

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016720.D
 Acq On : 20 Dec 2023 01:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 20 06:44:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	144429	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	218821	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	190486	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	90560	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	61443	51.433	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.860%	
35) Dibromofluoromethane	7.746	113	66251	51.406	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.820%	
50) Toluene-d8	10.203	98	240762	51.584	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.160%	
62) 4-Bromofluorobenzene	12.501	95	67336	50.739	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.480%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	51017	49.970	ug/l	99
3) Chloromethane	2.125	50	102453	56.868	ug/l	100
4) Vinyl Chloride	2.265	62	142830	51.204	ug/l	100
5) Bromomethane	2.668	94	122674	50.686	ug/l	99
6) Chloroethane	2.814	64	103998	49.810	ug/l	94
7) Trichlorofluoromethane	3.149	101	118174	48.335	ug/l	98
8) Diethyl Ether	3.552	74	34569	52.821	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.930	101	64838	48.880	ug/l	94
10) Methyl Iodide	4.119	142	81673	54.218	ug/l	97
11) Tert butyl alcohol	4.984	59	16785	220.847	ug/l	98
12) 1,1-Dichloroethene	3.899	96	60758	50.502	ug/l	97
13) Acrolein	3.747	56	13972	229.360	ug/l	98
14) Allyl chloride	4.509	41	75549	50.292	ug/l #	84
15) Acrylonitrile	5.192	53	65275	249.126	ug/l	97
16) Acetone	3.966	43	52454	213.844	ug/l	95
17) Carbon Disulfide	4.222	76	167794	52.114	ug/l	98
18) Methyl Acetate	4.503	43	56818	54.891	ug/l	99
19) Methyl tert-butyl Ether	5.253	73	154905	53.301	ug/l	99
20) Methylene Chloride	4.747	84	77041	60.189	ug/l	98
21) trans-1,2-Dichloroethene	5.253	96	73993	54.382	ug/l	98
22) Diisopropyl ether	6.149	45	186387	54.209	ug/l	93
23) Vinyl Acetate	6.088	43	416912	247.973	ug/l	97
24) 1,1-Dichloroethane	6.051	63	126811	53.556	ug/l	100
25) 2-Butanone	7.015	43	76817	236.599	ug/l	99
26) 2,2-Dichloropropane	7.015	77	105700	49.155	ug/l	97
27) cis-1,2-Dichloroethene	7.015	96	85929	55.875	ug/l	99
28) Bromochloromethane	7.362	49	50098	58.266	ug/l	96
29) Tetrahydrofuran	7.380	42	48979	253.238	ug/l	99
30) Chloroform	7.533	83	137538	54.141	ug/l	99
31) Cyclohexane	7.813	56	90673	46.372	ug/l	96
32) 1,1,1-Trichloroethane	7.728	97	117918	52.275	ug/l	95
36) 1,1-Dichloropropene	7.947	75	97304	49.913	ug/l	98
37) Ethyl Acetate	7.106	43	35628	47.717	ug/l	94
38) Carbon Tetrachloride	7.929	117	108068	51.377	ug/l	99
39) Methylcyclohexane	9.209	83	110929	49.423	ug/l	97
40) Benzene	8.185	78	294396	52.561	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.374	41	49550	124.954	ug/l	# 29
42) 1,2-Dichloroethane	8.264	62	83699	52.809	ug/l	96
43) Isopropyl Acetate	8.295	43	69797	48.671	ug/l	97
44) Trichloroethene	8.965	130	80948	52.516	ug/l	94
45) 1,2-Dichloropropane	9.240	63	70625	52.754	ug/l	97
46) Dibromomethane	9.331	93	39876	52.746	ug/l	98
47) Bromodichloromethane	9.520	83	105140	53.265	ug/l	98
48) Methyl methacrylate	9.313	41	39039	50.174	ug/l	# 87
49) 1,4-Dioxane	9.325	88	6932	995.902	ug/l	# 80
51) 4-Methyl-2-Pentanone	10.093	43	183377	249.136	ug/l	95
52) Toluene	10.264	92	182219	53.171	ug/l	95
53) t-1,3-Dichloropropene	10.490	75	93072	52.660	ug/l	100
54) cis-1,3-Dichloropropene	9.953	75	109768	52.415	ug/l	# 92
55) 1,1,2-Trichloroethane	10.666	97	54122	51.825	ug/l	96
56) Ethyl methacrylate	10.532	69	44354	52.193	ug/l	# 91
57) 1,3-Dichloropropane	10.813	76	91056	52.842	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	129318	222.875	ug/l	96
59) 2-Hexanone	10.849	43	120250	224.237	ug/l	94
60) Dibromochloromethane	11.008	129	69806	55.054	ug/l	100
61) 1,2-Dibromoethane	11.111	107	49053	52.154	ug/l	98
64) Tetrachloroethene	10.740	164	72436	55.129	ug/l	98
65) Chlorobenzene	11.538	112	198973	52.746	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	77566	53.075	ug/l	99
67) Ethyl Benzene	11.611	91	355994	52.824	ug/l	98
68) m/p-Xylenes	11.721	106	271625	106.329	ug/l	100
69) o-Xylene	12.050	106	125749	53.885	ug/l	100
70) Styrene	12.062	104	181373	53.826	ug/l	98
71) Bromoform	12.227	173	39759	52.526	ug/l	# 98
73) Isopropylbenzene	12.349	105	333389	53.244	ug/l	99
74) N-amyl acetate	12.160	43	54131	47.776	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.599	83	57759	49.574	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	67822	86.156	ug/l	# 100
77) Bromobenzene	12.629	156	80980	53.637	ug/l	96
78) n-propylbenzene	12.690	91	393057	52.949	ug/l	99
79) 2-Chlorotoluene	12.776	91	208303	52.386	ug/l	97
80) 1,3,5-Trimethylbenzene	12.831	105	265767	54.164	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	15999	46.631	ug/l	# 87
82) 4-Chlorotoluene	12.873	91	214473	52.161	ug/l	97
83) tert-Butylbenzene	13.093	119	236842	53.643	ug/l	98
84) 1,2,4-Trimethylbenzene	13.142	105	265504	53.982	ug/l	99
85) sec-Butylbenzene	13.270	105	337519	53.009	ug/l	100
86) p-Isopropyltoluene	13.385	119	297655	53.471	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	155973	52.206	ug/l	98
88) 1,4-Dichlorobenzene	13.465	146	150045	52.423	ug/l	99
89) n-Butylbenzene	13.715	91	264304	51.940	ug/l	98
90) Hexachloroethane	13.977	117	59562	53.688	ug/l	99
91) 1,2-Dichlorobenzene	13.757	146	130983	53.365	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.373	75	6843	44.795	ug/l	98
93) 1,2,4-Trichlorobenzene	15.025	180	74401	50.710	ug/l	99
94) Hexachlorobutadiene	15.129	225	48202	51.981	ug/l	99
95) Naphthalene	15.251	128	116385	49.555	ug/l	98
96) 1,2,3-Trichlorobenzene	15.440	180	61776	49.782	ug/l	98

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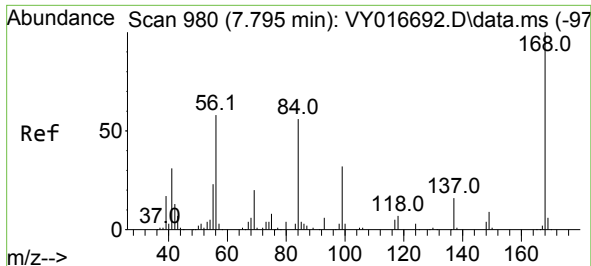
Quant Time: Dec 20 06:44:39 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

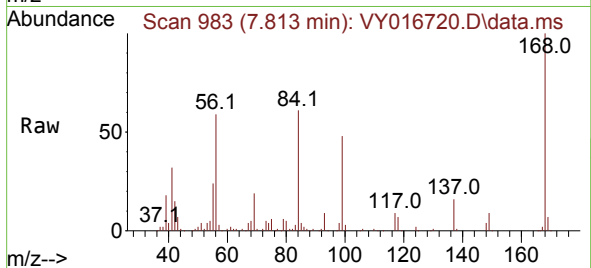
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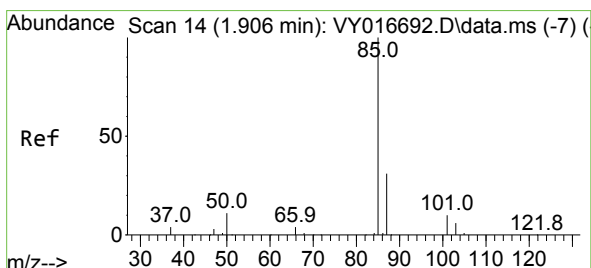
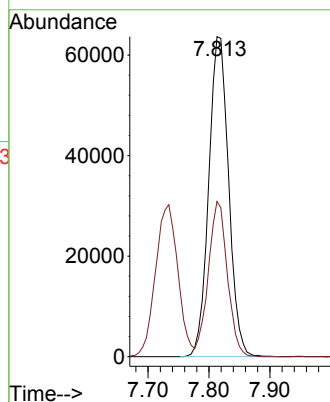
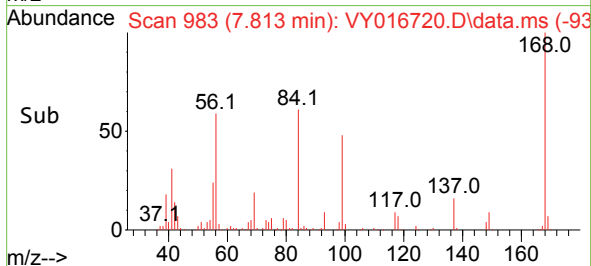


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016720.D
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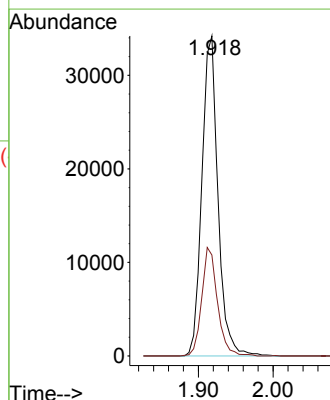
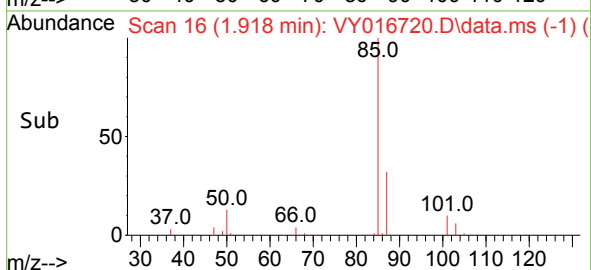
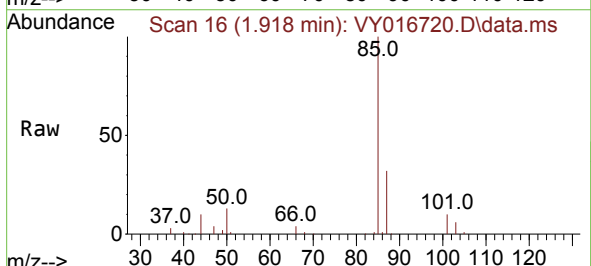


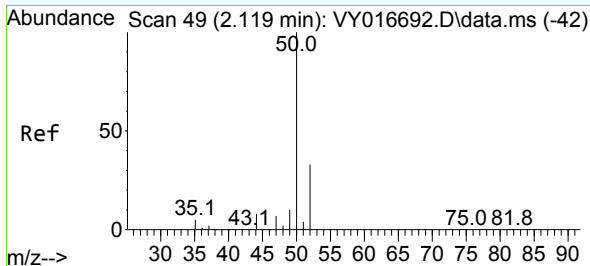
Tgt Ion:168 Resp: 144429
Ion Ratio Lower Upper
168 100
99 48.5 40.2 60.4



#2
Dichlorodifluoromethane
Concen: 49.970 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 85 Resp: 51017
Ion Ratio Lower Upper
85 100
87 31.6 15.6 46.8

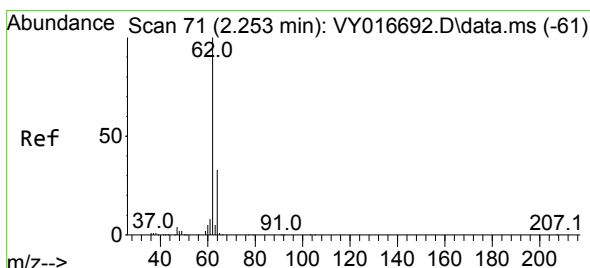
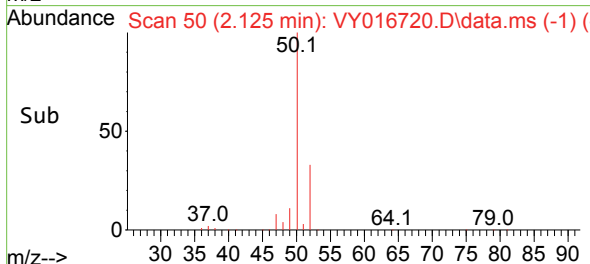
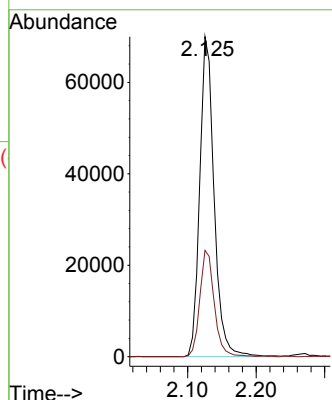
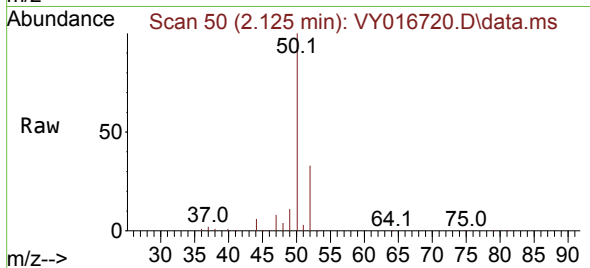




#3
Chloromethane
Concen: 56.868 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

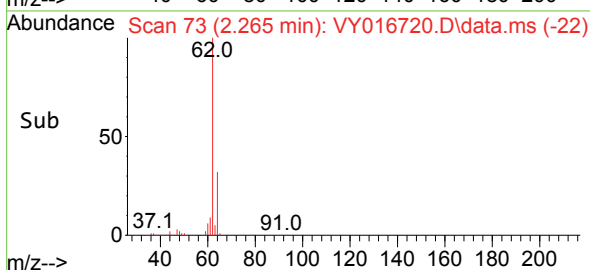
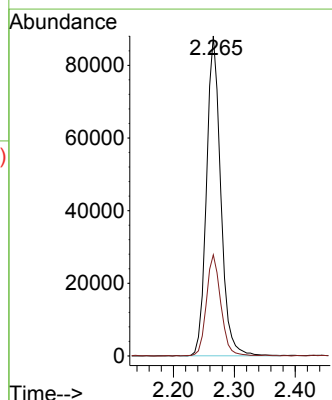
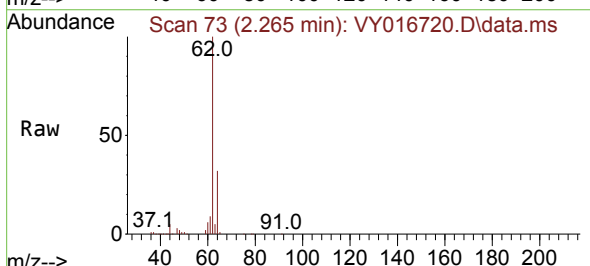
Instrument :
MSVOA_Y
ClientSampleId :

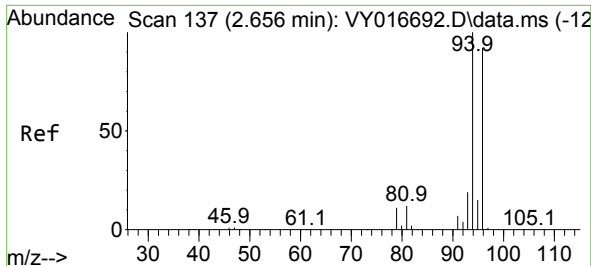
Tgt Ion: 50 Resp: 102453
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0



#4
Vinyl Chloride
Concen: 51.204 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 62 Resp: 142830
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.2





#5

Bromomethane

Concen: 50.686 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

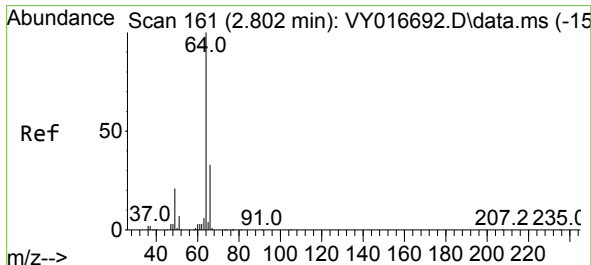
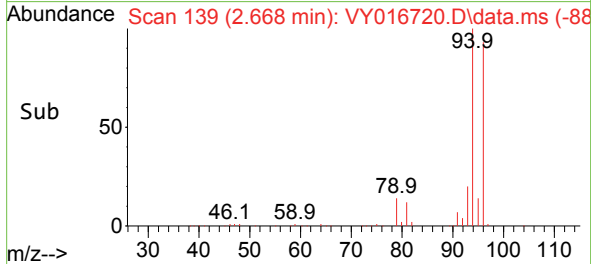
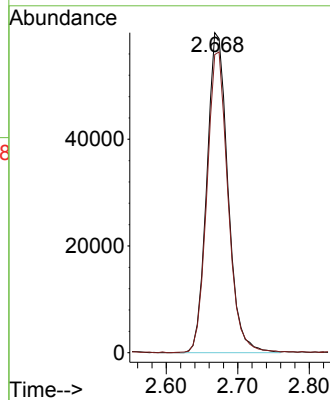
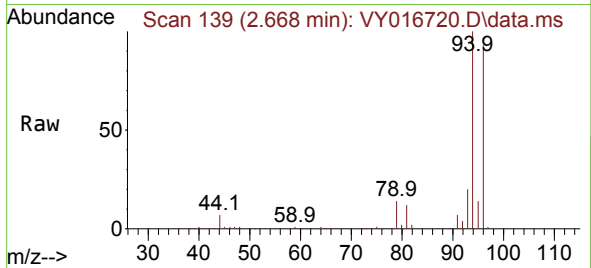
ClientSampleId :

Tgt Ion: 94 Resp: 122674

Ion Ratio Lower Upper

94 100

96 93.0 74.0 111.0



#6

Chloroethane

Concen: 49.810 ug/l

RT: 2.814 min Scan# 163

Delta R.T. 0.012 min

Lab File: VY016720.D

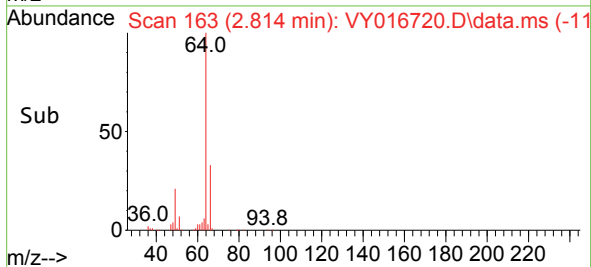
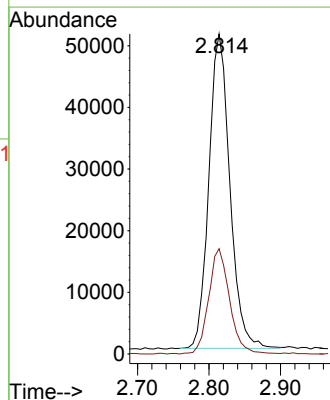
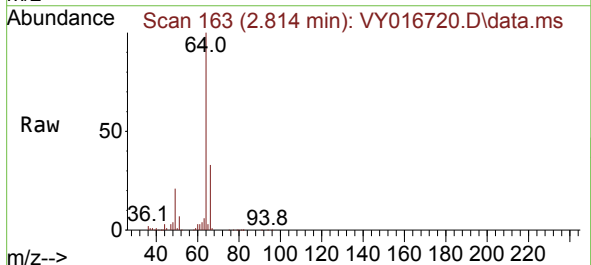
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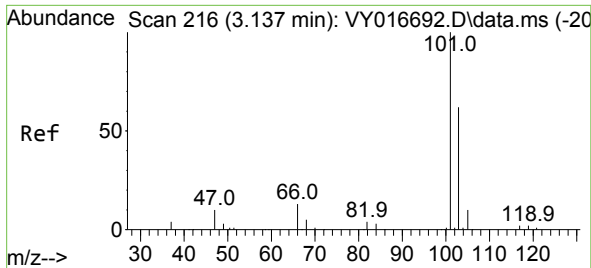
Tgt Ion: 64 Resp: 103998

Ion Ratio Lower Upper

64 100

66 33.5 24.0 36.0

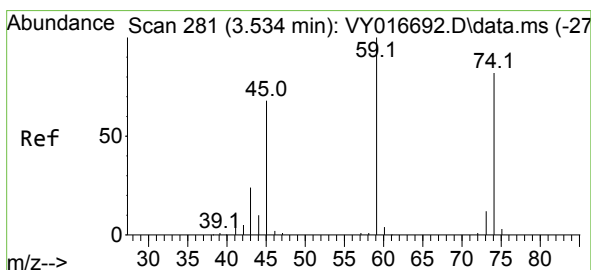
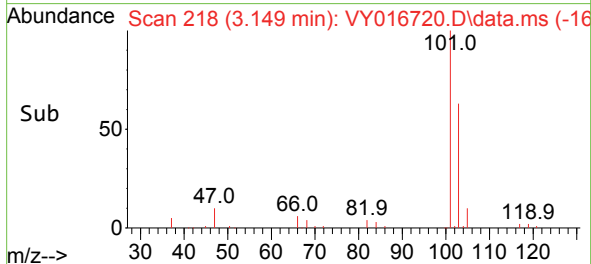
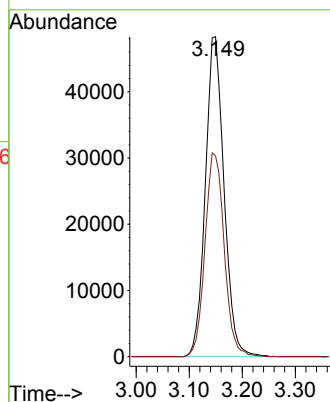
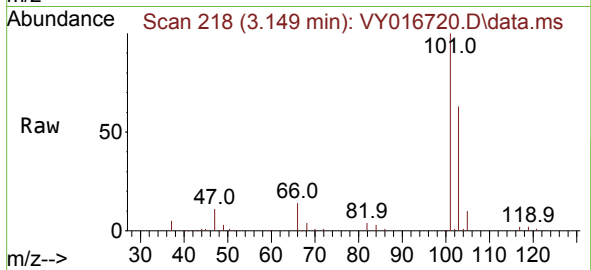




#7
 Trichlorofluoromethane
 Concen: 48.335 ug/l
 RT: 3.149 min Scan# 216
 Delta R.T. 0.012 min
 Lab File: VY016720.D
 Acq: 20 Dec 2023 01:54

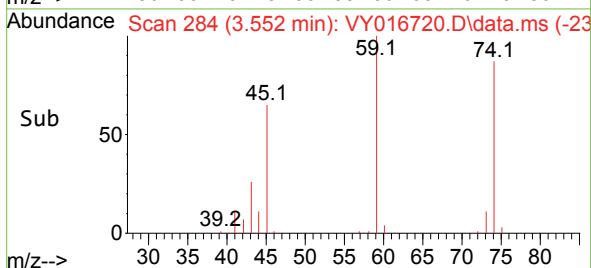
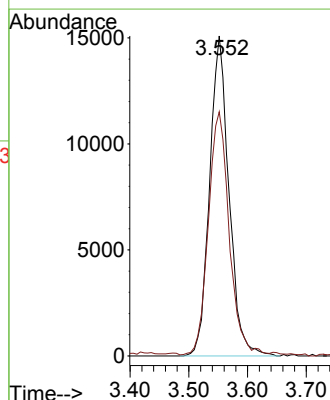
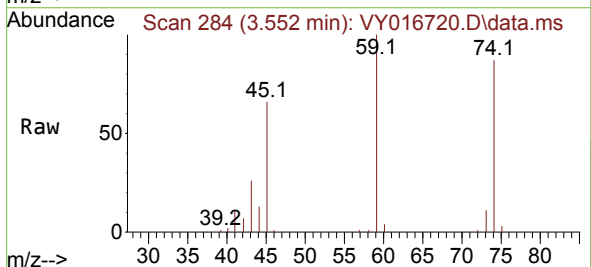
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 MSVOA_Y
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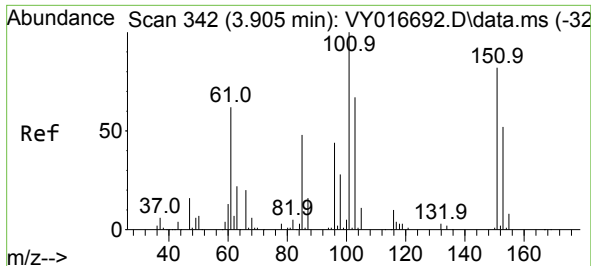
Tgt Ion:101 Resp: 118174
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.7 77.5



#8
 Diethyl Ether
 Concen: 52.821 ug/l
 RT: 3.552 min Scan# 284
 Delta R.T. 0.018 min
 Lab File: VY016720.D
 Acq: 20 Dec 2023 01:54

Tgt Ion: 74 Resp: 34569
 Ion Ratio Lower Upper
 74 100
 45 81.4 44.3 132.9

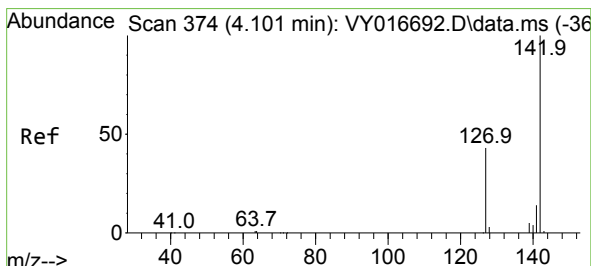
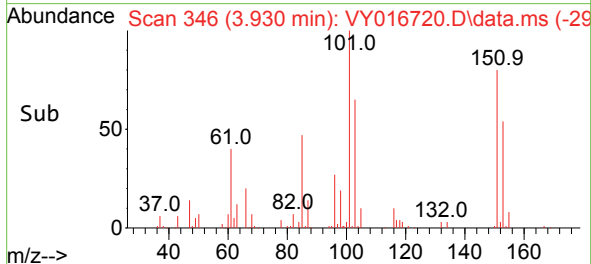
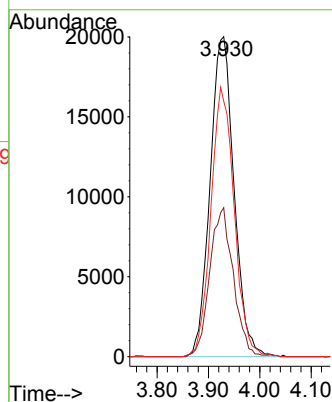
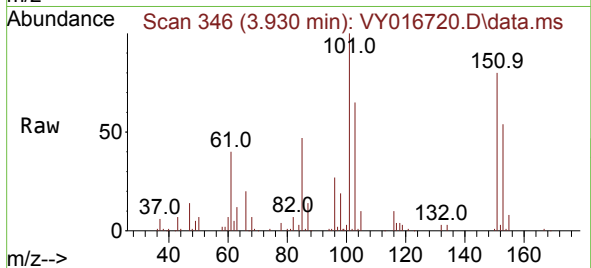




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.880 ug/l
RT: 3.930 min Scan# 34
Delta R.T. 0.024 min
Lab File: VY016720.D
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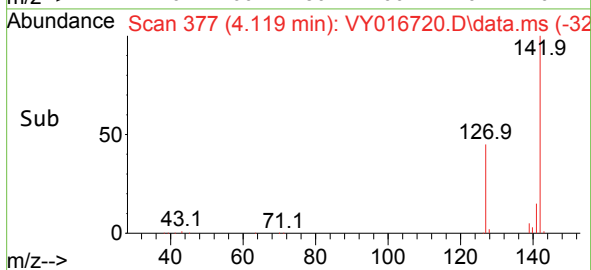
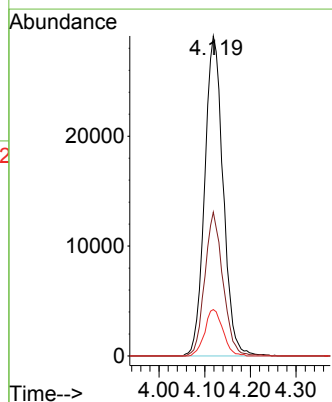
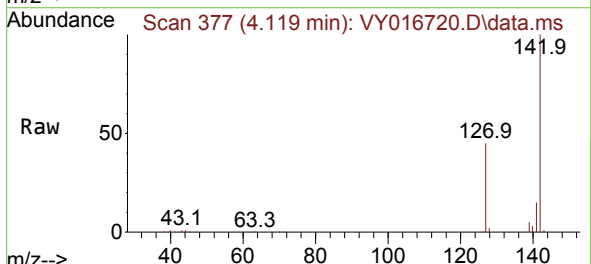
Instrument :
MSVOA_Y
ClientSampleId :

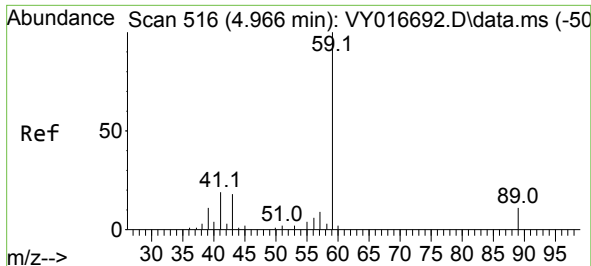
Tgt Ion:101 Resp: 64838
Ion Ratio Lower Upper
101 100
85 45.9 35.0 52.4
151 82.0 61.0 91.4



#10
Methyl Iodide
Concen: 54.218 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

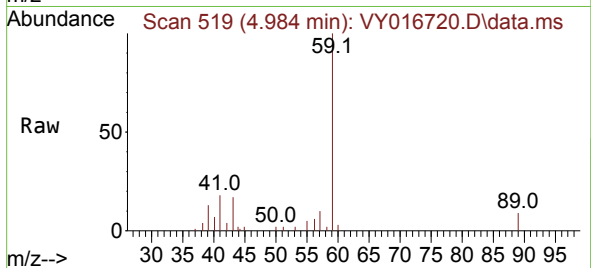
Tgt Ion:142 Resp: 81673
Ion Ratio Lower Upper
142 100
127 44.1 33.6 50.4
141 14.4 12.0 18.0



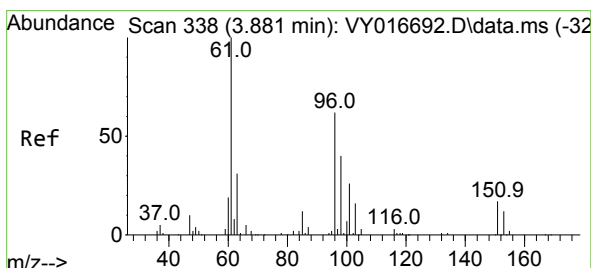
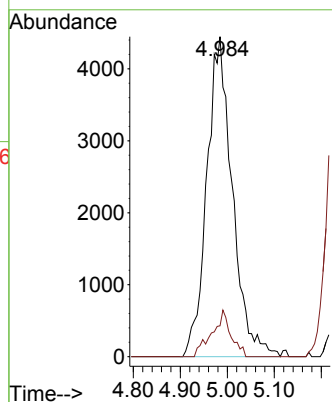
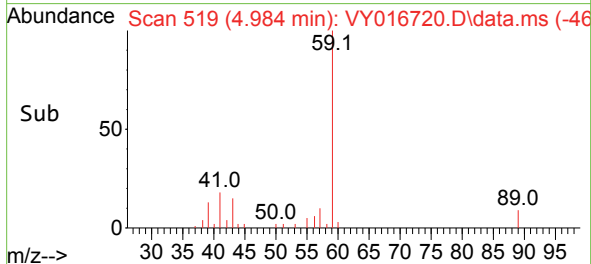


#11
Tert butyl alcohol
Concen: 220.847 ug/l
RT: 4.984 min Scan# 516
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Instrument :
MSVOA_Y
ClientSampleId :

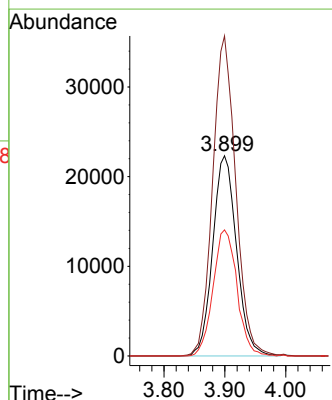
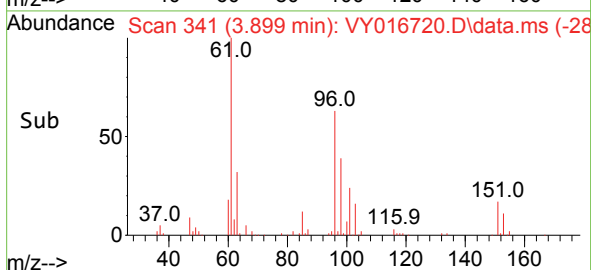
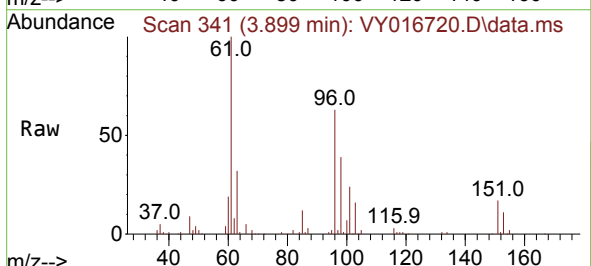


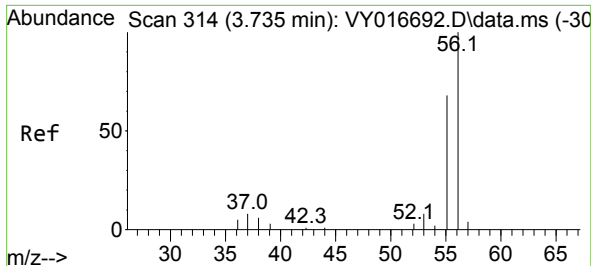
Tgt Ion: 59 Resp: 16785
Ion Ratio Lower Upper
59 100
57 10.7 7.9 11.9



#12
1,1-Dichloroethene
Concen: 50.502 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 96 Resp: 60758
Ion Ratio Lower Upper
96 100
61 159.8 123.9 185.9
98 63.0 50.1 75.1





#13

Acrolein

Concen: 229.360 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

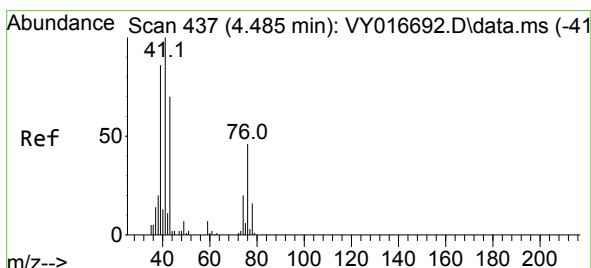
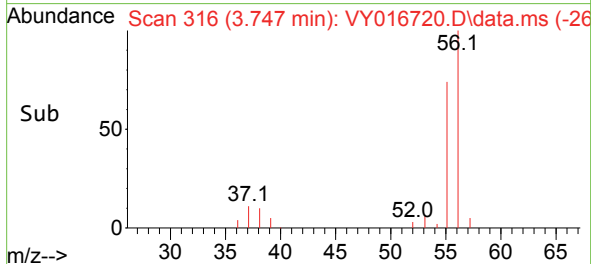
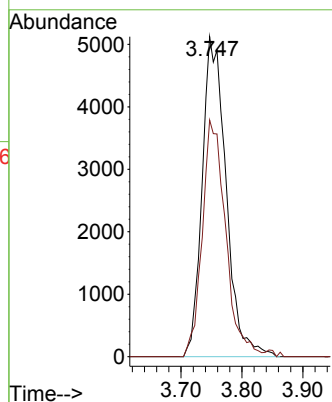
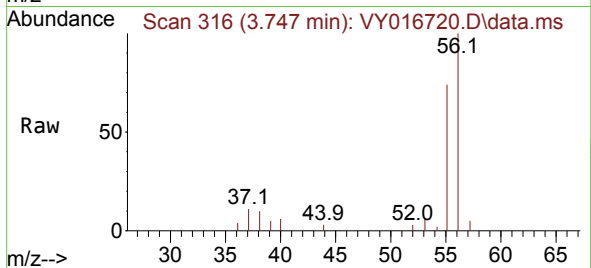
ClientSampleId :

Tgt Ion: 56 Resp: 13972

Ion Ratio Lower Upper

56 100

55 72.2 56.5 84.7



#14

Allyl chloride

Concen: 50.292 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.024 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

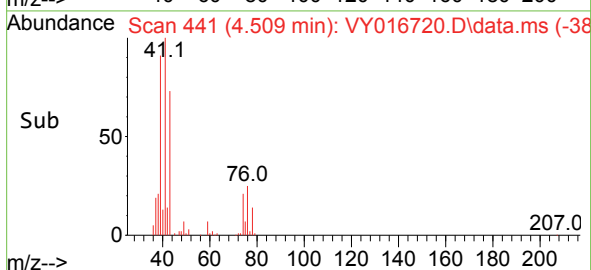
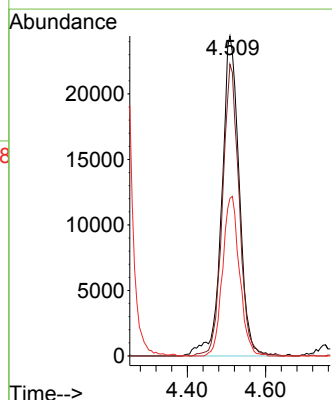
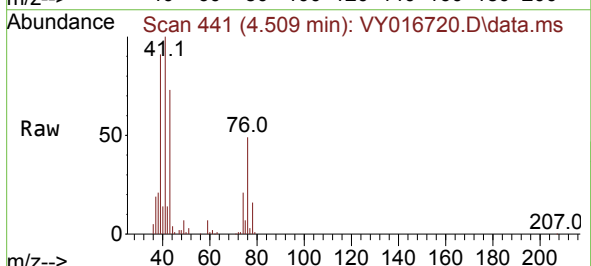
Tgt Ion: 41 Resp: 75549

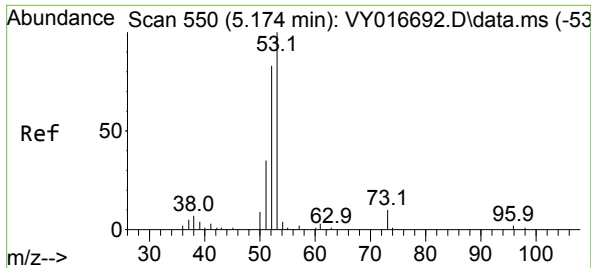
Ion Ratio Lower Upper

41 100

39 86.9 56.4 84.6#

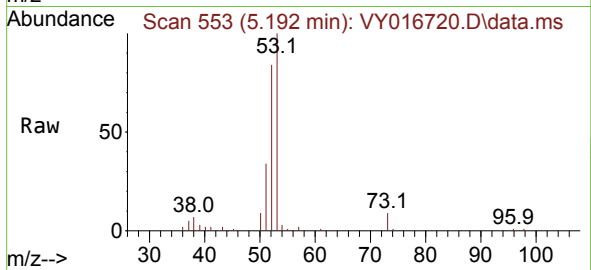
76 48.5 34.3 51.5



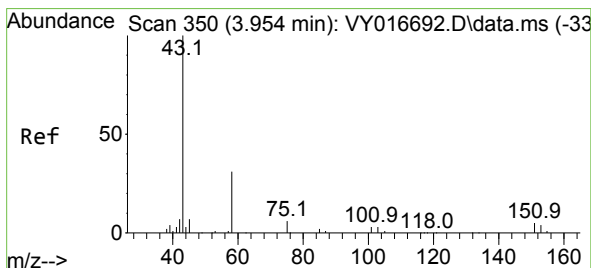
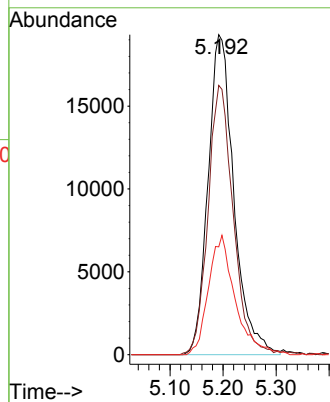
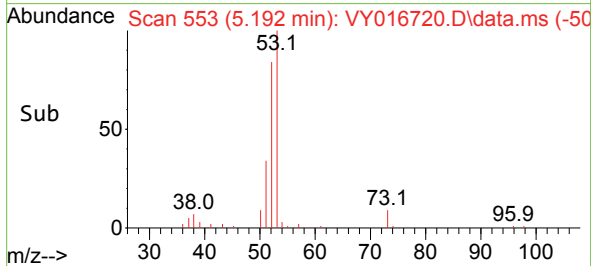


#15
Acrylonitrile
Concen: 249.126 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Instrument :
MSVOA_Y
ClientSampleId :

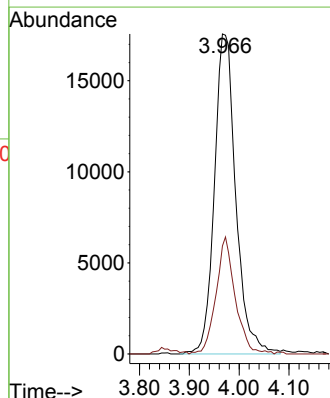
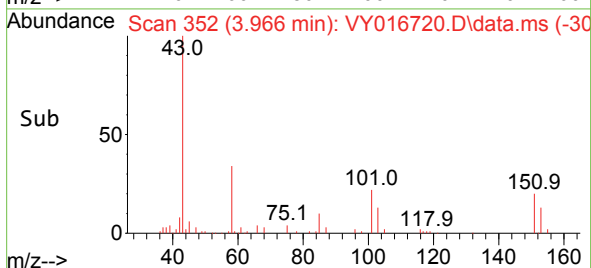
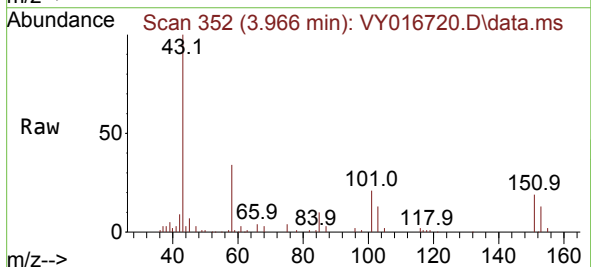


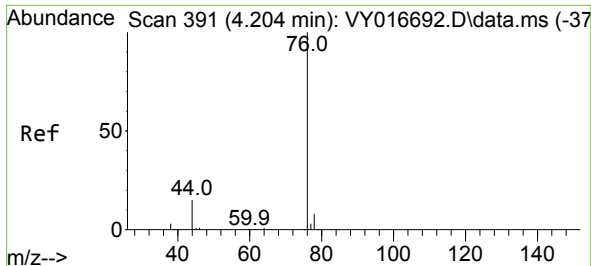
Tgt Ion: 53 Resp: 65275
Ion Ratio Lower Upper
53 100
52 82.7 64.3 96.5
51 38.6 28.3 42.5



#16
Acetone
Concen: 213.844 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 43 Resp: 52454
Ion Ratio Lower Upper
43 100
58 33.3 29.0 43.4

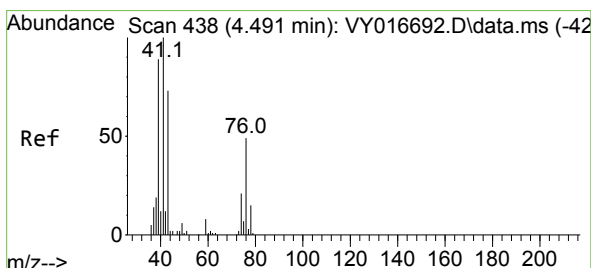
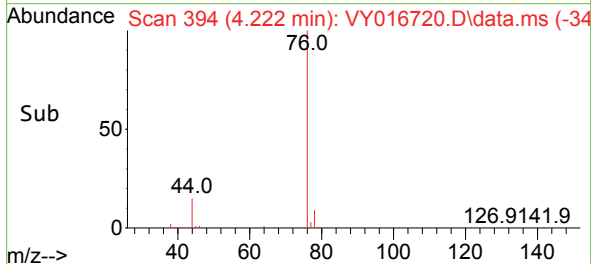
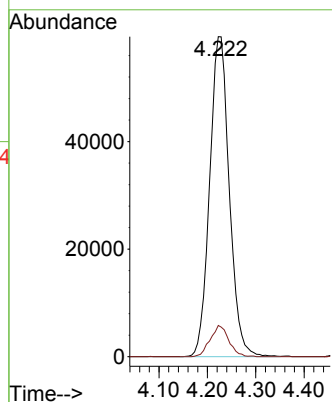
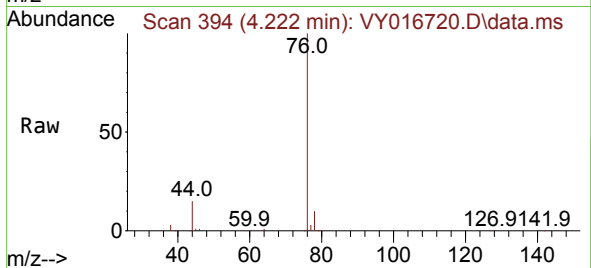




#17
Carbon Disulfide
Concen: 52.114 ug/l
RT: 4.222 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

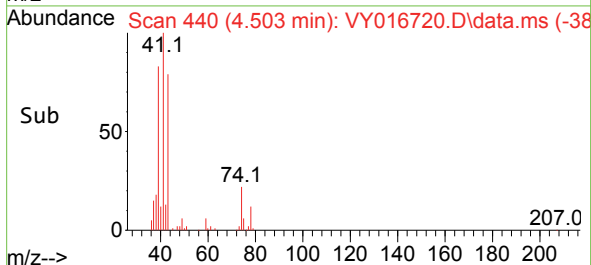
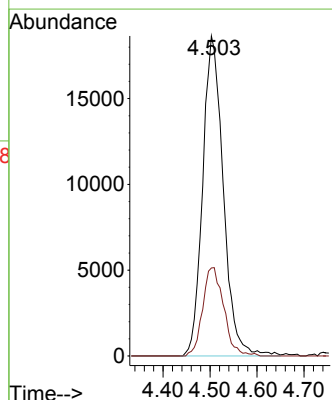
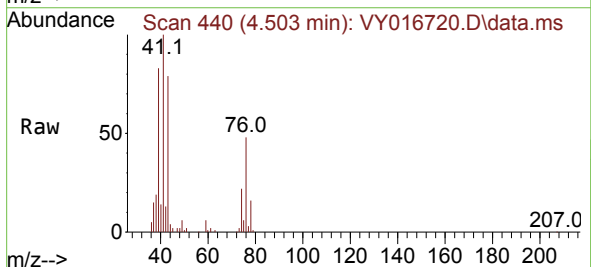
Instrument :
MSVOA_Y
ClientSampleId :

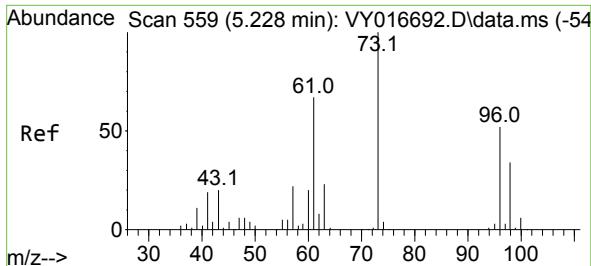
Tgt Ion: 76 Resp: 167794
Ion Ratio Lower Upper
76 100
78 9.7 7.3 10.9



#18
Methyl Acetate
Concen: 54.891 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 43 Resp: 56818
Ion Ratio Lower Upper
43 100
74 28.2 22.1 33.1

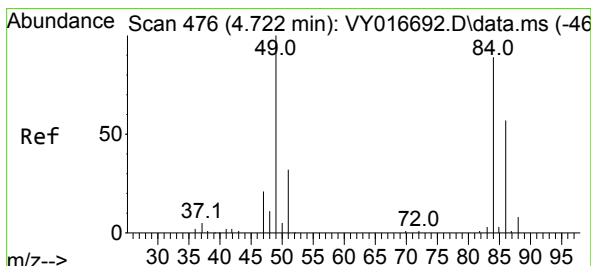
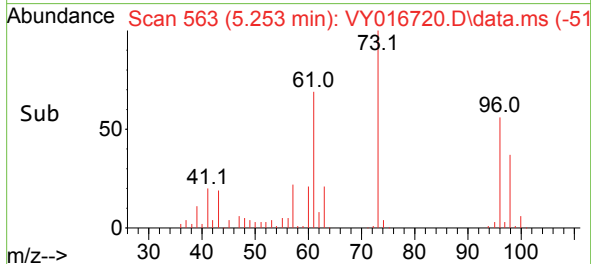
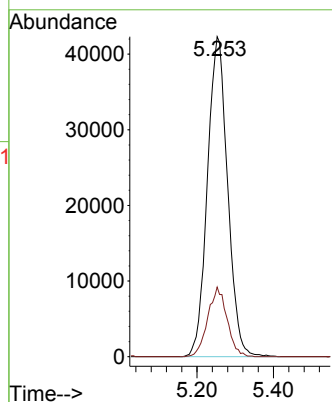
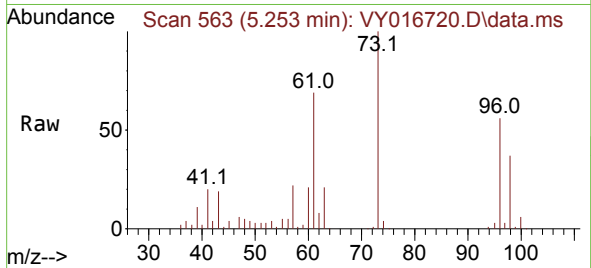




#19
Methyl tert-butyl Ether
Concen: 53.301 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

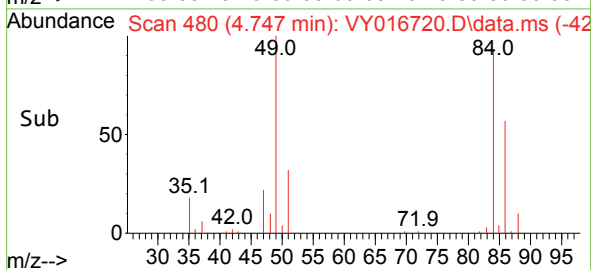
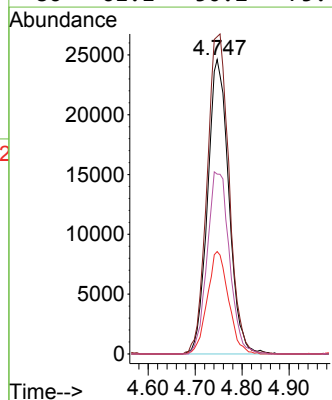
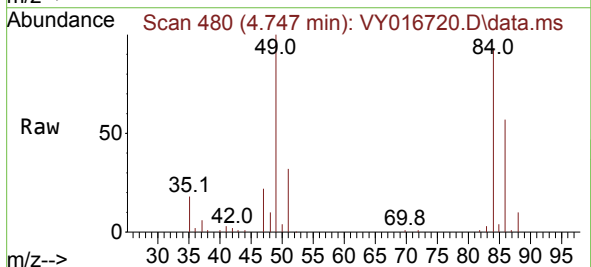
Instrument :
MSVOA_Y
ClientSampleId :

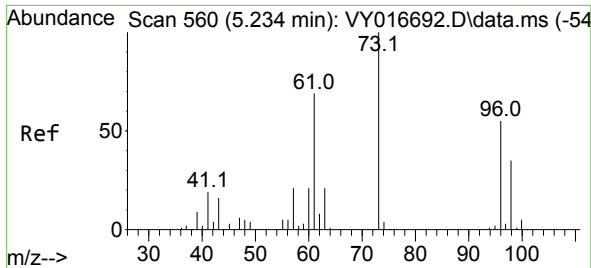
Tgt Ion: 73 Resp: 154905
Ion Ratio Lower Upper
73 100
57 21.7 17.9 26.9



#20
Methylene Chloride
Concen: 60.189 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.025 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 84 Resp: 77041
Ion Ratio Lower Upper
84 100
49 107.7 83.8 125.8
51 34.8 27.2 40.8
86 61.1 50.2 75.4

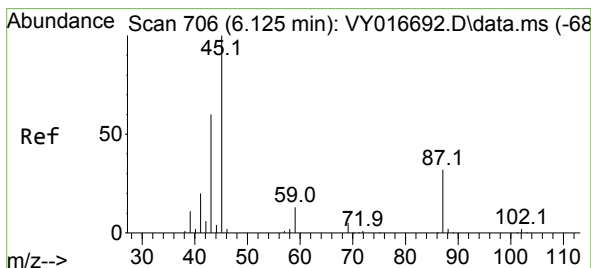
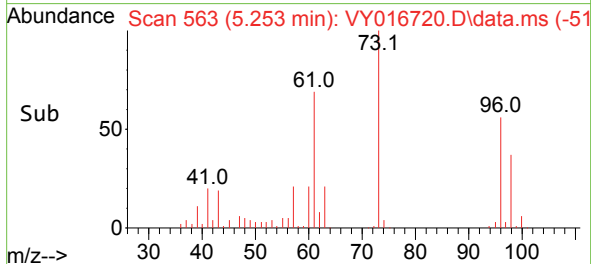
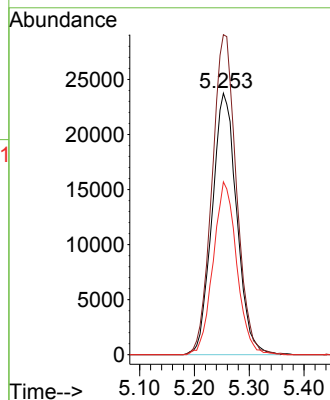
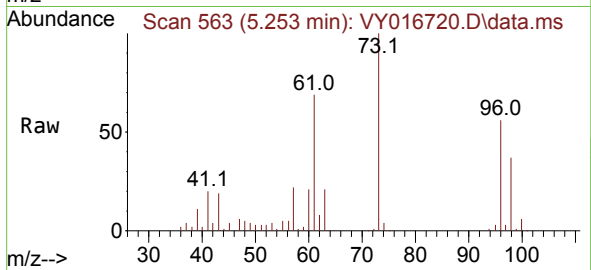




#21
trans-1,2-Dichloroethene
Concen: 54.382 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

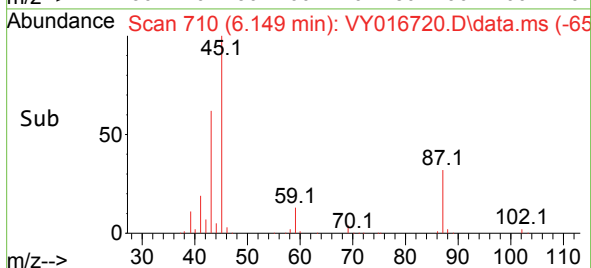
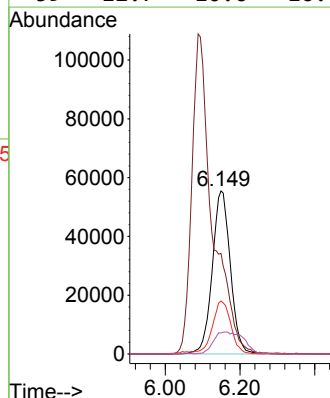
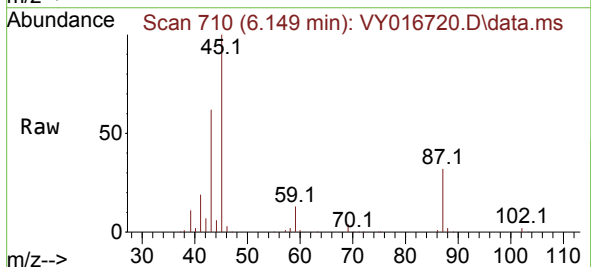
Instrument :
MSVOA_Y
ClientSampleId :

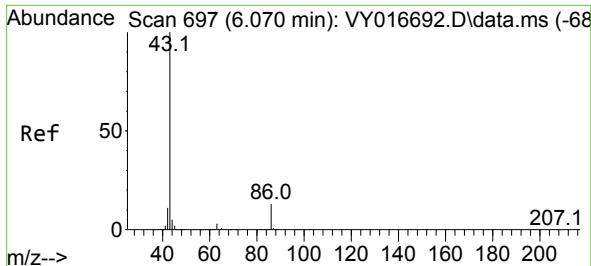
Tgt Ion: 96 Resp: 73993
Ion Ratio Lower Upper
96 100
61 122.4 100.0 150.0
98 66.1 52.2 78.2



#22
Diisopropyl ether
Concen: 54.209 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.024 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

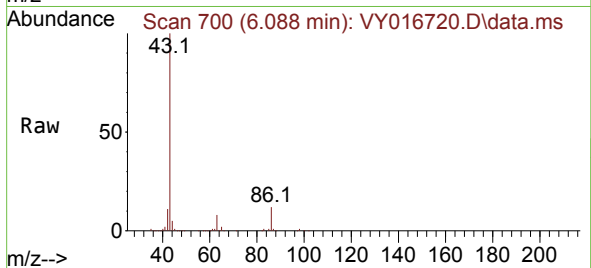
Tgt Ion: 45 Resp: 186387
Ion Ratio Lower Upper
45 100
43 61.3 42.4 63.6
87 32.5 25.0 37.4
59 12.7 10.6 16.0



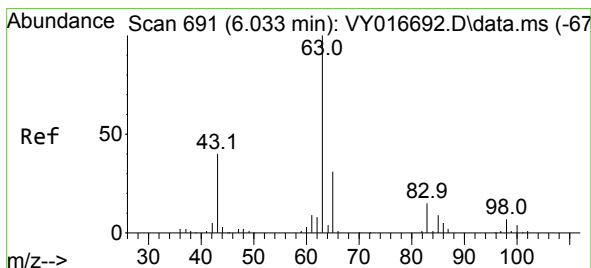
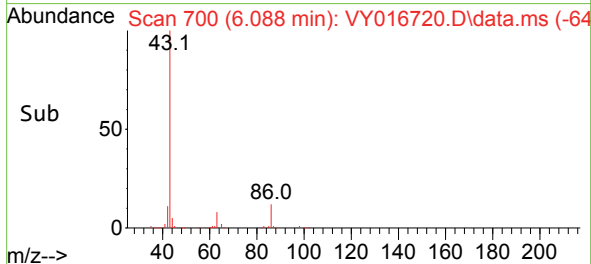
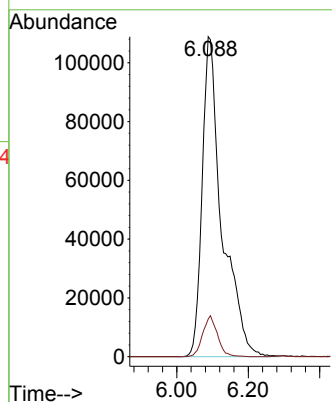


#23
 Vinyl Acetate
 Concen: 247.973 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.018 min
 Lab File: VY016720.D
 Acq: 20 Dec 2023 01:54

Instrument :
 MSVOA_Y
 ClientSampleId :

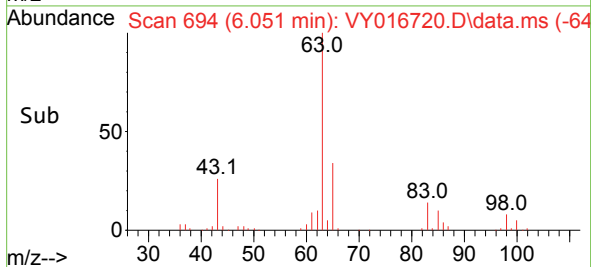
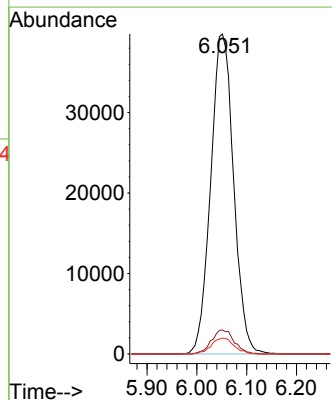
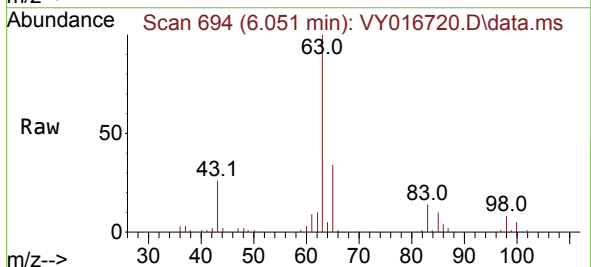


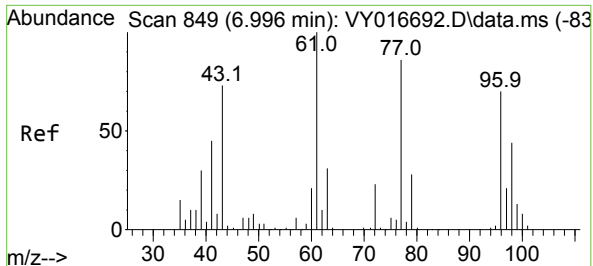
Tgt Ion: 43 Resp: 416912
 Ion Ratio Lower Upper
 43 100
 86 11.8 10.3 15.5



#24
 1,1-Dichloroethane
 Concen: 53.556 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.018 min
 Lab File: VY016720.D
 Acq: 20 Dec 2023 01:54

Tgt Ion: 63 Resp: 126811
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 5.0 2.5 7.5





#25

2-Butanone

Concen: 236.599 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

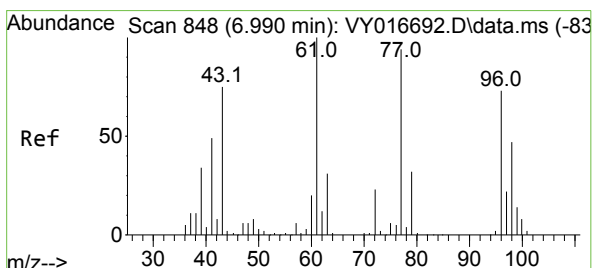
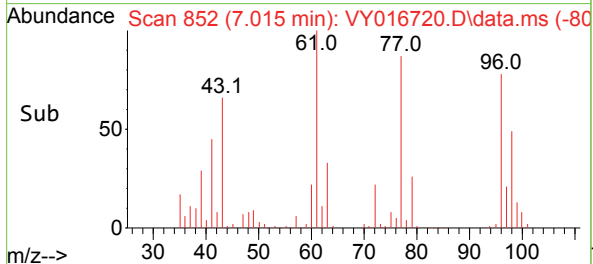
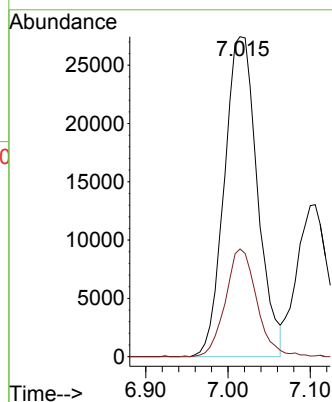
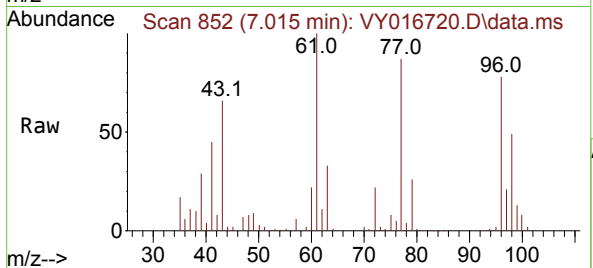
ClientSampleId :

Tgt Ion: 43 Resp: 76817

Ion Ratio Lower Upper

43 100

72 33.7 26.3 39.5



#26

2,2-Dichloropropane

Concen: 49.155 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.025 min

Lab File: VY016720.D

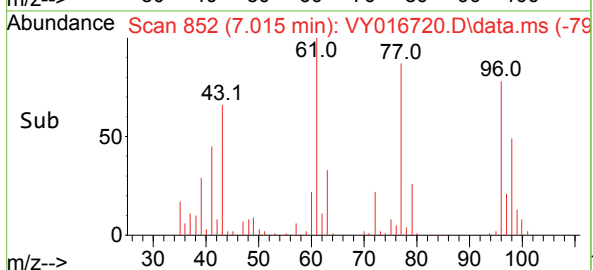
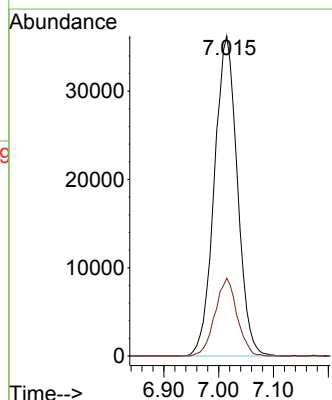
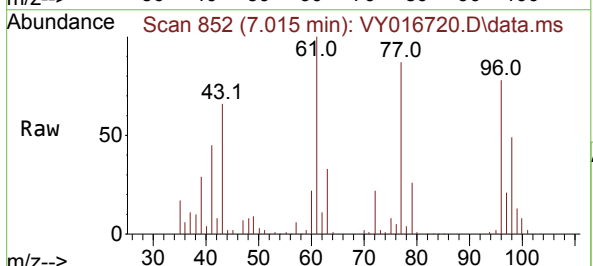
Acq: 20 Dec 2023 01:54

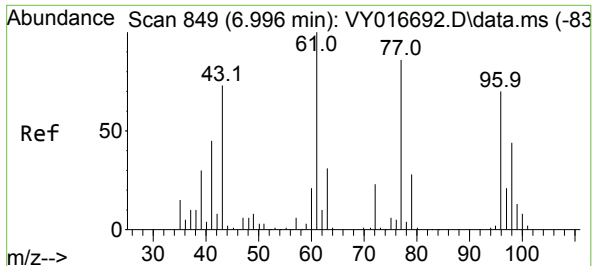
Tgt Ion: 77 Resp: 105700

Ion Ratio Lower Upper

77 100

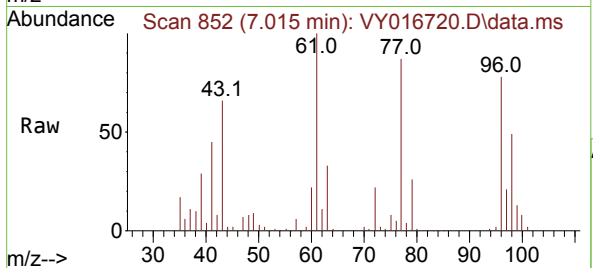
97 23.3 12.4 37.2





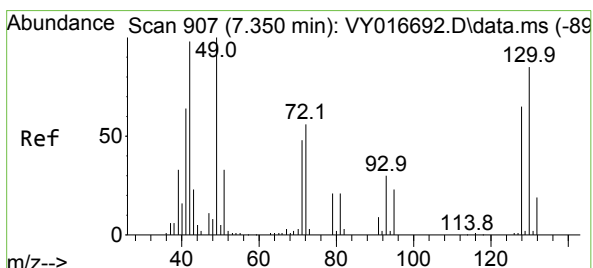
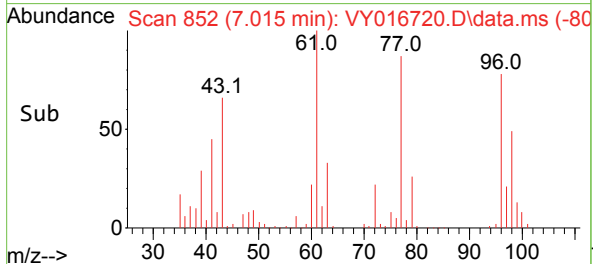
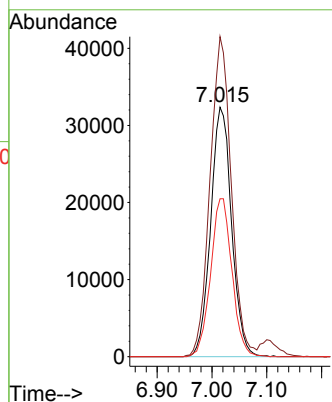
#27
 cis-1,2-Dichloroethene
 Concen: 55.875 ug/l
 RT: 7.015 min Scan# 849
 Delta R.T. 0.018 min
 Lab File: VY016720.D
 Acq: 20 Dec 2023 01:54

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 85929

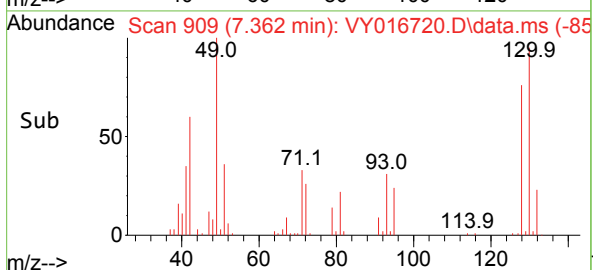
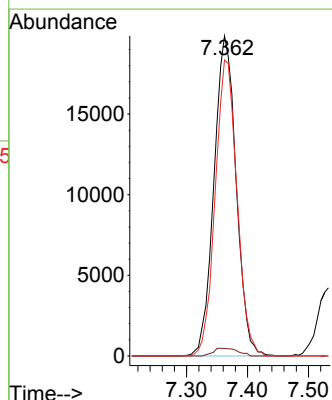
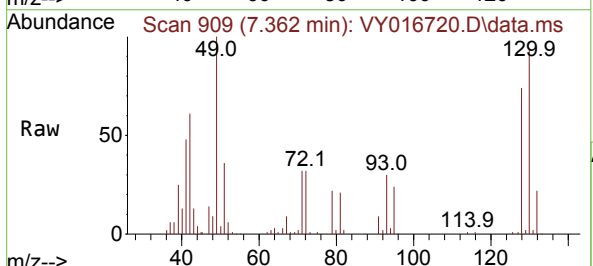
Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	255.8
98	64.5	0.0	129.2

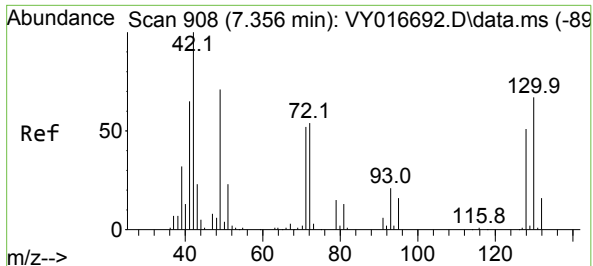


#28
 Bromochloromethane
 Concen: 58.266 ug/l
 RT: 7.362 min Scan# 909
 Delta R.T. 0.012 min
 Lab File: VY016720.D
 Acq: 20 Dec 2023 01:54

Tgt Ion: 49 Resp: 50098

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	90.8	75.9	113.9





#29

Tetrahydrofuran

Concen: 253.238 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.024 min

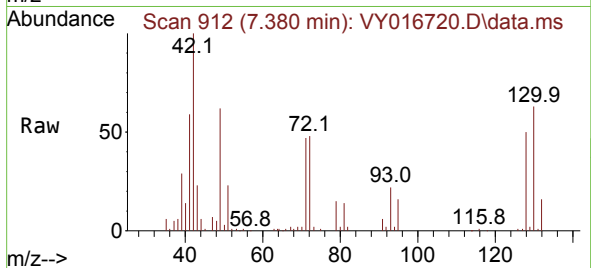
Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

ClientSampleId :



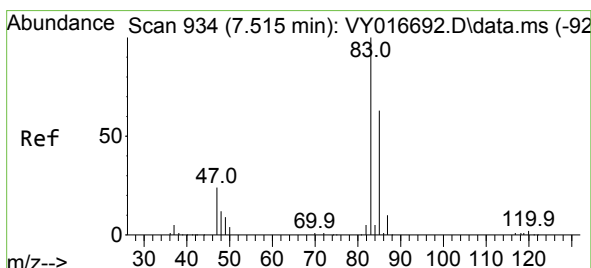
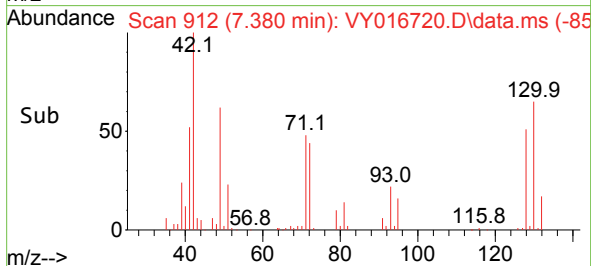
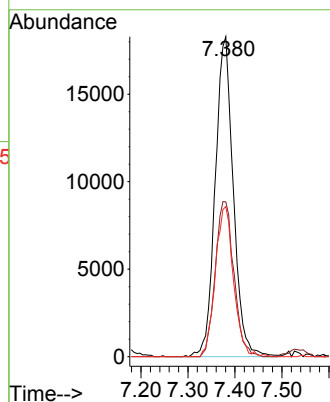
Tgt Ion: 42 Resp: 48979

Ion Ratio Lower Upper

42 100

72 49.9 40.3 60.5

71 47.2 38.9 58.3



#30

Chloroform

Concen: 54.141 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.018 min

Lab File: VY016720.D

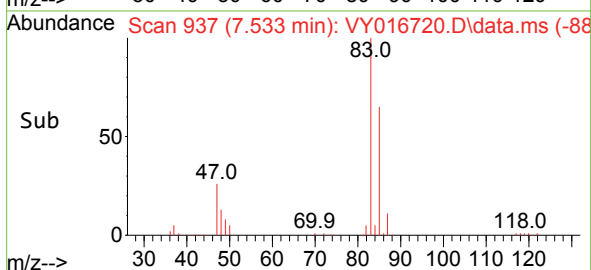
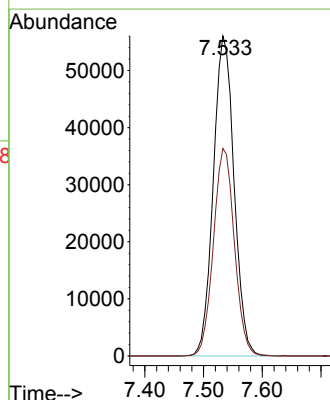
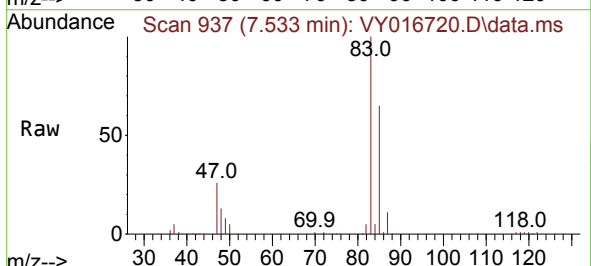
Acq: 20 Dec 2023 01:54

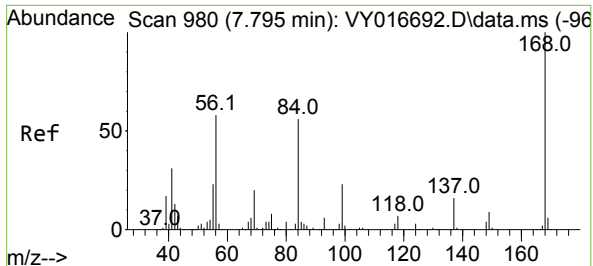
Tgt Ion: 83 Resp: 137538

Ion Ratio Lower Upper

83 100

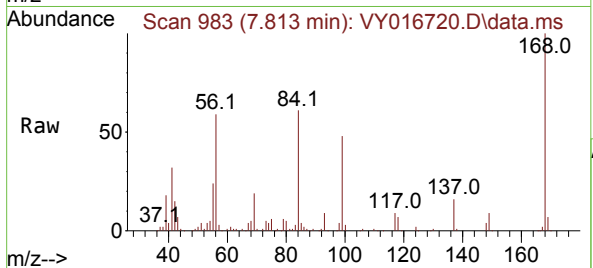
85 64.8 52.6 78.8



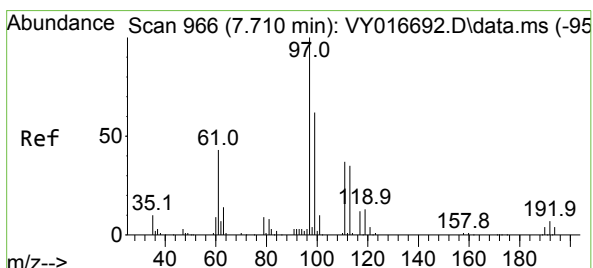
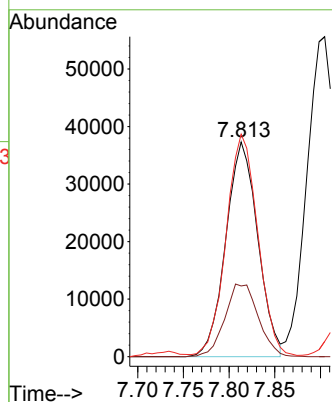
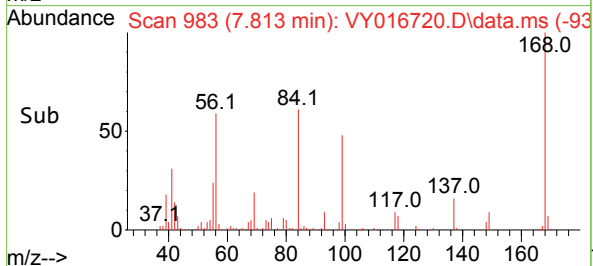


#31
Cyclohexane
Concen: 46.372 ug/l
RT: 7.813 min Scan# 906
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

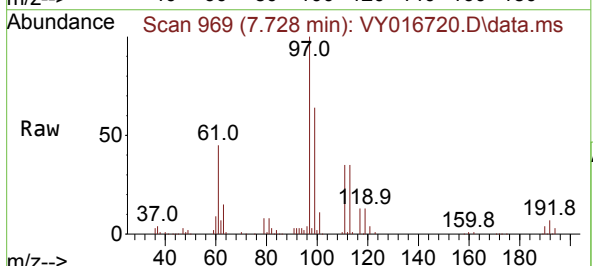
Instrument :
MSVOA_Y
ClientSampleId :



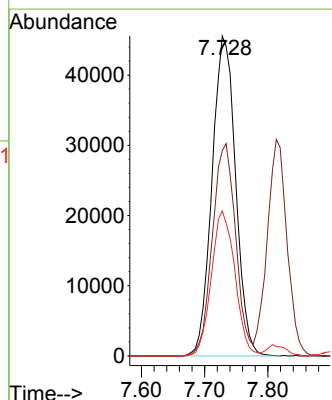
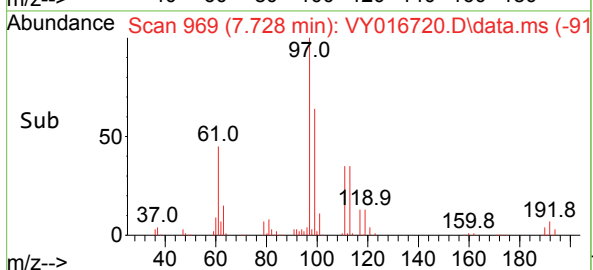
Tgt Ion: 56 Resp: 90673
Ion Ratio Lower Upper
56 100
69 32.9 27.5 41.3
84 102.5 78.1 117.1

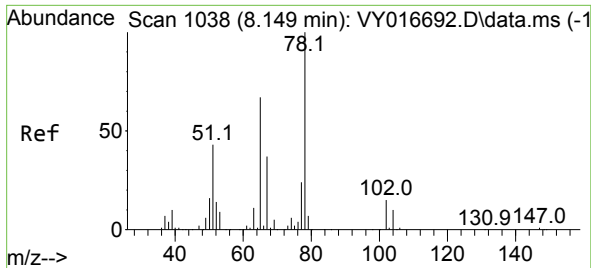


#32
1,1,1-Trichloroethane
Concen: 52.275 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54



Tgt Ion: 97 Resp: 117918
Ion Ratio Lower Upper
97 100
99 65.7 51.4 77.0
61 45.3 31.6 47.4

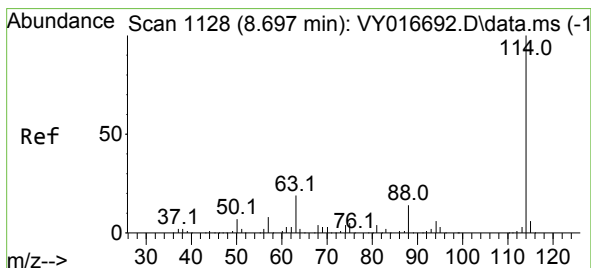
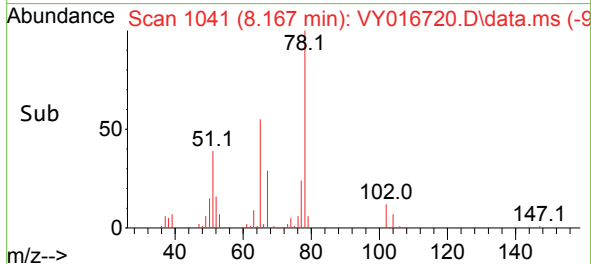
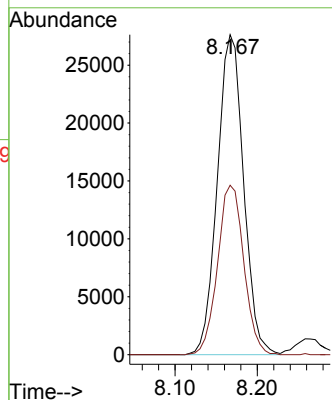
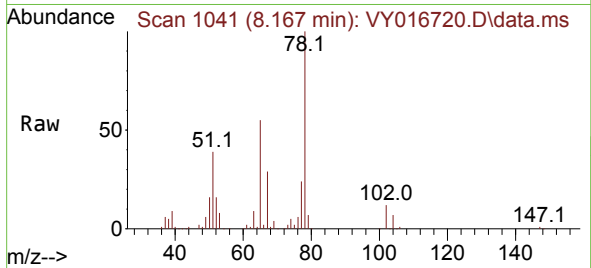




#33
 1,2-Dichloroethane-d4
 Concen: 51.433 ug/l
 RT: 8.167 min Scan# 110
 Delta R.T. 0.018 min
 Lab File: VY016720.D
 Acq: 20 Dec 2023 01:54

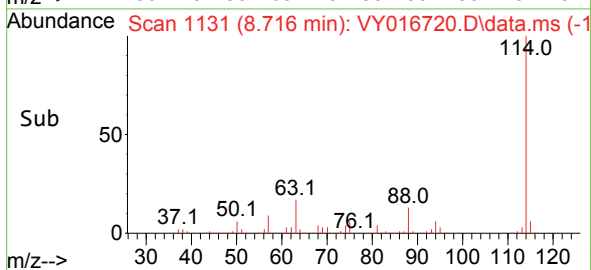
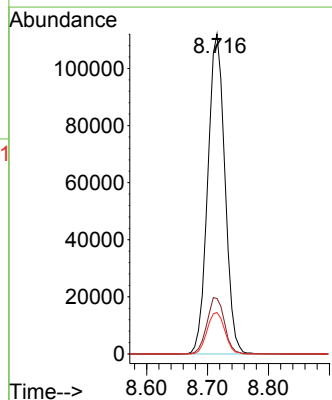
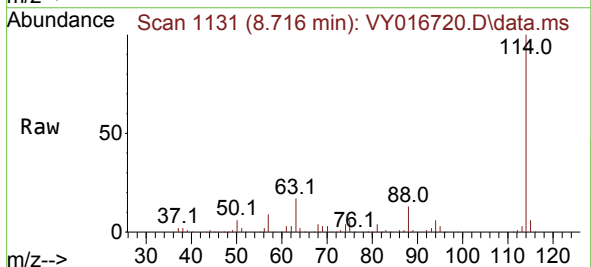
Instrument :
 MSVOA_Y
 ClientSampleId :

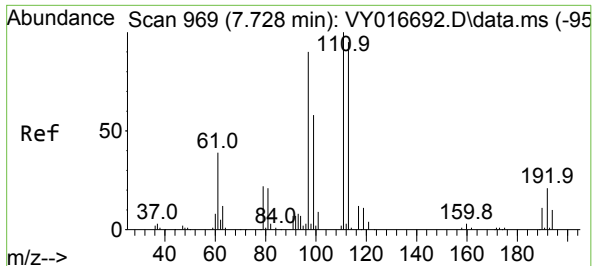
Tgt Ion: 65 Resp: 61443
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.018 min
 Lab File: VY016720.D
 Acq: 20 Dec 2023 01:54

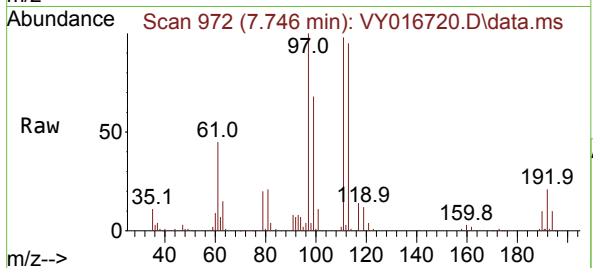
Tgt Ion: 114 Resp: 218821
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.0
 88 12.9 0.0 29.2



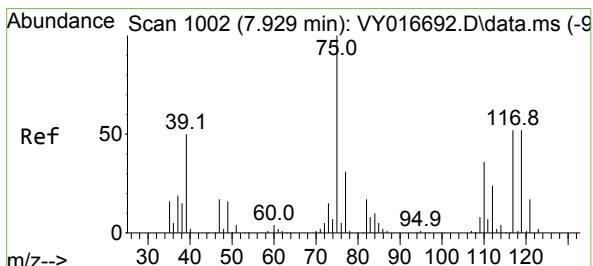
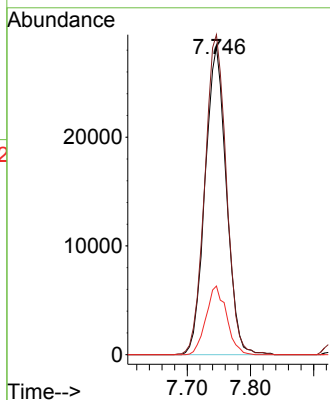
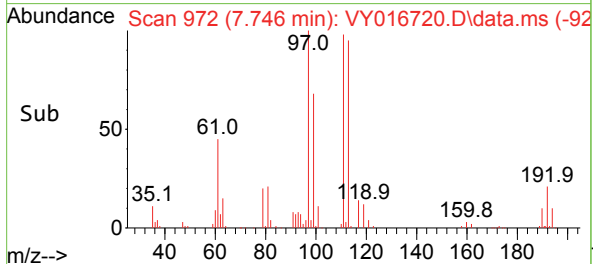


#35
Dibromofluoromethane
Concen: 51.406 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

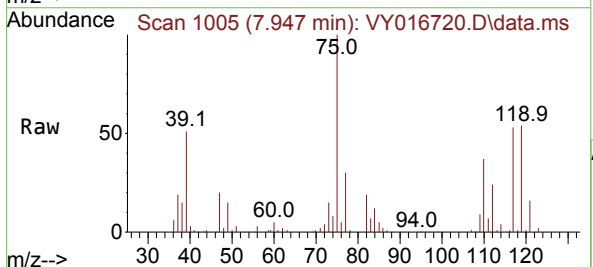
Instrument :
MSVOA_Y
ClientSampleId :



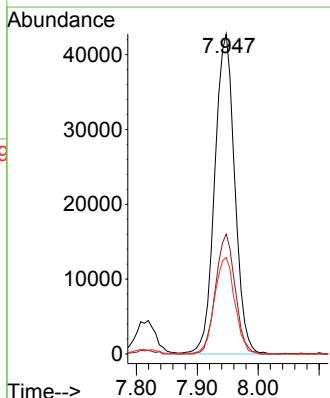
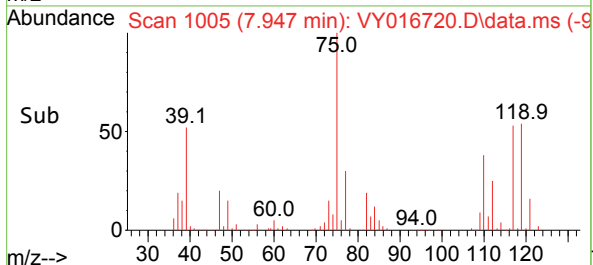
Tgt Ion:113 Resp: 66251
Ion Ratio Lower Upper
113 100
111 105.3 81.9 122.9
192 21.5 16.2 24.4

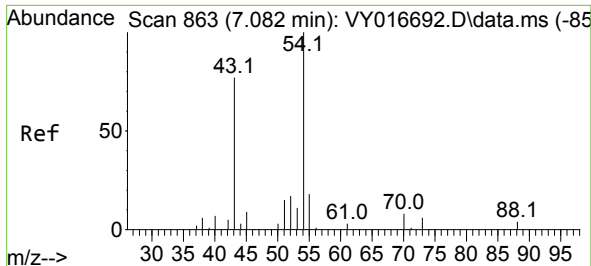


#36
1,1-Dichloropropene
Concen: 49.913 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54



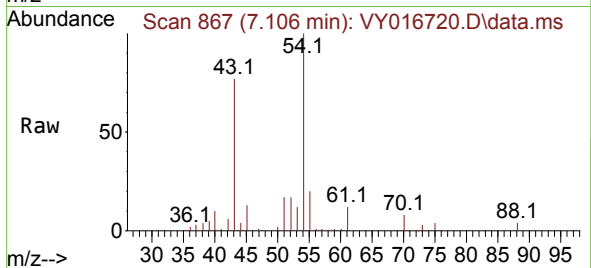
Tgt Ion: 75 Resp: 97304
Ion Ratio Lower Upper
75 100
110 36.6 18.9 56.9
77 30.9 25.3 37.9



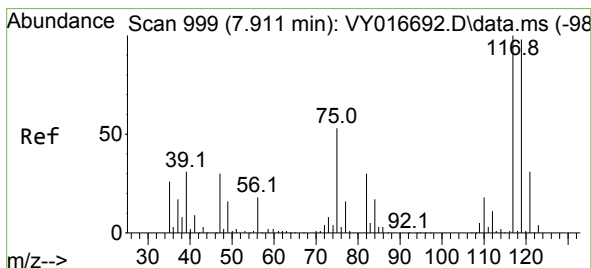
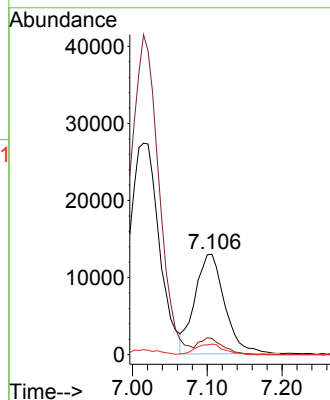
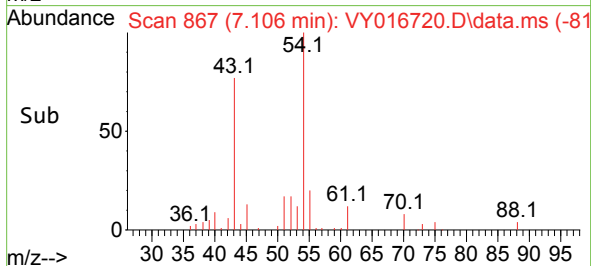


#37
Ethyl Acetate
Concen: 47.717 ug/l
RT: 7.106 min Scan# 81
Delta R.T. 0.024 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

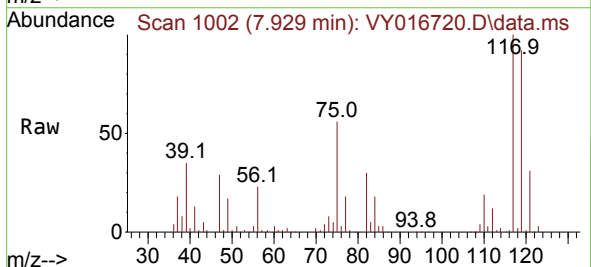
Instrument :
MSVOA_Y
ClientSampleId :



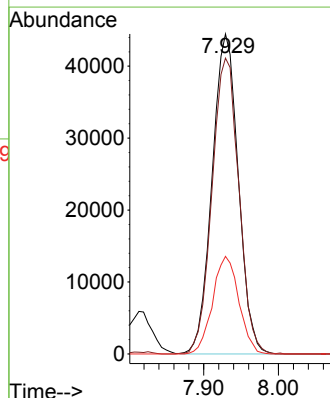
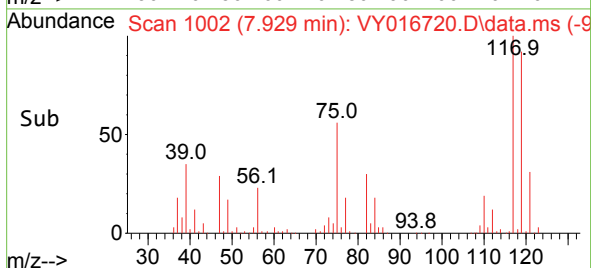
Tgt Ion: 43 Resp: 35628
Ion Ratio Lower Upper
43 100
61 13.6 13.0 19.4
70 10.1 9.9 14.9

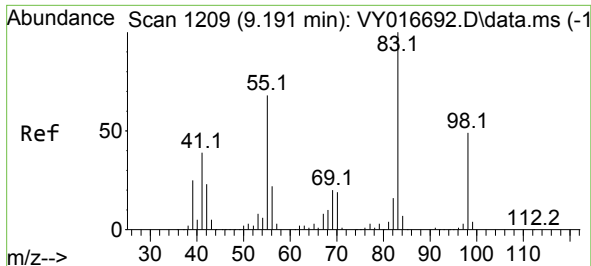


#38
Carbon Tetrachloride
Concen: 51.377 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54



Tgt Ion: 117 Resp: 108068
Ion Ratio Lower Upper
117 100
119 92.2 75.0 112.4
121 30.5 24.2 36.4





#39

Methylcyclohexane

Concen: 49.423 ug/l

RT: 9.209 min Scan# 110929

Delta R.T. 0.018 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

ClientSampleId :

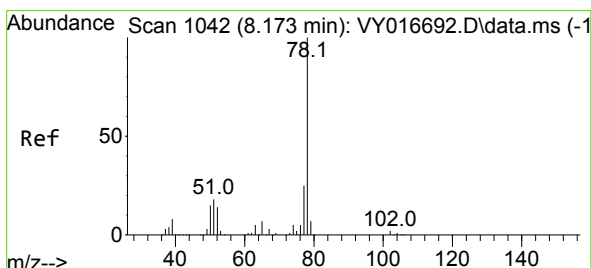
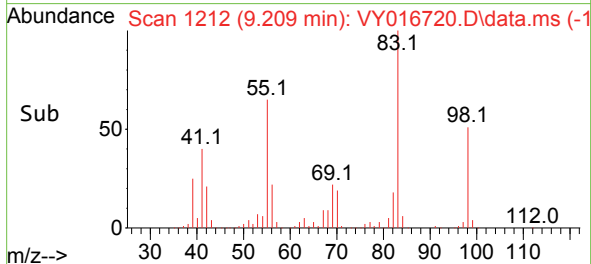
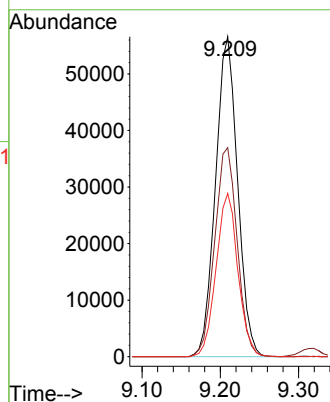
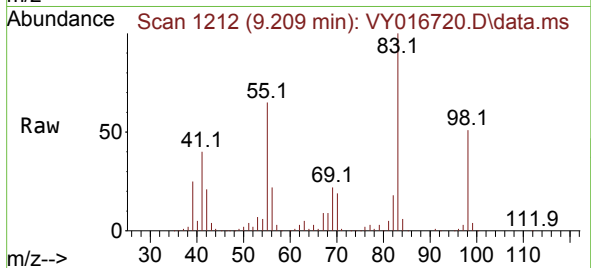
Tgt Ion: 83 Resp: 110929

Ion Ratio Lower Upper

83 100

55 65.3 54.6 81.8

98 51.0 40.1 60.1



#40

Benzene

Concen: 52.561 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016720.D

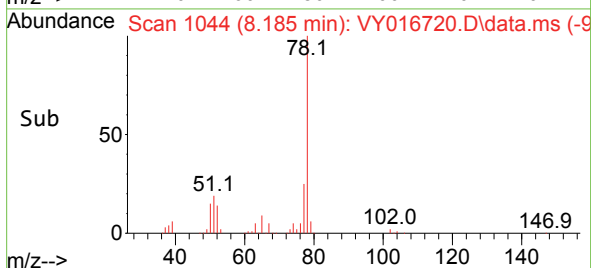
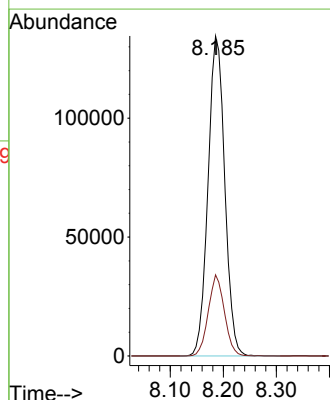
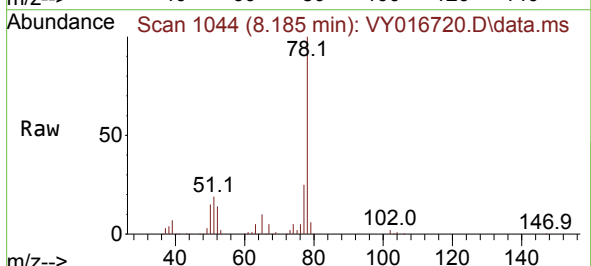
Acq: 20 Dec 2023 01:54

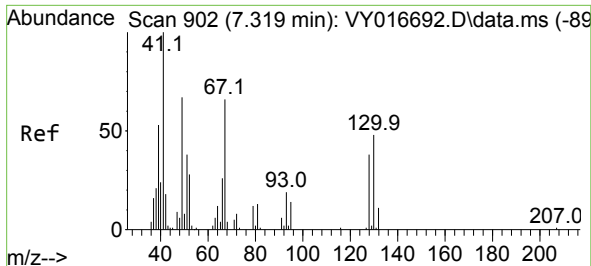
Tgt Ion: 78 Resp: 294396

Ion Ratio Lower Upper

78 100

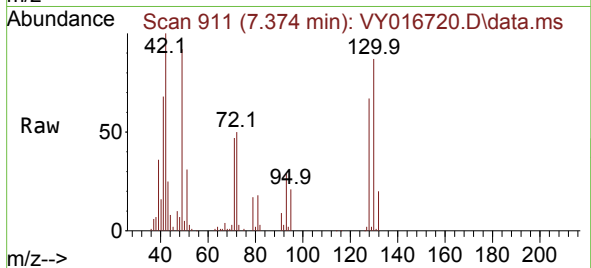
77 25.4 19.0 28.4



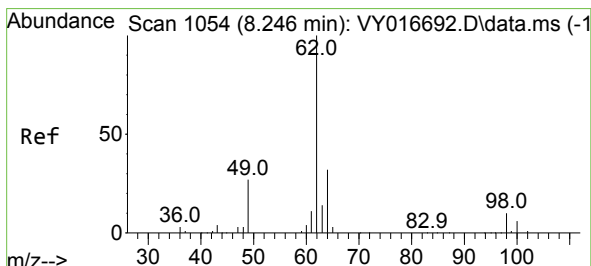
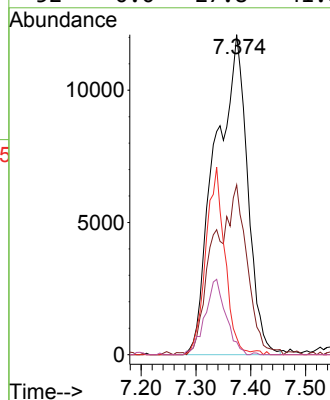
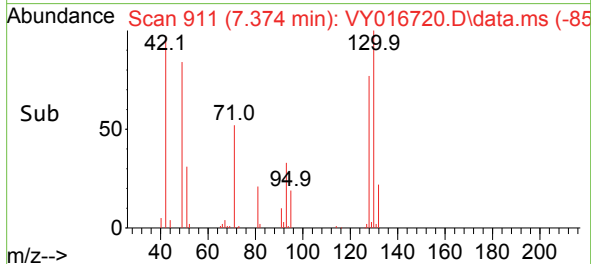


#41
Methacrylonitrile
Concen: 124.954 ug/l
RT: 7.374 min Scan# 911
Delta R.T. 0.055 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Instrument :
MSVOA_Y
ClientSampleId :

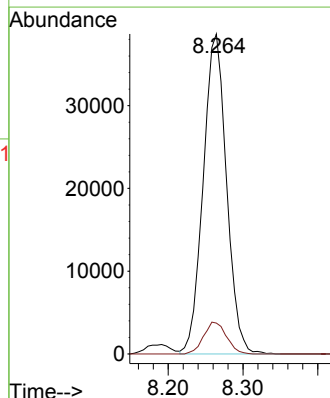
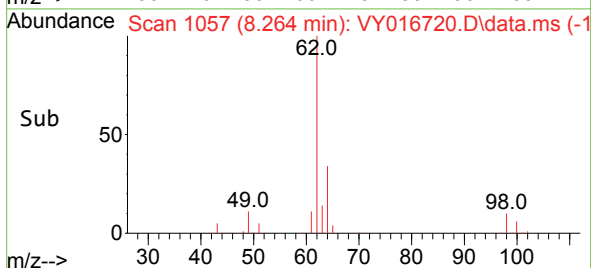
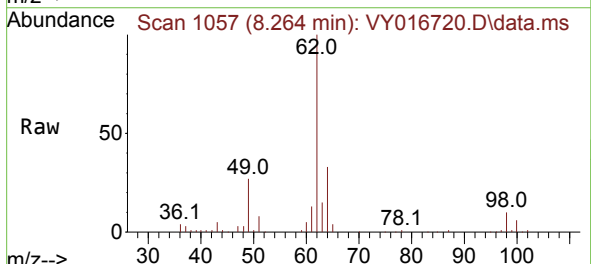


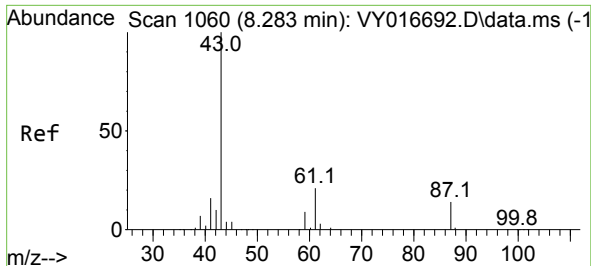
Tgt Ion: 41 Resp: 49550
Ion Ratio Lower Upper
41 100
39 32.4 47.8 71.6#
67 0.0 74.9 112.3#
52 0.0 27.8 41.8#



#42
1,2-Dichloroethane
Concen: 52.809 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 62 Resp: 83699
Ion Ratio Lower Upper
62 100
98 9.7 0.0 22.4

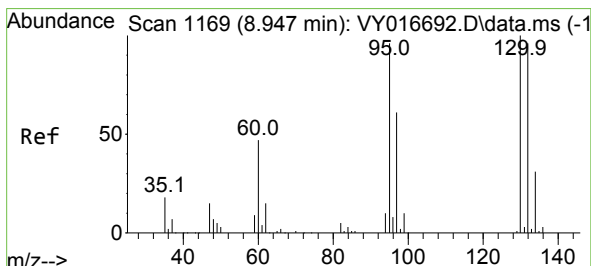
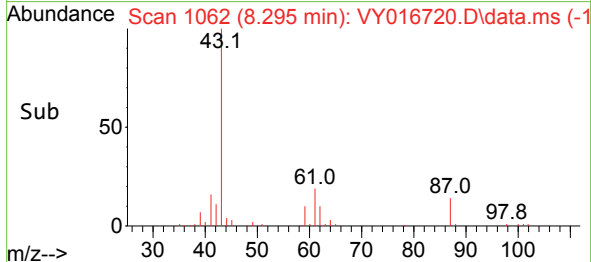
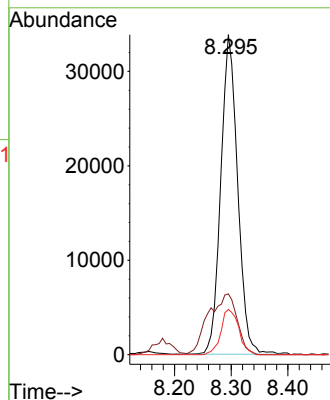
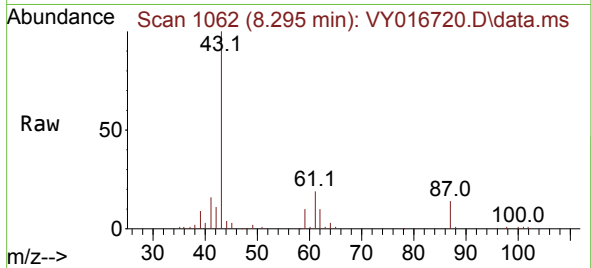




#43
Isopropyl Acetate
Concen: 48.671 ug/l
RT: 8.295 min Scan# 1107
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

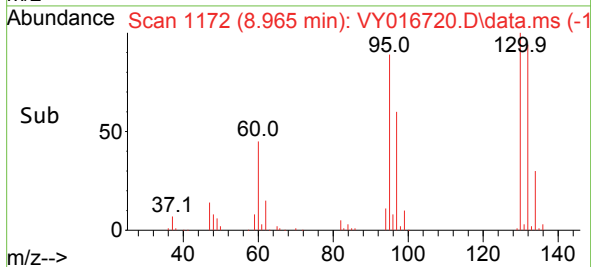
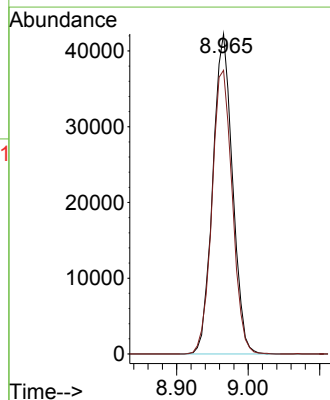
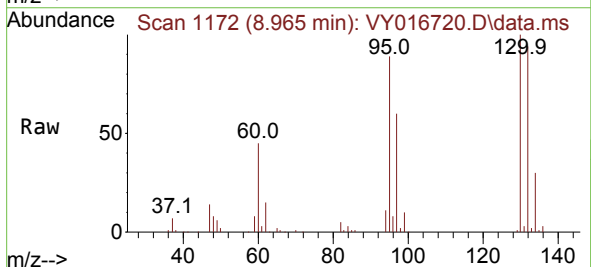
Instrument :
MSVOA_Y
ClientSampleId :

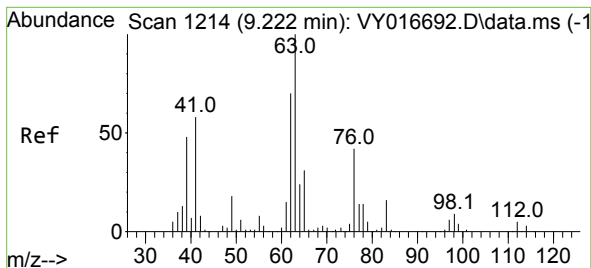
Tgt Ion: 43 Resp: 69797
Ion Ratio Lower Upper
43 100
61 32.3 27.4 41.0
87 15.0 13.2 19.8



#44
Trichloroethene
Concen: 52.516 ug/l
RT: 8.965 min Scan# 1172
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion:130 Resp: 80948
Ion Ratio Lower Upper
130 100
95 88.7 0.0 189.2





#45

1,2-Dichloropropane

Concen: 52.754 ug/l

RT: 9.240 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

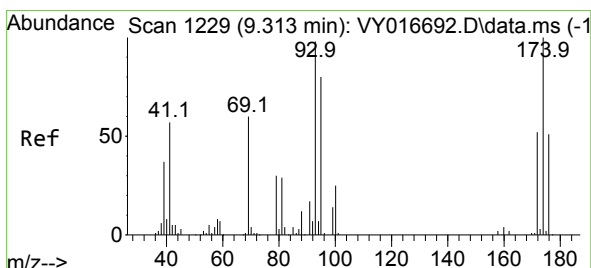
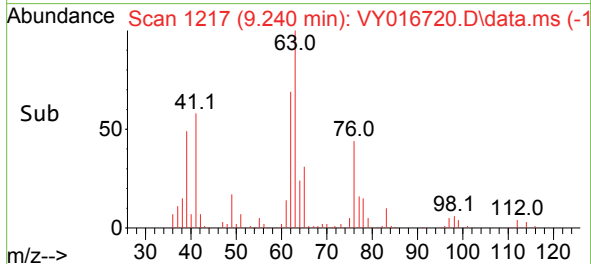
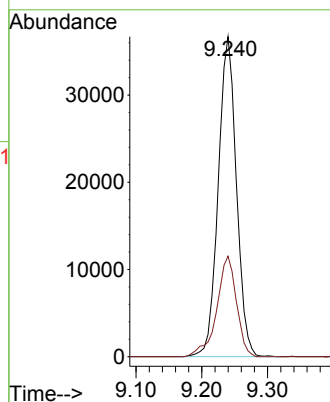
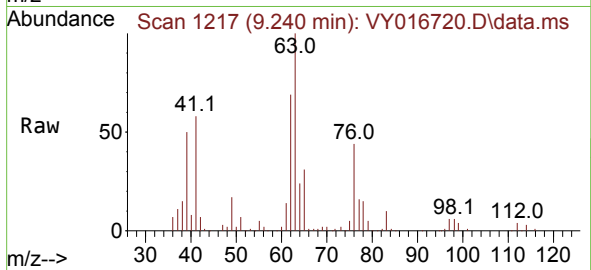
ClientSampleId :

Tgt Ion: 63 Resp: 70625

Ion Ratio Lower Upper

63 100

65 31.4 24.0 36.0



#46

Dibromomethane

Concen: 52.746 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

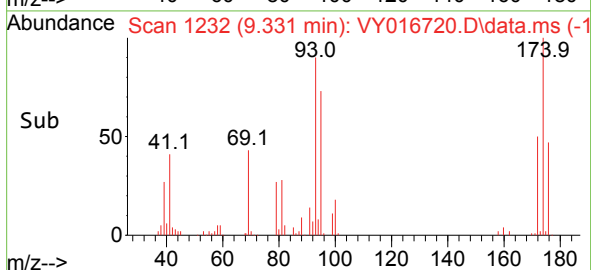
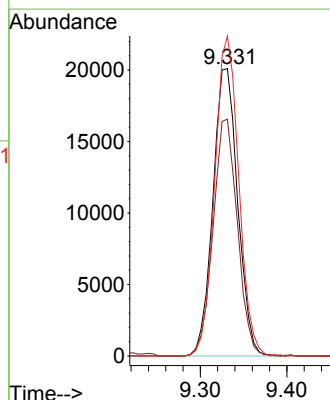
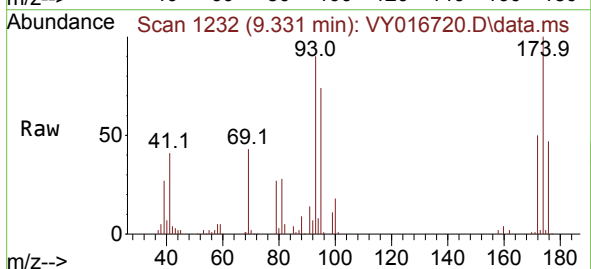
Tgt Ion: 93 Resp: 39876

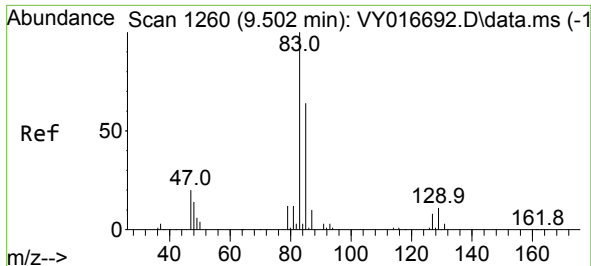
Ion Ratio Lower Upper

93 100

95 81.1 66.9 100.3

174 108.0 85.2 127.8

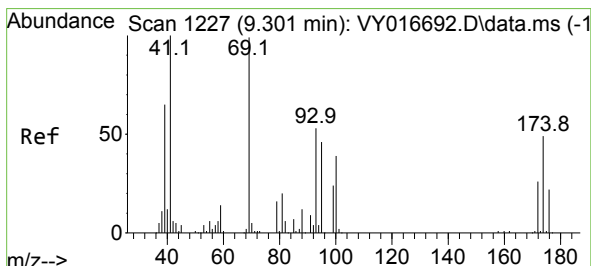
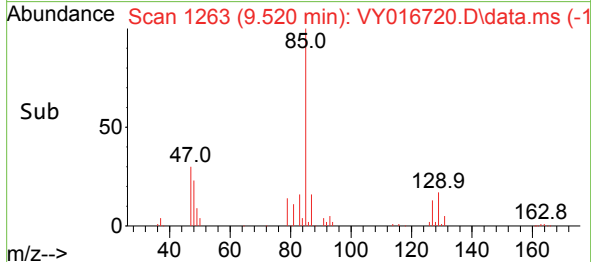
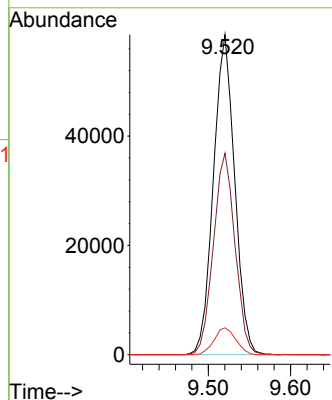
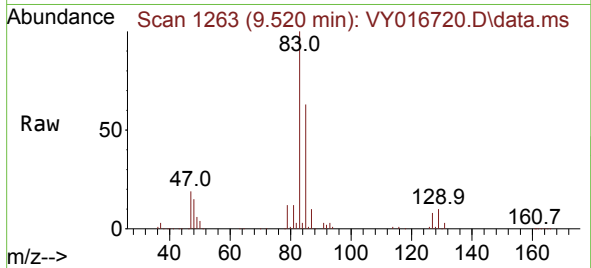




#47
Bromodichloromethane
Concen: 53.265 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

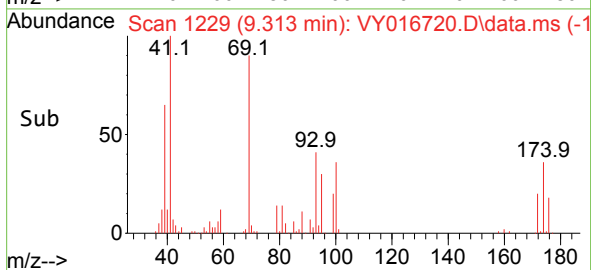
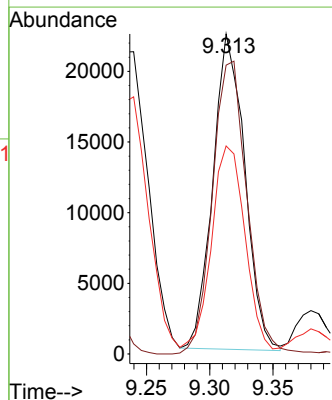
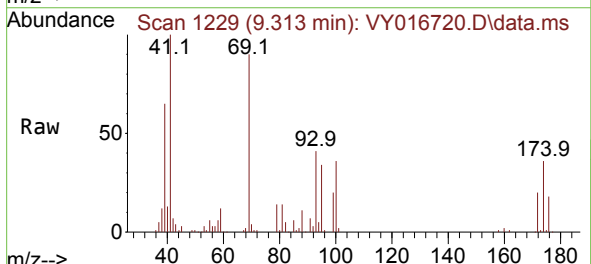
Instrument :
MSVOA_Y
ClientSampleId :

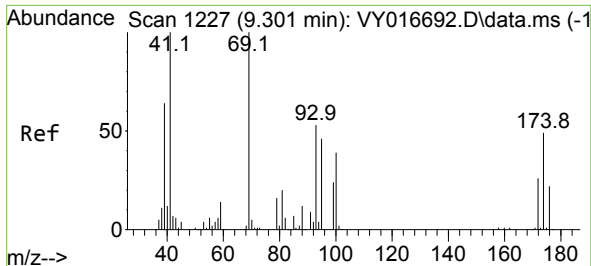
Tgt Ion: 83 Resp: 105140
Ion Ratio Lower Upper
83 100
85 63.0 51.4 77.0
127 8.4 7.3 10.9



#48
Methyl methacrylate
Concen: 50.174 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 41 Resp: 39039
Ion Ratio Lower Upper
41 100
69 100.8 85.5 128.3
39 70.5 40.9 61.3#





#49

1,4-Dioxane

Concen: 995.902 ug/l

RT: 9.325 min Scan# 1227

Delta R.T. 0.024 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

ClientSampleId :

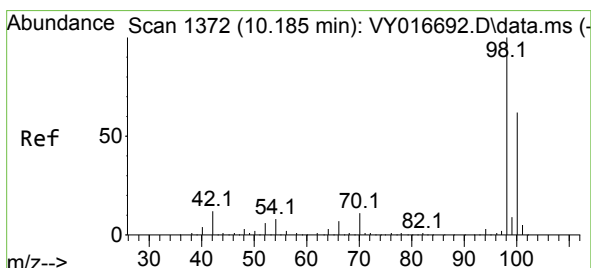
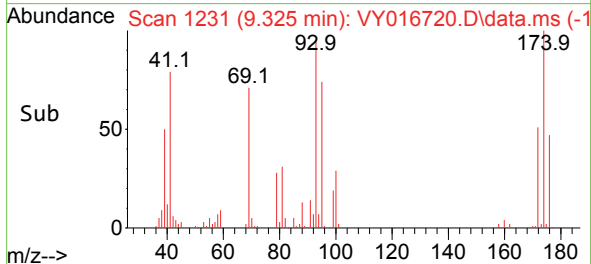
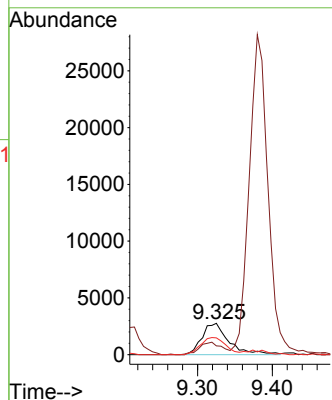
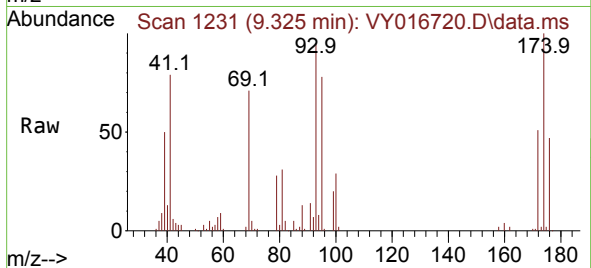
Tgt Ion: 88 Resp: 6932

Ion Ratio Lower Upper

88 100

43 33.4 0.0 0.0#

58 51.2 54.0 81.0#



#50

Toluene-d8

Concen: 51.584 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.018 min

Lab File: VY016720.D

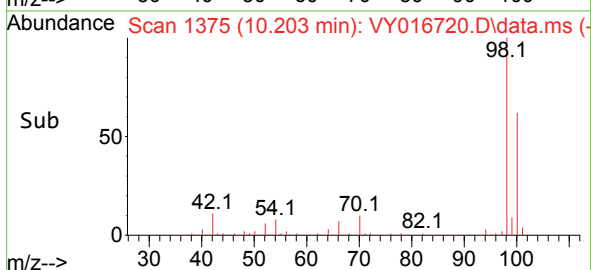
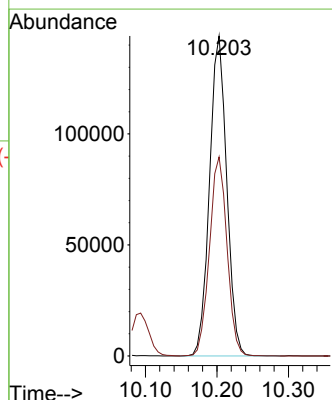
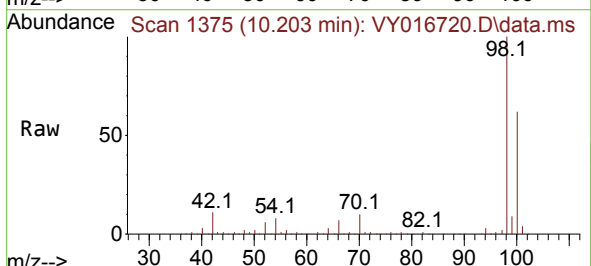
Acq: 20 Dec 2023 01:54

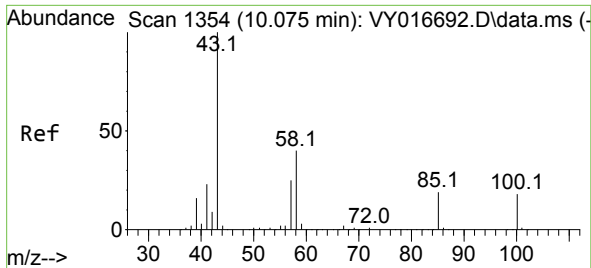
Tgt Ion: 98 Resp: 240762

Ion Ratio Lower Upper

98 100

100 63.4 52.5 78.7

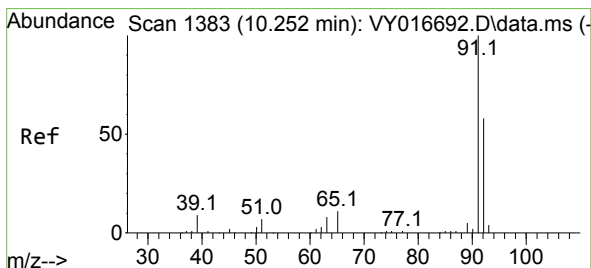
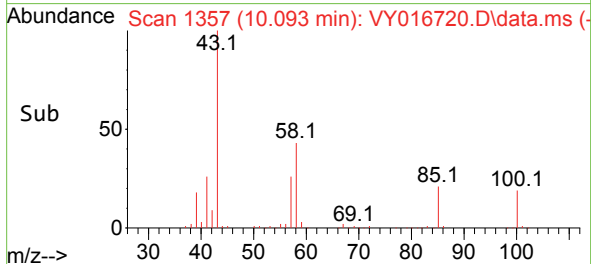
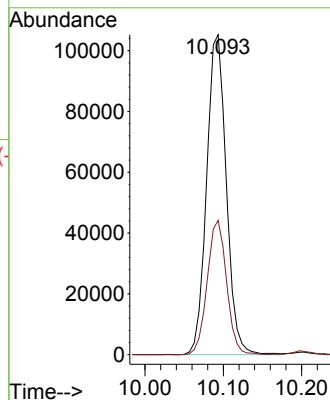
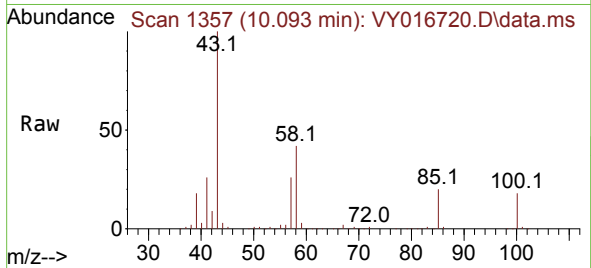




#51
4-Methyl-2-Pentanone
Concen: 249.136 ug/l
RT: 10.093 min Scan# 1357
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

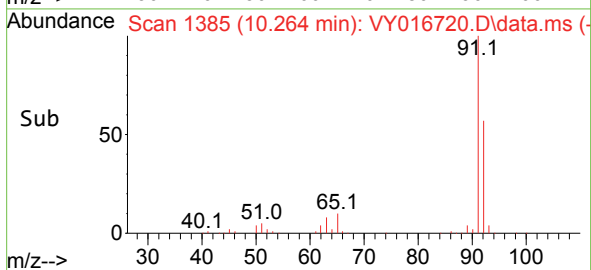
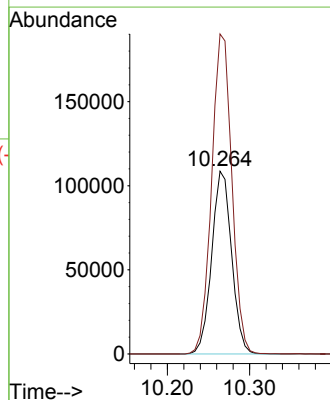
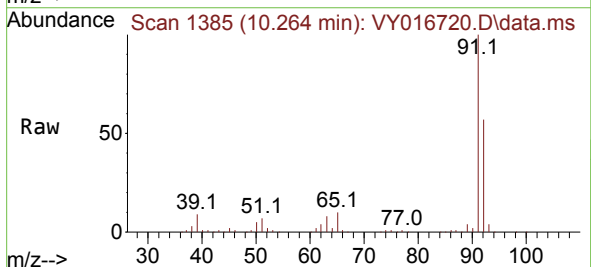
Instrument :
MSVOA_Y
ClientSampleId :

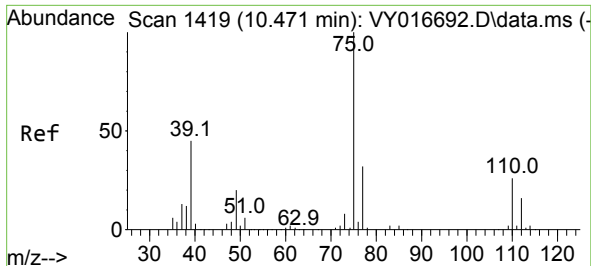
Tgt Ion: 43 Resp: 183377
Ion Ratio Lower Upper
43 100
58 41.4 35.8 53.8



#52
Toluene
Concen: 53.171 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 92 Resp: 182219
Ion Ratio Lower Upper
92 100
91 177.8 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 52.660 ug/l

RT: 10.490 min Scan# 1419

Delta R.T. 0.018 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

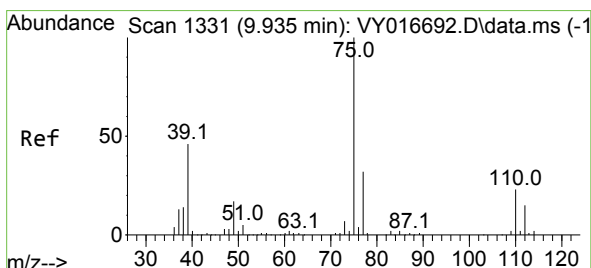
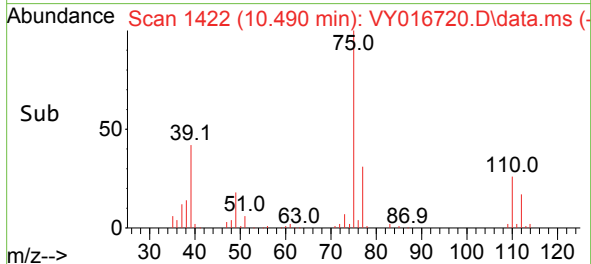
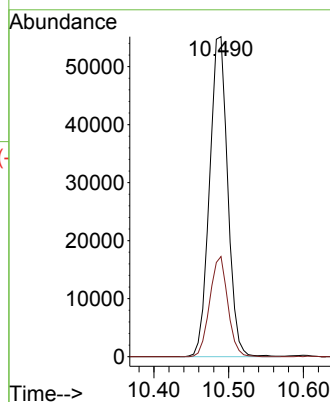
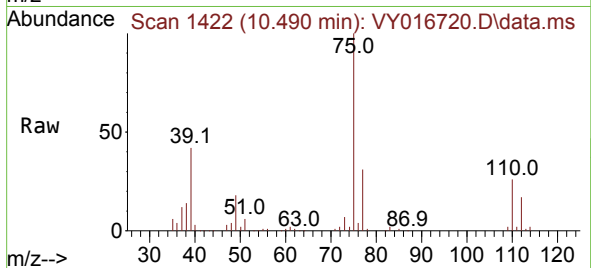
ClientSampleId :

Tgt Ion: 75 Resp: 93072

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 52.415 ug/l

RT: 9.953 min Scan# 1334

Delta R.T. 0.018 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

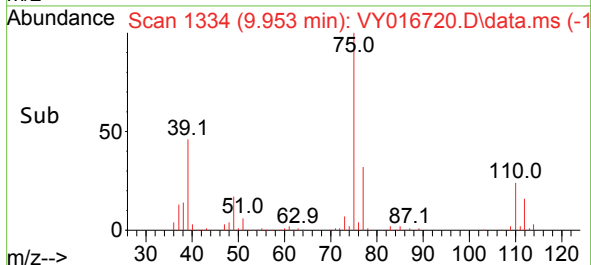
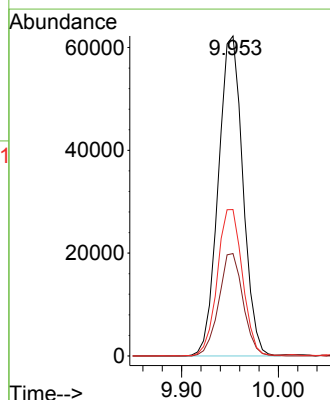
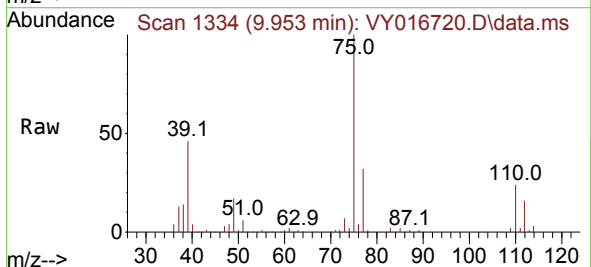
Tgt Ion: 75 Resp: 109768

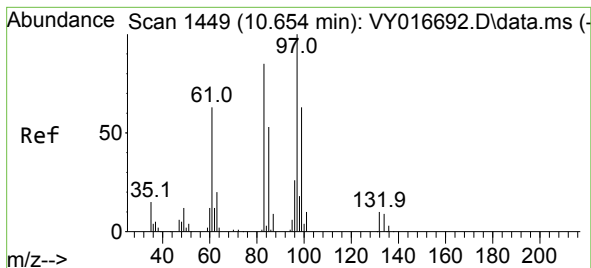
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 45.7 29.7 44.5#

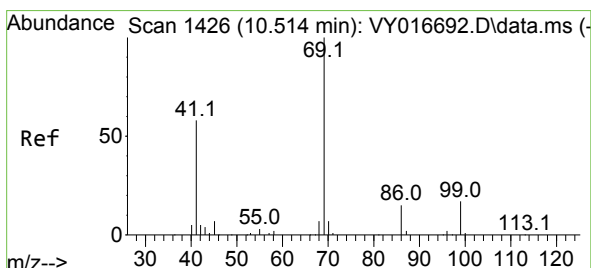
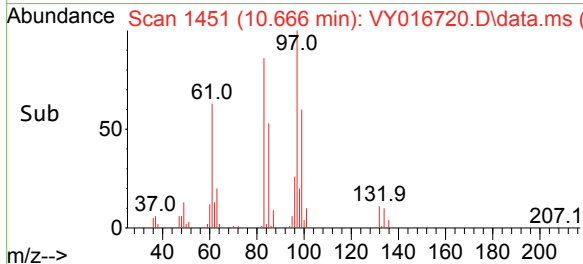
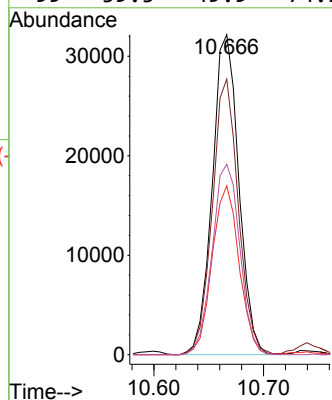
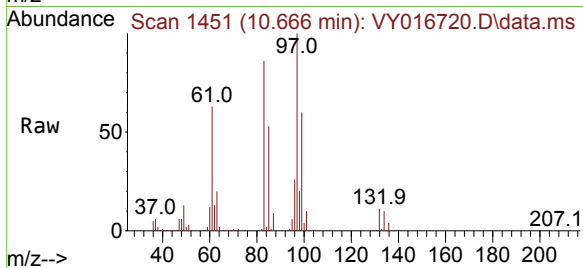




#55
1,1,2-Trichloroethane
Concen: 51.825 ug/l
RT: 10.666 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

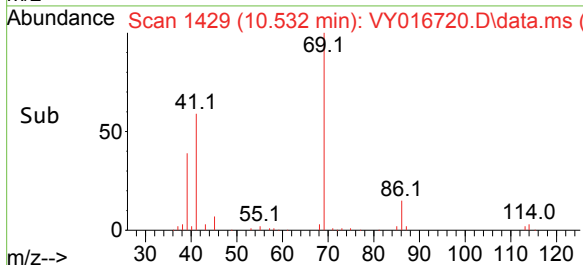
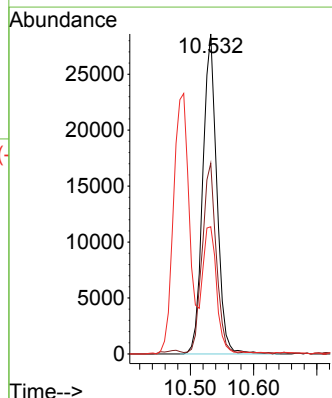
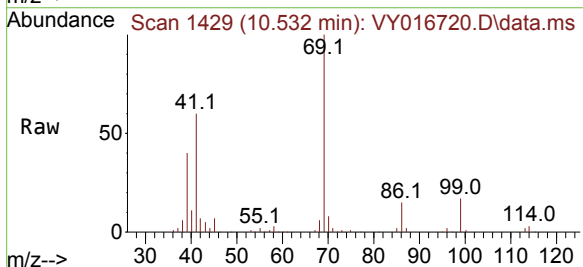
Instrument :
MSVOA_Y
ClientSampleId :

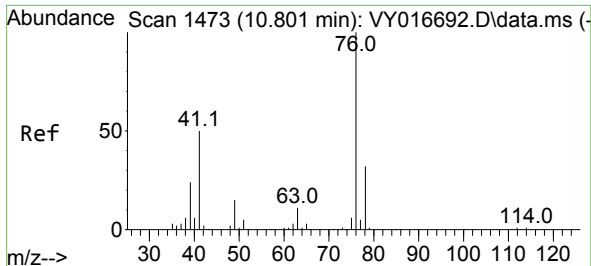
Tgt Ion: 97	Resp: 54122
Ion Ratio	Lower Upper
97 100	
83 86.1	65.8 98.6
85 52.8	43.4 65.2
99 59.5	49.9 74.9



#56
Ethyl methacrylate
Concen: 52.193 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

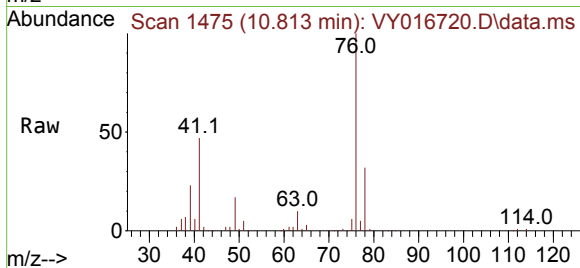
Tgt Ion: 69	Resp: 44354
Ion Ratio	Lower Upper
69 100	
41 58.7	44.6 67.0
39 37.1	21.5 32.3#



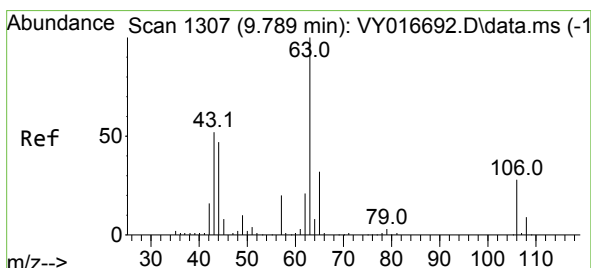
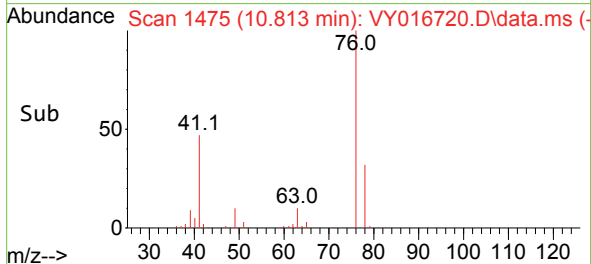
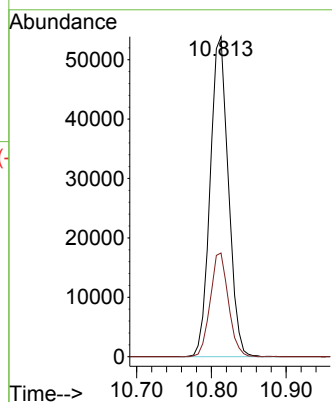


#57
1,3-Dichloropropane
Concen: 52.842 ug/l
RT: 10.813 min Scan# 1473
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Instrument :
MSVOA_Y
ClientSampleId :

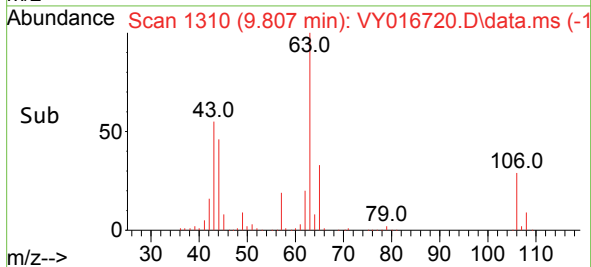
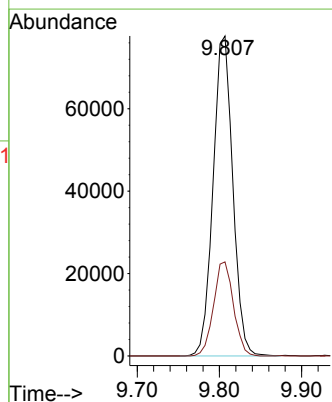
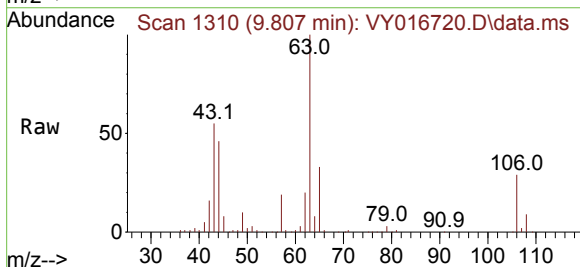


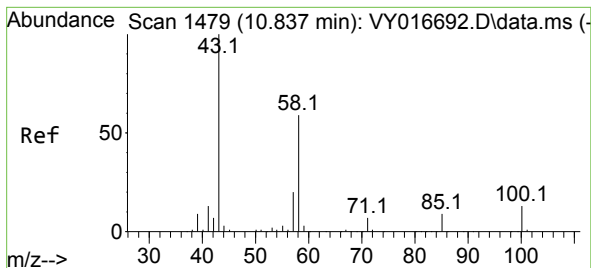
Tgt Ion: 76 Resp: 91056
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 222.875 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 63 Resp: 129318
Ion Ratio Lower Upper
63 100
106 29.6 25.4 38.2

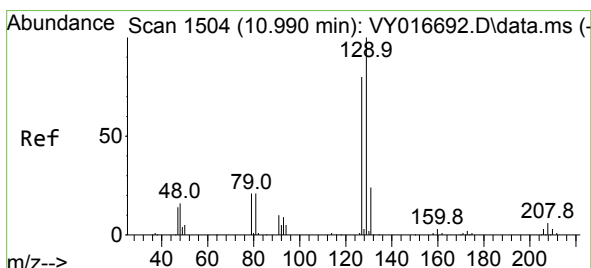
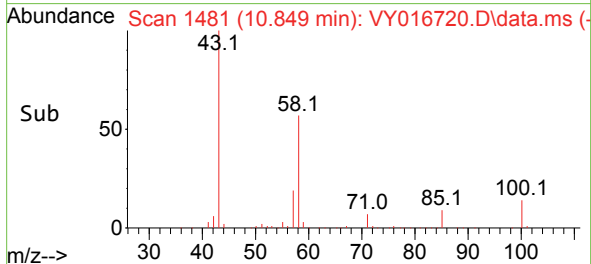
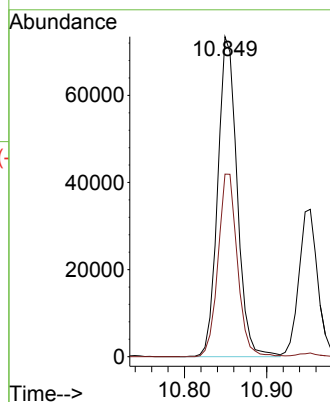
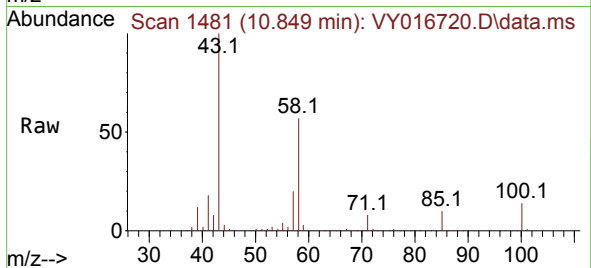




#59
2-Hexanone
Concen: 224.237 ug/l
RT: 10.849 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

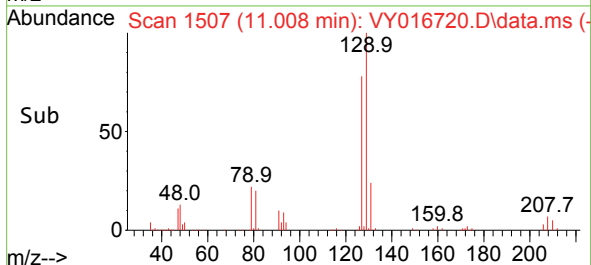
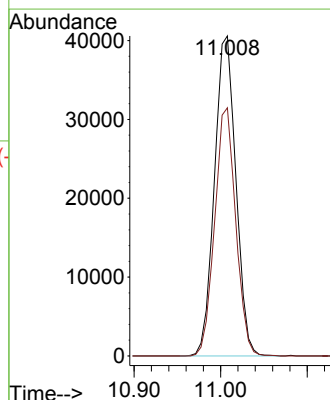
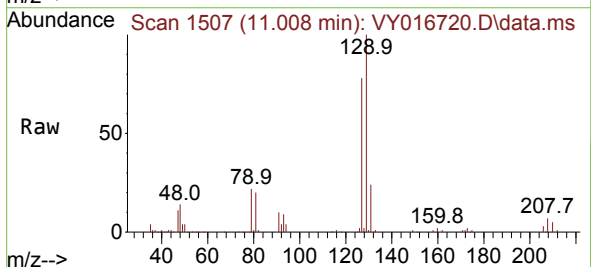
Instrument :
MSVOA_Y
ClientSampleId :

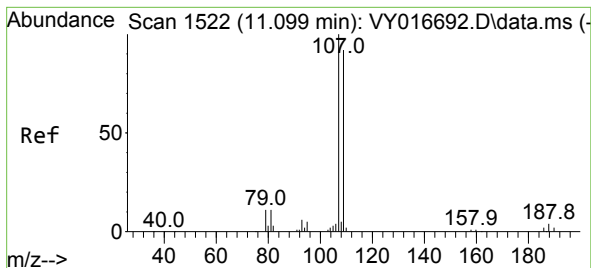
Tgt Ion: 43 Resp: 120250
Ion Ratio Lower Upper
43 100
58 57.1 30.8 92.4



#60
Dibromochloromethane
Concen: 55.054 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.018 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion:129 Resp: 69806
Ion Ratio Lower Upper
129 100
127 76.2 38.0 113.9

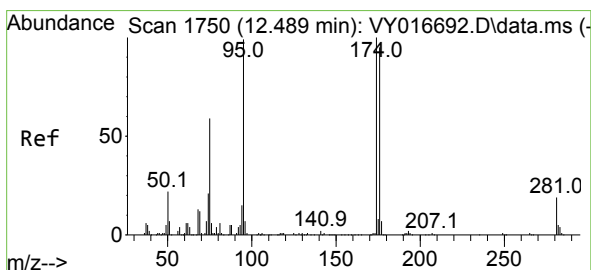
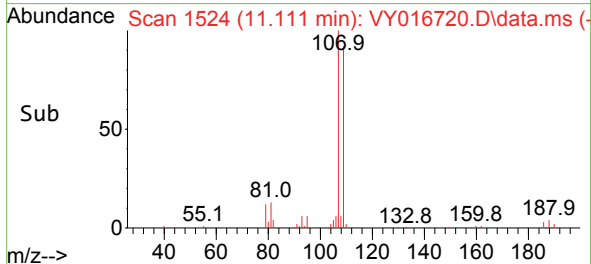
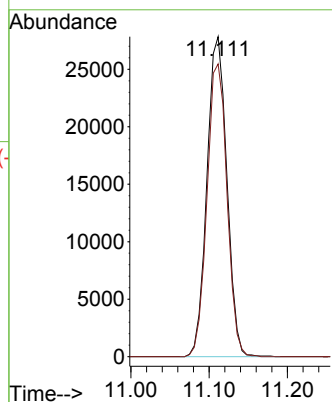
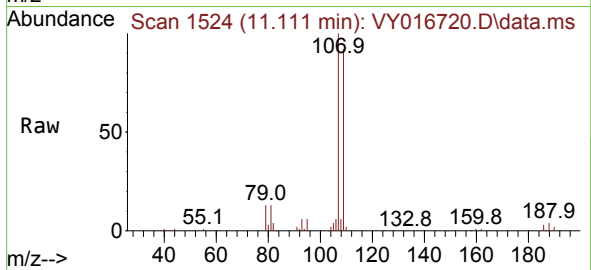




#61
1,2-Dibromoethane
Concen: 52.154 ug/l
RT: 11.111 min Scan# 1524
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

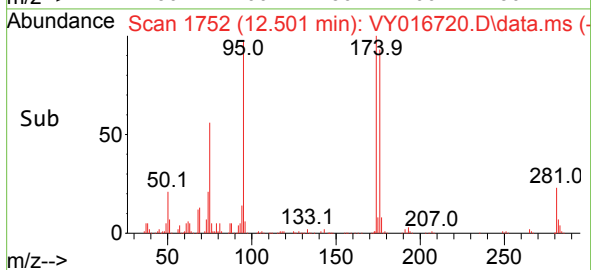
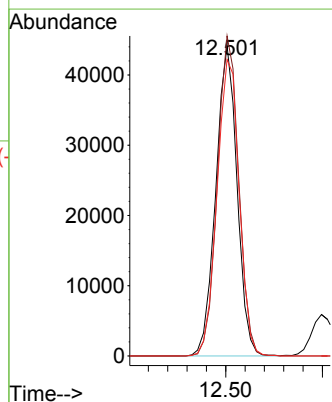
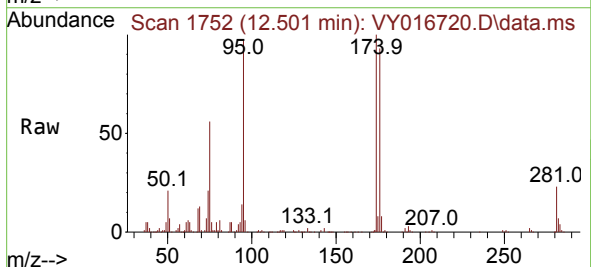
Instrument :
MSVOA_Y
ClientSampleId :

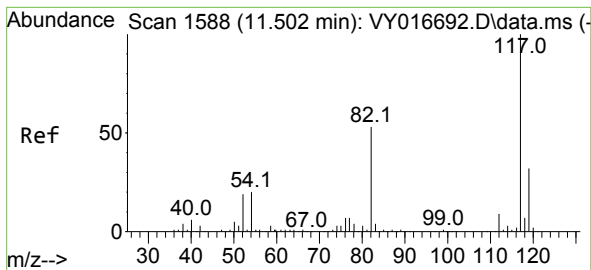
Tgt Ion:107 Resp: 49053
Ion Ratio Lower Upper
107 100
109 91.9 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 50.739 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 95 Resp: 67336
Ion Ratio Lower Upper
95 100
174 103.4 0.0 181.0
176 99.5 0.0 176.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

ClientSampleId :

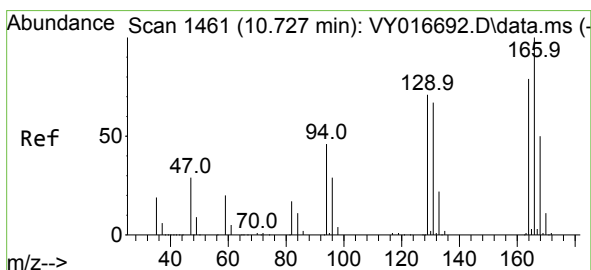
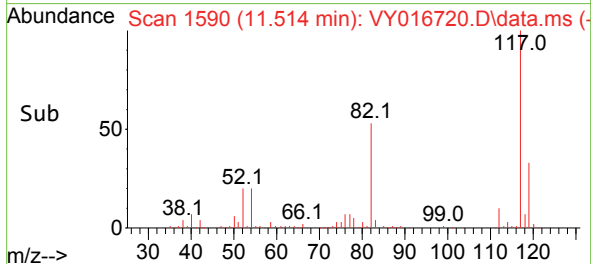
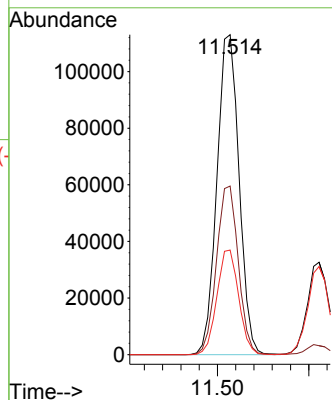
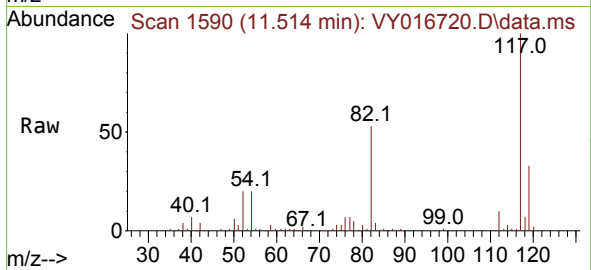
Tgt Ion:117 Resp: 190486

Ion Ratio Lower Upper

117 100

82 52.7 41.0 61.6

119 32.7 25.8 38.8



#64

Tetrachloroethene

Concen: 55.129 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Tgt Ion:164 Resp: 72436

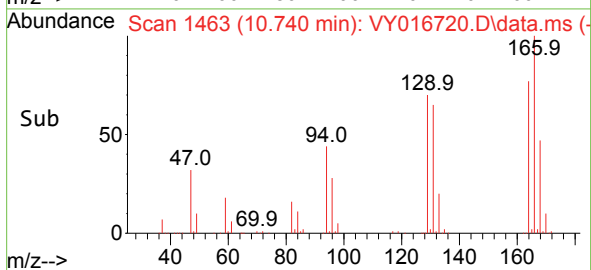
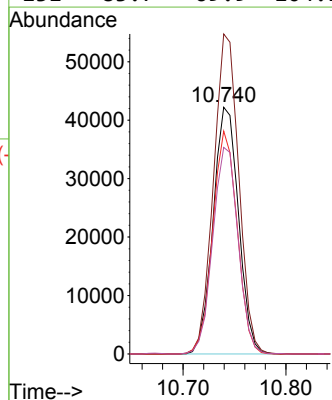
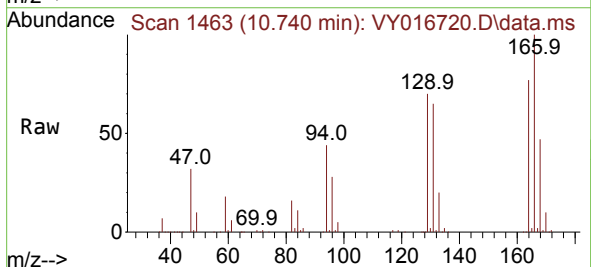
Ion Ratio Lower Upper

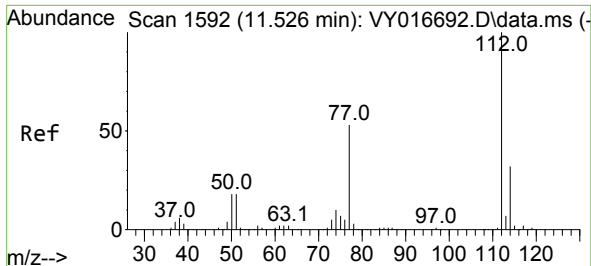
164 100

166 129.7 103.9 155.9

129 90.3 71.4 107.2

131 83.7 69.9 104.9

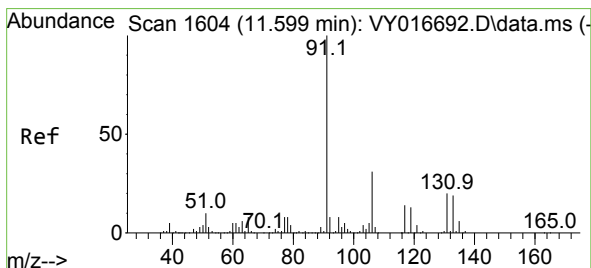
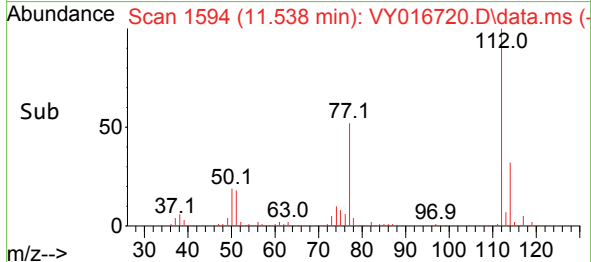
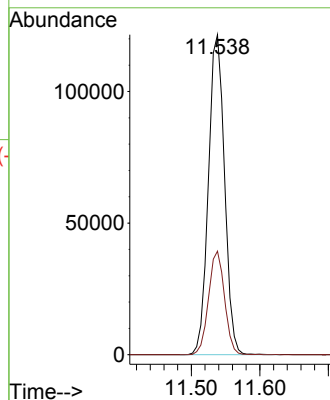
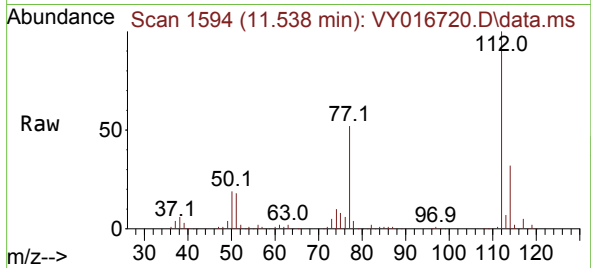




#65
Chlorobenzene
Concen: 52.746 ug/l
RT: 11.538 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

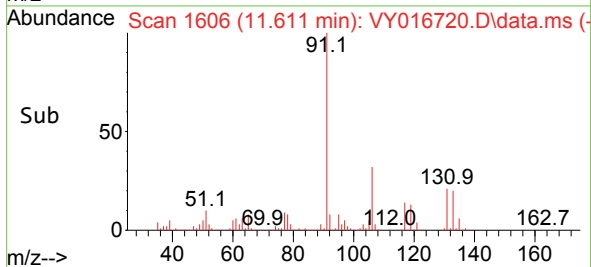
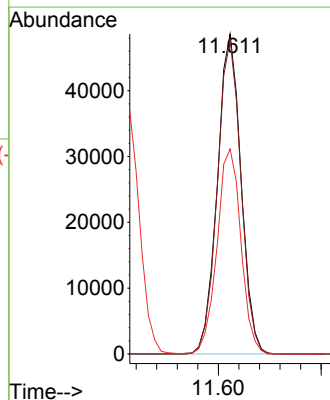
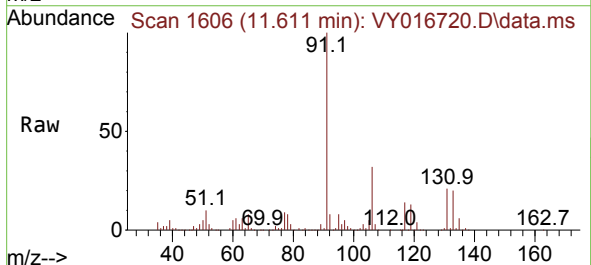
Instrument :
MSVOA_Y
ClientSampleId :

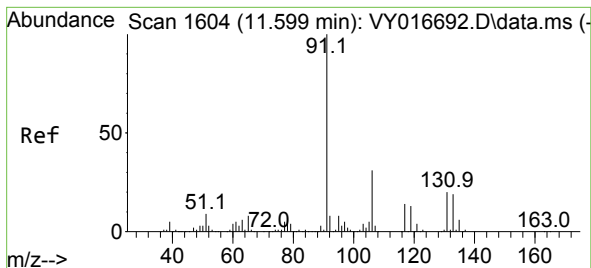
Tgt Ion:112 Resp: 198973
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.075 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion:131 Resp: 77566
Ion Ratio Lower Upper
131 100
133 97.4 48.5 145.6
119 64.7 32.9 98.7





#67

Ethyl Benzene

Concen: 52.824 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

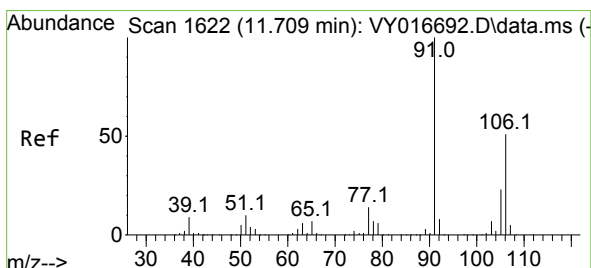
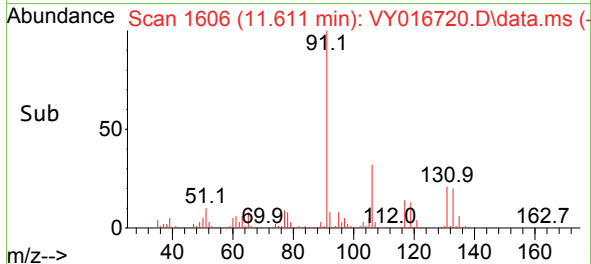
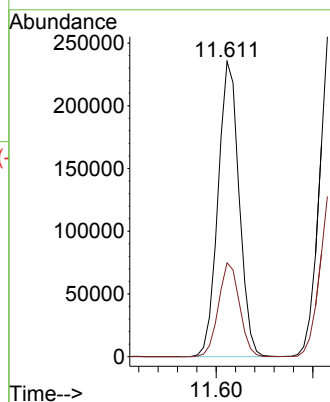
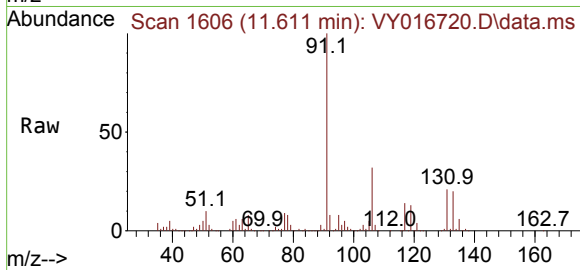
ClientSampleId :

Tgt Ion: 91 Resp: 355994

Ion Ratio Lower Upper

91 100

106 31.8 24.7 37.1



#68

m/p-Xylenes

Concen: 106.329 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016720.D

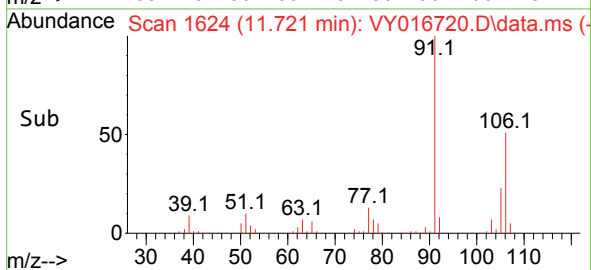
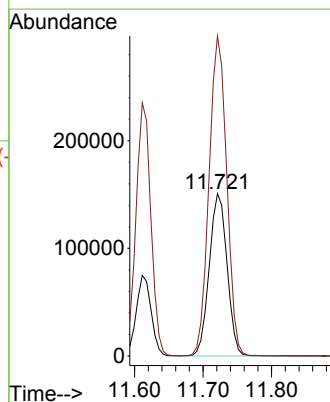
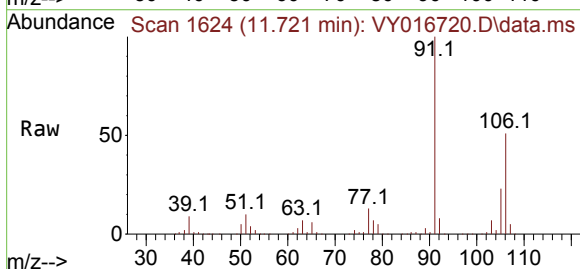
Acq: 20 Dec 2023 01:54

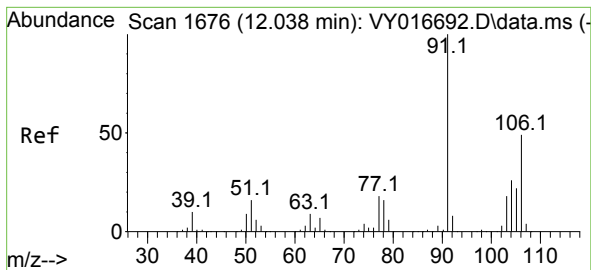
Tgt Ion:106 Resp: 271625

Ion Ratio Lower Upper

106 100

91 195.8 156.2 234.2





#69

o-Xylene

Concen: 53.885 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

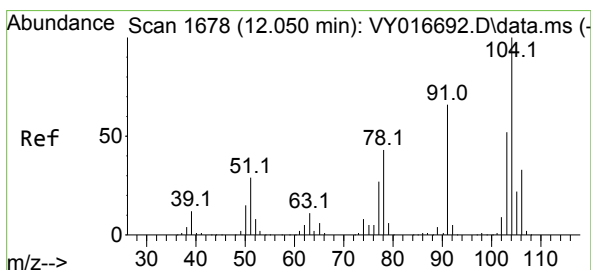
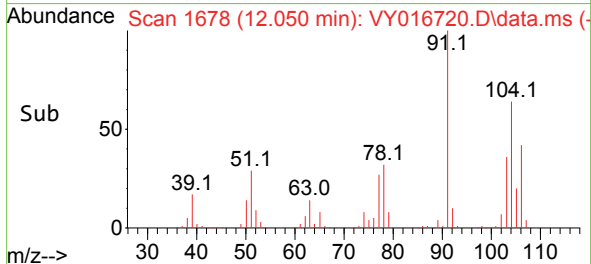
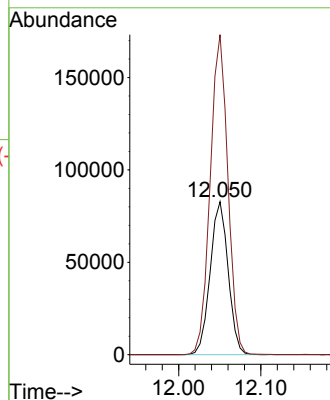
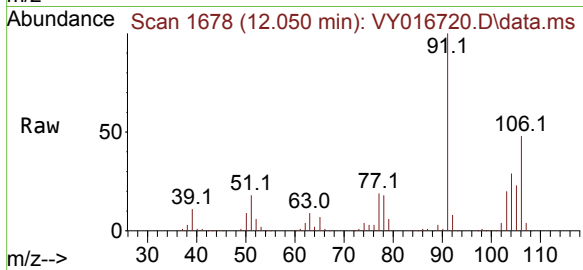
ClientSampleId :

Tgt Ion:106 Resp: 125749

Ion Ratio Lower Upper

106 100

91 206.0 102.8 308.4



#70

Styrene

Concen: 53.826 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

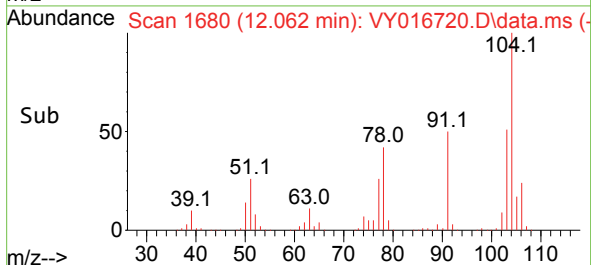
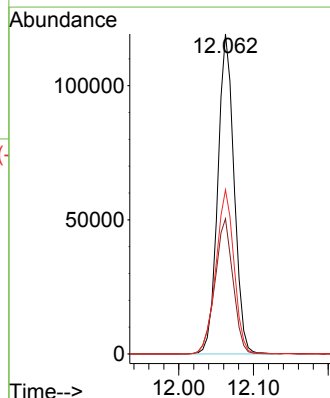
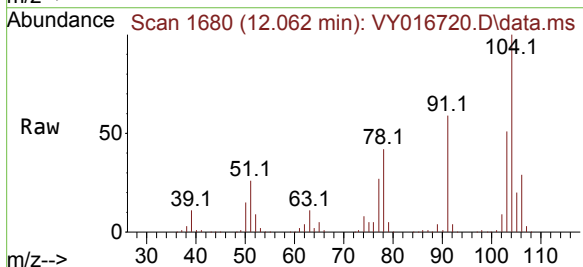
Tgt Ion:104 Resp: 181373

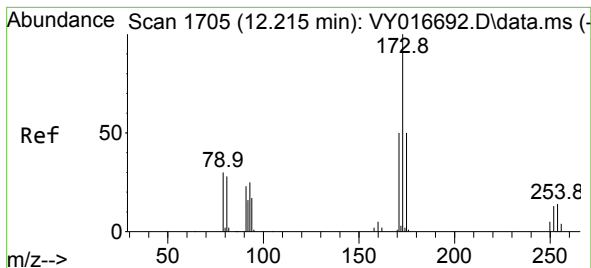
Ion Ratio Lower Upper

104 100

78 47.0 38.2 57.2

103 56.9 44.3 66.5





#71

Bromoform

Concen: 52.526 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

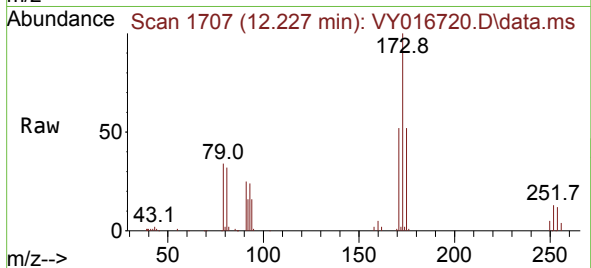
Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

ClientSampleId :



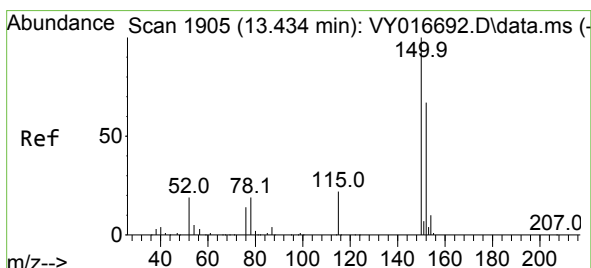
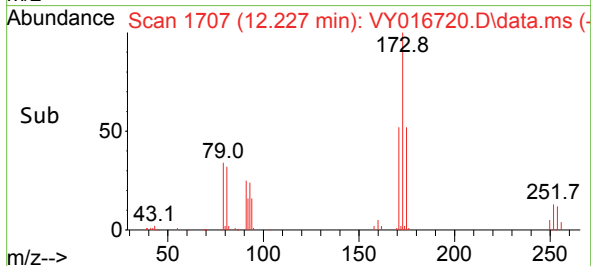
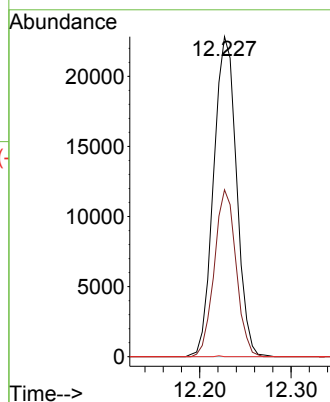
Tgt Ion:173 Resp: 39759

Ion Ratio Lower Upper

173 100

175 49.6 24.2 72.6

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

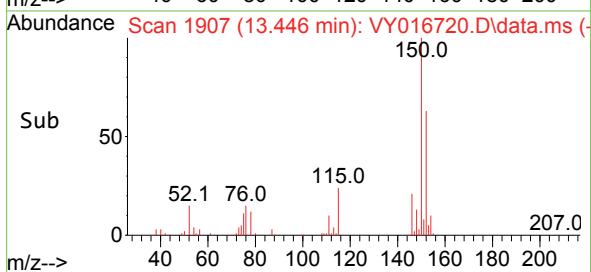
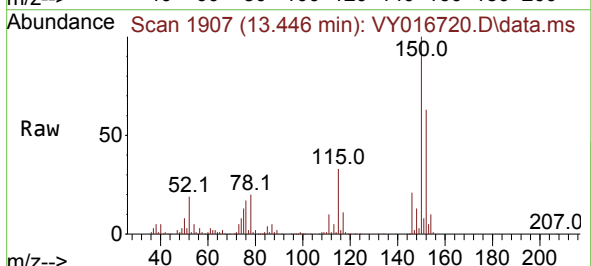
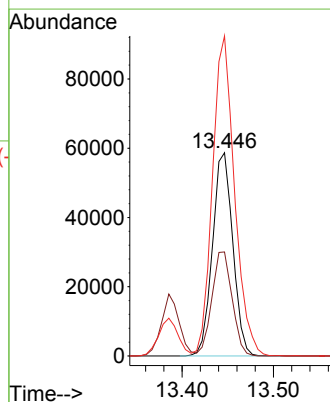
Tgt Ion:152 Resp: 90560

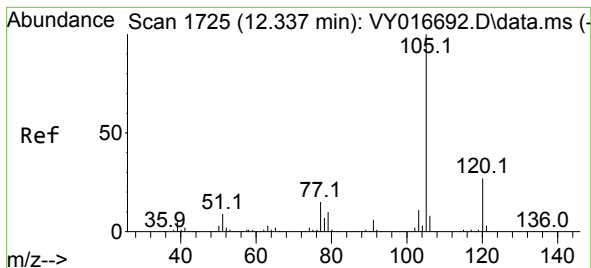
Ion Ratio Lower Upper

152 100

115 51.0 28.2 84.7

150 171.0 0.0 350.6





#73

Isopropylbenzene

Concen: 53.244 ug/l

RT: 12.349 min Scan# 1727

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

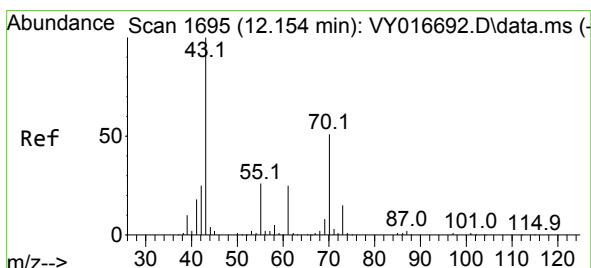
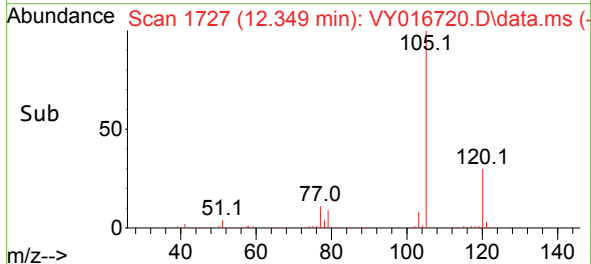
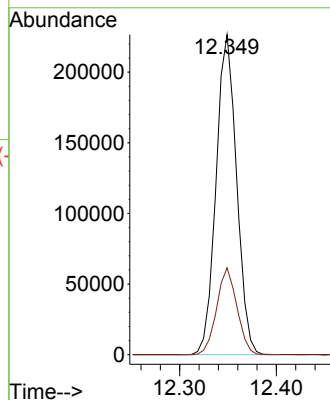
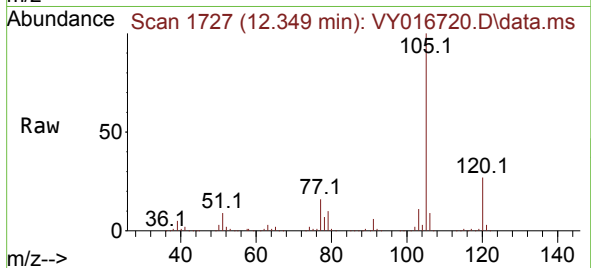
ClientSampleId :

Tgt Ion:105 Resp: 333389

Ion Ratio Lower Upper

105 100

120 26.8 13.6 40.8



#74

N-ethyl acetate

Concen: 47.776 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Tgt Ion: 43 Resp: 54131

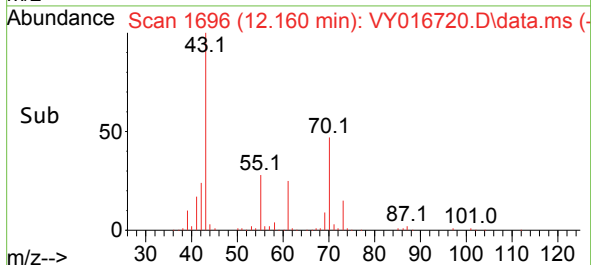
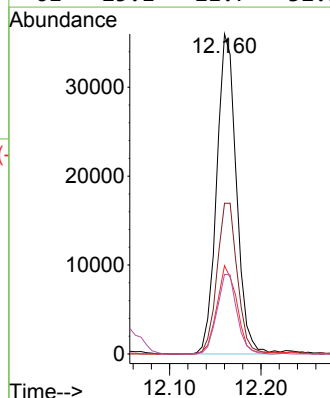
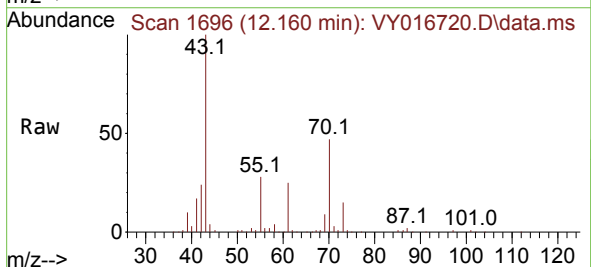
Ion Ratio Lower Upper

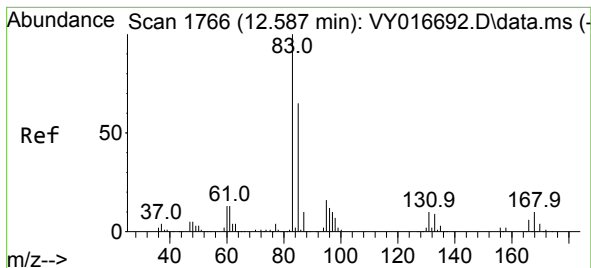
43 100

70 48.8 41.2 61.8

55 28.7 22.2 33.2

61 25.1 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.574 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

ClientSampleId :

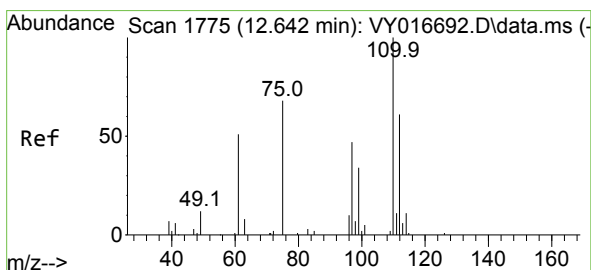
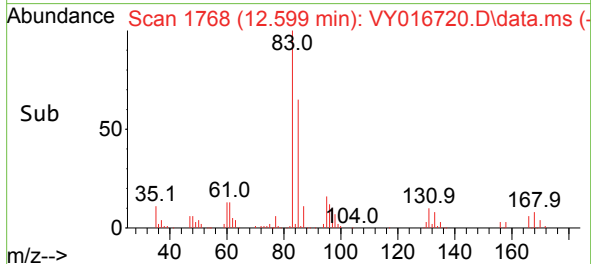
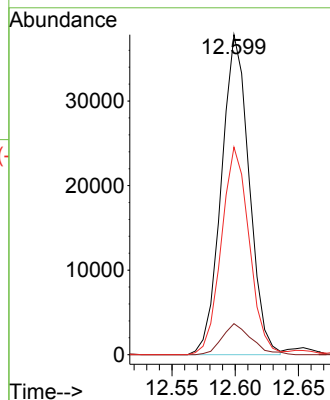
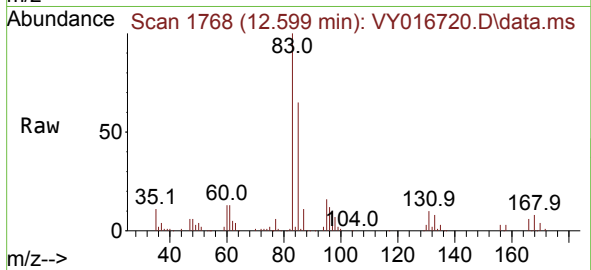
Tgt Ion: 83 Resp: 57759

Ion Ratio Lower Upper

83 100

131 10.2 5.5 16.4

85 65.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 86.156 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016720.D

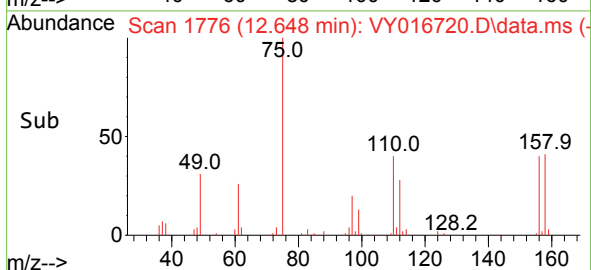
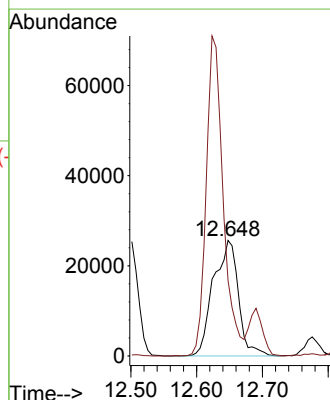
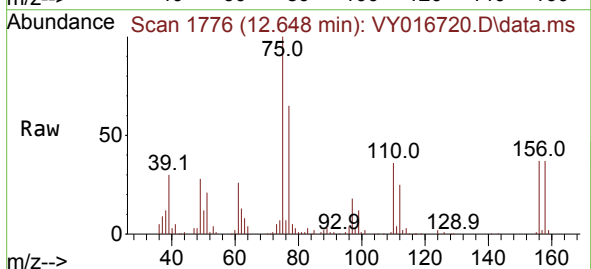
Acq: 20 Dec 2023 01:54

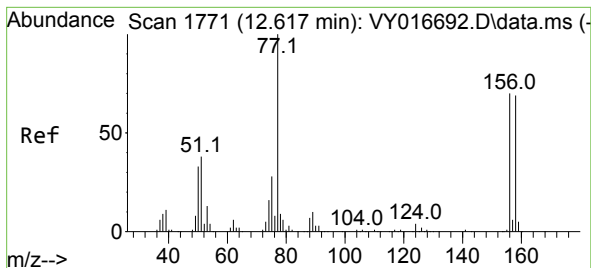
Tgt Ion: 75 Resp: 67822

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.637 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

ClientSampleId :

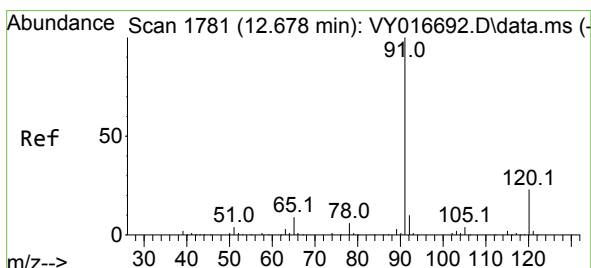
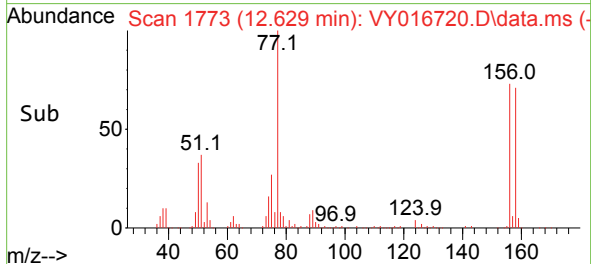
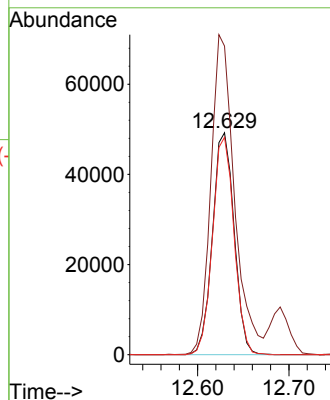
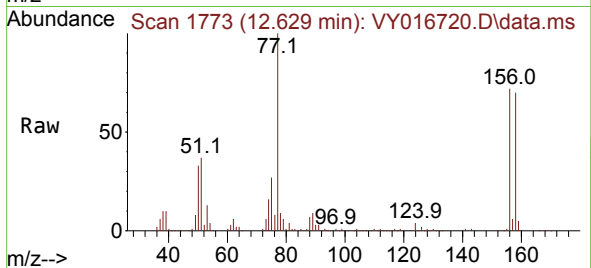
Tgt Ion:156 Resp: 80980

Ion Ratio Lower Upper

156 100

77 158.1 83.5 250.7

158 97.5 49.0 147.0



#78

n-propylbenzene

Concen: 52.949 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016720.D

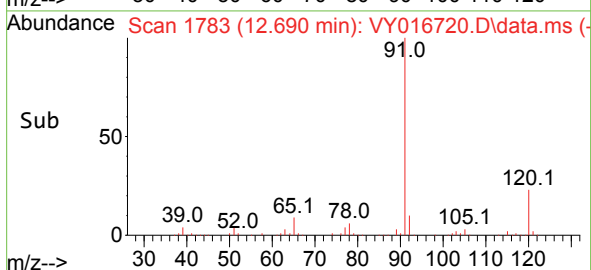
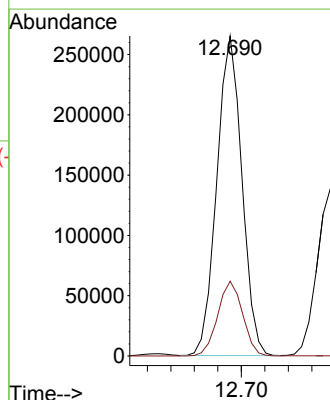
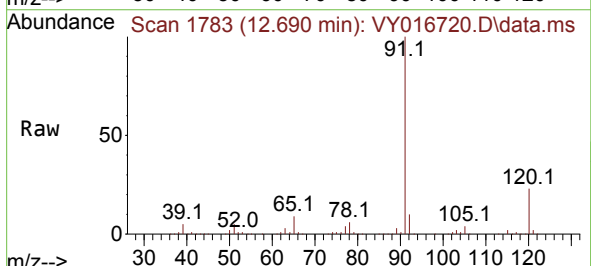
Acq: 20 Dec 2023 01:54

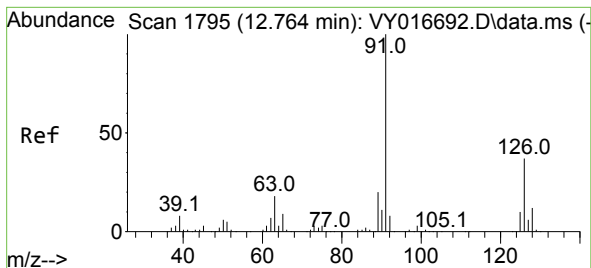
Tgt Ion: 91 Resp: 393057

Ion Ratio Lower Upper

91 100

120 23.1 11.9 35.7





#79

2-Chlorotoluene

Concen: 52.386 ug/l

RT: 12.776 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

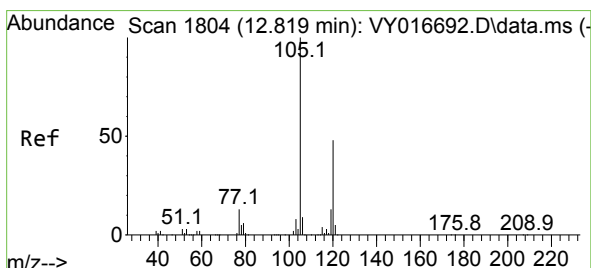
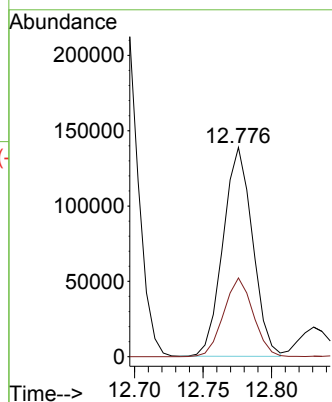
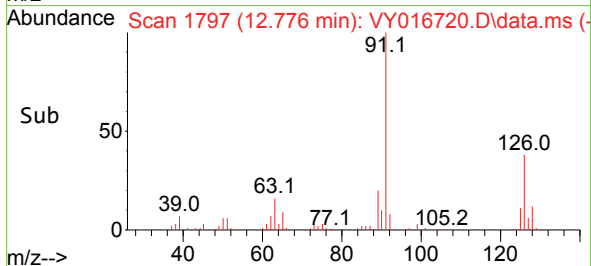
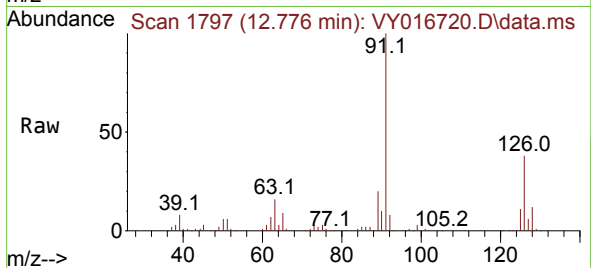
ClientSampleId :

Tgt Ion: 91 Resp: 208303

Ion Ratio Lower Upper

91 100

126 37.7 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 54.164 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.012 min

Lab File: VY016720.D

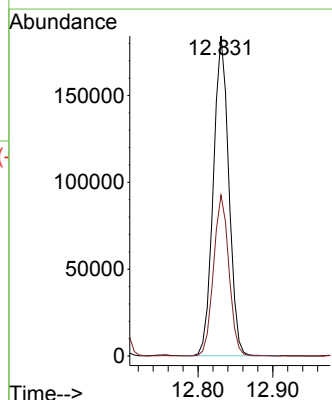
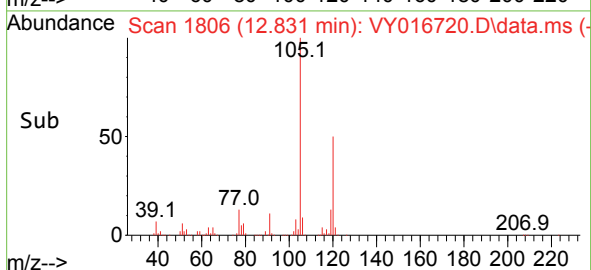
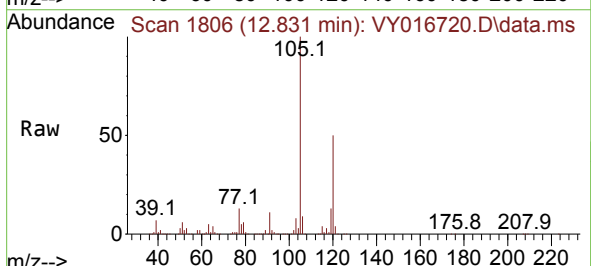
Acq: 20 Dec 2023 01:54

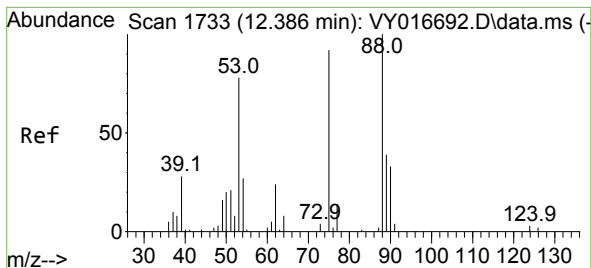
Tgt Ion:105 Resp: 265767

Ion Ratio Lower Upper

105 100

120 50.0 25.2 75.6

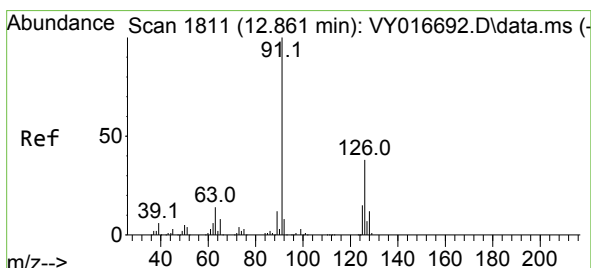
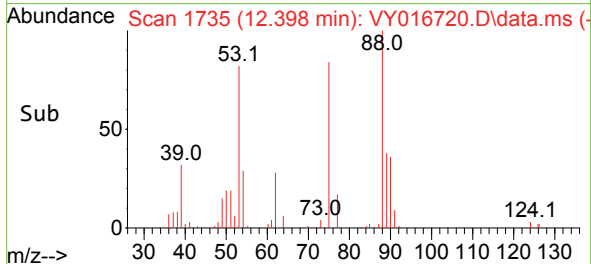
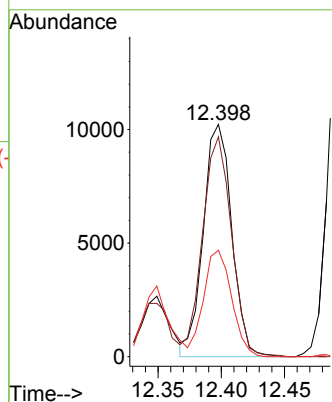
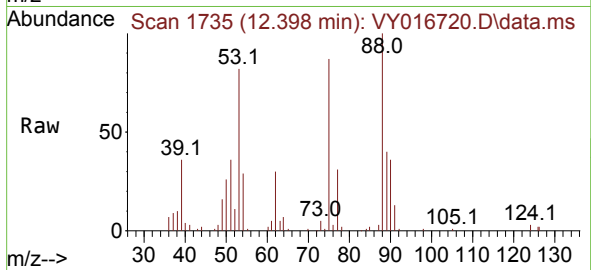




#81
trans-1,4-Dichloro-2-butene
Concen: 46.631 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

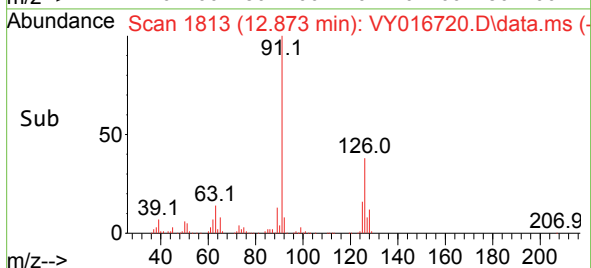
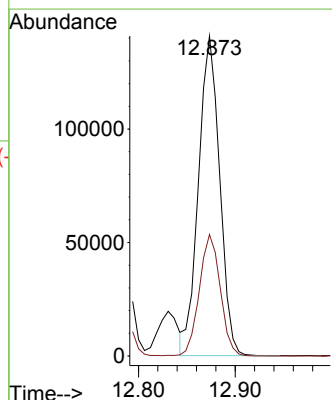
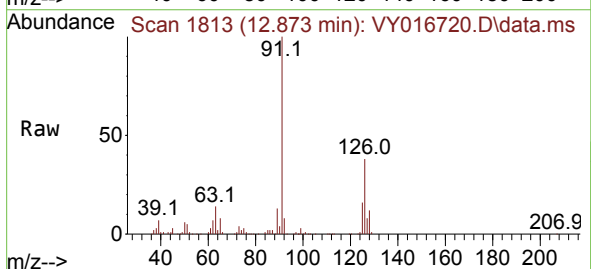
Instrument :
MSVOA_Y
ClientSampleId :

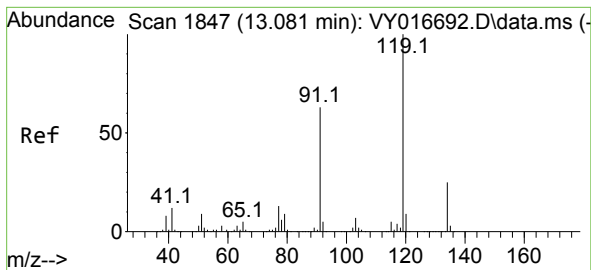
Tgt Ion: 75 Resp: 15999
Ion Ratio Lower Upper
75 100
53 96.6 62.9 94.3#
89 45.0 35.8 53.8



#82
4-Chlorotoluene
Concen: 52.161 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion: 91 Resp: 214473
Ion Ratio Lower Upper
91 100
126 37.6 18.0 54.0





#83

tert-Butylbenzene

Concen: 53.643 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

ClientSampleId :

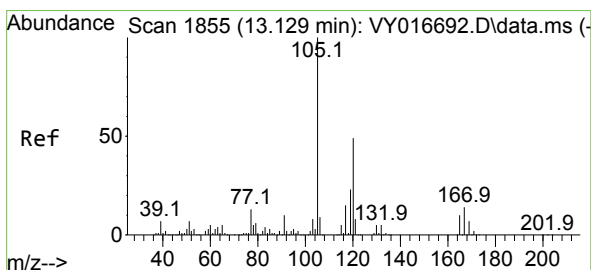
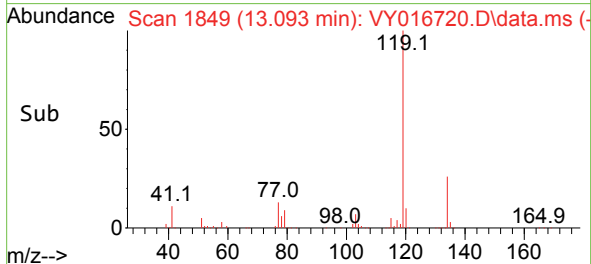
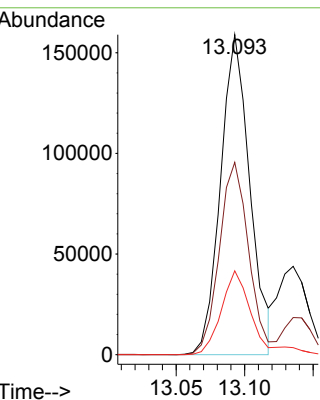
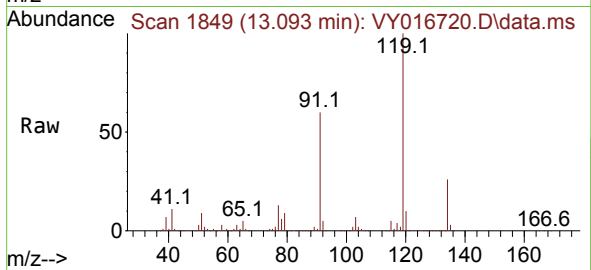
Tgt Ion:119 Resp: 236842

Ion Ratio Lower Upper

119 100

91 59.8 30.8 92.3

134 27.5 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 53.982 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.012 min

Lab File: VY016720.D

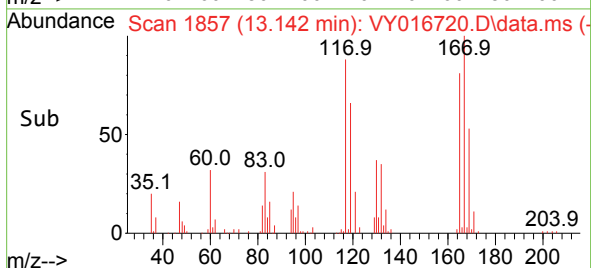
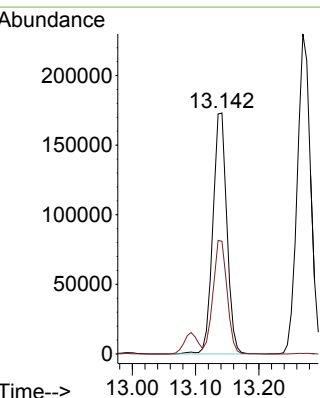
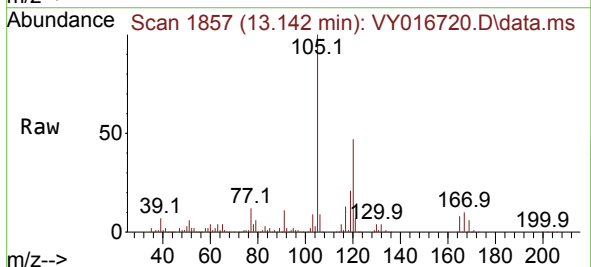
Acq: 20 Dec 2023 01:54

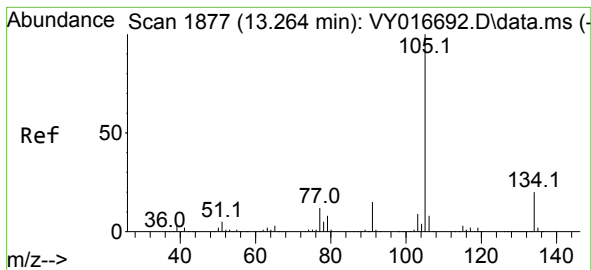
Tgt Ion:105 Resp: 265504

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.5





#85

sec-Butylbenzene

Concen: 53.009 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

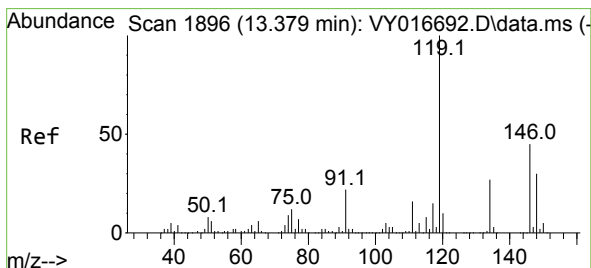
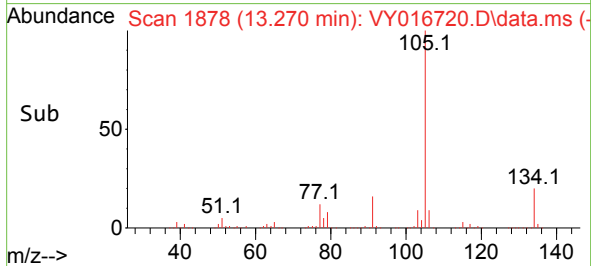
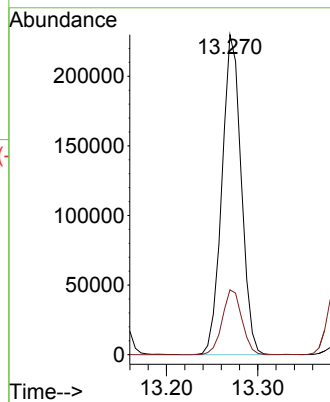
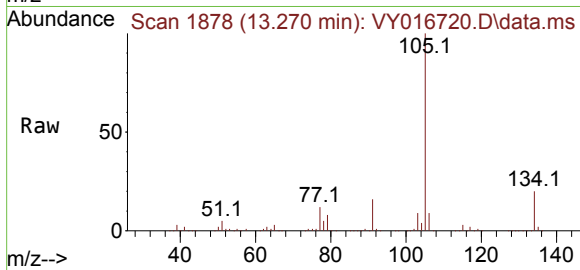
ClientSampleId :

Tgt Ion:105 Resp: 337519

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 53.471 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

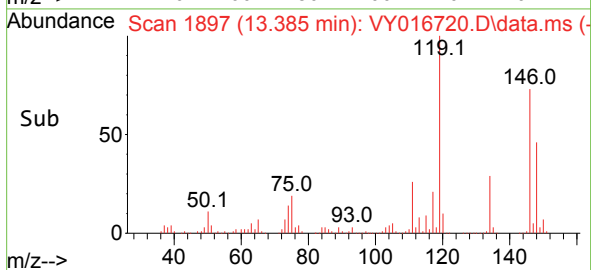
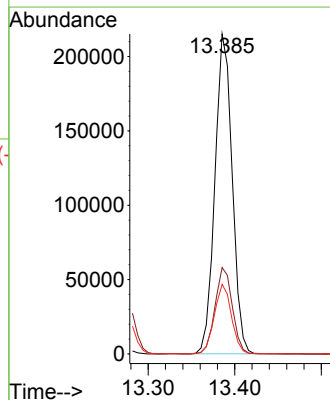
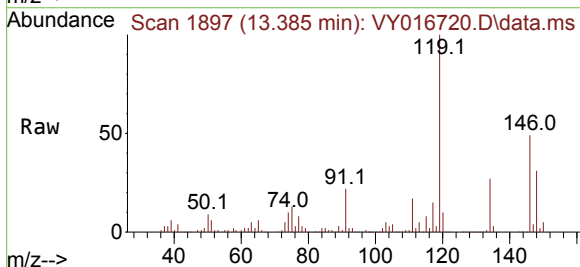
Tgt Ion:119 Resp: 297655

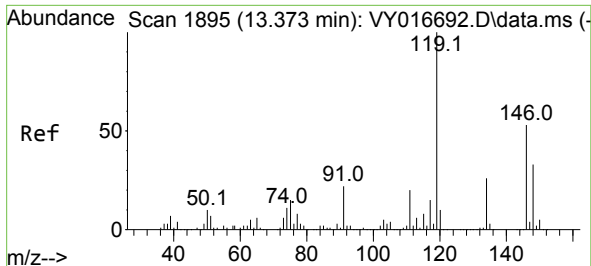
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 21.7 11.2 33.5

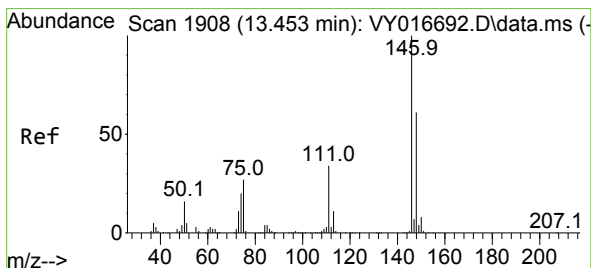
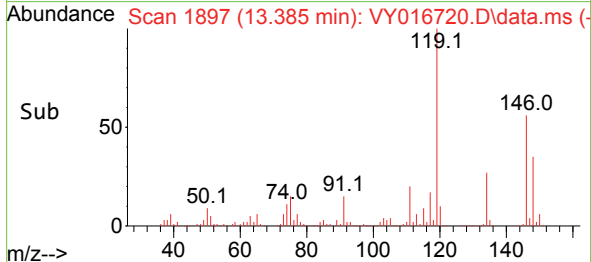
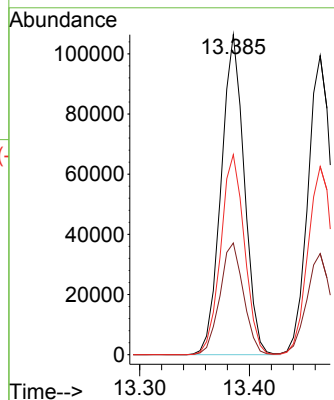
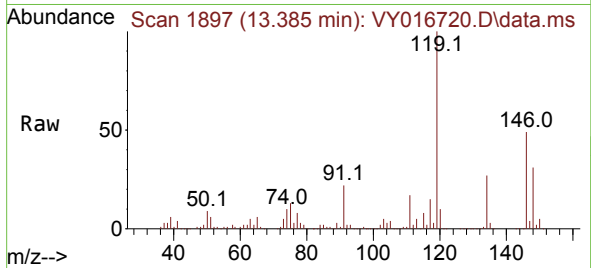




#87
1,3-Dichlorobenzene
Concen: 52.206 ug/l
RT: 13.385 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

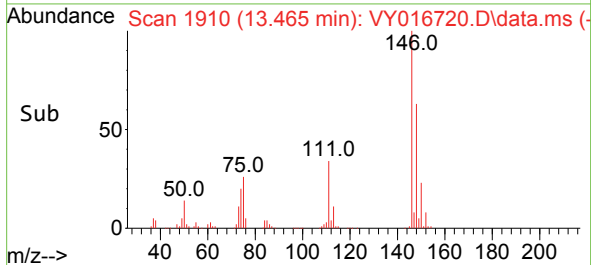
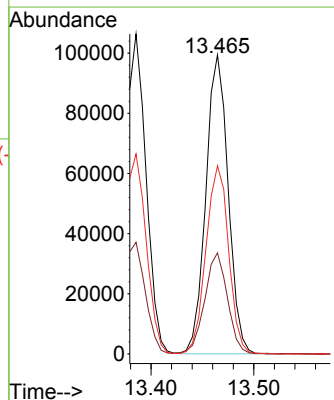
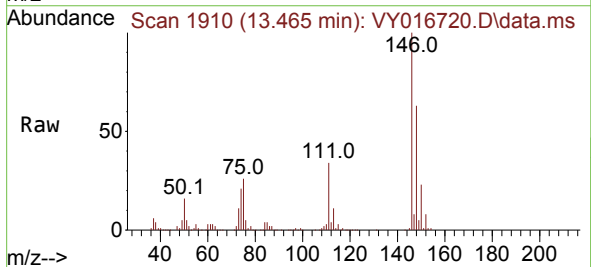
Instrument :
MSVOA_Y
ClientSampleId :

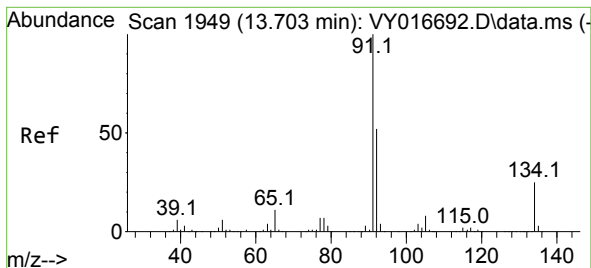
Tgt Ion:146 Resp: 155973
Ion Ratio Lower Upper
146 100
111 35.6 19.1 57.1
148 64.1 31.6 94.8



#88
1,4-Dichlorobenzene
Concen: 52.423 ug/l
RT: 13.465 min Scan# 1910
Delta R.T. 0.012 min
Lab File: VY016720.D
Acq: 20 Dec 2023 01:54

Tgt Ion:146 Resp: 150045
Ion Ratio Lower Upper
146 100
111 34.7 18.4 55.4
148 64.0 32.0 96.2





#89

n-Butylbenzene

Concen: 51.940 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

ClientSampleId :

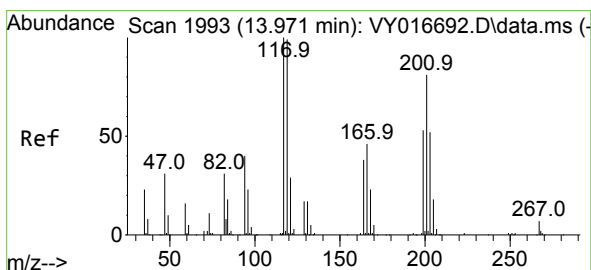
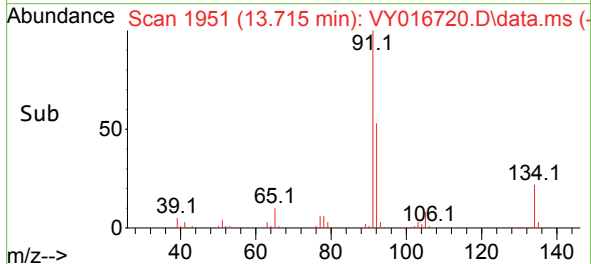
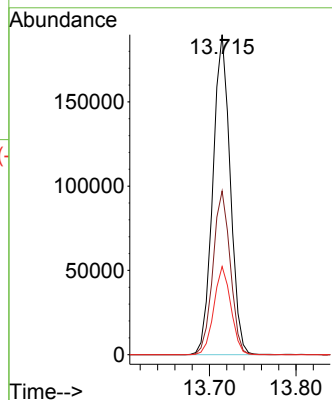
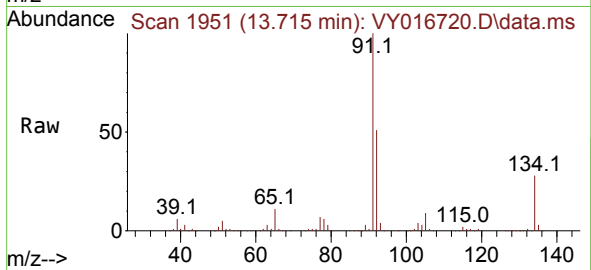
Tgt Ion: 91 Resp: 264304

Ion Ratio Lower Upper

91 100

92 51.1 26.5 79.5

134 27.0 13.7 41.1



#90

Hexachloroethane

Concen: 53.688 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016720.D

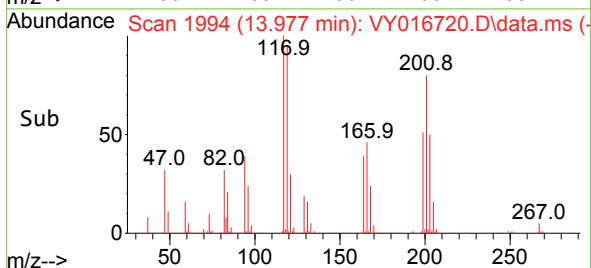
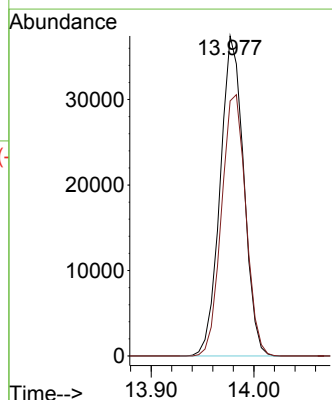
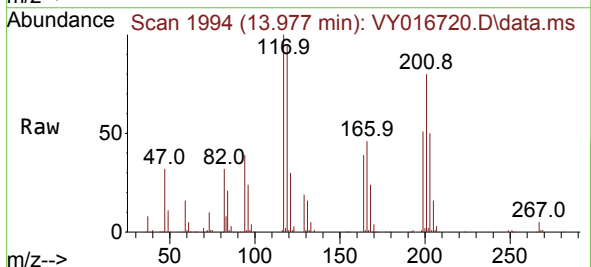
Acq: 20 Dec 2023 01:54

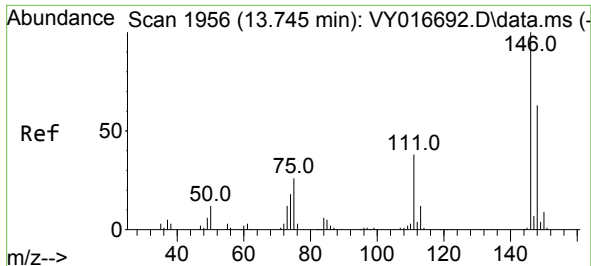
Tgt Ion: 117 Resp: 59562

Ion Ratio Lower Upper

117 100

201 84.1 41.5 124.5





#91

1,2-Dichlorobenzene

Concen: 53.365 ug/l

RT: 13.757 min Scan# 1958

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

ClientSampleId :

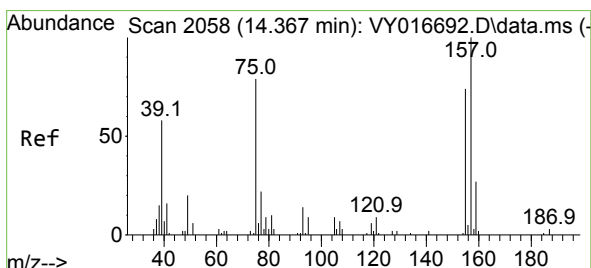
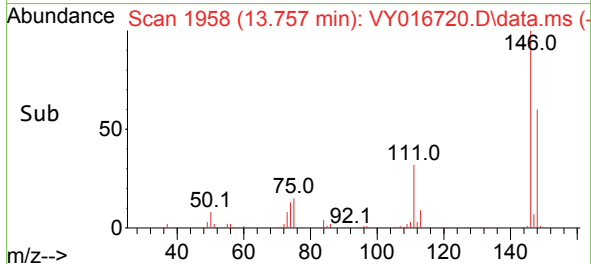
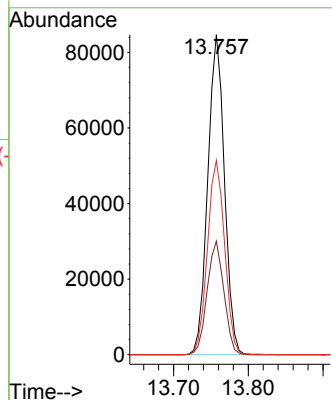
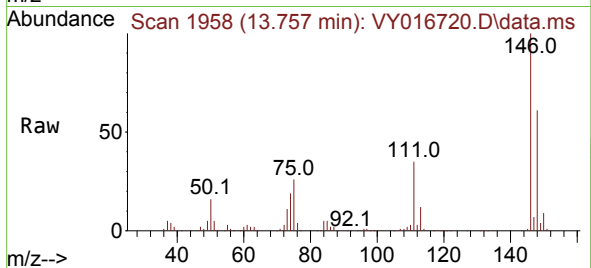
Tgt Ion:146 Resp: 130983

Ion Ratio Lower Upper

146 100

111 35.7 19.5 58.5

148 62.7 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.795 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

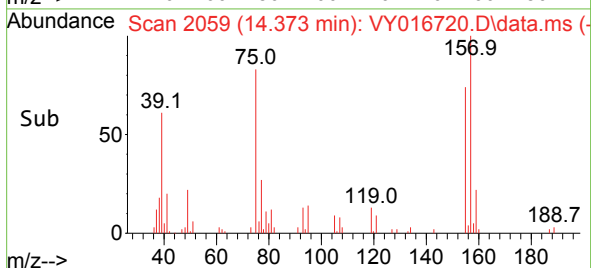
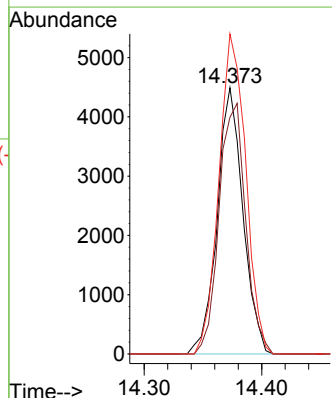
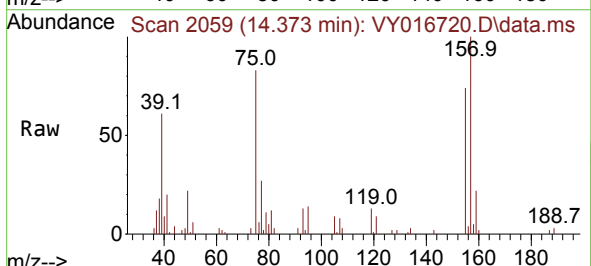
Tgt Ion: 75 Resp: 6843

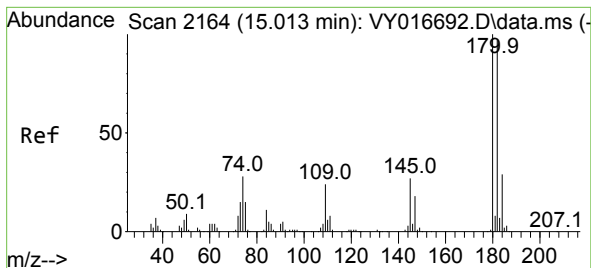
Ion Ratio Lower Upper

75 100

155 97.2 49.4 148.2

157 125.4 64.4 193.2





#93

1,2,4-Trichlorobenzene

Concen: 50.710 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

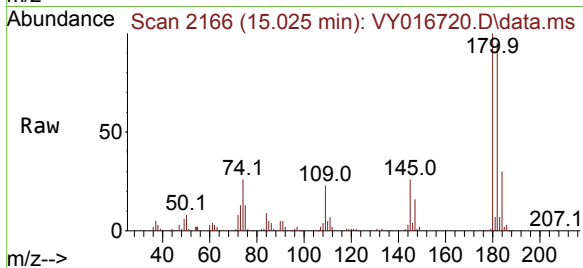
Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

ClientSampleId :



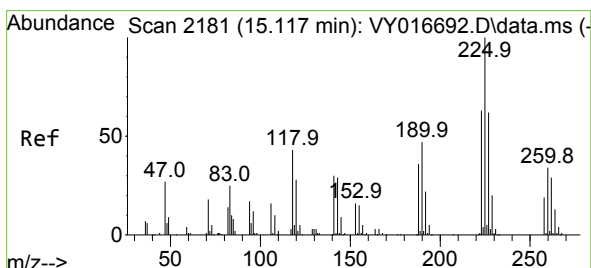
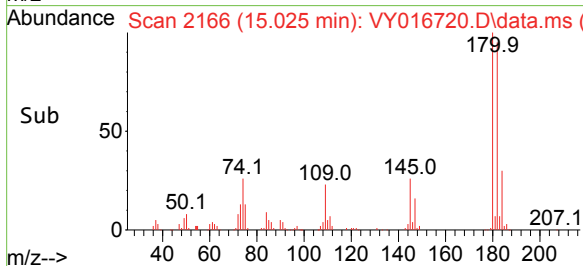
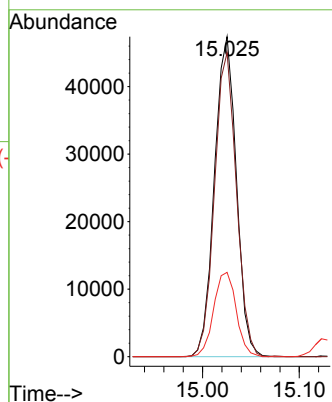
Tgt Ion:180 Resp: 74401

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

145 27.2 14.8 44.4



#94

Hexachlorobutadiene

Concen: 51.981 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.012 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

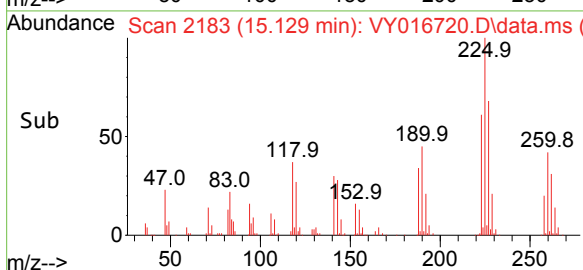
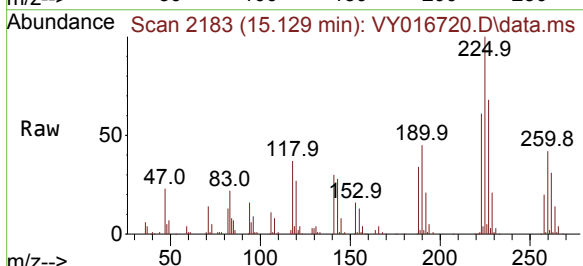
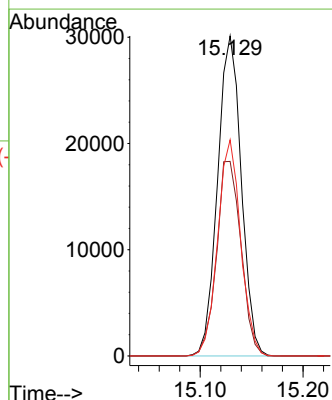
Tgt Ion:225 Resp: 48202

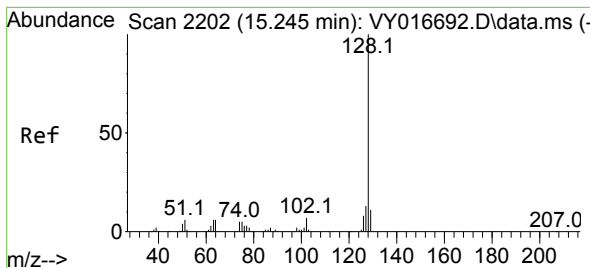
Ion Ratio Lower Upper

225 100

223 62.6 31.4 94.2

227 65.5 31.9 95.9





#95

Naphthalene

Concen: 49.555 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Instrument :

MSVOA_Y

ClientSampleId :

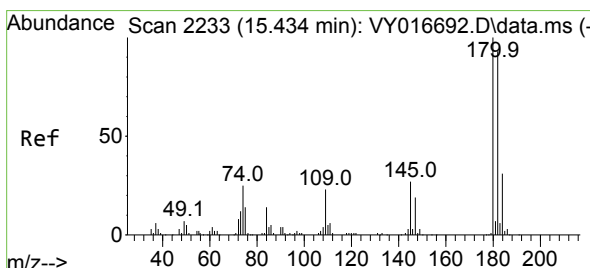
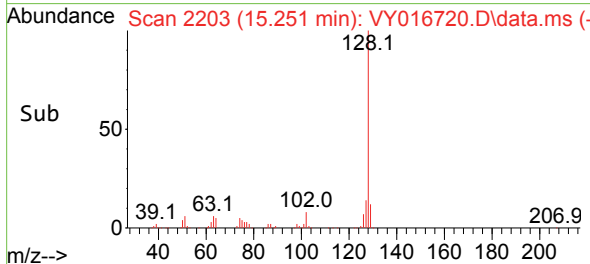
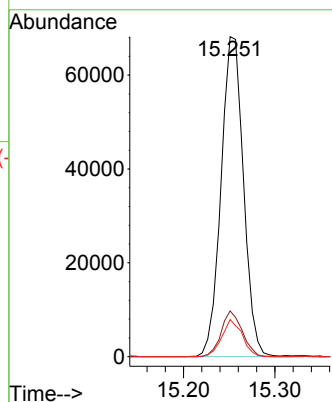
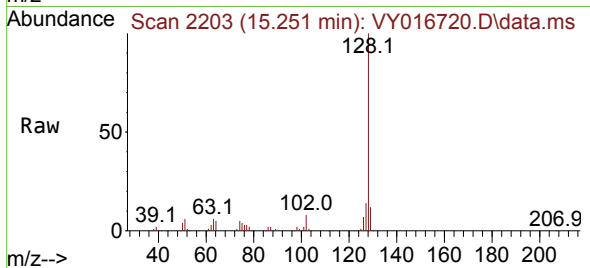
Tgt Ion:128 Resp: 116385

Ion Ratio Lower Upper

128 100

127 13.4 10.1 15.1

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 49.782 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016720.D

Acq: 20 Dec 2023 01:54

Tgt Ion:180 Resp: 61776

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.8

145 28.2 15.5 46.5

