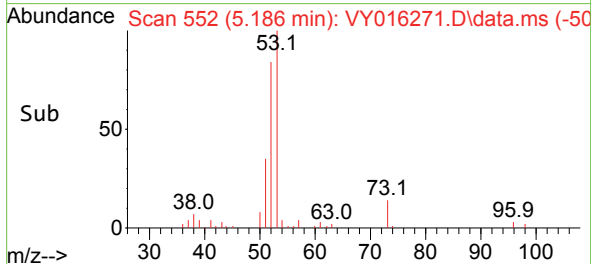


#15
Acrylonitrile
Concen: 99.986 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Instrument :
MSVOA_Y
ClientSampleId :

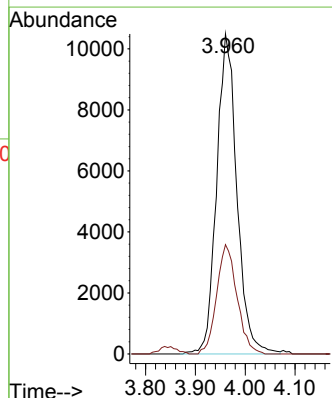
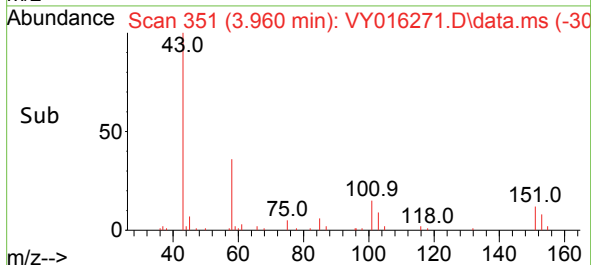
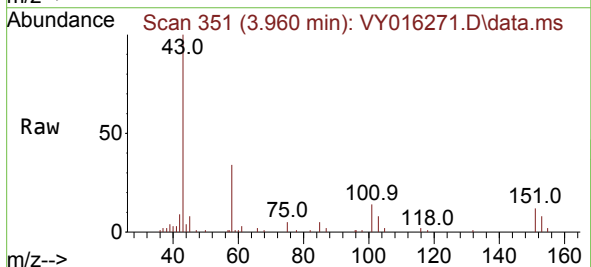


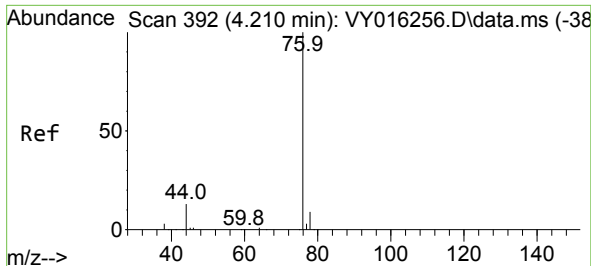
Tgt Ion: 53 Resp: 36115
Ion Ratio Lower Upper
53 100
52 80.9 66.9 100.3
51 36.4 29.8 44.6



#16
Acetone
Concen: 115.297 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 43 Resp: 29588
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1#





#17

Carbon Disulfide

Concen: 20.541 ug/l

RT: 4.216 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

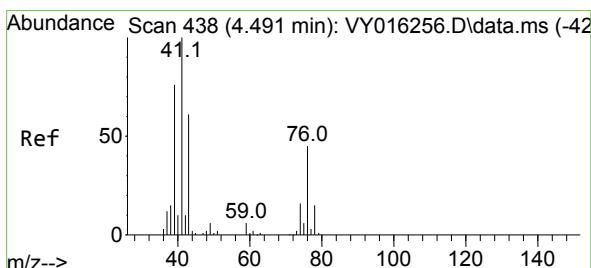
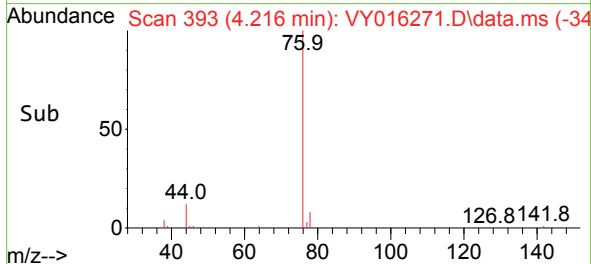
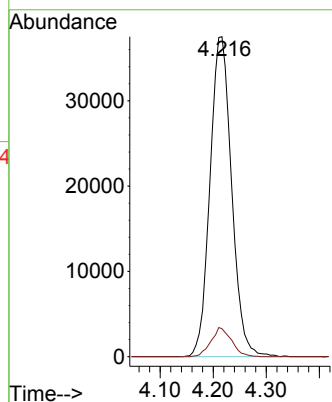
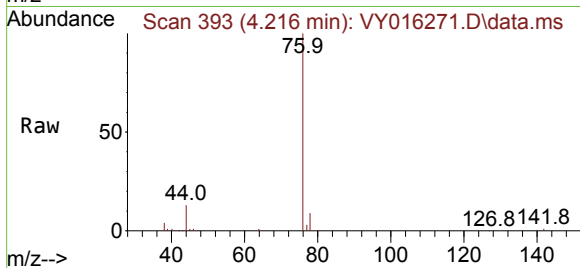
ClientSampleId :

Tgt Ion: 76 Resp: 106313

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4



#18

Methyl Acetate

Concen: 20.091 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY016271.D

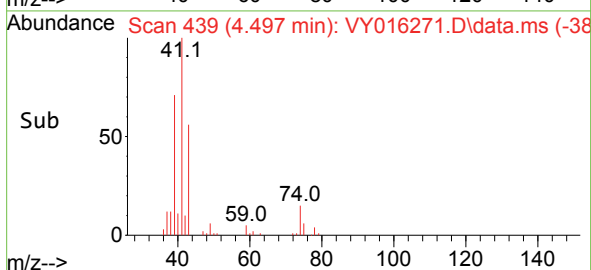
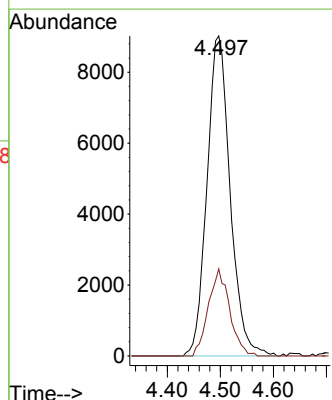
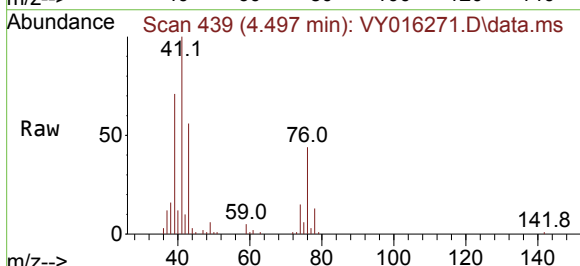
Acq: 09 Nov 2023 10:41

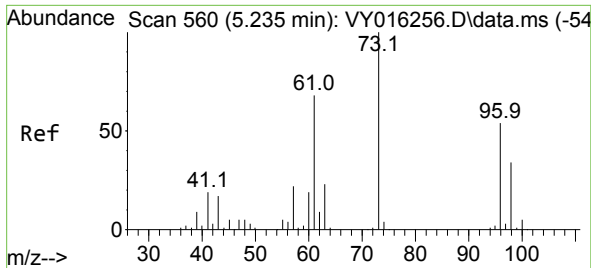
Tgt Ion: 43 Resp: 27396

Ion Ratio Lower Upper

43 100

74 25.0 17.4 26.0

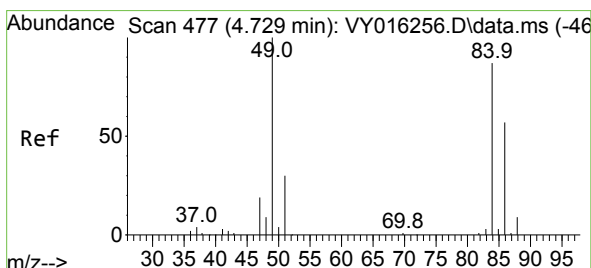
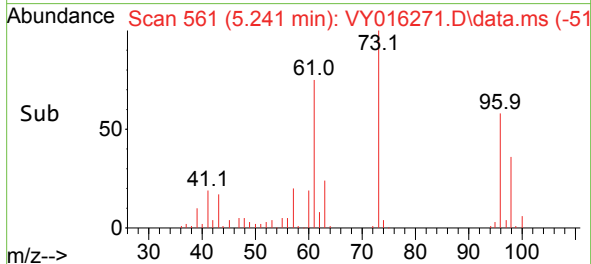
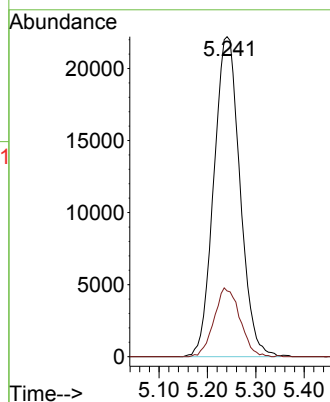
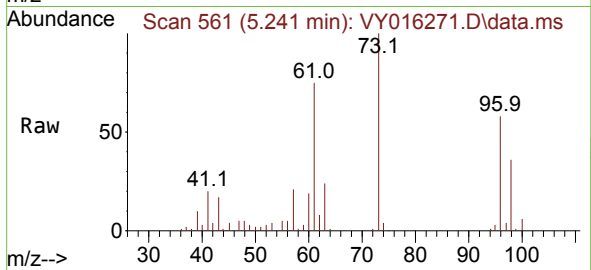




#19
Methyl tert-butyl Ether
Concen: 20.065 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

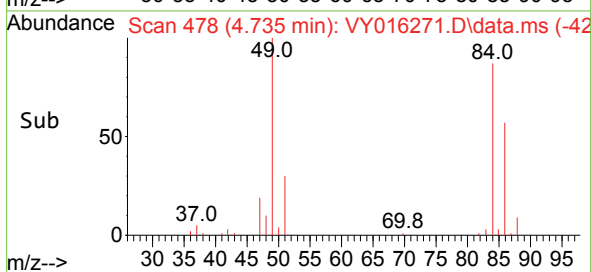
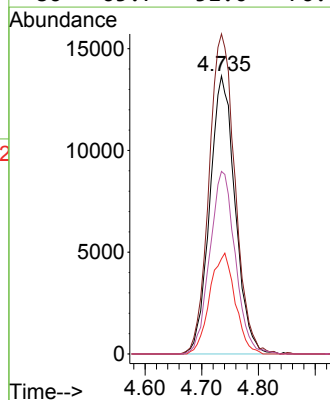
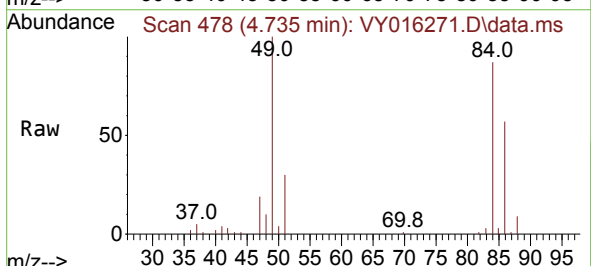
Instrument :
MSVOA_Y
ClientSampleId :

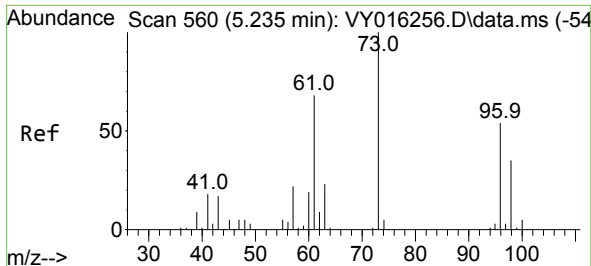
Tgt Ion: 73 Resp: 83305
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 21.416 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 84 Resp: 42432
Ion Ratio Lower Upper
84 100
49 115.1 106.9 160.3
51 34.3 33.2 49.8
86 65.7 51.0 76.6

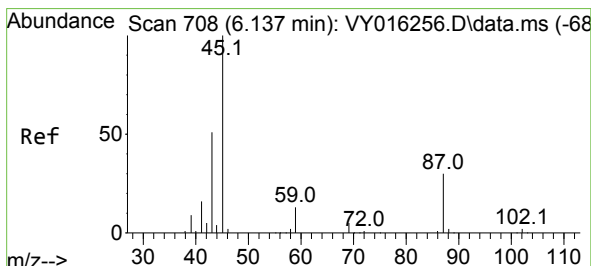
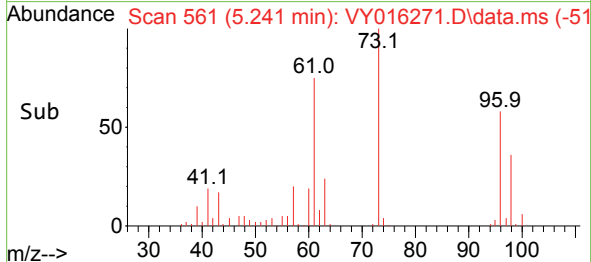
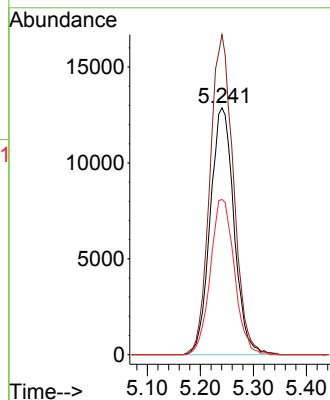
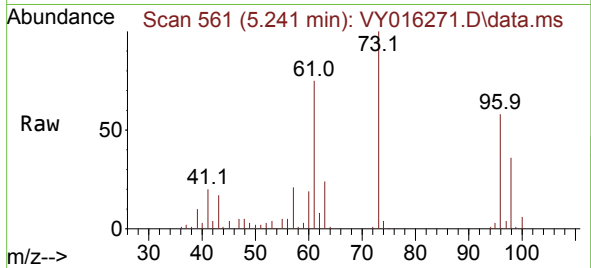




#21
trans-1,2-Dichloroethene
Concen: 20.295 ug/l
RT: 5.241 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

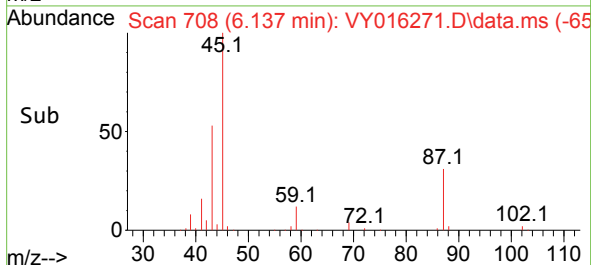
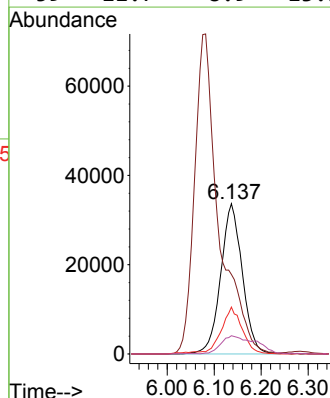
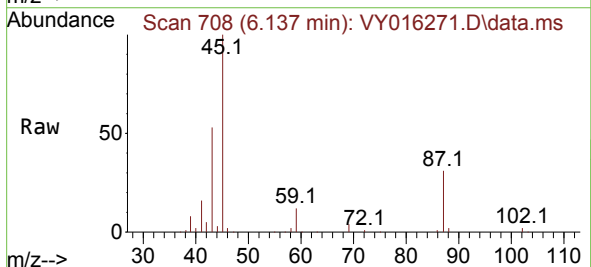
Instrument :
MSVOA_Y
ClientSampleId :

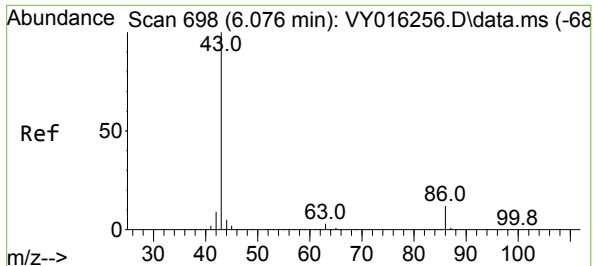
Tgt Ion: 96 Resp: 40083
Ion Ratio Lower Upper
96 100
61 129.6 110.2 165.4
98 62.9 51.8 77.6



#22
Diisopropyl ether
Concen: 20.507 ug/l
RT: 6.137 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 45 Resp: 107578
Ion Ratio Lower Upper
45 100
43 52.2 52.2 78.4#
87 31.2 21.0 31.6
59 11.7 8.9 13.3

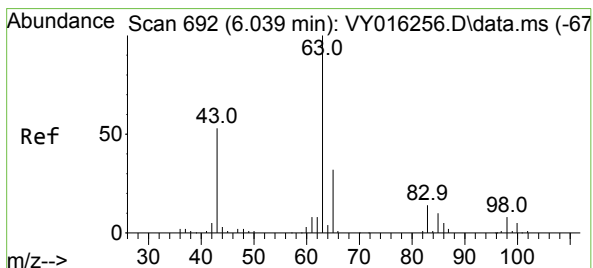
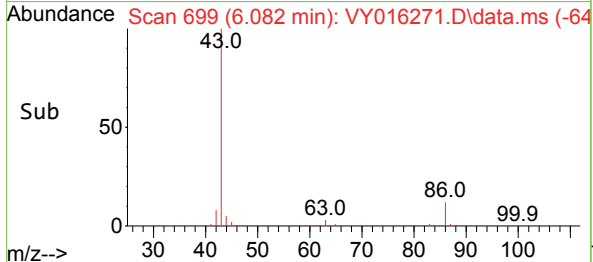
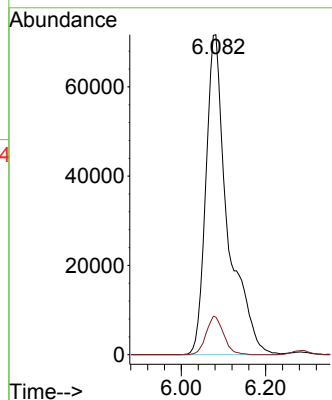
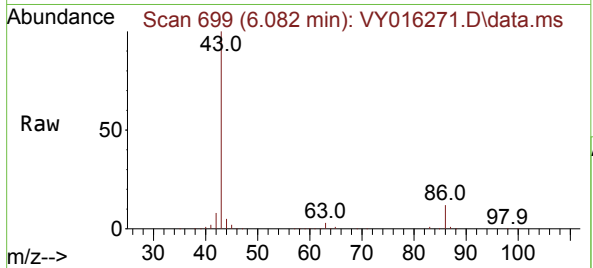




#23
 Vinyl Acetate
 Concen: 101.603 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016271.D
 Acq: 09 Nov 2023 10:41

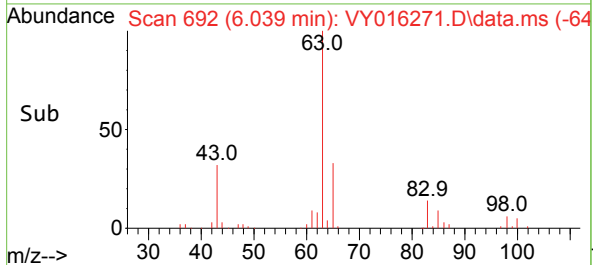
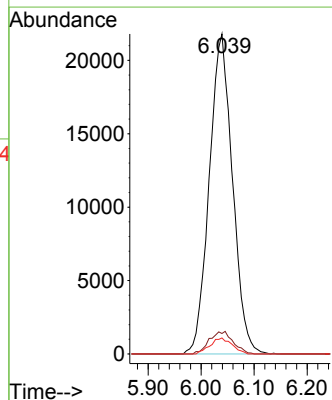
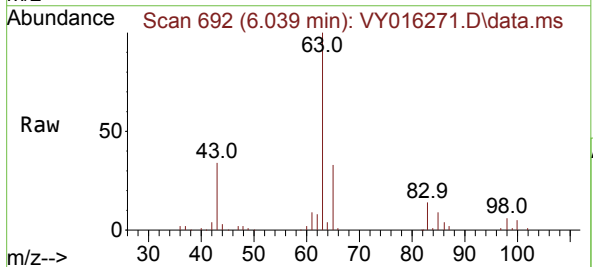
Instrument :
 MSVOA_Y
 ClientSampleId :

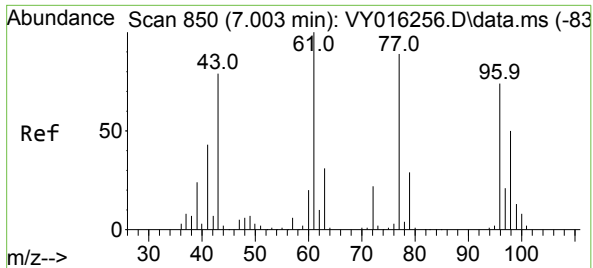
Tgt Ion: 43 Resp: 258268
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.484 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: VY016271.D
 Acq: 09 Nov 2023 10:41

Tgt Ion: 63 Resp: 66295
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.4
 100 5.0 1.8 5.5

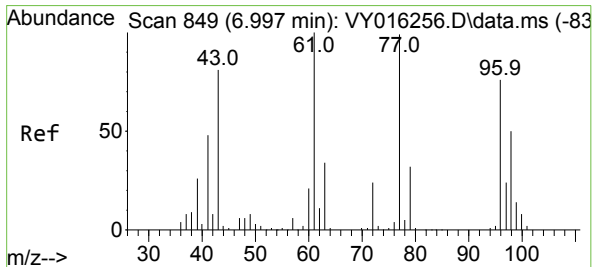
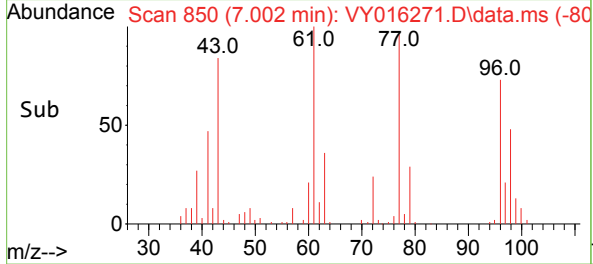
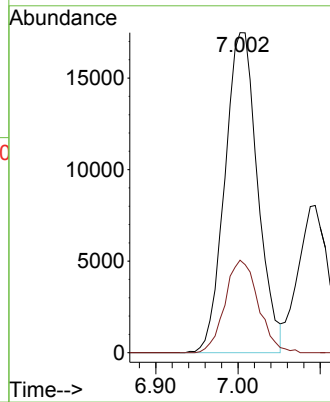
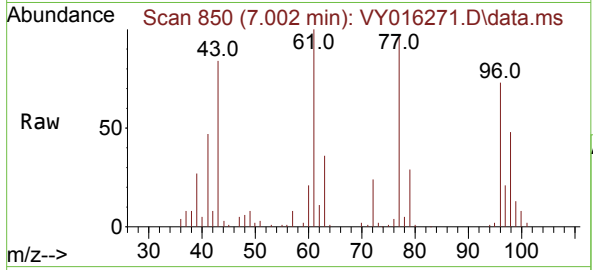




#25
2-Butanone
Concen: 107.942 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

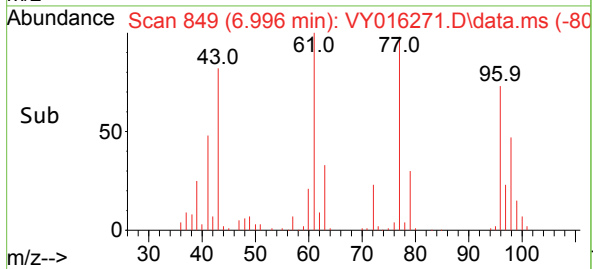
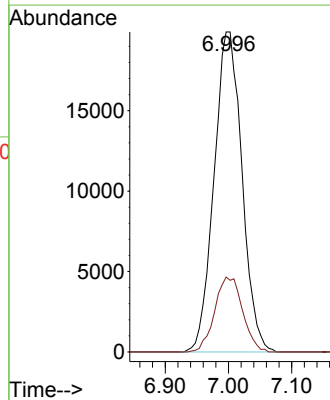
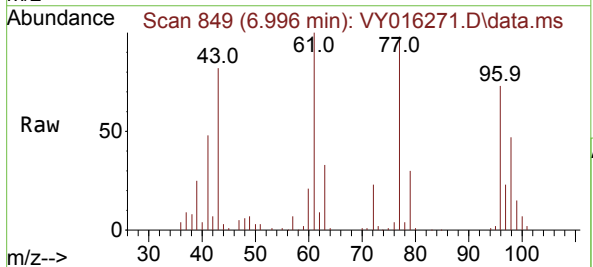
Instrument :
MSVOA_Y
ClientSampleId :

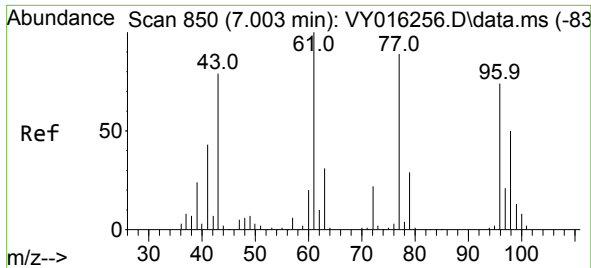
Tgt Ion: 43 Resp: 48519
Ion Ratio Lower Upper
43 100
72 28.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.699 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

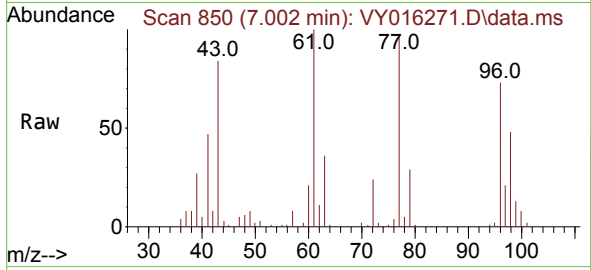
Tgt Ion: 77 Resp: 60968
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.9





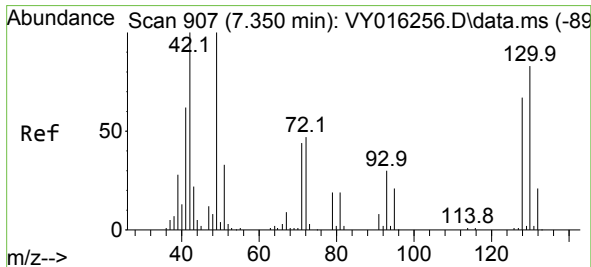
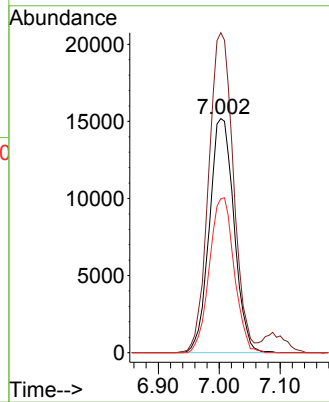
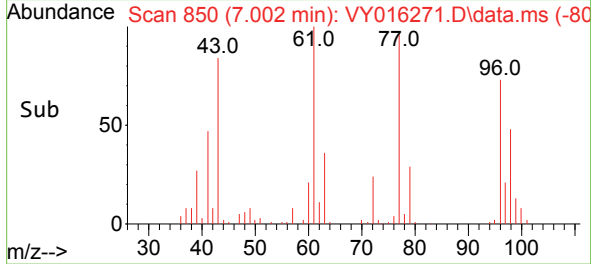
#27
 cis-1,2-Dichloroethene
 Concen: 20.062 ug/l
 RT: 7.002 min Scan# 850
 Delta R.T. -0.000 min
 Lab File: VY016271.D
 Acq: 09 Nov 2023 10:41

Instrument :
 MSVOA_Y
 ClientSampleId :

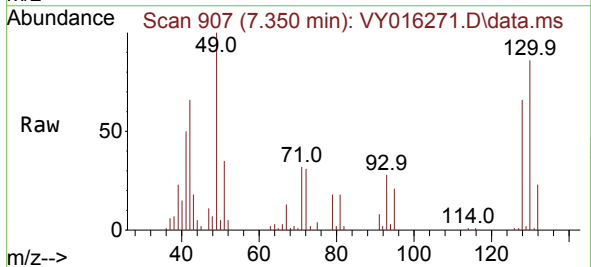


Tgt Ion: 96 Resp: 42701

Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	301.4
98	66.2	0.0	130.4

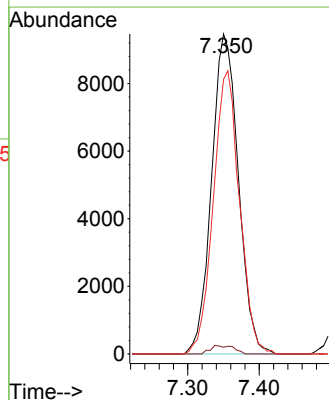
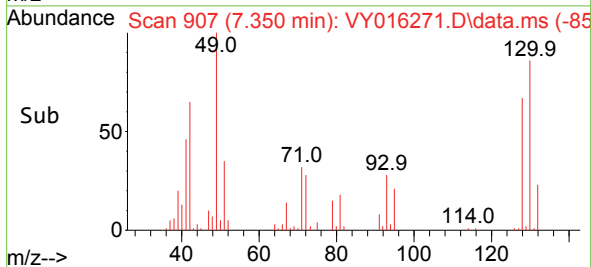


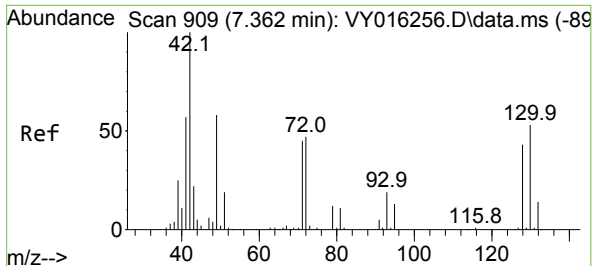
#28
 Bromochloromethane
 Concen: 20.561 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY016271.D
 Acq: 09 Nov 2023 10:41



Tgt Ion: 49 Resp: 24627

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	86.5	60.7	91.1





#29

Tetrahydrofuran

Concen: 97.971 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

ClientSampleId :

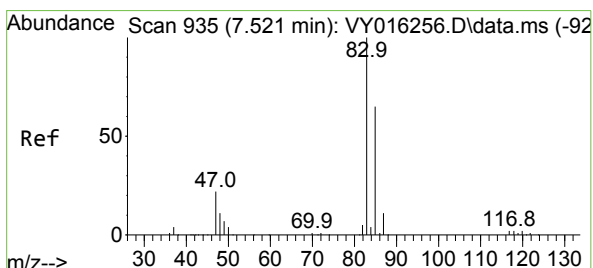
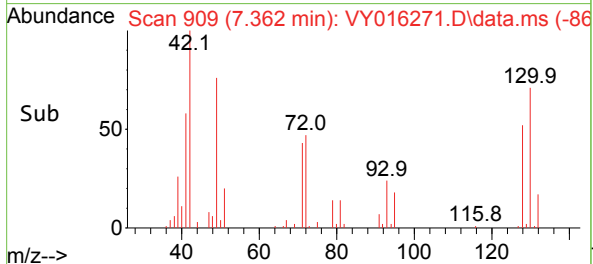
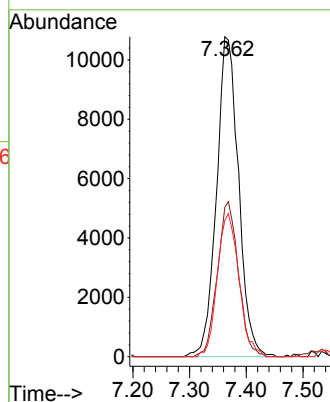
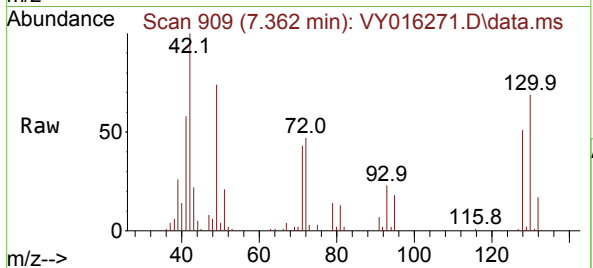
Tgt Ion: 42 Resp: 29107

Ion Ratio Lower Upper

42 100

72 46.2 32.8 49.2

71 43.9 31.0 46.4



#30

Chloroform

Concen: 20.482 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016271.D

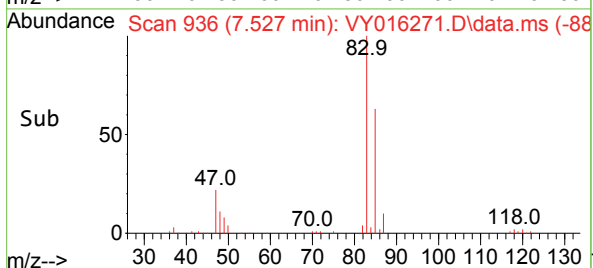
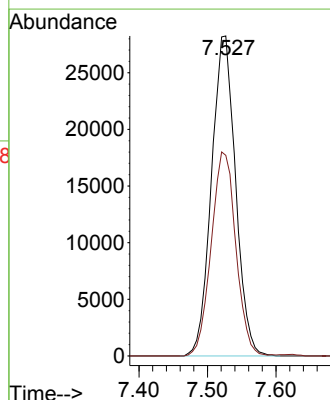
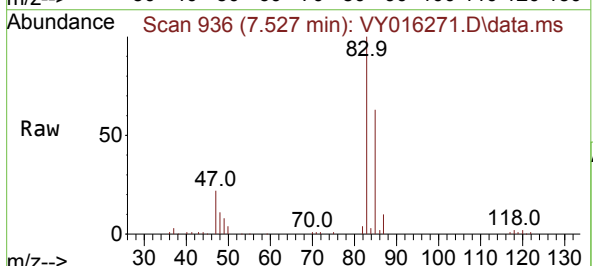
Acq: 09 Nov 2023 10:41

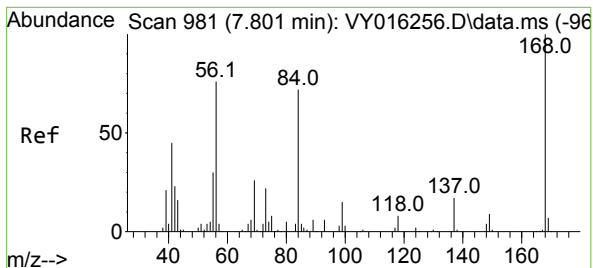
Tgt Ion: 83 Resp: 68997

Ion Ratio Lower Upper

83 100

85 62.7 49.7 74.5





#31

Cyclohexane

Concen: 20.300 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.000 min

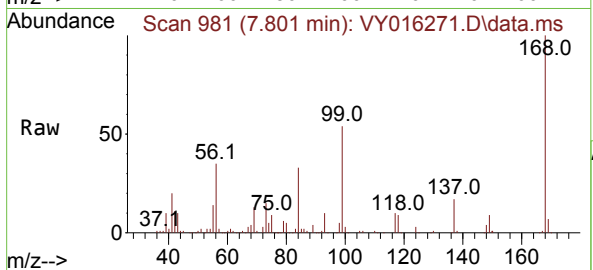
Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

ClientSampleId :



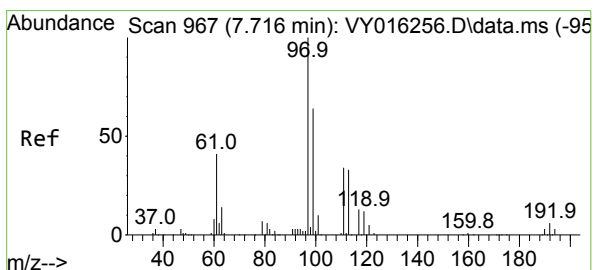
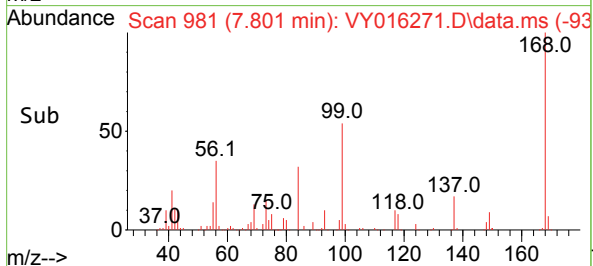
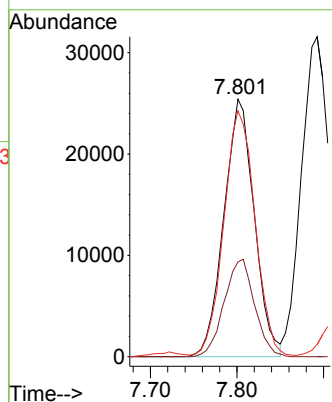
Tgt Ion: 56 Resp: 62005

Ion Ratio Lower Upper

56 100

69 36.8 27.8 41.6

84 94.5 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 20.428 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

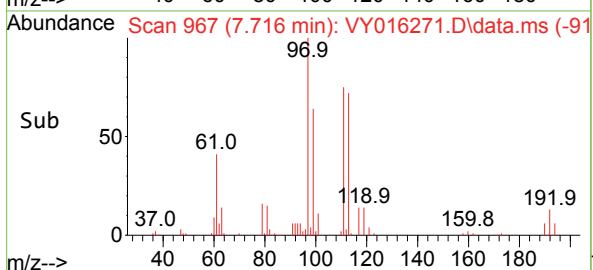
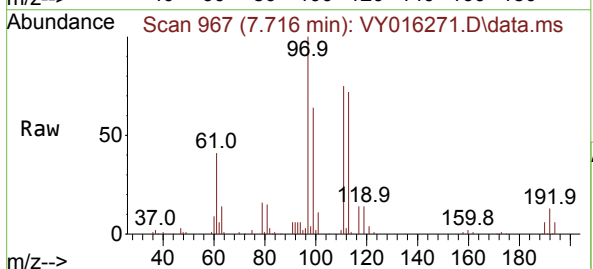
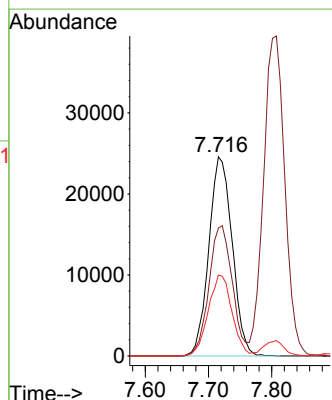
Tgt Ion: 97 Resp: 63082

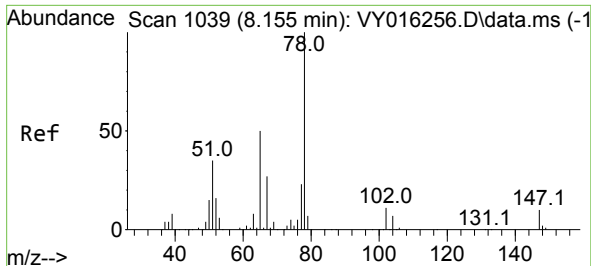
Ion Ratio Lower Upper

97 100

99 66.1 50.8 76.2

61 41.2 35.1 52.7

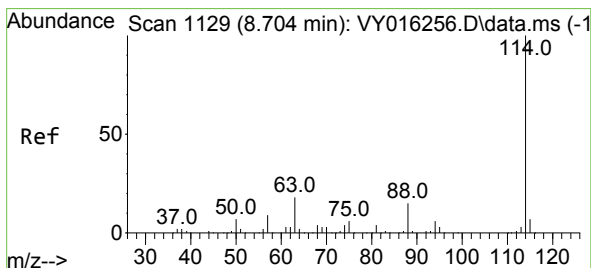
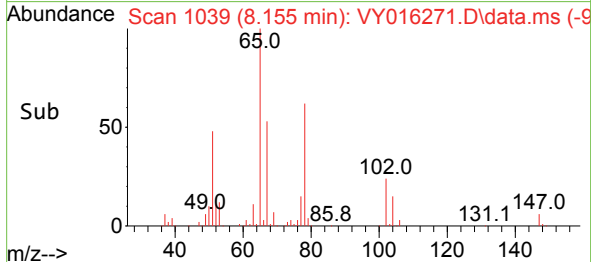
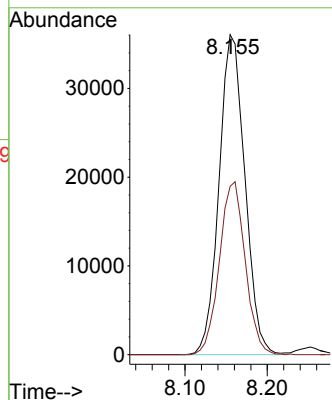
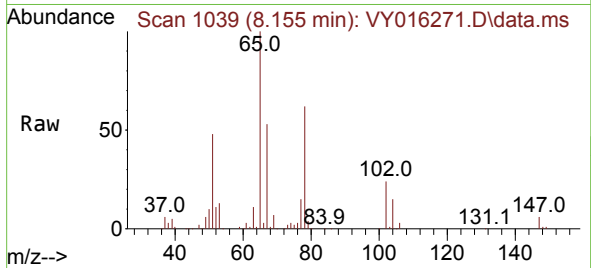




#33
 1,2-Dichloroethane-d4
 Concen: 50.842 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016271.D
 Acq: 09 Nov 2023 10:41

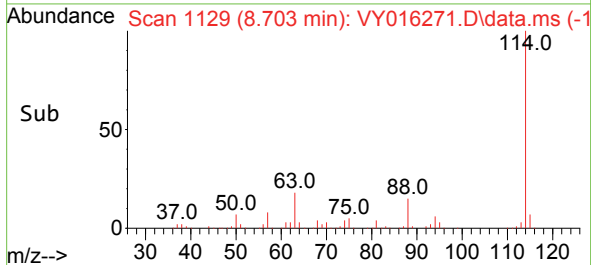
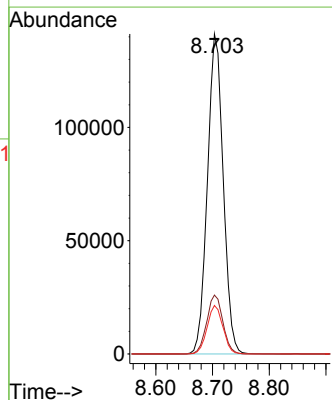
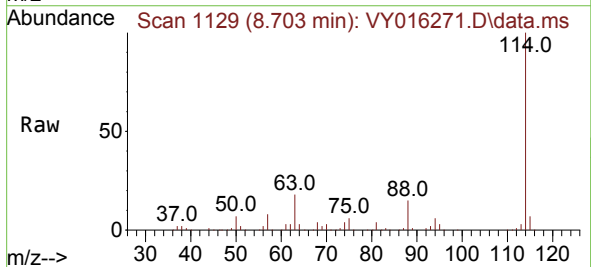
Instrument :
 MSVOA_Y
 ClientSampleId :

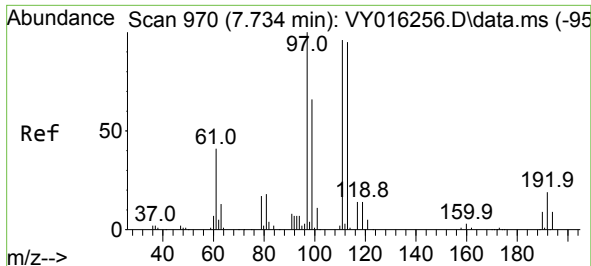
Tgt Ion: 65 Resp: 78877
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016271.D
 Acq: 09 Nov 2023 10:41

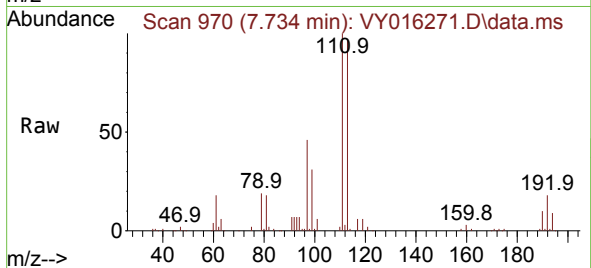
Tgt Ion: 114 Resp: 273475
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.4
 88 15.2 0.0 30.6



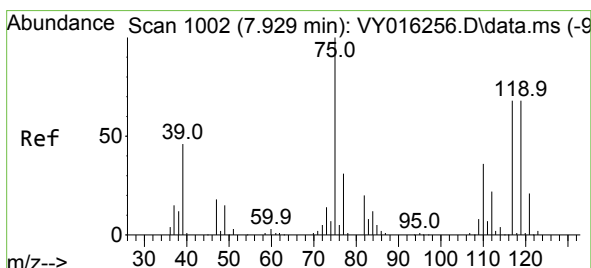
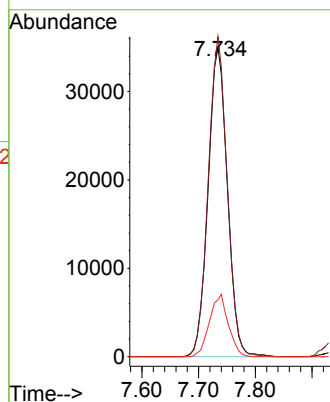
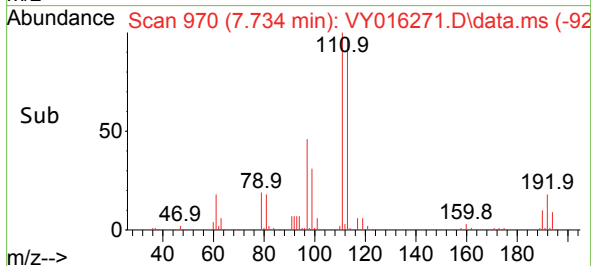


#35
Dibromofluoromethane
Concen: 53.137 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Instrument :
MSVOA_Y
ClientSampleId :

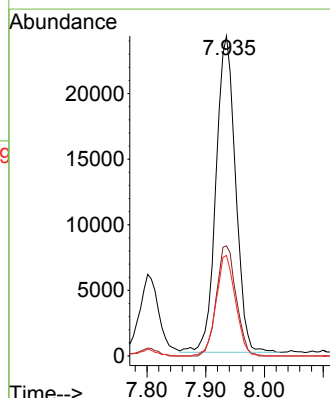
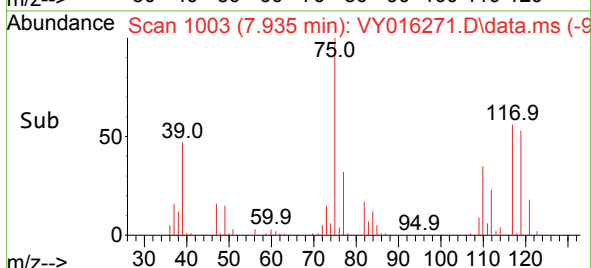
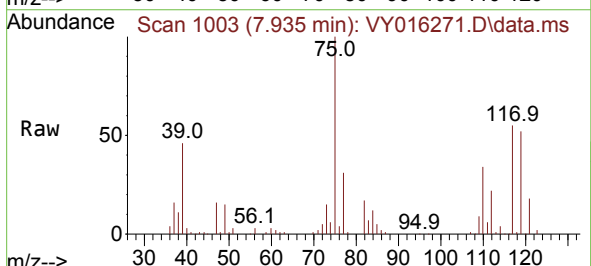


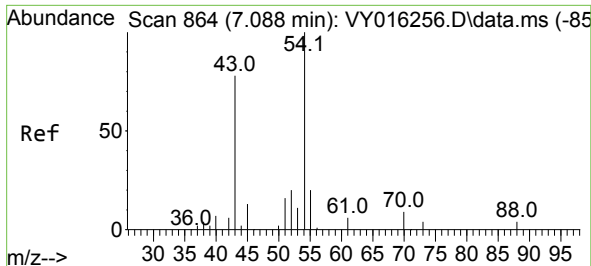
Tgt Ion:113 Resp: 82549
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.645 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 75 Resp: 55691
Ion Ratio Lower Upper
75 100
110 35.0 17.8 53.5
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 20.009 ug/l

RT: 7.094 min Scan# 8

Delta R.T. 0.006 min

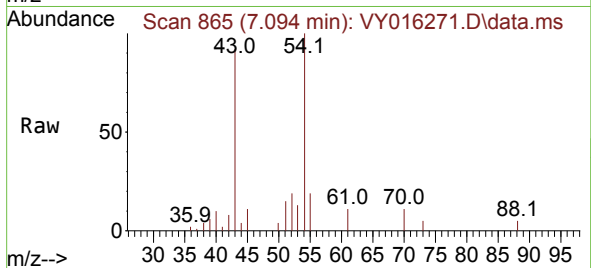
Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

ClientSampleId :



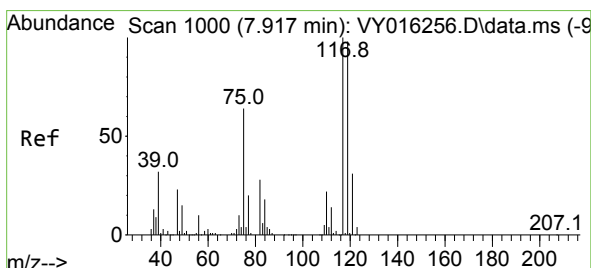
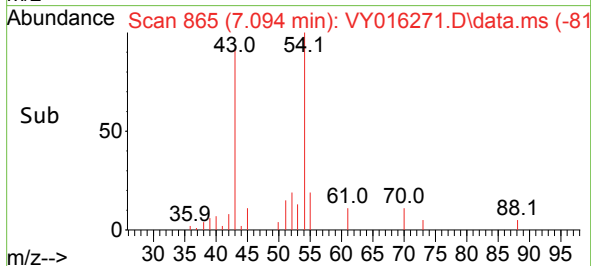
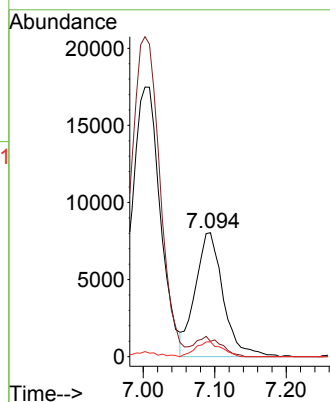
Tgt Ion: 43 Resp: 21809

Ion Ratio Lower Upper

43 100

61 14.7 10.1 15.1

70 11.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.759 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

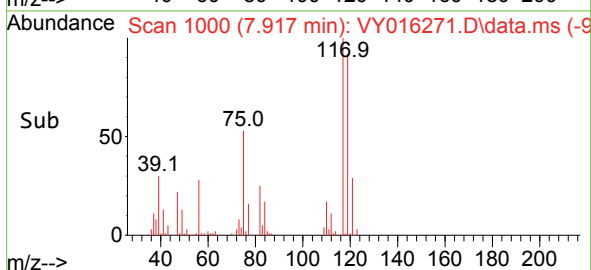
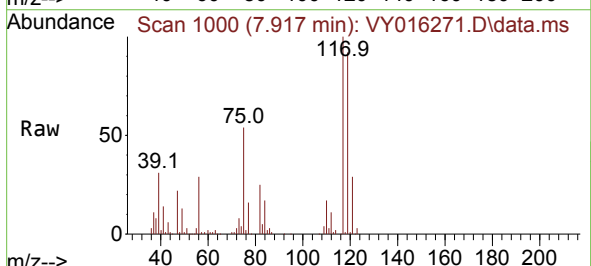
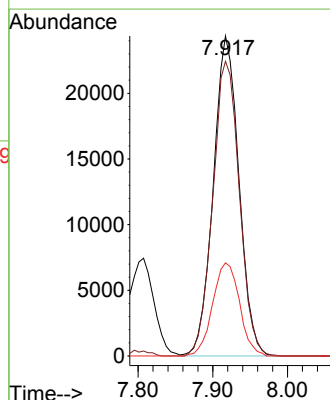
Tgt Ion: 117 Resp: 58119

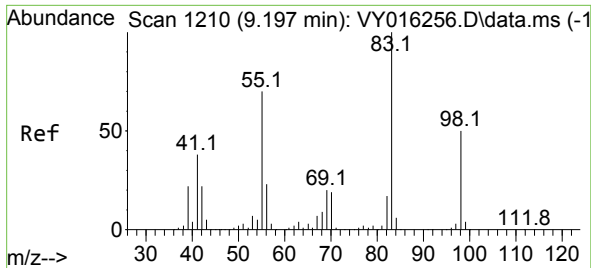
Ion Ratio Lower Upper

117 100

119 92.1 76.4 114.6

121 29.1 25.8 38.6





#39

Methylcyclohexane

Concen: 20.331 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

ClientSampleId :

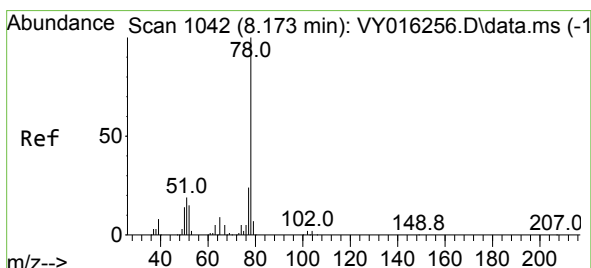
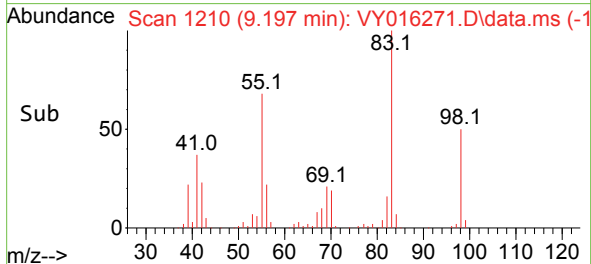
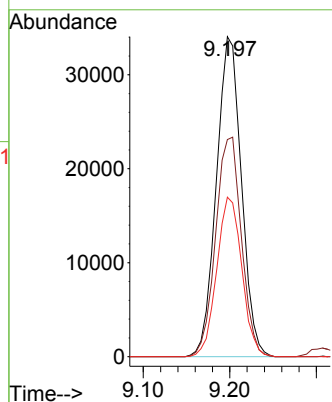
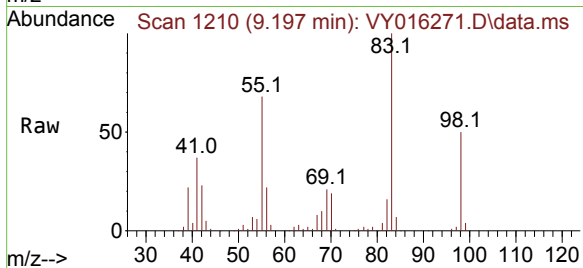
Tgt Ion: 83 Resp: 68339

Ion Ratio Lower Upper

83 100

55 67.9 63.0 94.4

98 49.8 37.4 56.2



#40

Benzene

Concen: 20.638 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016271.D

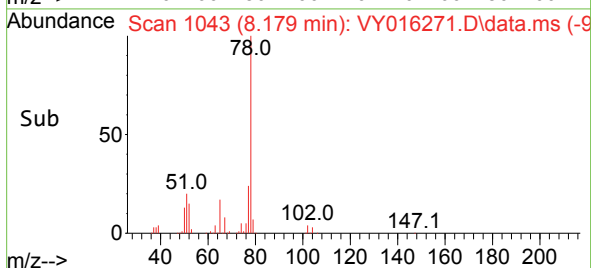
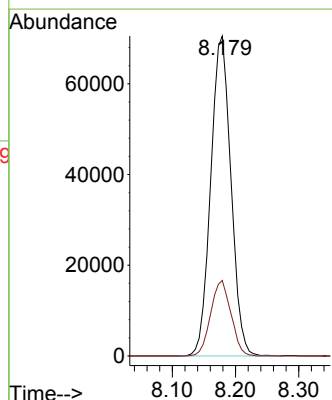
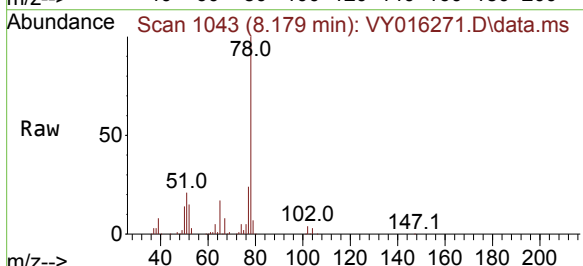
Acq: 09 Nov 2023 10:41

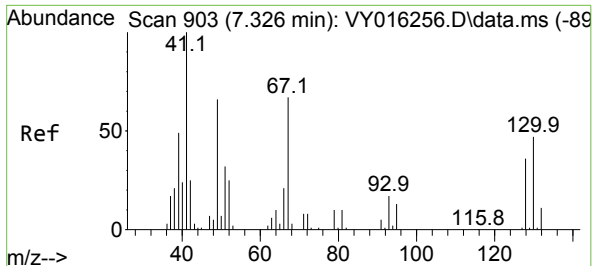
Tgt Ion: 78 Resp: 156410

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

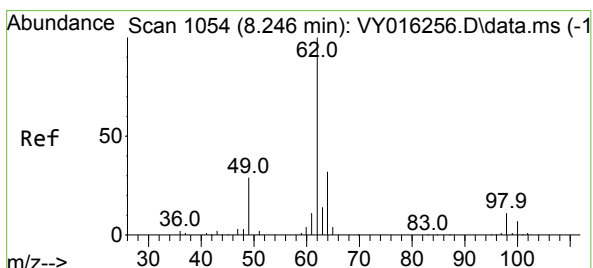
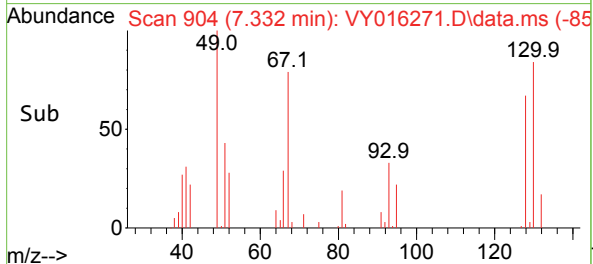
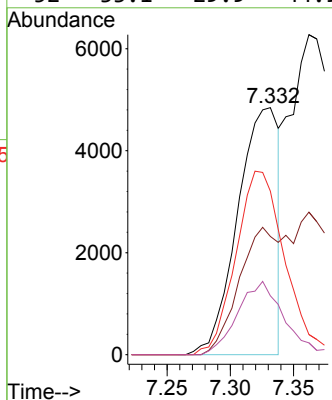
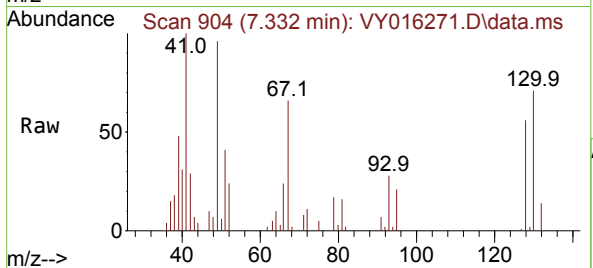




#41
Methacrylonitrile
Concen: 19.976 ug/l
RT: 7.332 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

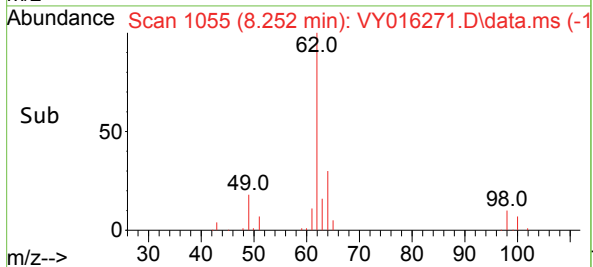
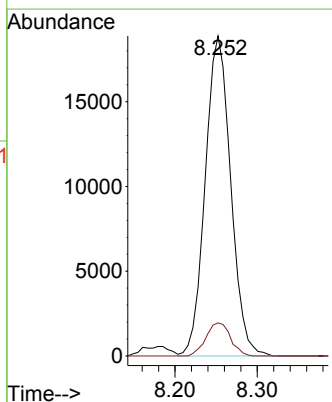
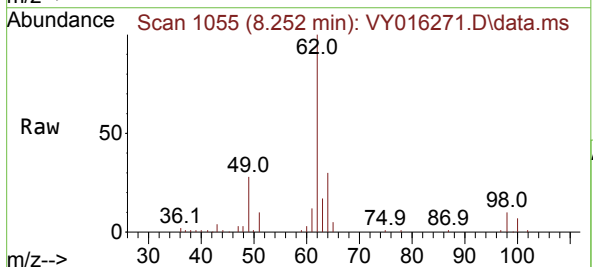
Instrument :
MSVOA_Y
ClientSampleId :

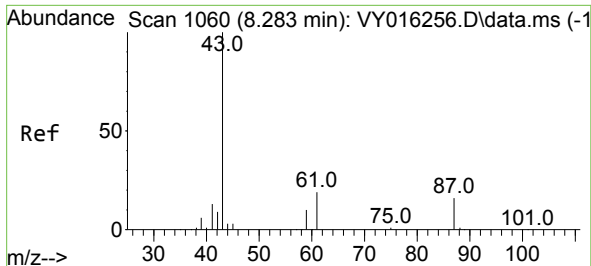
Tgt Ion: 41 Resp: 10978
Ion Ratio Lower Upper
41 100
39 48.7 52.1 78.1#
67 88.1 66.2 99.2
52 33.1 29.9 44.9



#42
1,2-Dichloroethane
Concen: 20.688 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 62 Resp: 40625
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8

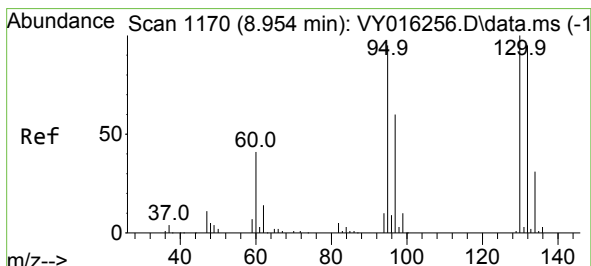
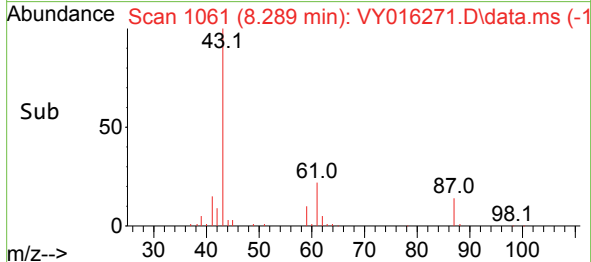
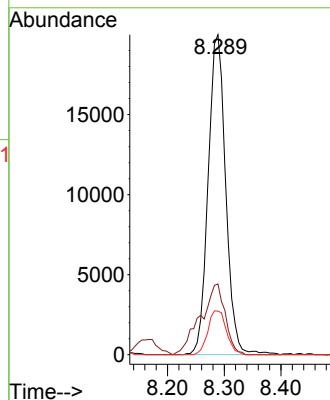
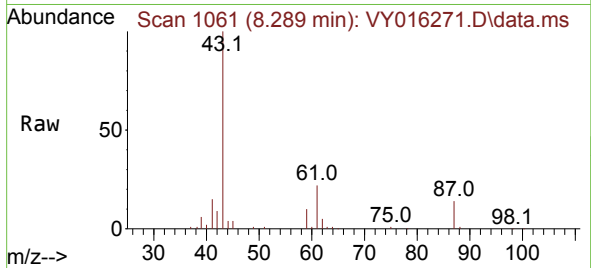




#43
Isopropyl Acetate
Concen: 20.406 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

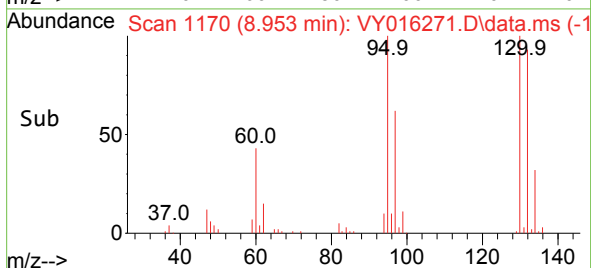
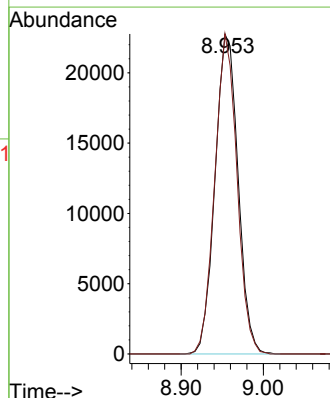
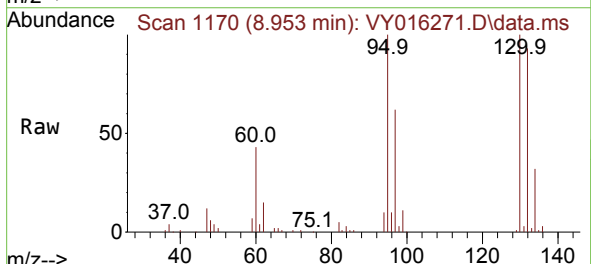
Instrument :
MSVOA_Y
ClientSampleId :

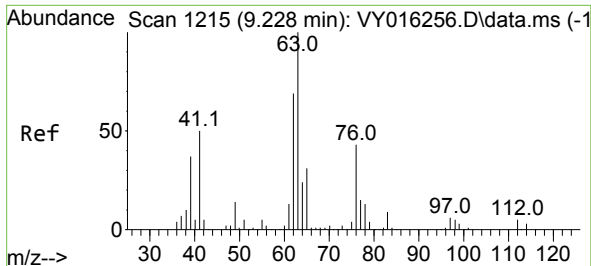
Tgt Ion: 43 Resp: 42991
Ion Ratio Lower Upper
43 100
61 31.1 21.1 31.7
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 20.329 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 130 Resp: 44279
Ion Ratio Lower Upper
130 100
95 100.1 0.0 196.0

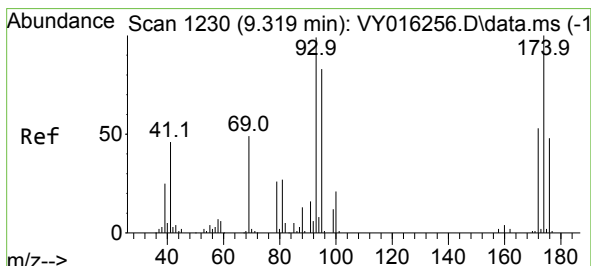
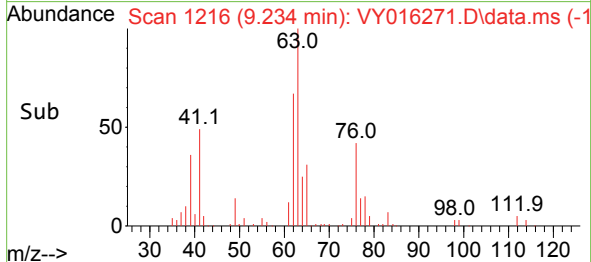
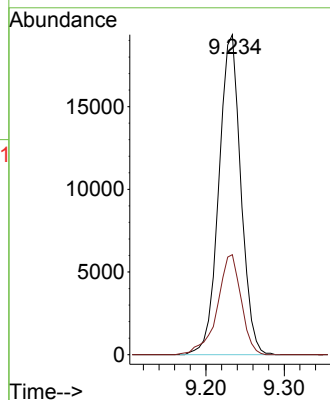
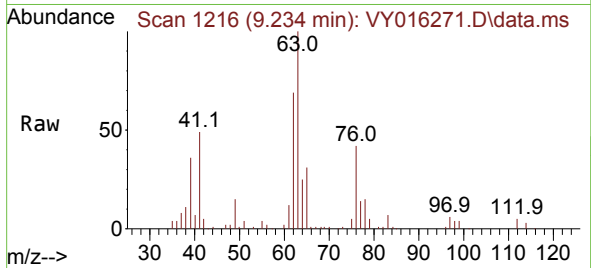




#45
1,2-Dichloropropane
Concen: 20.749 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

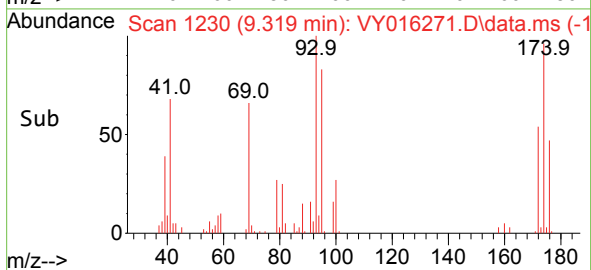
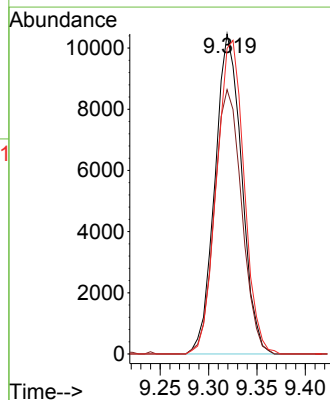
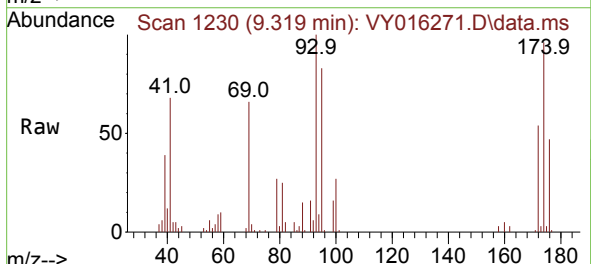
Instrument :
MSVOA_Y
ClientSampleId :

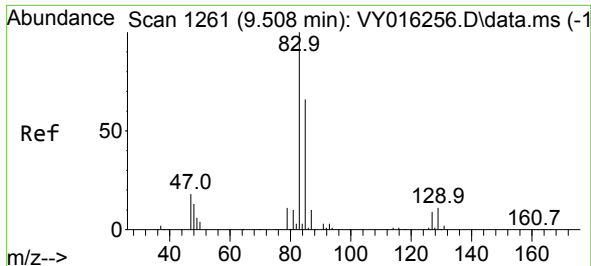
Tgt Ion: 63 Resp: 37766
Ion Ratio Lower Upper
63 100
65 31.2 23.8 35.6



#46
Dibromomethane
Concen: 20.362 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

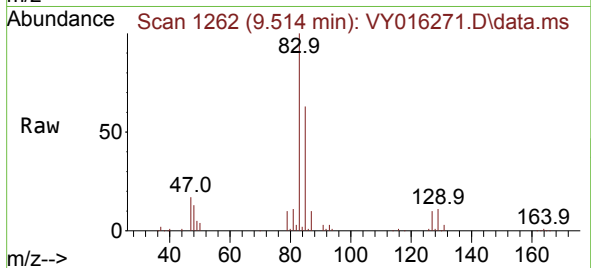
Tgt Ion: 93 Resp: 20084
Ion Ratio Lower Upper
93 100
95 84.5 66.6 100.0
174 100.7 84.8 127.2



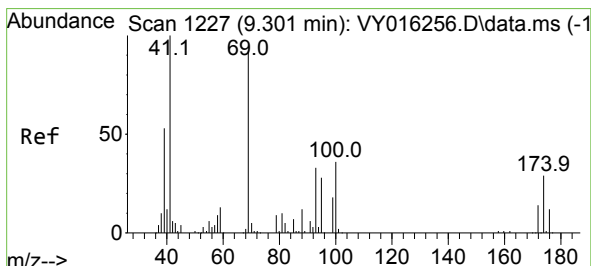
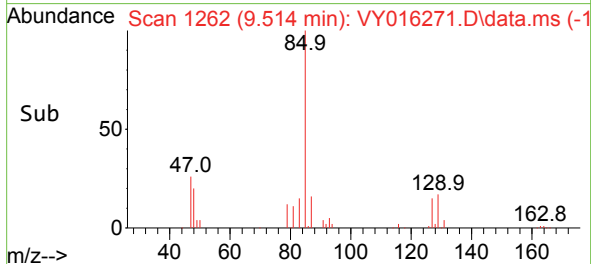
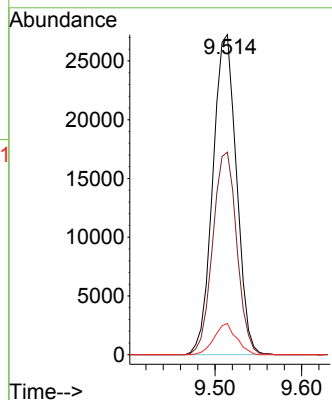


#47
Bromodichloromethane
Concen: 20.376 ug/l
RT: 9.514 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Instrument :
MSVOA_Y
ClientSampleId :

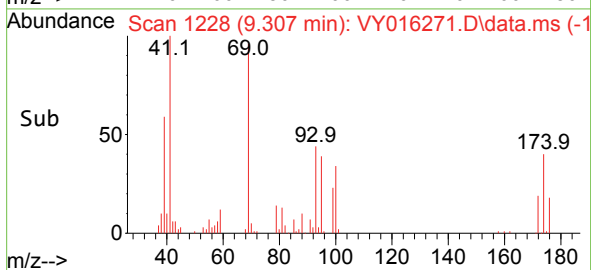
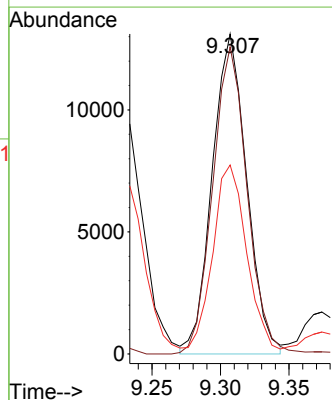
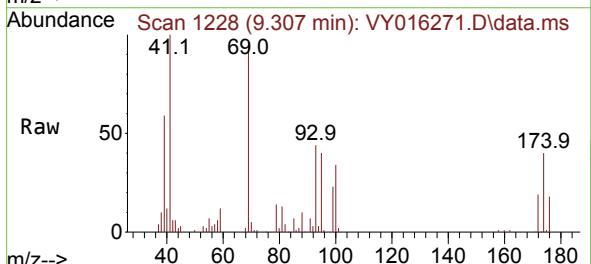


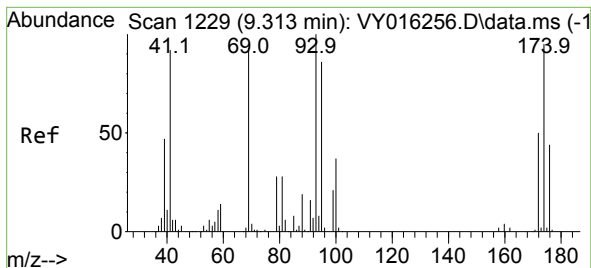
Tgt Ion: 83 Resp: 51667
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 9.8 7.1 10.7



#48
Methyl methacrylate
Concen: 19.704 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 41 Resp: 22943
Ion Ratio Lower Upper
41 100
69 96.4 64.5 96.7
39 56.1 50.8 76.2





#49

1,4-Dioxane

Concen: 375.312 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

ClientSampleId :

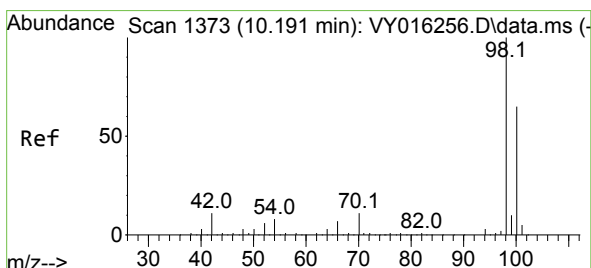
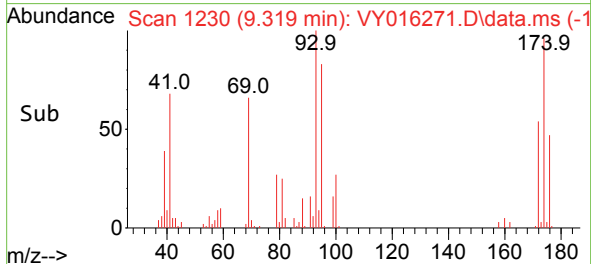
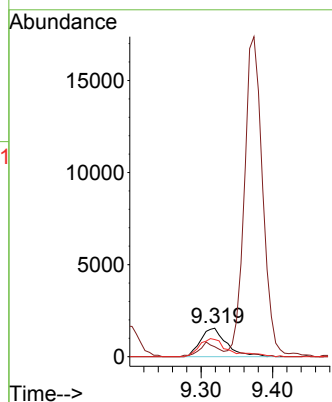
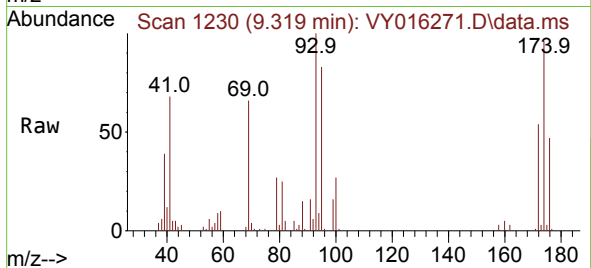
Tgt Ion: 88 Resp: 3930

Ion Ratio Lower Upper

88 100

43 34.7 0.0 0.0#

58 70.4 30.9 46.3#



#50

Toluene-d8

Concen: 52.398 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016271.D

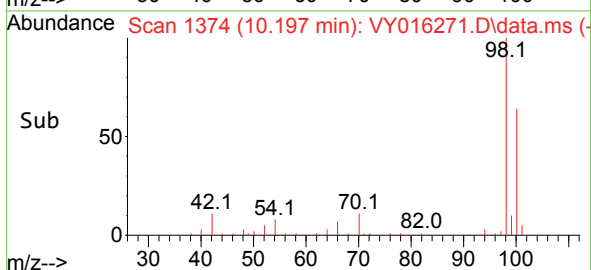
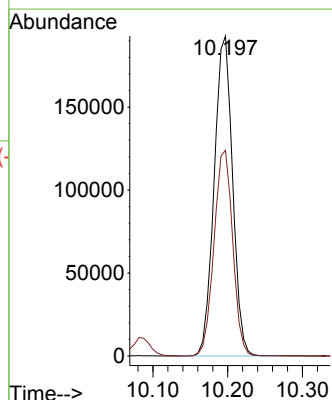
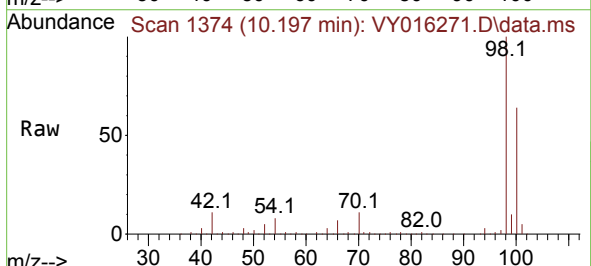
Acq: 09 Nov 2023 10:41

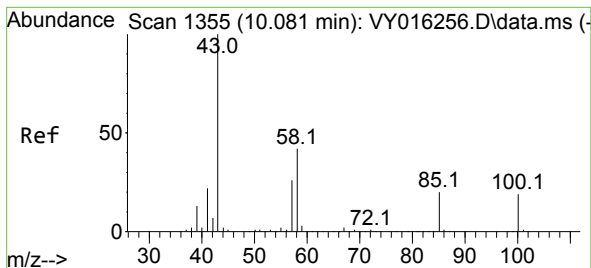
Tgt Ion: 98 Resp: 330095

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

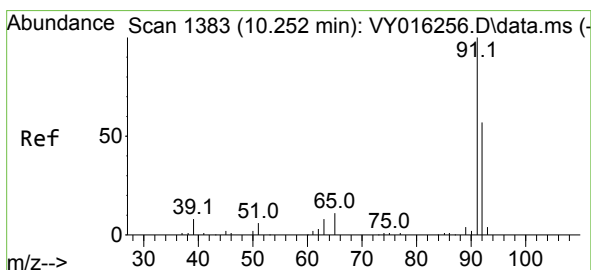
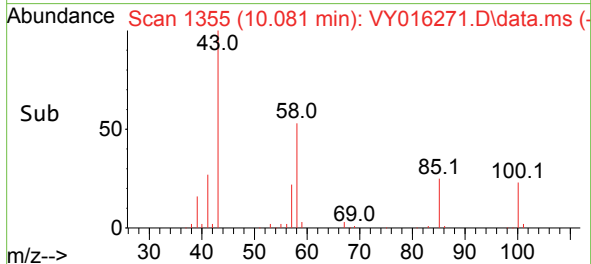
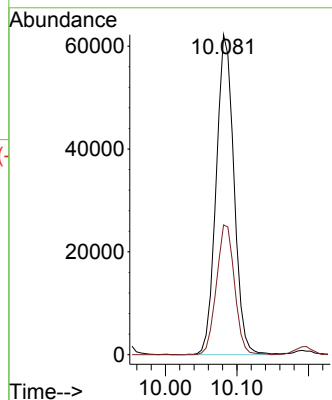
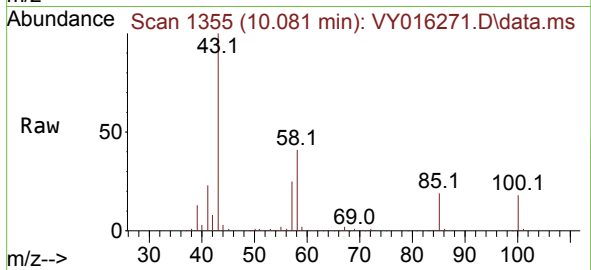




#51
4-Methyl-2-Pentanone
Concen: 101.016 ug/l
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

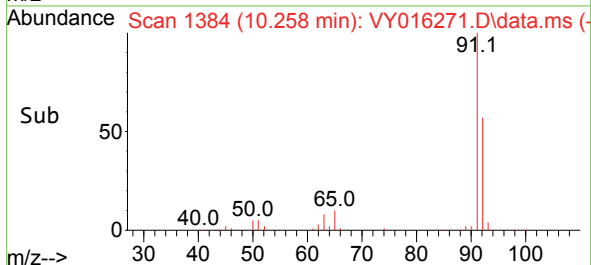
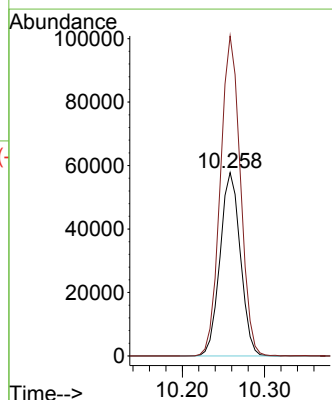
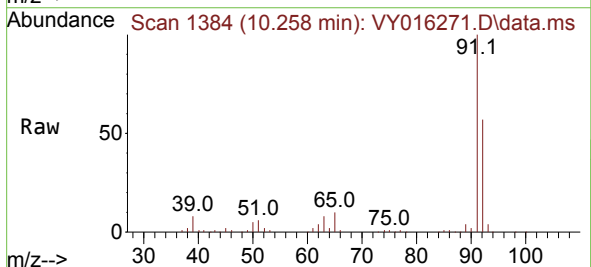
Instrument :
MSVOA_Y
ClientSampleId :

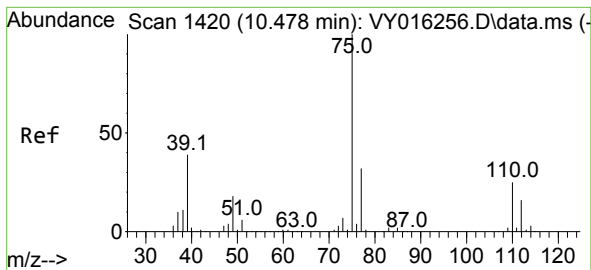
Tgt Ion: 43 Resp: 107620
Ion Ratio Lower Upper
43 100
58 41.2 29.0 43.6



#52
Toluene
Concen: 20.679 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 92 Resp: 99066
Ion Ratio Lower Upper
92 100
91 172.5 143.8 215.6

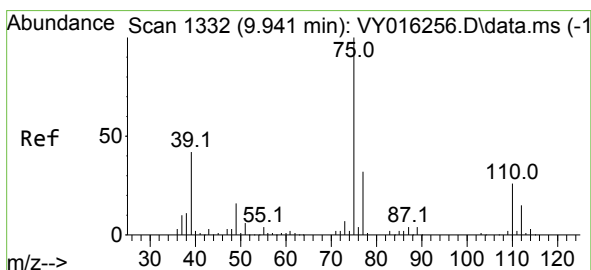
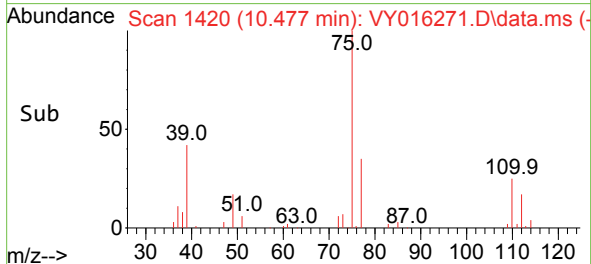
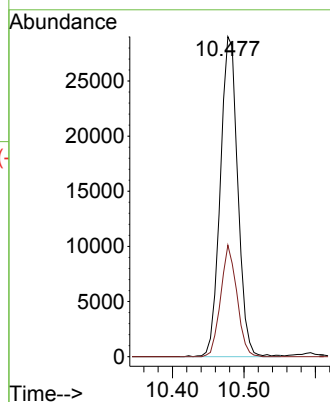
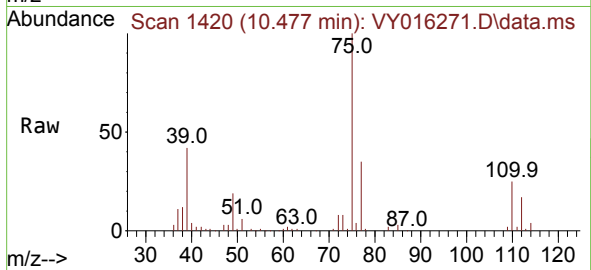




#53
t-1,3-Dichloropropene
Concen: 20.065 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

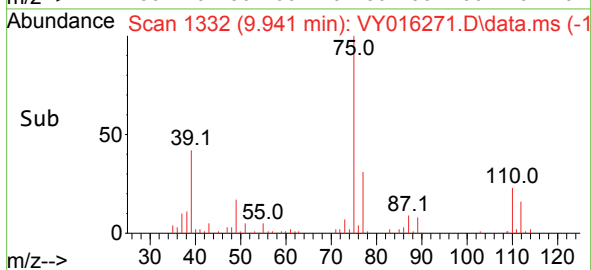
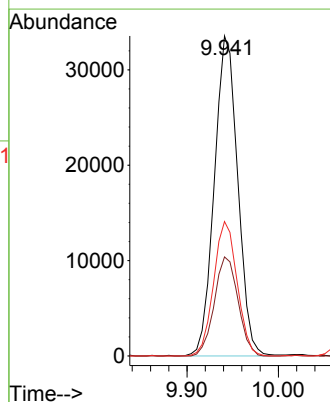
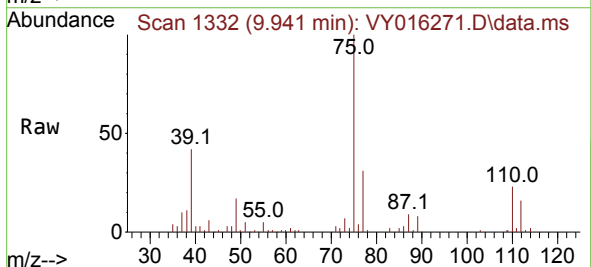
Instrument :
MSVOA_Y
ClientSampleId :

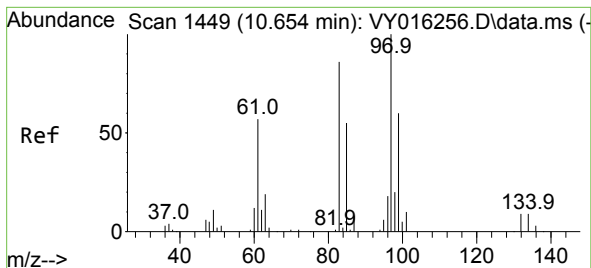
Tgt Ion: 75 Resp: 49324
Ion Ratio Lower Upper
75 100
77 34.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.362 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 75 Resp: 59783
Ion Ratio Lower Upper
75 100
77 31.0 24.2 36.4
39 42.0 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 20.700 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

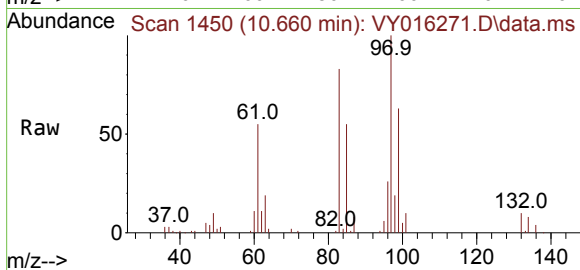
Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 28141

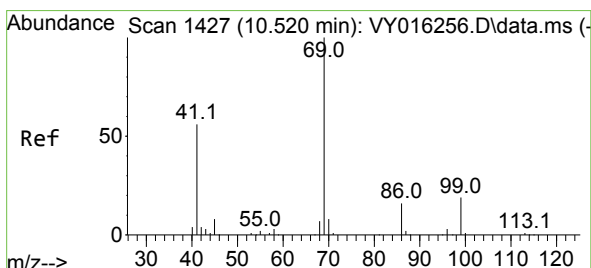
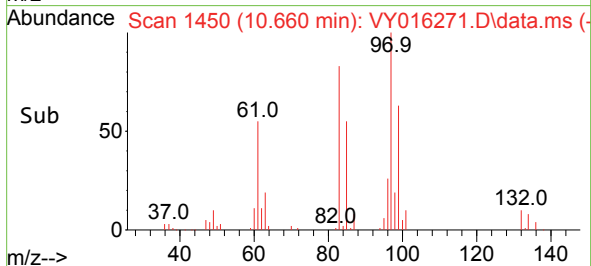
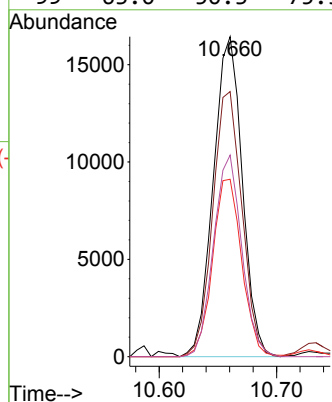
Ion Ratio Lower Upper

97 100

83 82.9 72.0 108.0

85 55.5 45.4 68.0

99 63.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.587 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

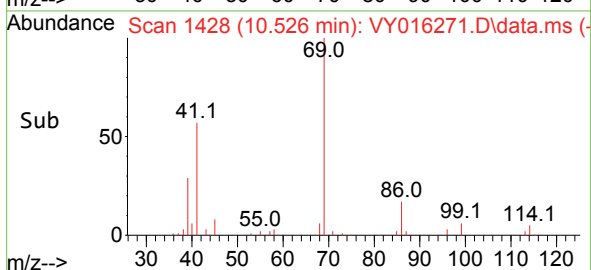
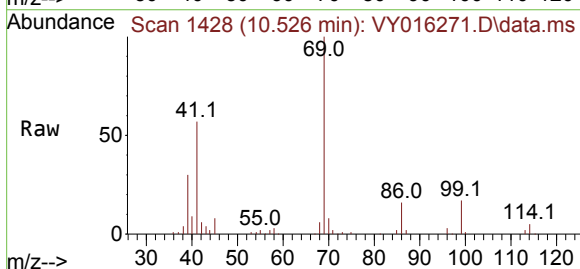
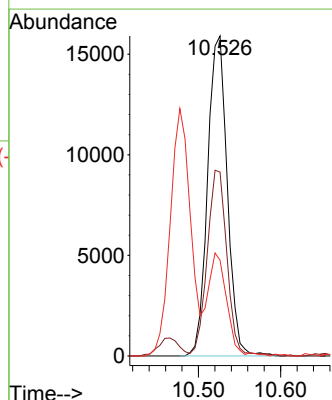
Tgt Ion: 69 Resp: 26419

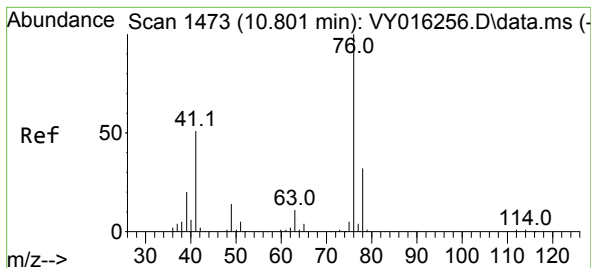
Ion Ratio Lower Upper

69 100

41 58.6 57.6 86.4

39 31.1 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 20.597 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

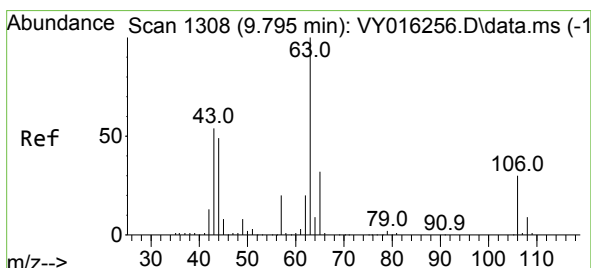
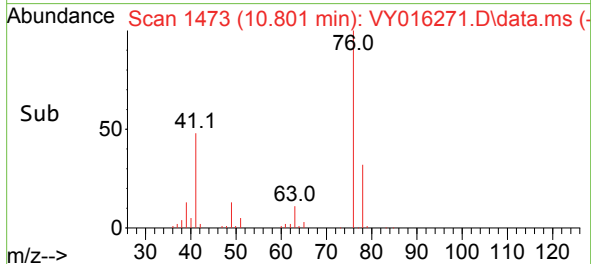
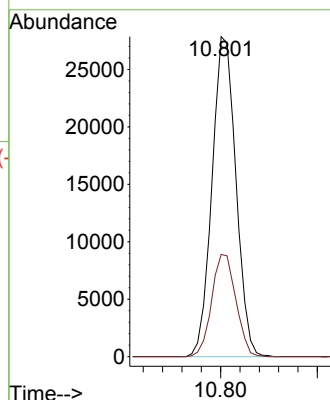
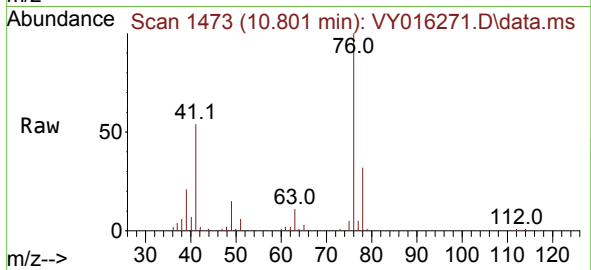
ClientSampleId :

Tgt Ion: 76 Resp: 47729

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 100.970 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016271.D

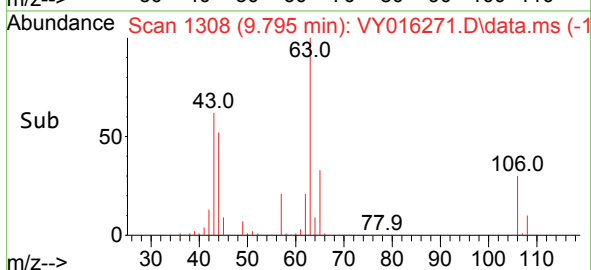
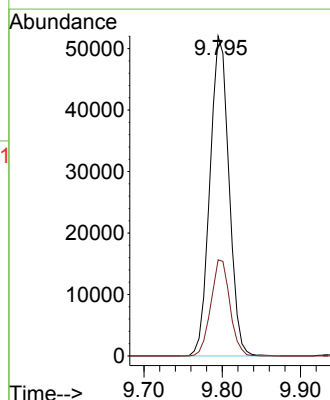
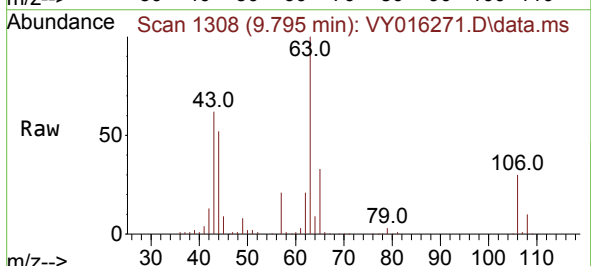
Acq: 09 Nov 2023 10:41

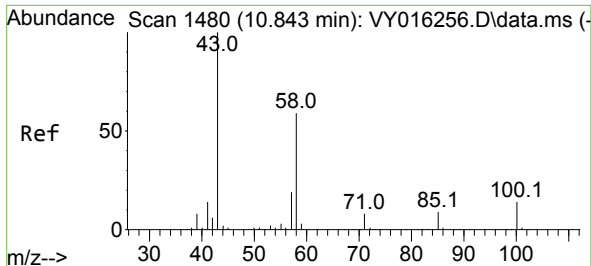
Tgt Ion: 63 Resp: 87860

Ion Ratio Lower Upper

63 100

106 29.9 21.2 31.8

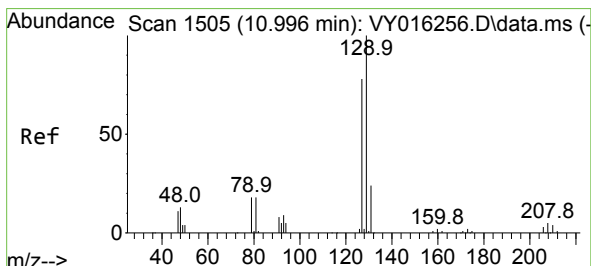
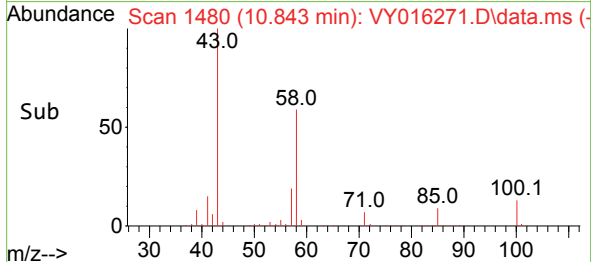
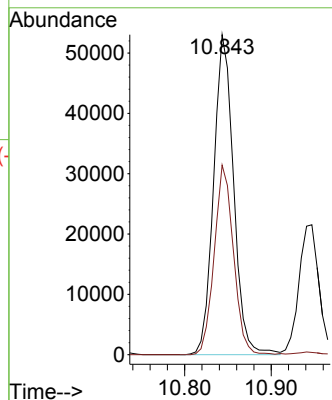
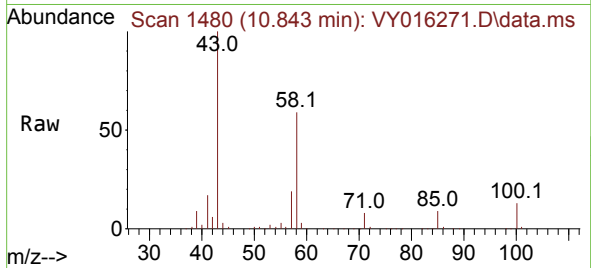




#59
2-Hexanone
Concen: 107.329 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

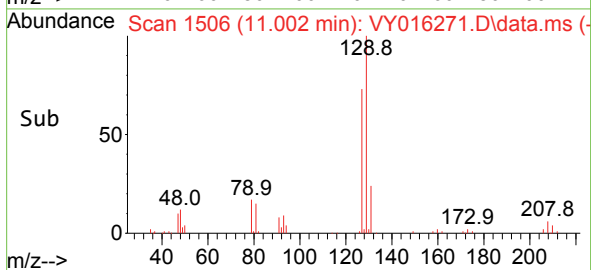
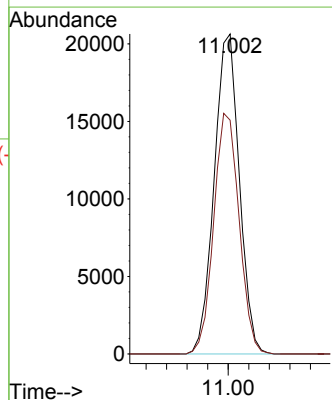
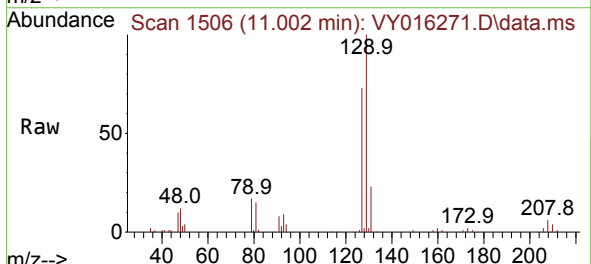
Instrument :
MSVOA_Y
ClientSampleId :

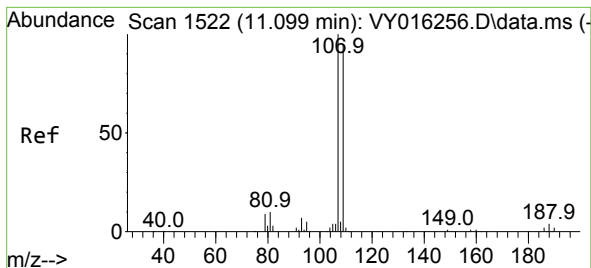
Tgt Ion: 43 Resp: 85053
Ion Ratio Lower Upper
43 100
58 56.9 25.1 75.3



#60
Dibromochloromethane
Concen: 20.612 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion:129 Resp: 35045
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.5

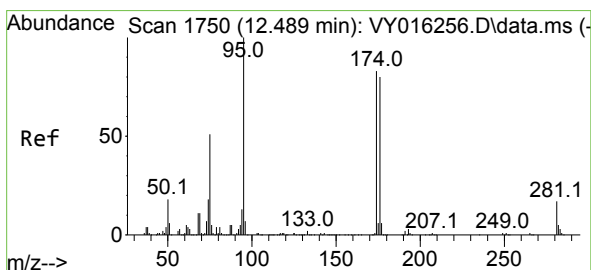
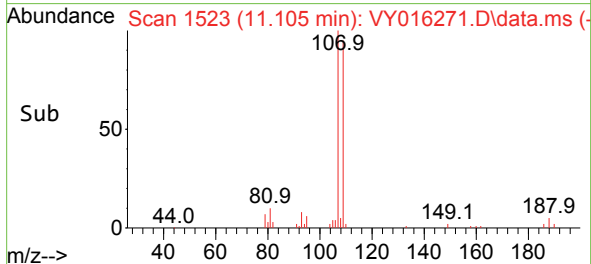
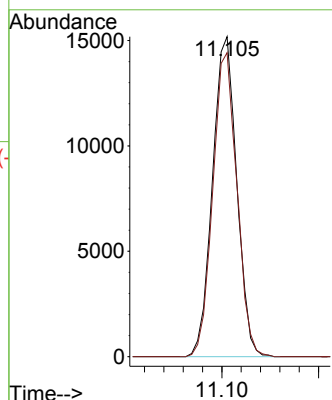
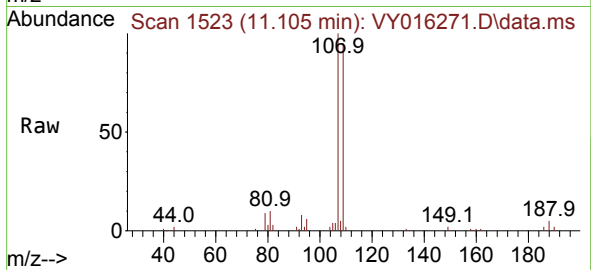




#61
1,2-Dibromoethane
Concen: 20.343 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

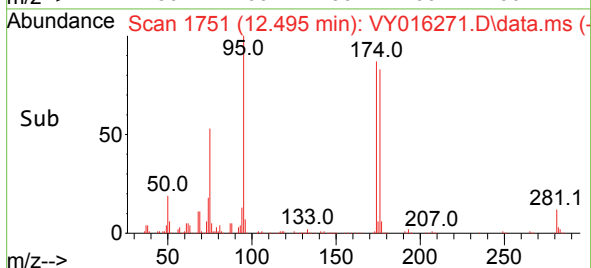
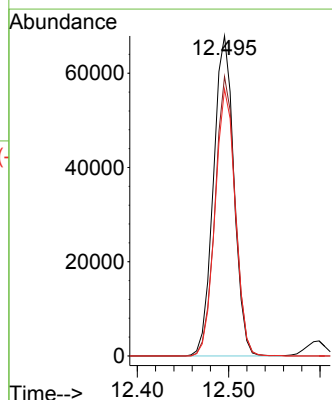
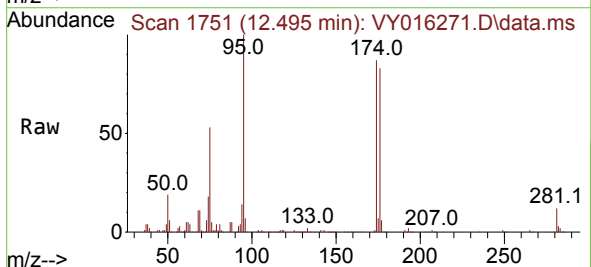
Instrument :
MSVOA_Y
ClientSampleId :

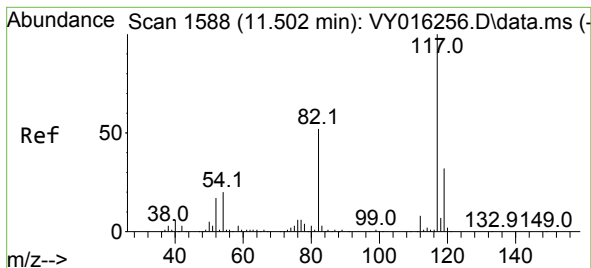
Tgt Ion:107 Resp: 26348
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.641 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 95 Resp: 105661
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 82.7 0.0 173.8

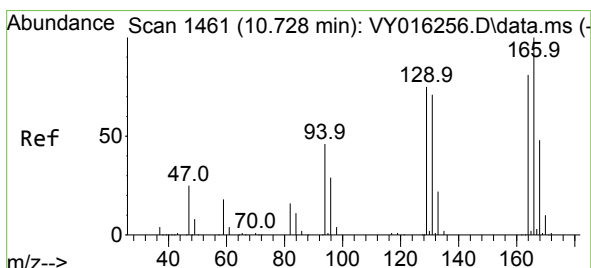
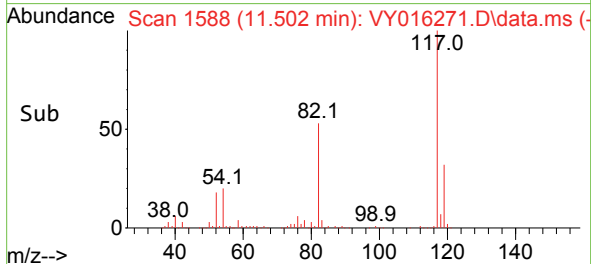
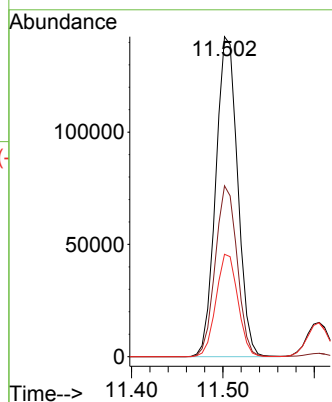
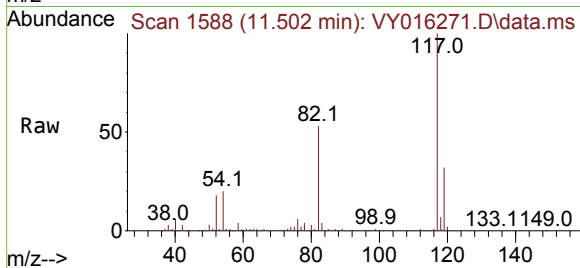




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

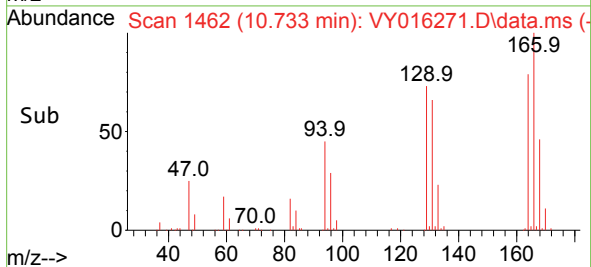
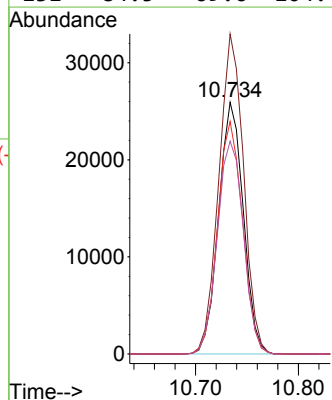
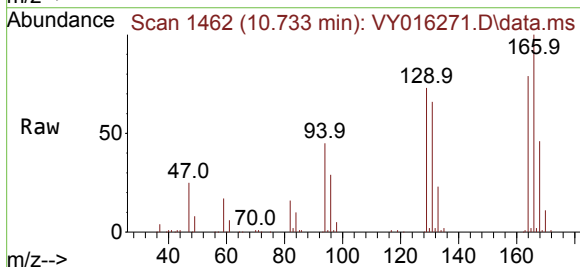
Instrument :
MSVOA_Y
ClientSampleId :

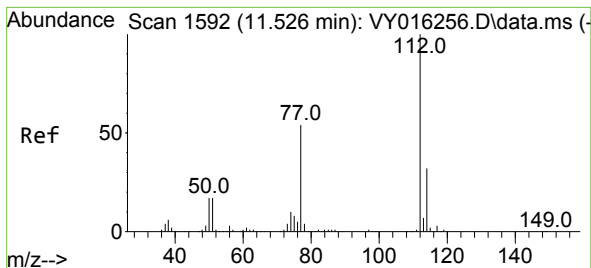
Tgt Ion:117 Resp: 236992
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 20.308 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion:164 Resp: 43215
Ion Ratio Lower Upper
164 100
166 127.1 103.0 154.6
129 92.4 77.2 115.8
131 84.5 69.6 104.4

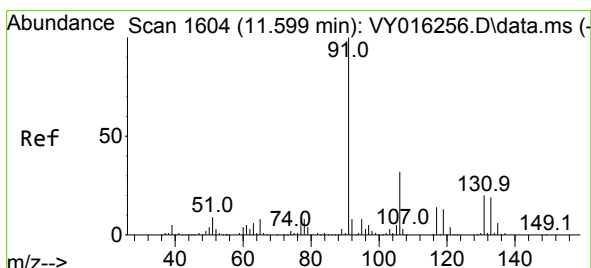
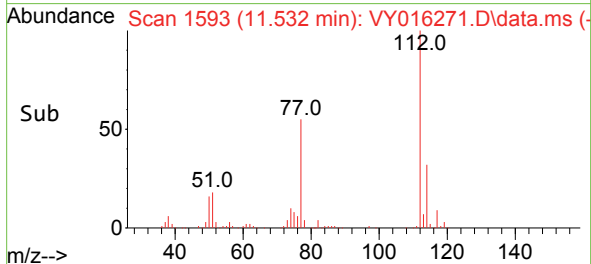
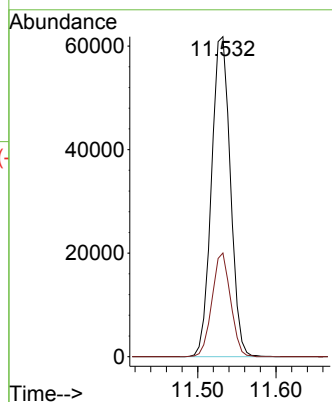
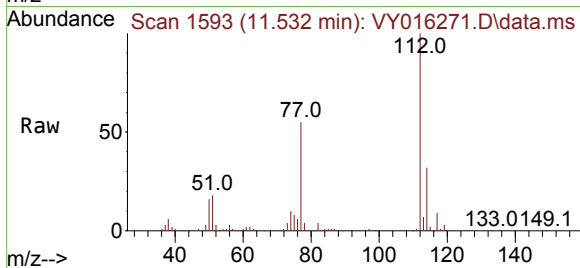




#65
Chlorobenzene
Concen: 20.463 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

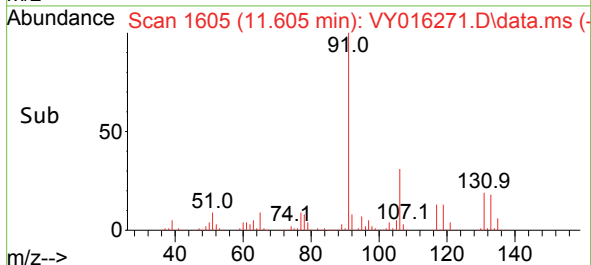
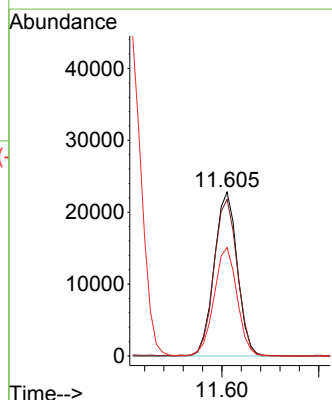
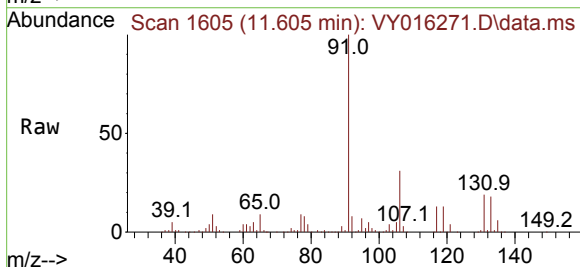
Instrument :
MSVOA_Y
ClientSampleId :

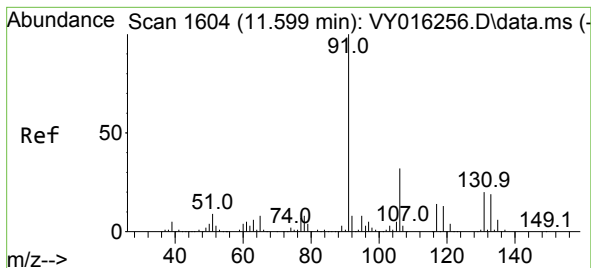
Tgt Ion:112 Resp: 103614
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.197 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion:131 Resp: 37718
Ion Ratio Lower Upper
131 100
133 97.3 47.5 142.6
119 66.0 31.6 94.7





#67

Ethyl Benzene

Concen: 20.439 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

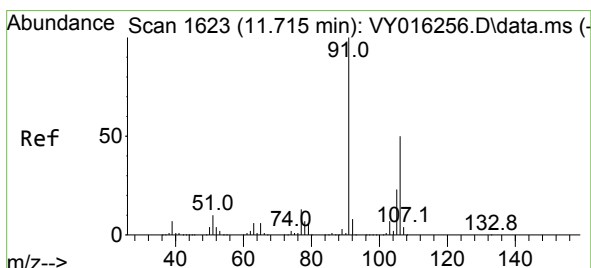
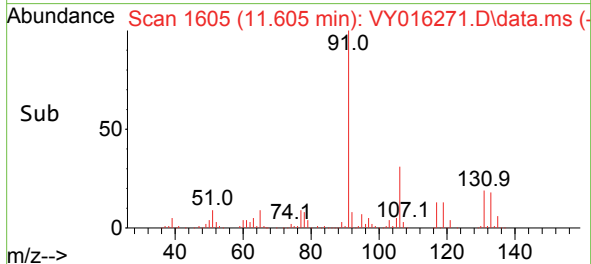
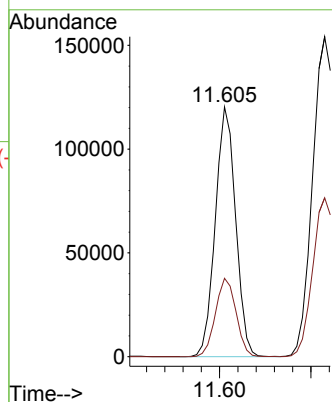
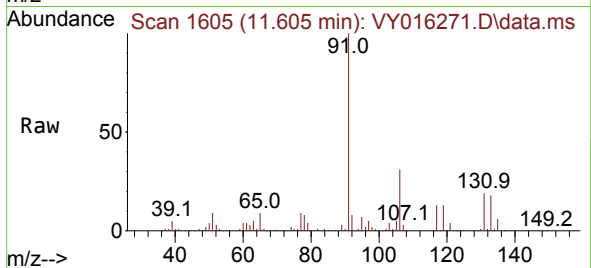
ClientSampleId :

Tgt Ion: 91 Resp: 185993

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 41.162 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016271.D

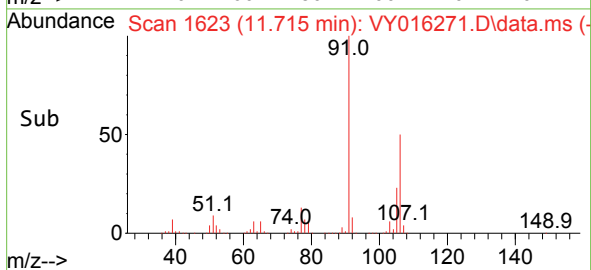
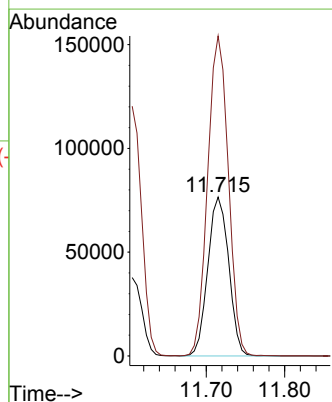
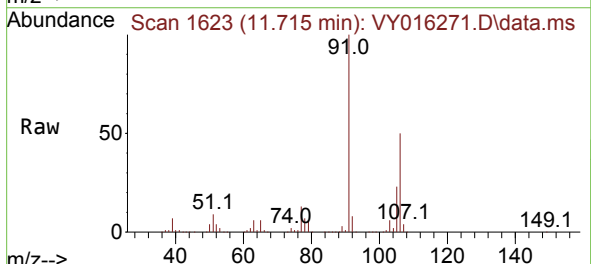
Acq: 09 Nov 2023 10:41

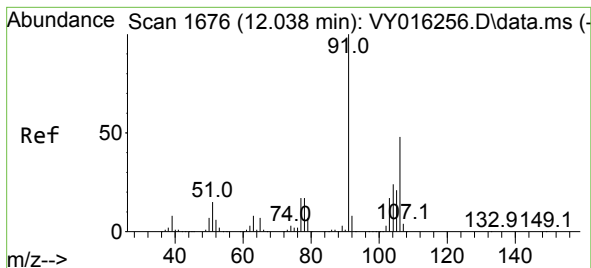
Tgt Ion:106 Resp: 142069

Ion Ratio Lower Upper

106 100

91 199.4 166.1 249.1





#69

o-Xylene

Concen: 20.466 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

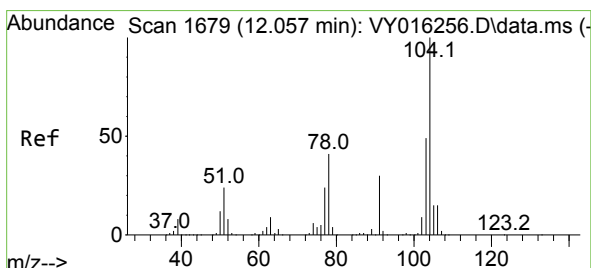
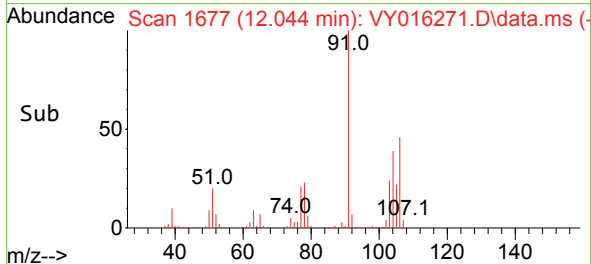
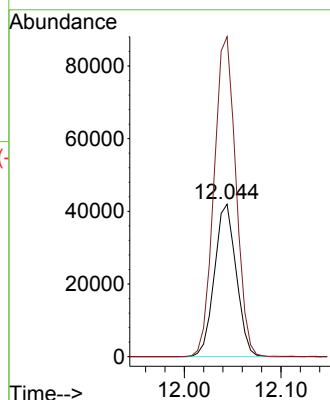
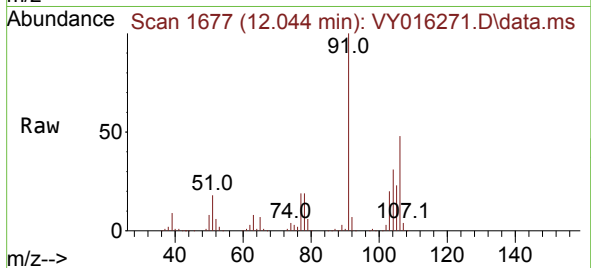
ClientSampleId :

Tgt Ion:106 Resp: 65585

Ion Ratio Lower Upper

106 100

91 210.7 108.1 324.3



#70

Styrene

Concen: 20.498 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

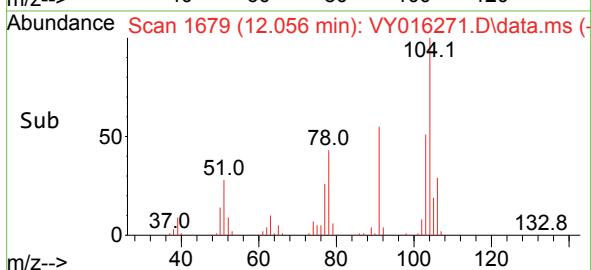
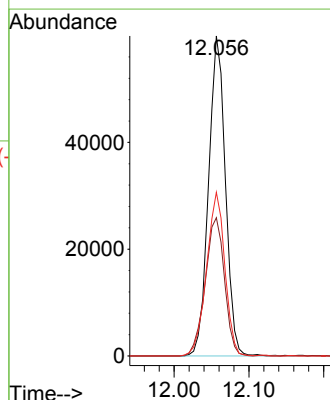
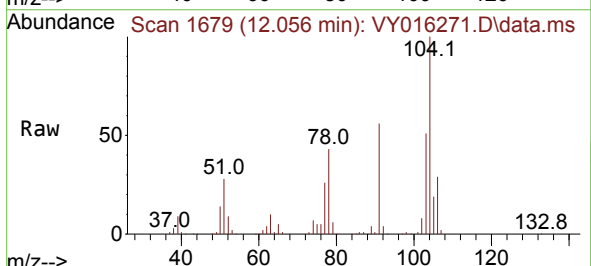
Tgt Ion:104 Resp: 94056

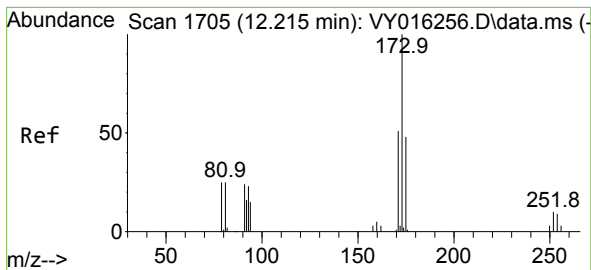
Ion Ratio Lower Upper

104 100

78 49.2 41.5 62.3

103 55.5 44.6 67.0





#71

Bromoform

Concen: 20.760 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

ClientSampleId :

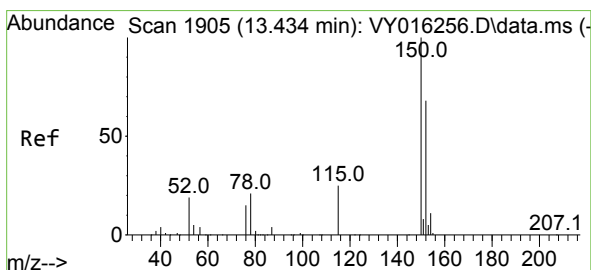
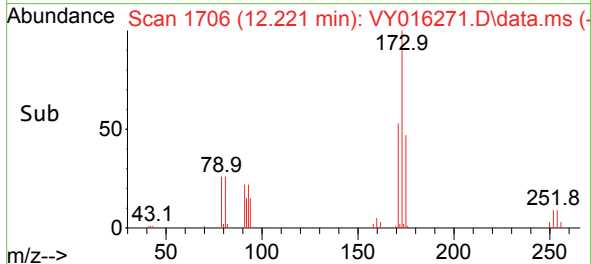
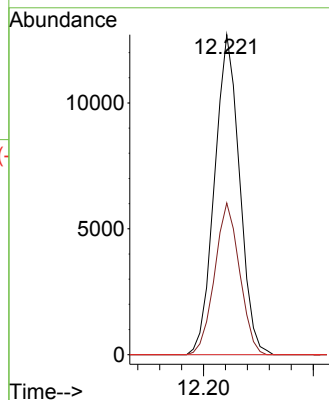
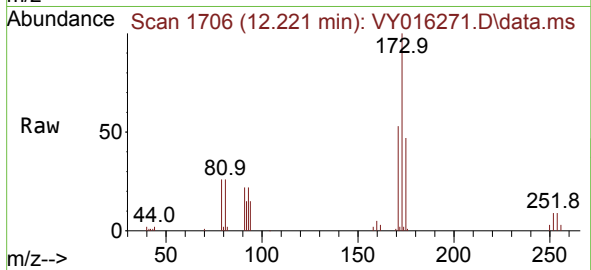
Tgt Ion:173 Resp: 20117

Ion Ratio Lower Upper

173 100

175 47.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

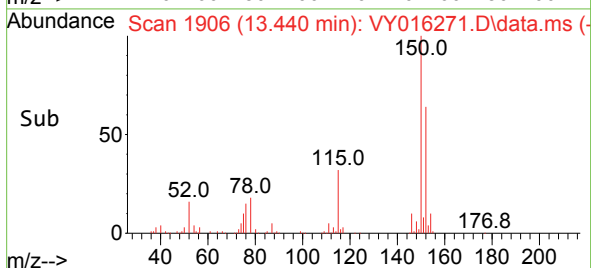
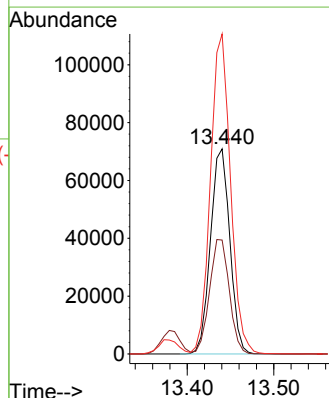
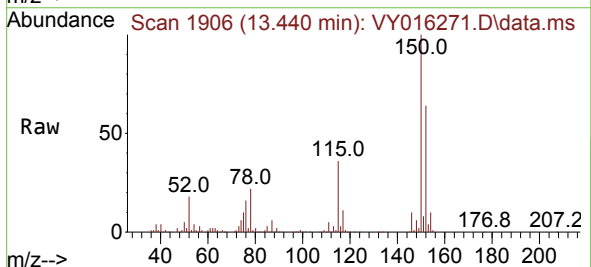
Tgt Ion:152 Resp: 110090

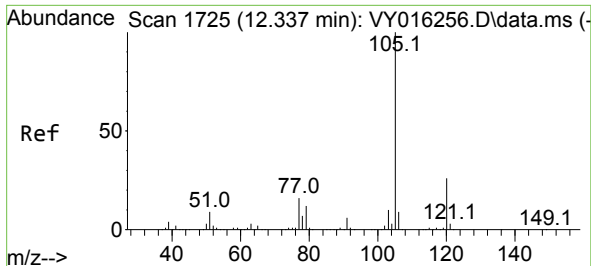
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 161.4 0.0 348.8

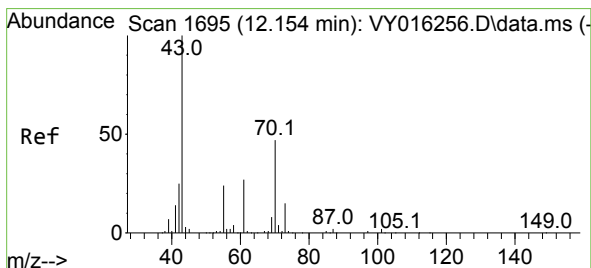
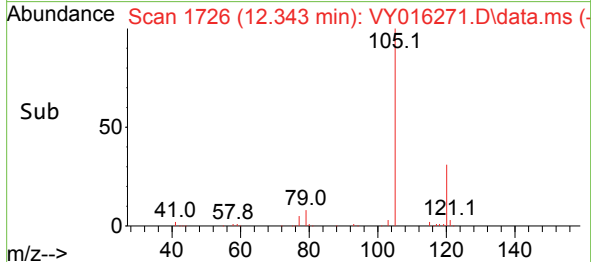
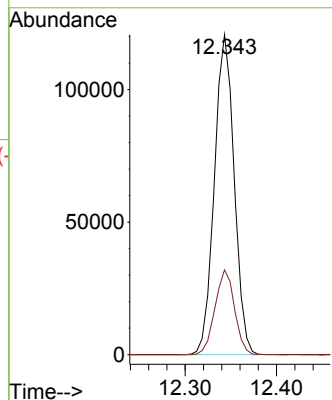
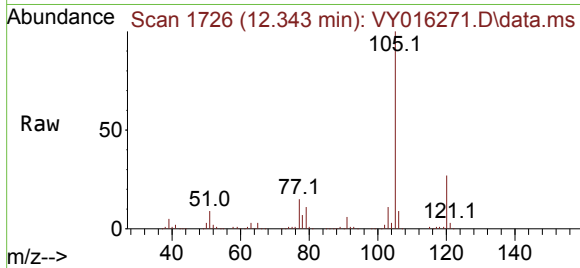




#73
Isopropylbenzene
Concen: 20.395 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

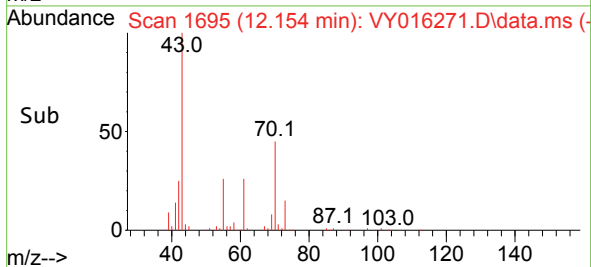
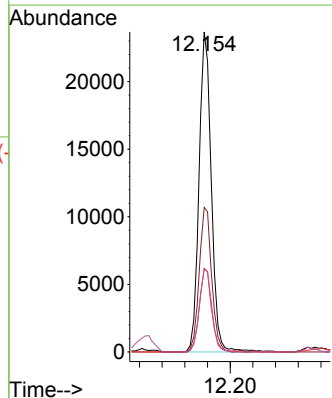
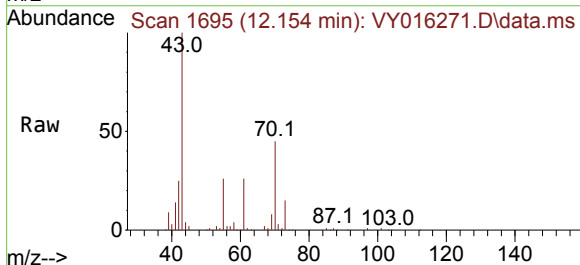
Instrument :
MSVOA_Y
ClientSampleId :

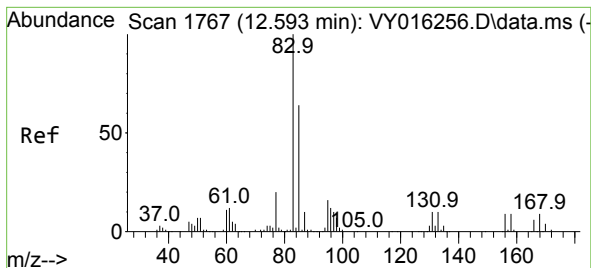
Tgt Ion:105 Resp: 181820
Ion Ratio Lower Upper
105 100
120 26.1 13.3 39.9



#74
N-amy1 acetate
Concen: 19.859 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 43 Resp: 35561
Ion Ratio Lower Upper
43 100
70 45.7 29.7 44.5#
55 26.3 18.3 27.5
61 26.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.476 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

ClientSampleId :

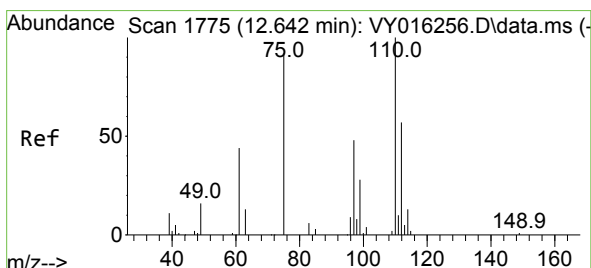
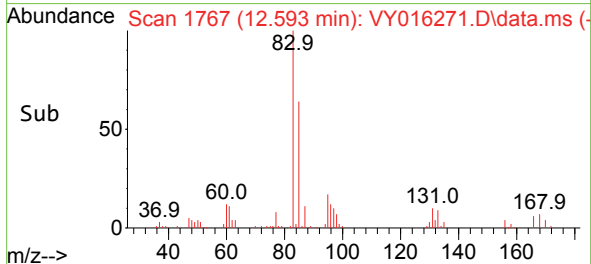
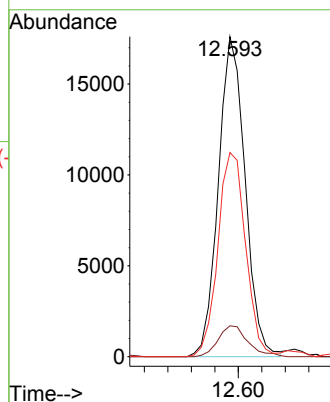
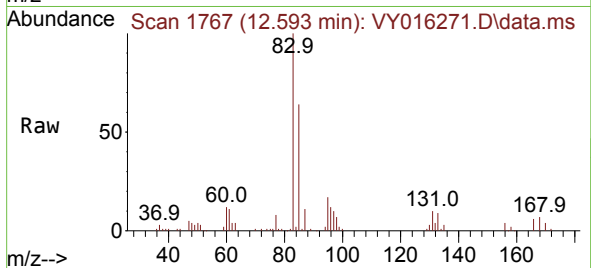
Tgt Ion: 83 Resp: 27860

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 66.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.617 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016271.D

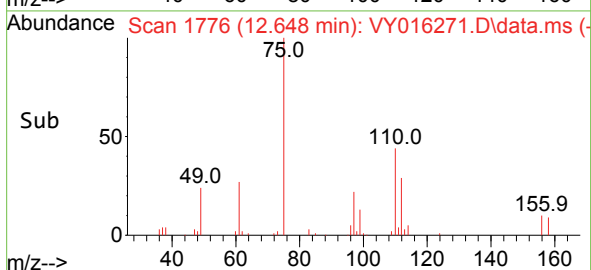
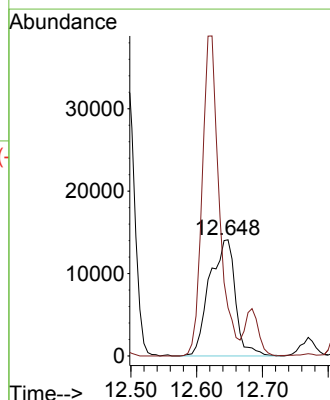
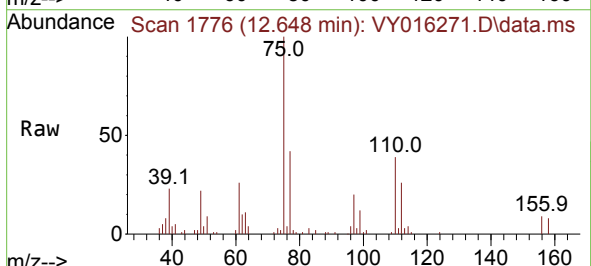
Acq: 09 Nov 2023 10:41

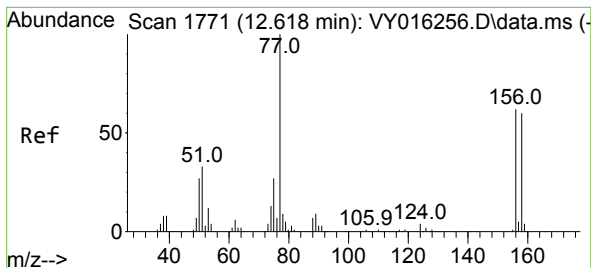
Tgt Ion: 75 Resp: 38670

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.980 ug/l

RT: 12.623 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

ClientSampleId :

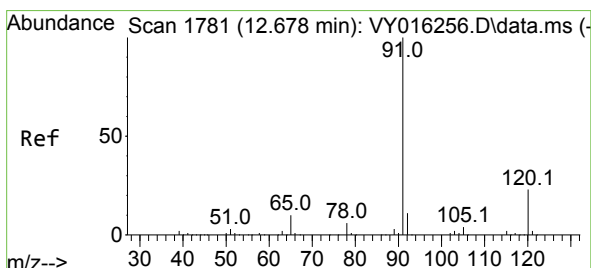
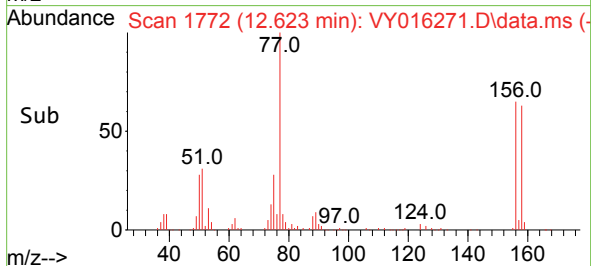
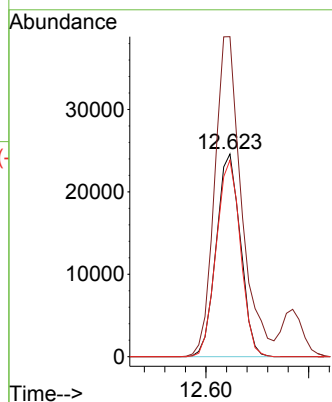
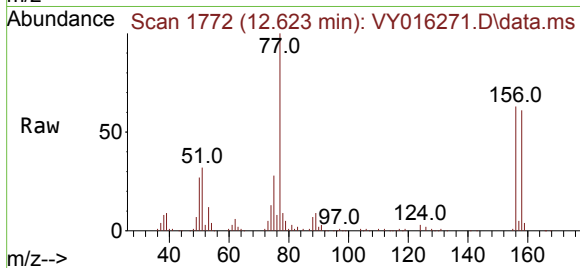
Tgt Ion:156 Resp: 40257

Ion Ratio Lower Upper

156 100

77 175.7 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 20.569 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016271.D

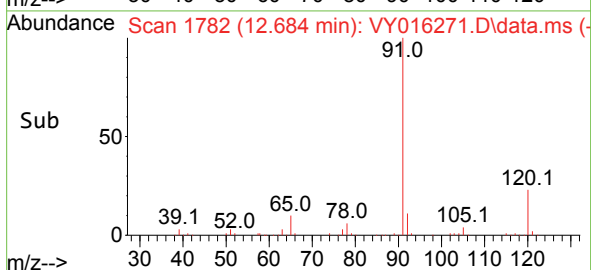
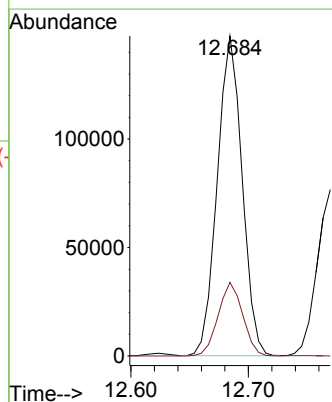
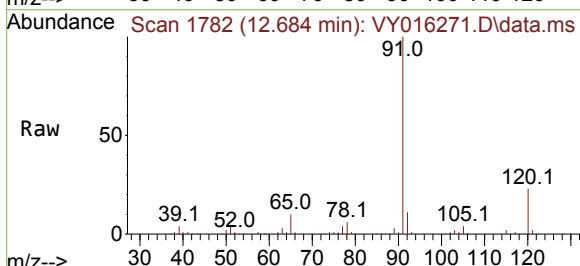
Acq: 09 Nov 2023 10:41

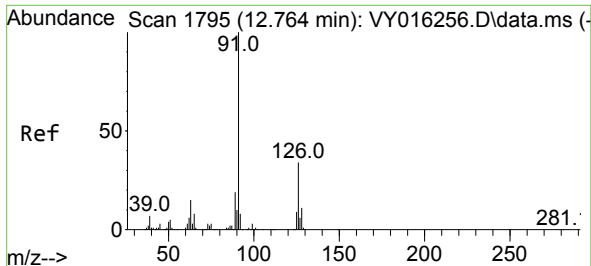
Tgt Ion: 91 Resp: 216709

Ion Ratio Lower Upper

91 100

120 22.7 11.5 34.4

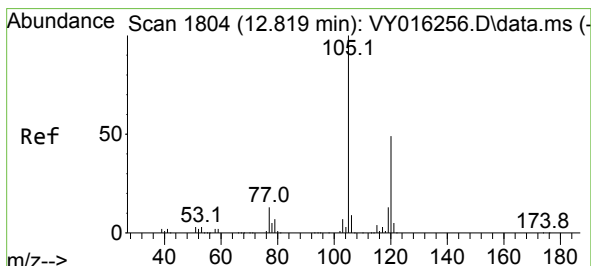
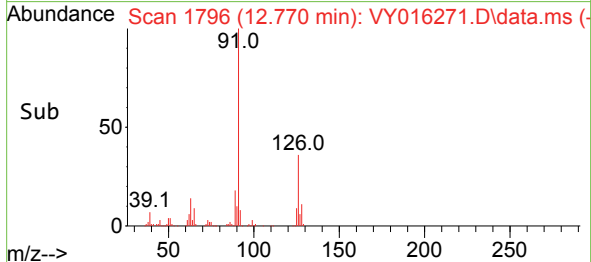
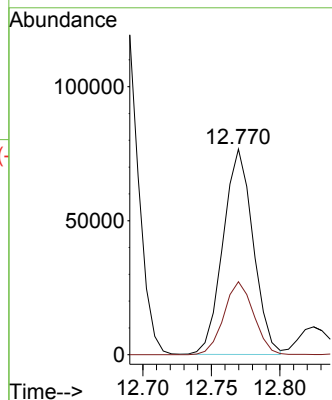
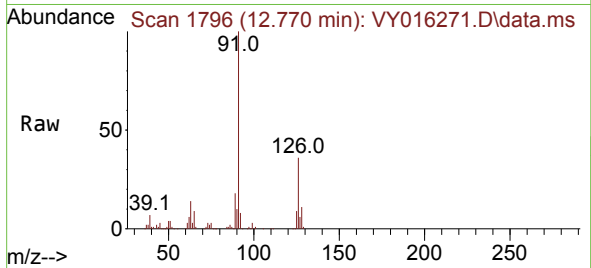




#79
2-Chlorotoluene
Concen: 20.165 ug/l
RT: 12.770 min Scan# 117078
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

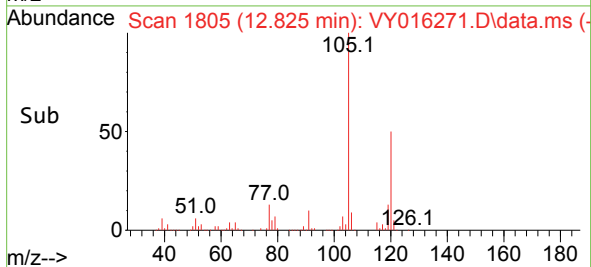
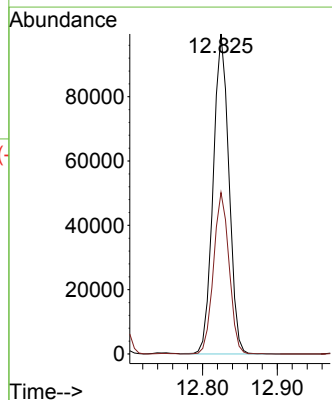
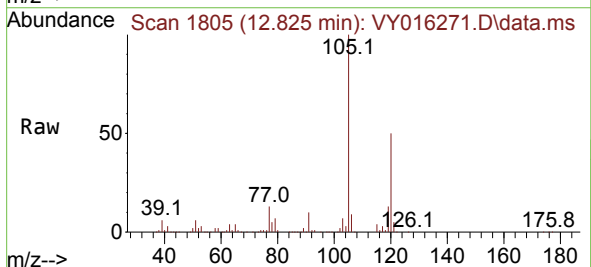
Instrument :
MSVOA_Y
ClientSampleId :

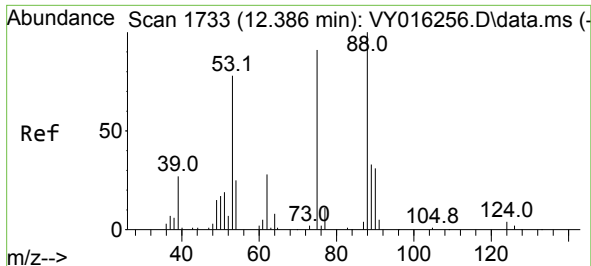
Tgt Ion: 91 Resp: 117078
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.267 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 105 Resp: 145671
Ion Ratio Lower Upper
105 100
120 49.8 23.9 71.7

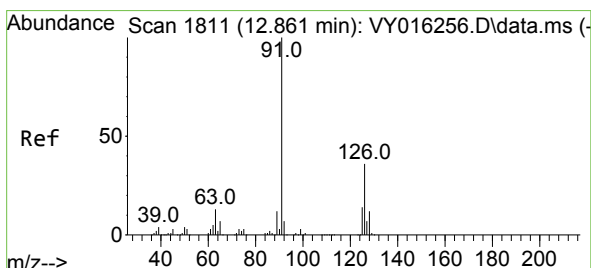
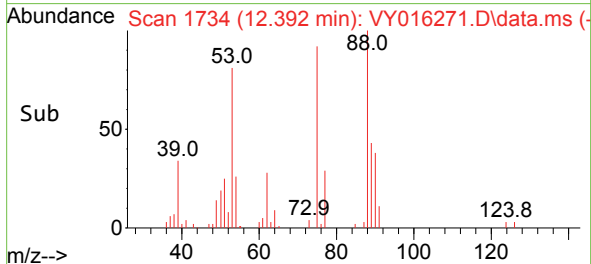
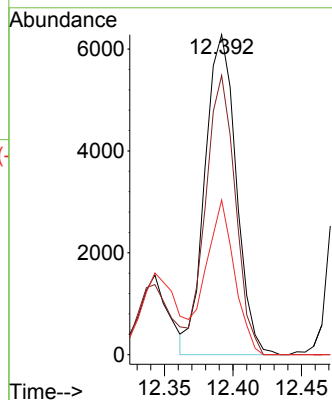
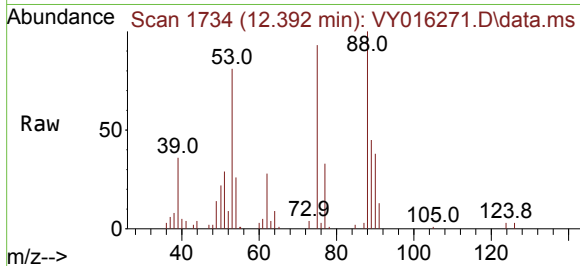




#81
trans-1,4-Dichloro-2-butene
Concen: 20.455 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

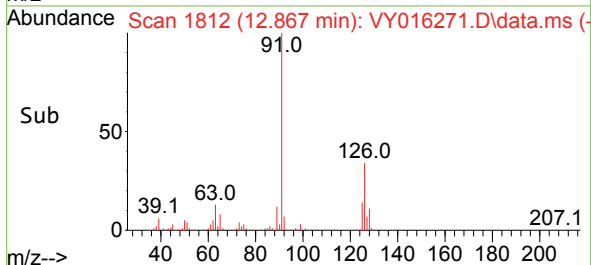
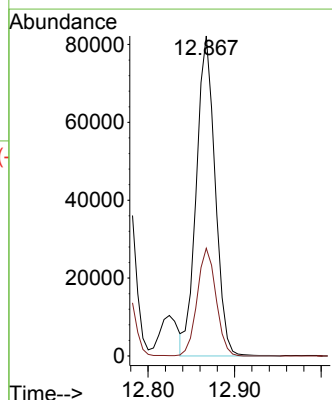
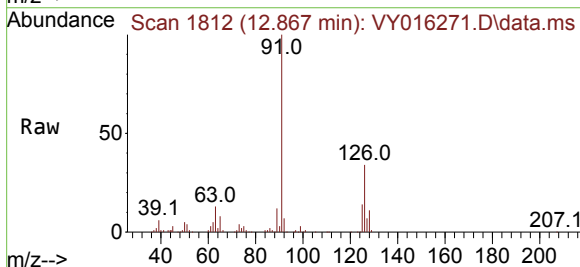
Instrument :
MSVOA_Y
ClientSampleId :

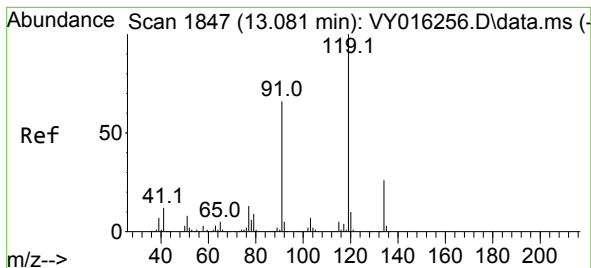
Tgt Ion: 75 Resp: 9952
Ion Ratio Lower Upper
75 100
53 82.0 77.8 116.8
89 44.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.592 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016271.D
Acq: 09 Nov 2023 10:41

Tgt Ion: 91 Resp: 123542
Ion Ratio Lower Upper
91 100
126 33.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.076 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

ClientSampleId :

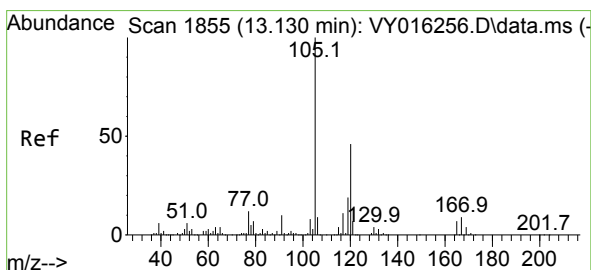
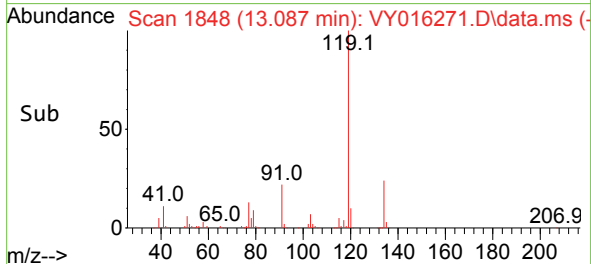
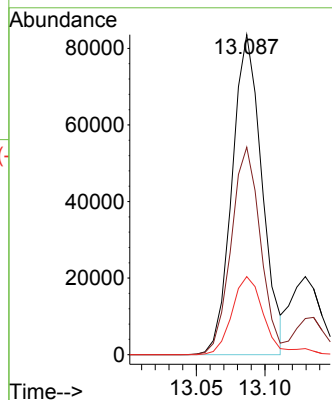
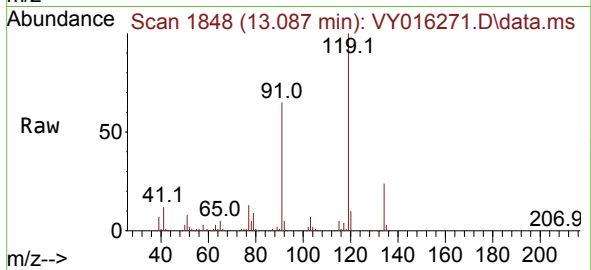
Tgt Ion:119 Resp: 127099

Ion Ratio Lower Upper

119 100

91 63.6 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.335 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016271.D

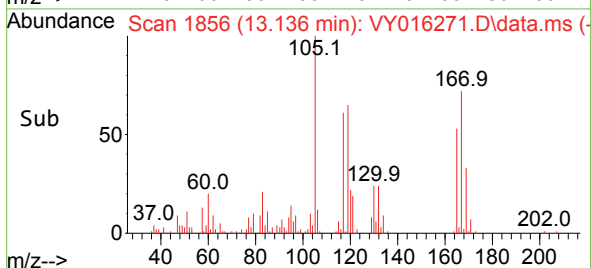
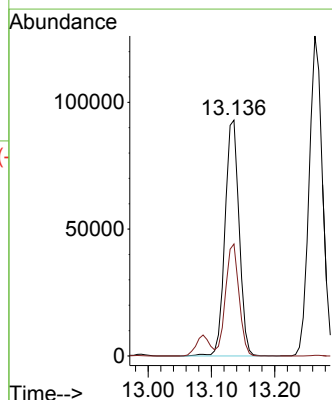
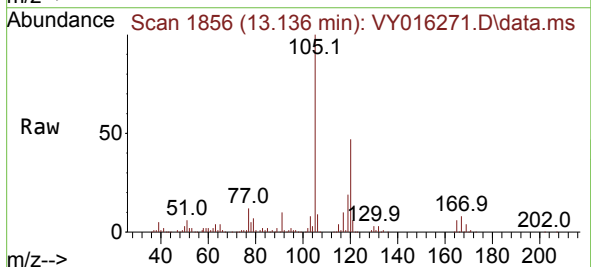
Acq: 09 Nov 2023 10:41

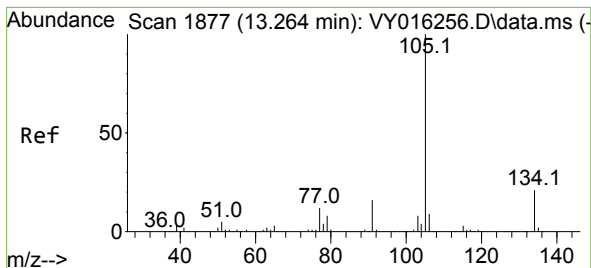
Tgt Ion:105 Resp: 143915

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.367 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

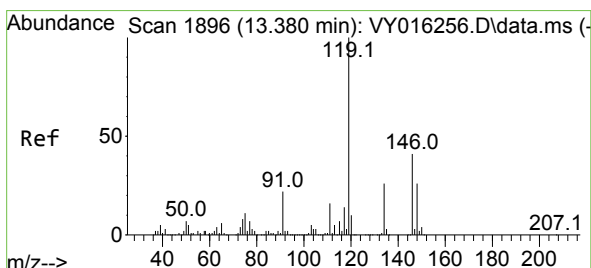
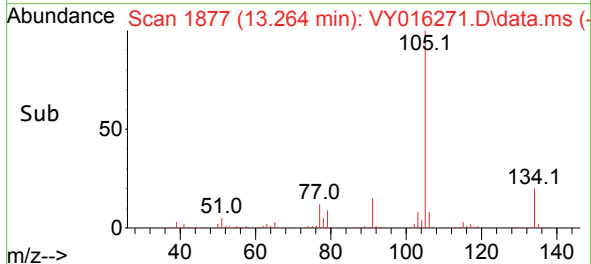
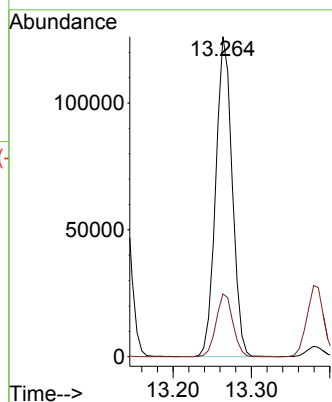
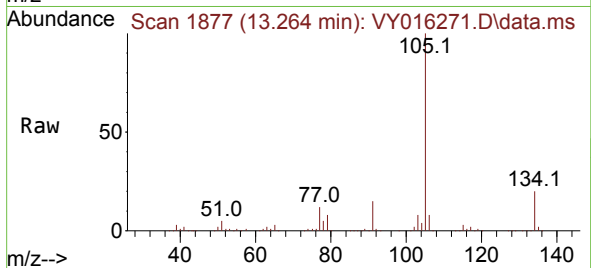
ClientSampleId :

Tgt Ion:105 Resp: 184211

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.539 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

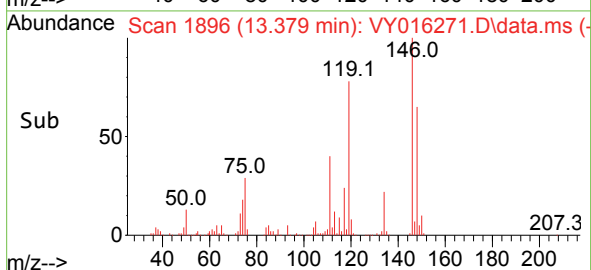
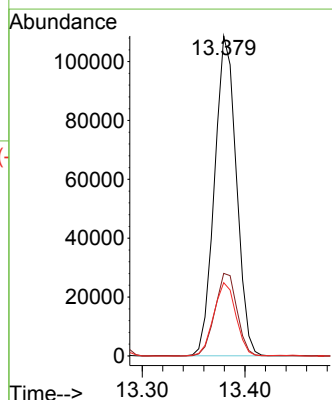
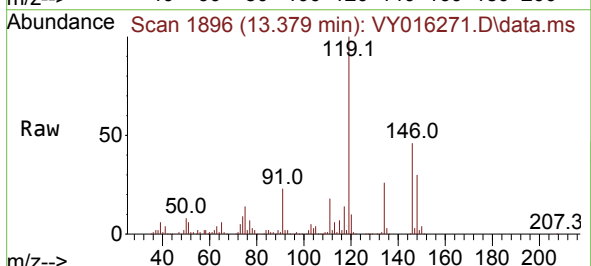
Tgt Ion:119 Resp: 159956

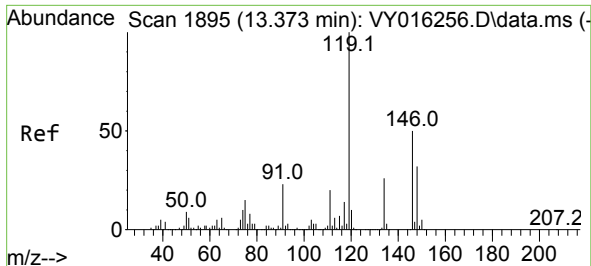
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.5 12.4 37.4

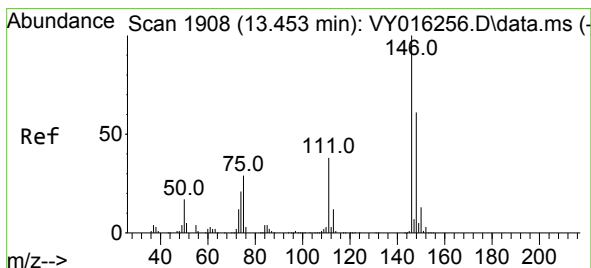
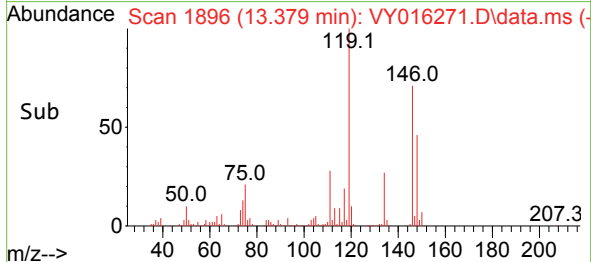
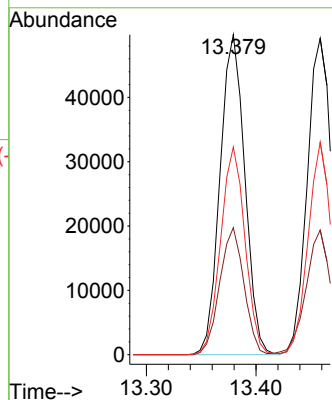
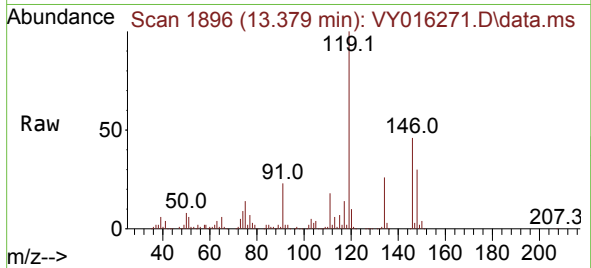




#87
 1,3-Dichlorobenzene
 Concen: 20.185 ug/l
 RT: 13.379 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY016271.D
 Acq: 09 Nov 2023 10:41

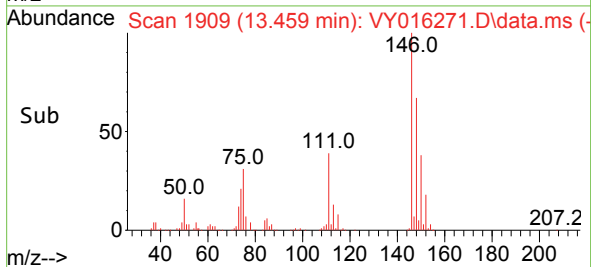
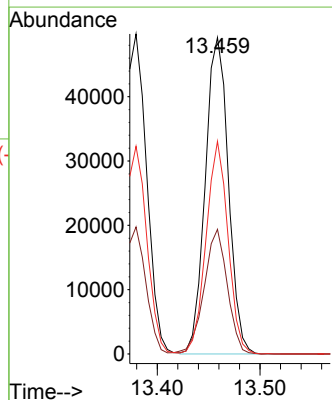
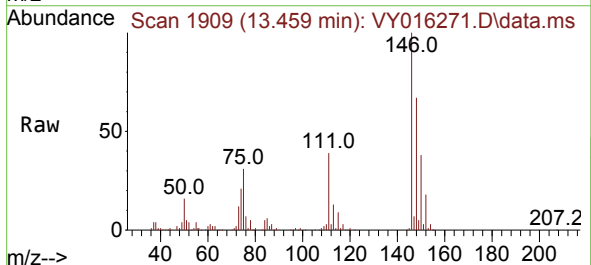
Instrument :
 MSVOA_Y
 ClientSampleId :

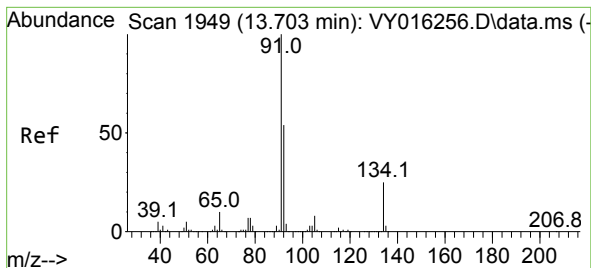
Tgt Ion:146 Resp: 78245
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.2
 148 64.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.280 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY016271.D
 Acq: 09 Nov 2023 10:41

Tgt Ion:146 Resp: 76829
 Ion Ratio Lower Upper
 146 100
 111 39.8 18.9 56.7
 148 63.8 32.1 96.5





#89

n-Butylbenzene

Concen: 20.558 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

ClientSampleId :

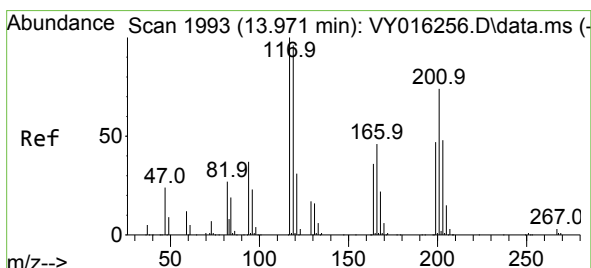
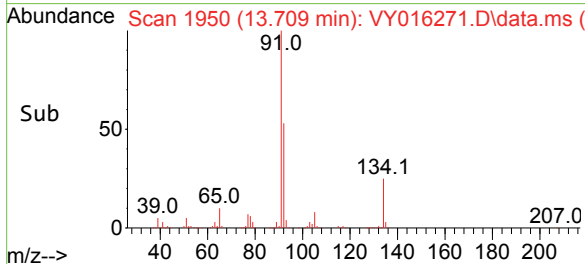
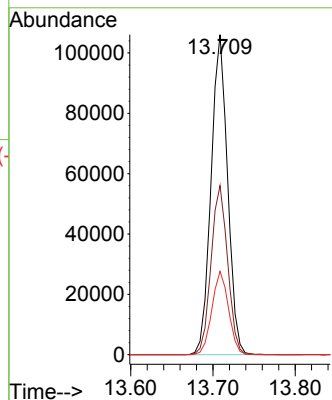
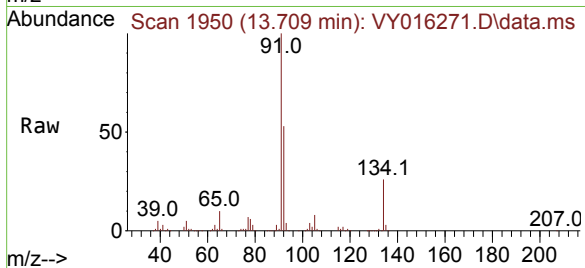
Tgt Ion: 91 Resp: 147863

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 26.2 12.6 37.6



#90

Hexachloroethane

Concen: 19.845 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016271.D

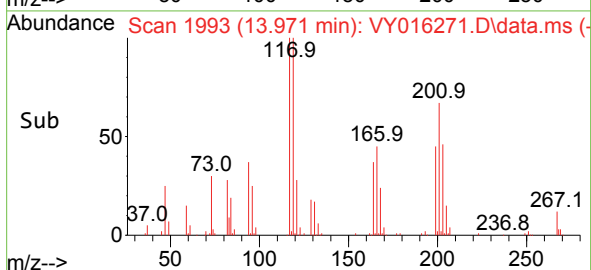
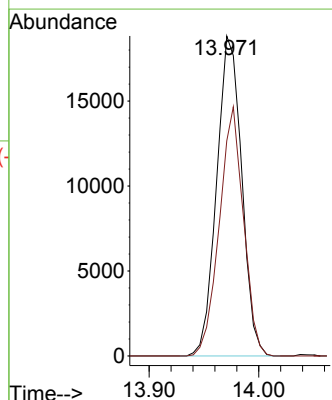
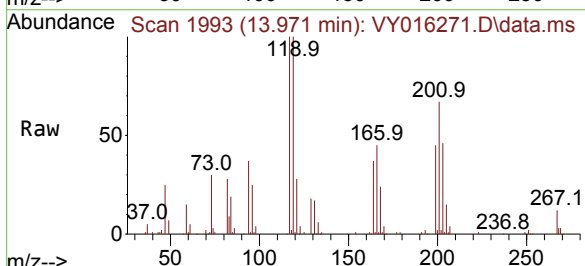
Acq: 09 Nov 2023 10:41

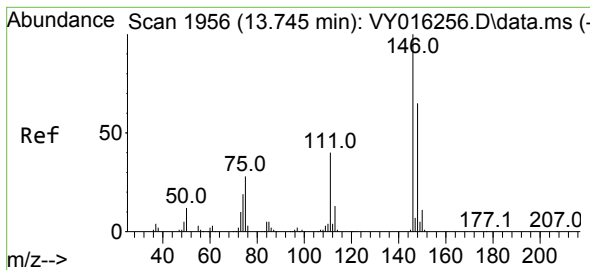
Tgt Ion: 117 Resp: 29814

Ion Ratio Lower Upper

117 100

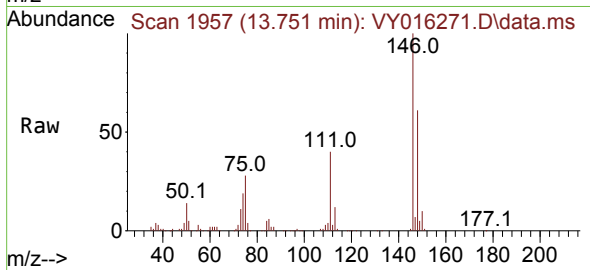
201 75.3 41.6 124.8



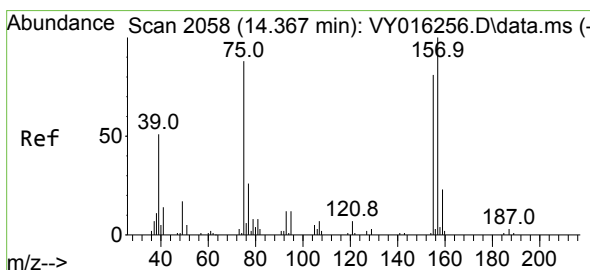
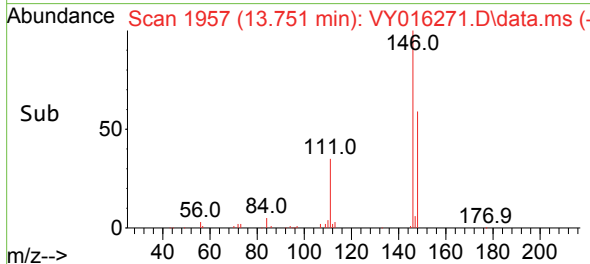
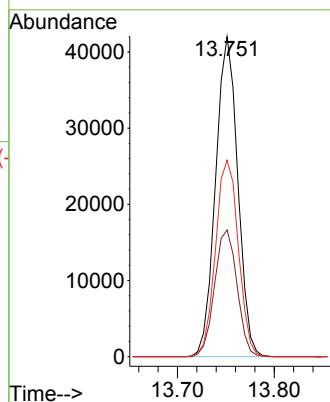


#91
 1,2-Dichlorobenzene
 Concen: 20.117 ug/l
 RT: 13.751 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VY016271.D
 Acq: 09 Nov 2023 10:41

Instrument :
 MSVOA_Y
 ClientSampleId :

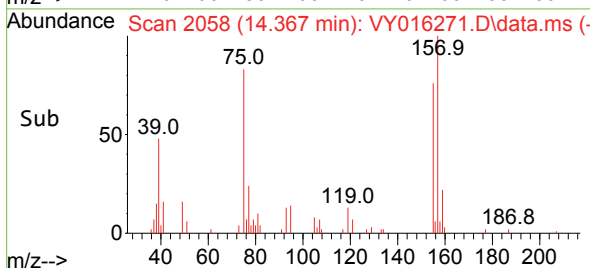
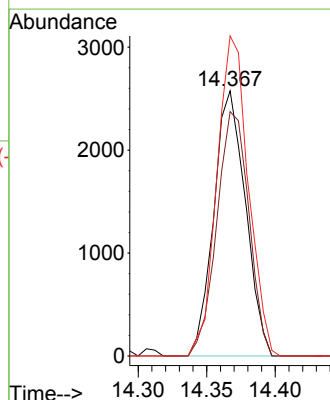
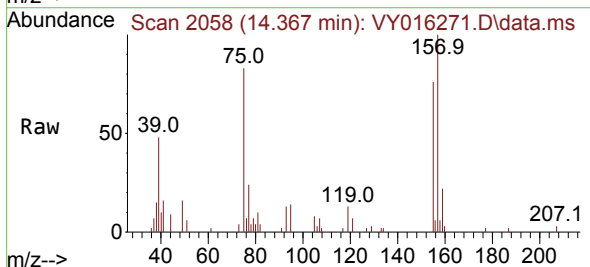


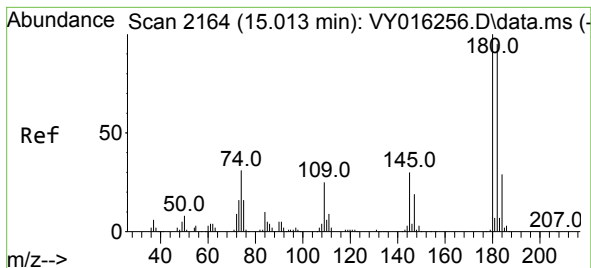
Tgt Ion:146 Resp: 66823
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.7 59.0
 148 63.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.177 ug/l
 RT: 14.367 min Scan# 2058
 Delta R.T. -0.000 min
 Lab File: VY016271.D
 Acq: 09 Nov 2023 10:41

Tgt Ion: 75 Resp: 4137
 Ion Ratio Lower Upper
 75 100
 155 93.2 41.5 124.6
 157 120.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.810 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

ClientSampleId :

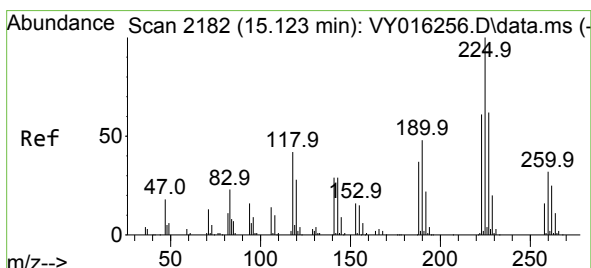
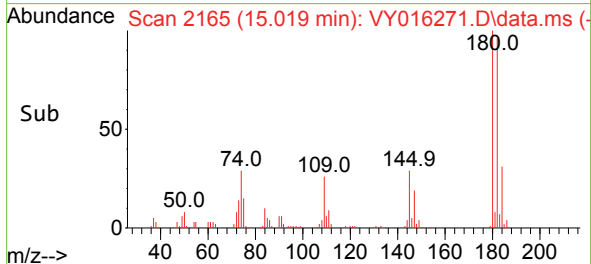
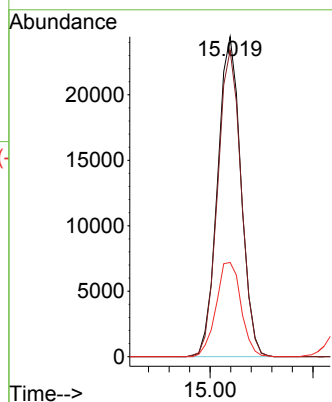
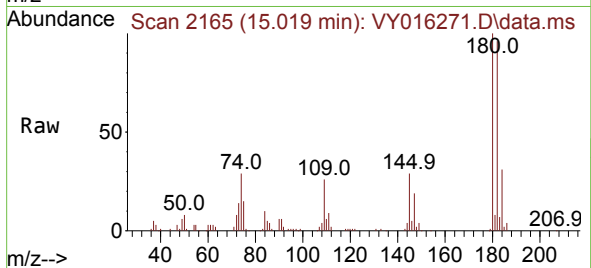
Tgt Ion:180 Resp: 38409

Ion Ratio Lower Upper

180 100

182 96.3 47.0 141.2

145 31.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.503 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

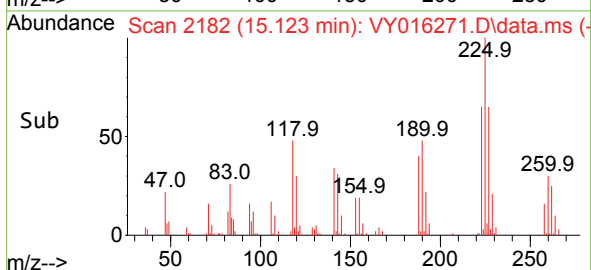
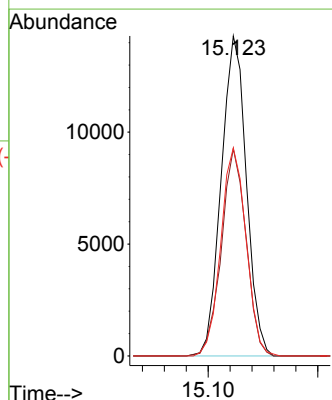
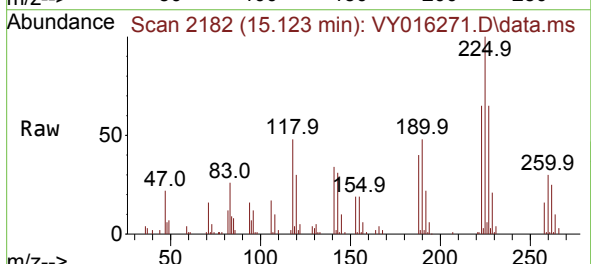
Tgt Ion:225 Resp: 22774

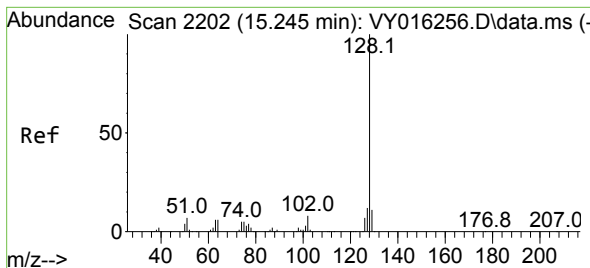
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.9

227 65.2 33.0 98.9





#95

Naphthalene

Concen: 19.756 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016271.D

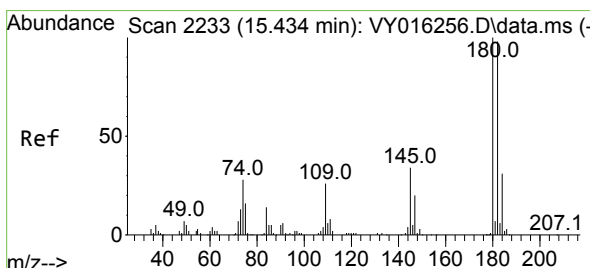
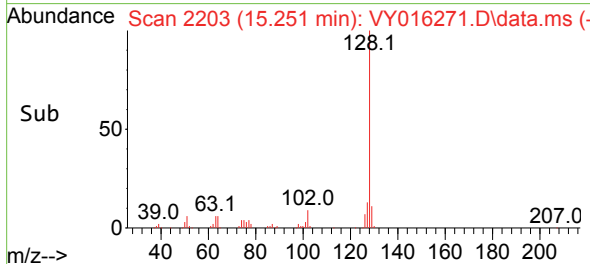
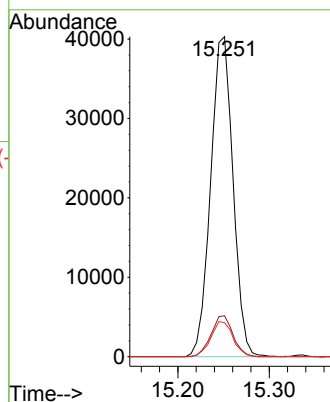
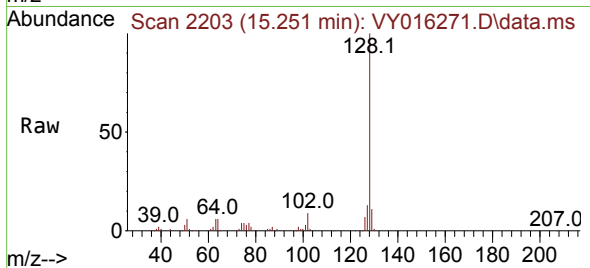
Acq: 09 Nov 2023 10:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 68508
Ion Ratio	Lower Upper
128 100	
127 12.6	10.8 16.2
129 10.9	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.095 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016271.D

Acq: 09 Nov 2023 10:41

Tgt Ion:180	Resp: 32225
Ion Ratio	Lower Upper
180 100	
182 93.6	47.3 141.8
145 32.3	15.4 46.2

