

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016739.D
 Acq On : 21 Dec 2023 04:32
 Operator : SY/MD
 Sample : VY1220SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 04:42:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.820	168	135765	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	247084	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	212172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	90960	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	79310	63.991	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.980%	
35) Dibromofluoromethane	7.752	113	81481	57.569	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.140%	
50) Toluene-d8	10.203	98	290021	56.842	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.680%	
62) 4-Bromofluorobenzene	12.502	95	93530	56.503	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	24377	21.010	ug/l	99
3) Chloromethane	2.132	50	38682	21.690	ug/l	100
4) Vinyl Chloride	2.272	62	42867	21.280	ug/l	97
5) Bromomethane	2.668	94	32861	22.904	ug/l	95
6) Chloroethane	2.814	64	30709	22.498	ug/l	98
7) Trichlorofluoromethane	3.156	101	48577	20.700	ug/l	95
8) Diethyl Ether	3.552	74	17685	23.558	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.930	101	28953	20.113	ug/l	98
10) Methyl Iodide	4.125	142	34018	22.678	ug/l	99
11) Tert butyl alcohol	4.997	59	14259	140.318	ug/l	96
12) 1,1-Dichloroethene	3.906	96	27462	21.426	ug/l	95
13) Acrolein	3.759	56	12253	156.277	ug/l	98
14) Allyl chloride	4.515	41	45048	22.947	ug/l	99
15) Acrylonitrile	5.198	53	40621	127.777	ug/l	100
16) Acetone	3.979	43	41398	123.523	ug/l	98
17) Carbon Disulfide	4.229	76	72705	20.848	ug/l	98
18) Methyl Acetate	4.515	43	38806	29.629	ug/l	98
19) Methyl tert-butyl Ether	5.259	73	78788	23.891	ug/l	96
20) Methylene Chloride	4.753	84	48769	26.793	ug/l	98
21) trans-1,2-Dichloroethene	5.259	96	33378	22.834	ug/l	100
22) Diisopropyl ether	6.155	45	105494	23.753	ug/l	96
23) Vinyl Acetate	6.100	43	238194	113.396	ug/l	99
24) 1,1-Dichloroethane	6.052	63	61866	23.188	ug/l	98
25) 2-Butanone	7.021	43	58292	126.328	ug/l	99
26) 2,2-Dichloropropane	7.015	77	48104	20.661	ug/l	98
27) cis-1,2-Dichloroethene	7.021	96	38448	22.854	ug/l	98
28) Bromochloromethane	7.362	49	23944	22.675	ug/l	98
29) Tetrahydrofuran	7.381	42	33094	131.164	ug/l	99
30) Chloroform	7.539	83	63470	23.239	ug/l	94
31) Cyclohexane	7.813	56	46624	19.634	ug/l	95
32) 1,1,1-Trichloroethane	7.734	97	51633	21.537	ug/l	99
36) 1,1-Dichloropropene	7.948	75	45068	19.862	ug/l	100
37) Ethyl Acetate	7.112	43	24226	24.909	ug/l	97
38) Carbon Tetrachloride	7.935	117	44632	19.878	ug/l	96
39) Methylcyclohexane	9.210	83	47922	18.292	ug/l	96
40) Benzene	8.191	78	140793	21.323	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016739.D
 Acq On : 21 Dec 2023 04:32
 Operator : SY/MD
 Sample : VY1220SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 04:42:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	11512	22.294	ug/l #	83
42) 1,2-Dichloroethane	8.265	62	39802	23.105	ug/l	100
43) Isopropyl Acetate	8.301	43	43853	23.216	ug/l	100
44) Trichloroethene	8.966	130	34738	20.612	ug/l	97
45) 1,2-Dichloropropane	9.240	63	35577	21.479	ug/l	99
46) Dibromomethane	9.331	93	19115	22.339	ug/l	98
47) Bromodichloromethane	9.520	83	47955	21.263	ug/l	98
48) Methyl methacrylate	9.319	41	25215	24.019	ug/l	97
49) 1,4-Dioxane	9.325	88	3404	409.872	ug/l	88
51) 4-Methyl-2-Pentanone	10.094	43	119224	118.461	ug/l	100
52) Toluene	10.264	92	84797	21.430	ug/l	100
53) t-1,3-Dichloropropene	10.484	75	44578	21.677	ug/l	97
54) cis-1,3-Dichloropropene	9.953	75	53407	21.531	ug/l	97
55) 1,1,2-Trichloroethane	10.667	97	27663	22.659	ug/l	97
56) Ethyl methacrylate	10.532	69	24239	22.579	ug/l	97
57) 1,3-Dichloropropane	10.807	76	46054	22.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.807	63	68553	118.705	ug/l	99
59) 2-Hexanone	10.849	43	86695	115.522	ug/l	99
60) Dibromochloromethane	11.002	129	30996	21.948	ug/l	100
61) 1,2-Dibromoethane	11.106	107	25182	23.001	ug/l	100
64) Tetrachloroethene	10.746	164	29259	22.200	ug/l	96
65) Chlorobenzene	11.538	112	88513	21.233	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.612	131	32471	20.703	ug/l	99
67) Ethyl Benzene	11.612	91	157128	20.479	ug/l	99
68) m/p-Xylenes	11.721	106	115643	40.816	ug/l	99
69) o-Xylene	12.050	106	54321	20.898	ug/l	98
70) Styrene	12.063	104	79347	20.629	ug/l	98
71) Bromoform	12.227	173	17463	22.333	ug/l #	98
73) Isopropylbenzene	12.349	105	145140	20.488	ug/l	99
74) N-amyl acetate	12.160	43	32149	21.624	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.599	83	32095	22.672	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	37775	37.568	ug/l #	100
77) Bromobenzene	12.630	156	33000	21.353	ug/l	99
78) n-propylbenzene	12.691	91	176295	20.540	ug/l	99
79) 2-Chlorotoluene	12.776	91	99637	20.979	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	115075	20.521	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	9204	21.496	ug/l	99
82) 4-Chlorotoluene	12.874	91	102760	21.090	ug/l	99
83) tert-Butylbenzene	13.093	119	101209	20.749	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	115541	20.895	ug/l	99
85) sec-Butylbenzene	13.270	105	146490	20.276	ug/l	99
86) p-Isopropyltoluene	13.386	119	120614	20.046	ug/l	100
87) 1,3-Dichlorobenzene	13.380	146	63175	20.917	ug/l	97
88) 1,4-Dichlorobenzene	13.465	146	61705	20.923	ug/l	98
89) n-Butylbenzene	13.709	91	114755	19.952	ug/l	99
90) Hexachloroethane	13.977	117	25572	20.411	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	55135	21.428	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4218	22.986	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	27787	20.353	ug/l	98
94) Hexachlorobutadiene	15.129	225	15269	19.691	ug/l	99
95) Naphthalene	15.251	128	55410	21.092	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	25019	21.517	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
Data File : VY016739.D
Acq On : 21 Dec 2023 04:32
Operator : SY/MD
Sample : VY1220SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 21 04:42:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

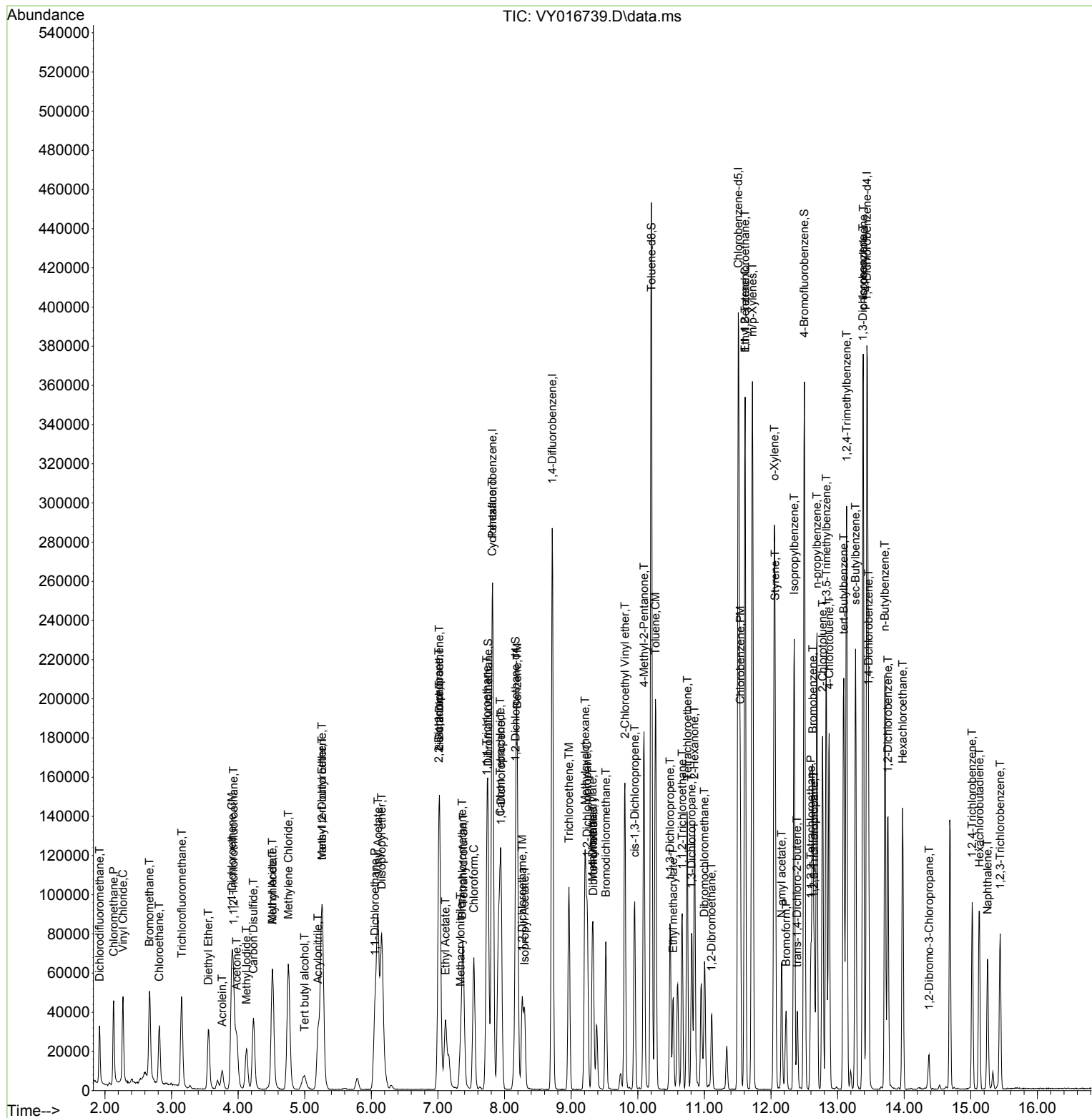
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

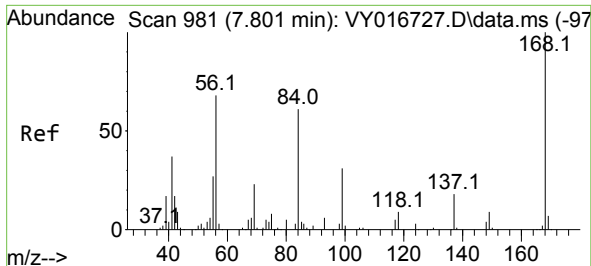
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122023\
 Data File : VY016739.D
 Acq On : 21 Dec 2023 04:32
 Operator : SY/MD
 Sample : VY1220SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 21 04:42:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

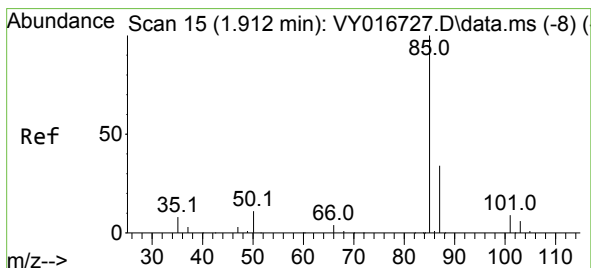
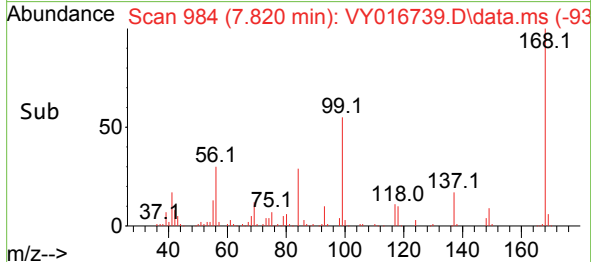
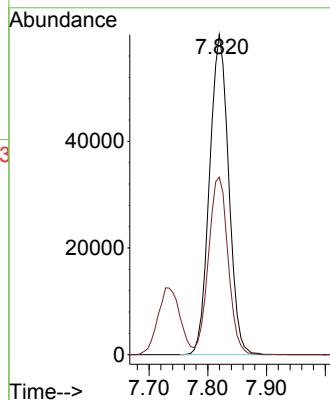
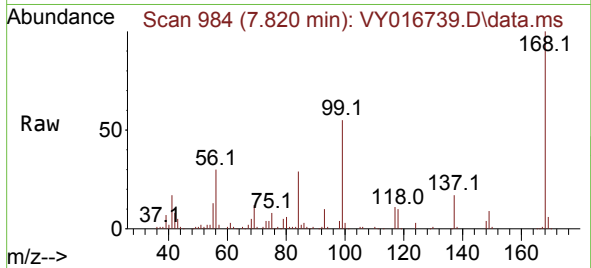




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.820 min Scan# 981
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

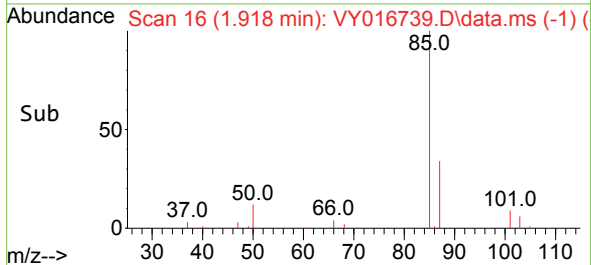
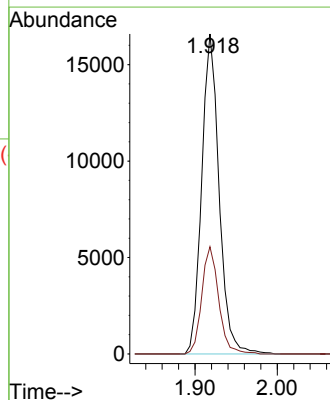
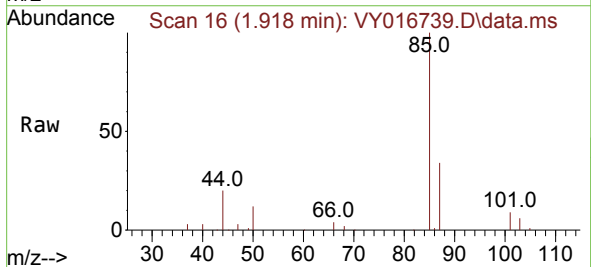
Instrument :
MSVOA_Y
ClientSampleId :

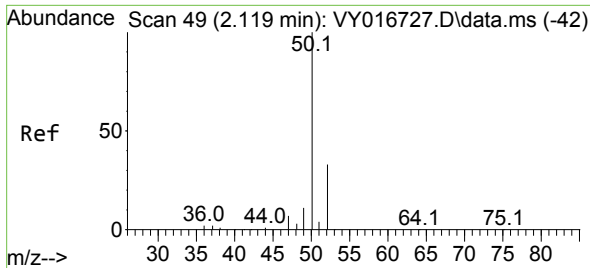
Tgt Ion:168 Resp: 135765
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 21.010 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Tgt Ion: 85 Resp: 24377
Ion Ratio Lower Upper
85 100
87 33.5 17.1 51.3

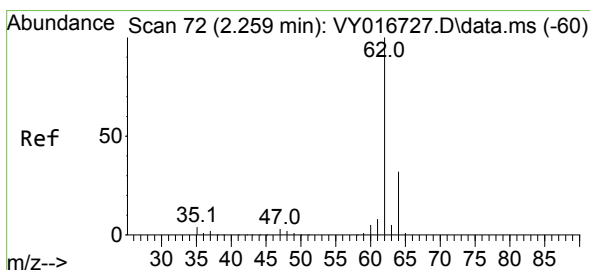
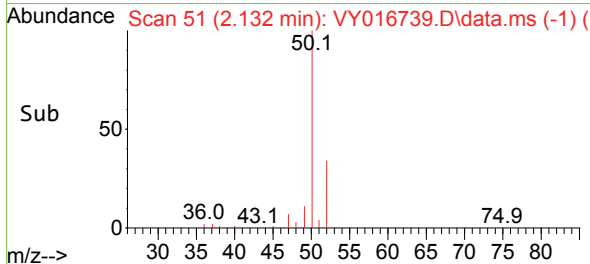
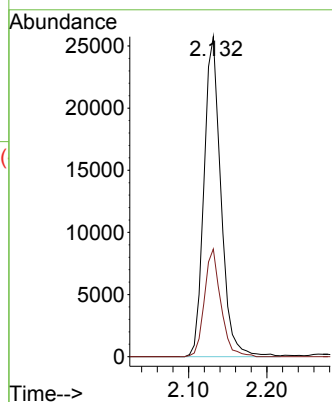
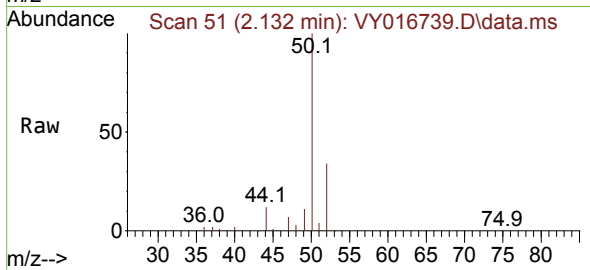




#3
Chloromethane
Concen: 21.690 ug/l
RT: 2.132 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

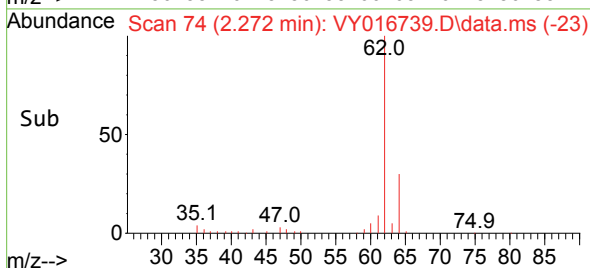
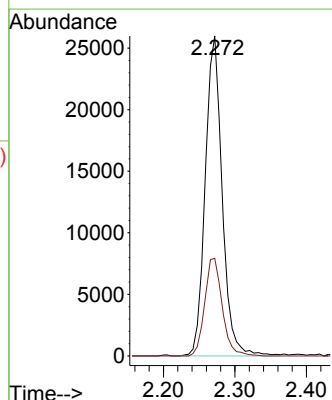
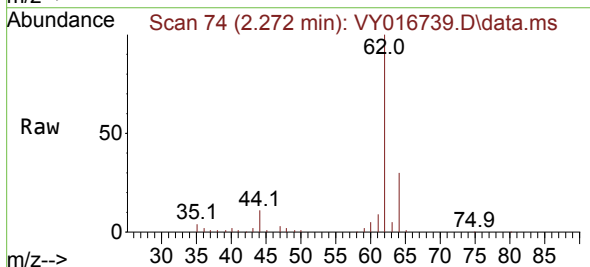
Instrument :
MSVOA_Y
ClientSampleId :

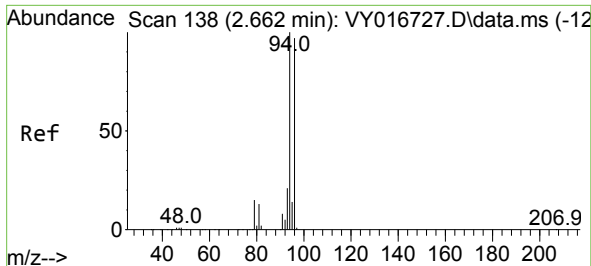
Tgt Ion: 50 Resp: 38682
Ion Ratio Lower Upper
50 100
52 33.7 26.7 40.1



#4
Vinyl Chloride
Concen: 21.280 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Tgt Ion: 62 Resp: 42867
Ion Ratio Lower Upper
62 100
64 30.5 25.7 38.5

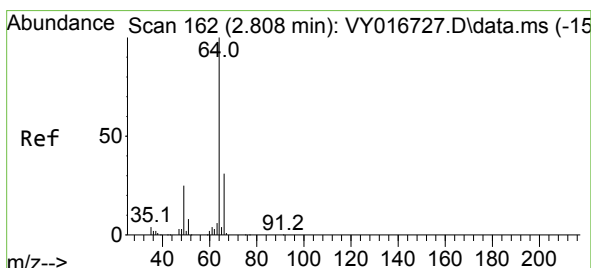
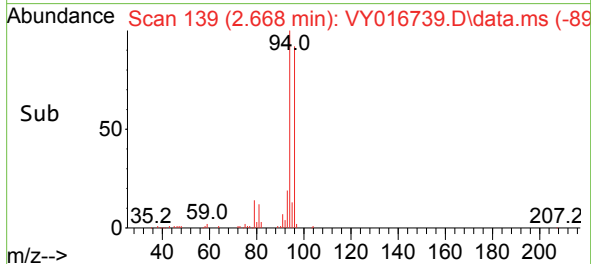
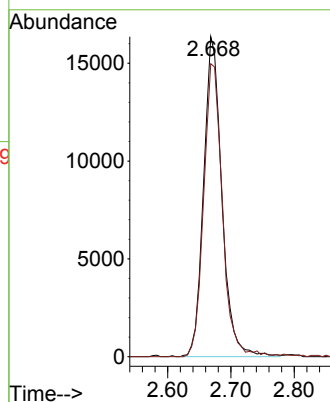
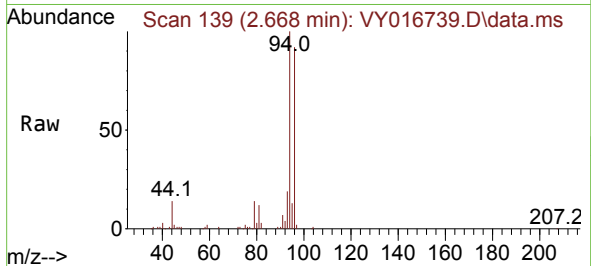




#5
Bromomethane
Concen: 22.904 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

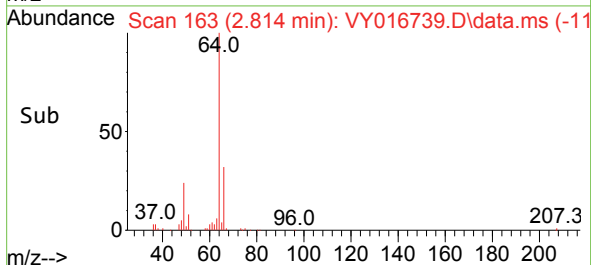
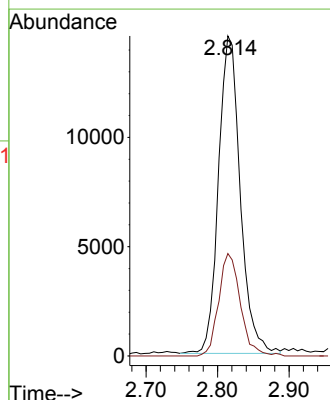
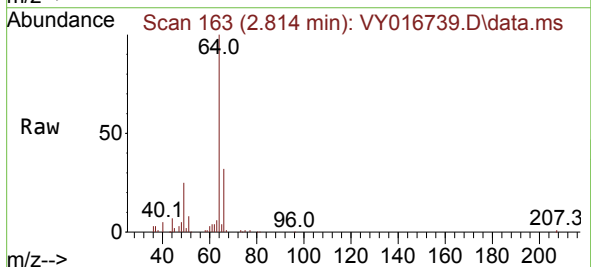
Instrument :
MSVOA_Y
ClientSampleId :

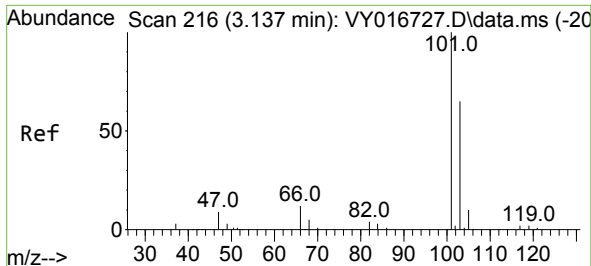
Tgt Ion: 94 Resp: 32861
Ion Ratio Lower Upper
94 100
96 91.6 77.3 115.9



#6
Chloroethane
Concen: 22.498 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Tgt Ion: 64 Resp: 30709
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7

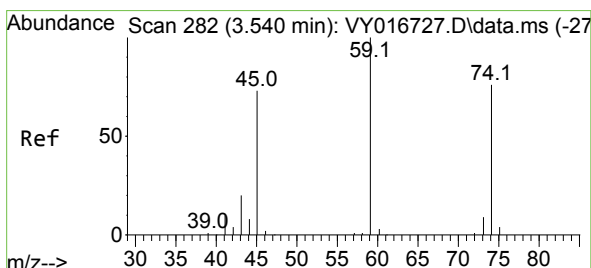
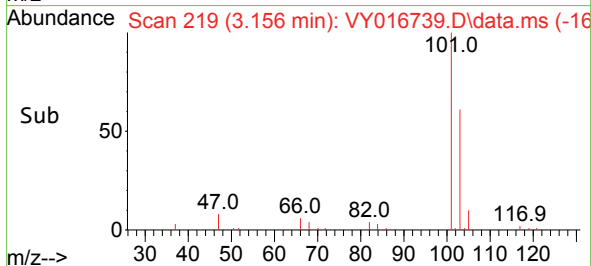
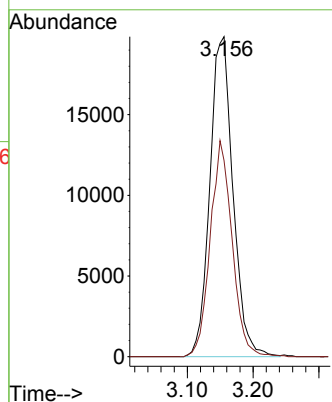
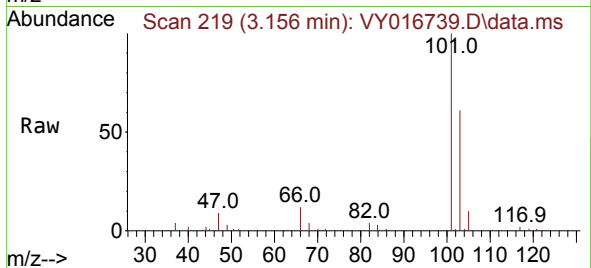




#7
Trichlorofluoromethane
Concen: 20.700 ug/l
RT: 3.156 min Scan# 216
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

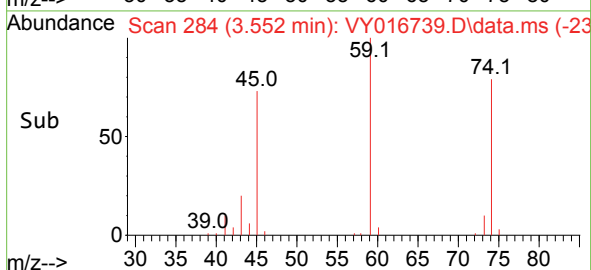
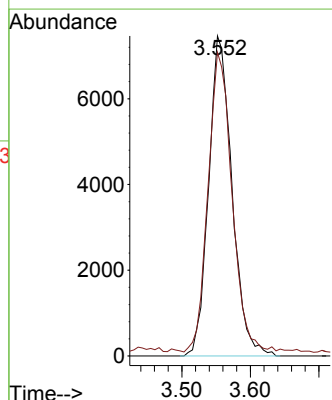
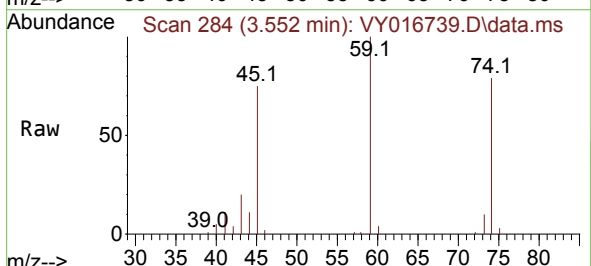
Instrument :
MSVOA_Y
ClientSampleId :

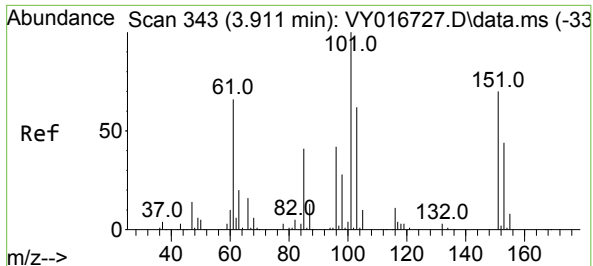
Tgt Ion:101 Resp: 48577
Ion Ratio Lower Upper
101 100
103 61.3 51.9 77.9



#8
Diethyl Ether
Concen: 23.558 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

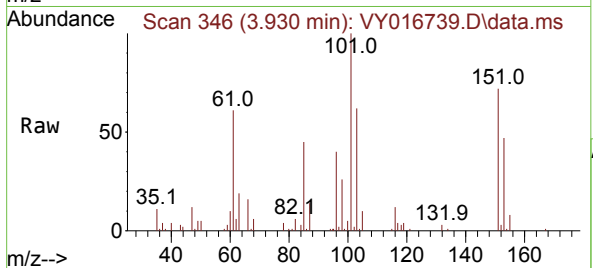
Tgt Ion: 74 Resp: 17685
Ion Ratio Lower Upper
74 100
45 96.9 47.9 143.7



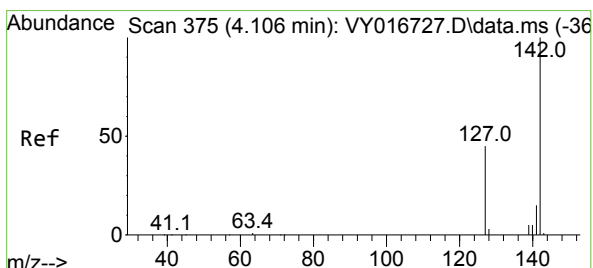
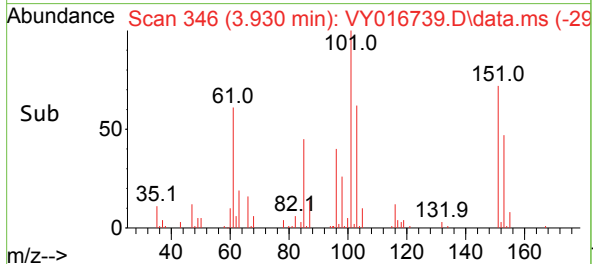
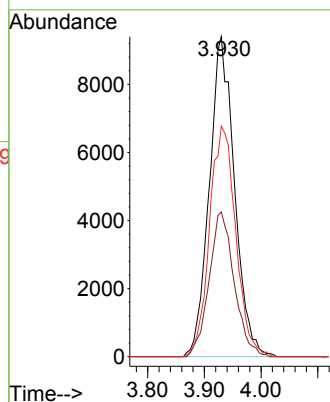


#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.113 ug/l
RT: 3.930 min Scan# 343
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Instrument :
MSVOA_Y
ClientSampleId :

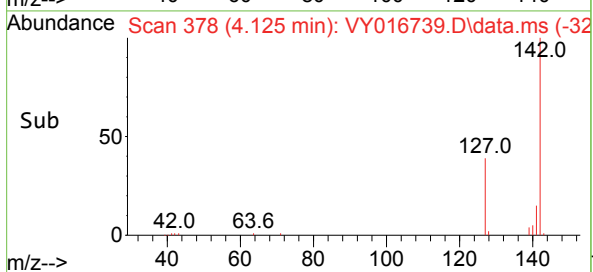
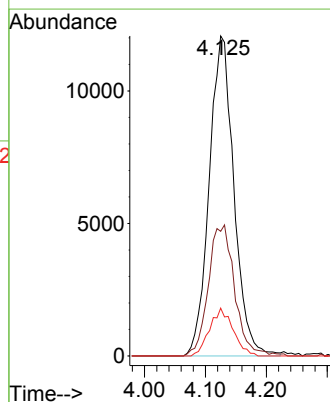
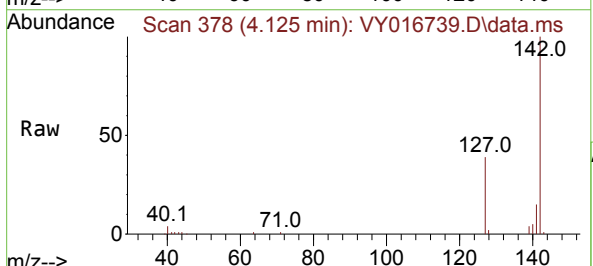


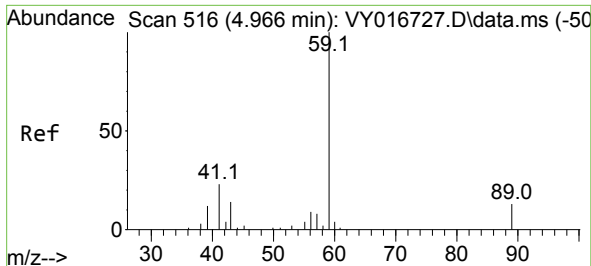
Tgt Ion:	101	Resp:	28953
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.8	53.6
151	75.0	58.6	88.0



#10
Methyl Iodide
Concen: 22.678 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

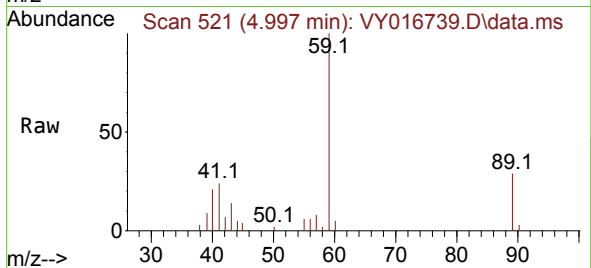
Tgt Ion:	142	Resp:	34018
Ion	Ratio	Lower	Upper
142	100		
127	43.6	35.1	52.7
141	14.2	11.8	17.6



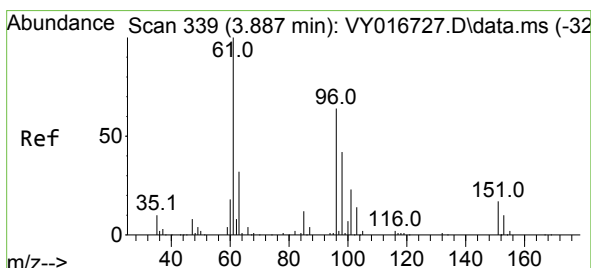
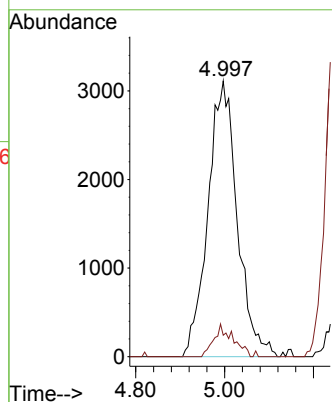
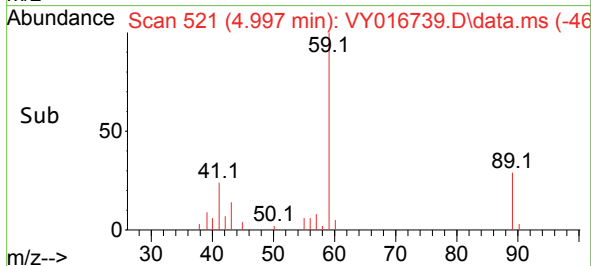


#11
Tert butyl alcohol
Concen: 140.318 ug/l
RT: 4.997 min Scan# 516
Delta R.T. 0.031 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

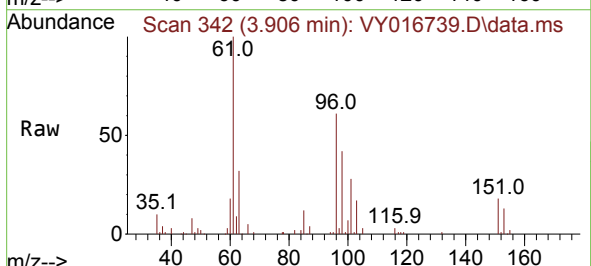
Instrument :
MSVOA_Y
ClientSampleId :



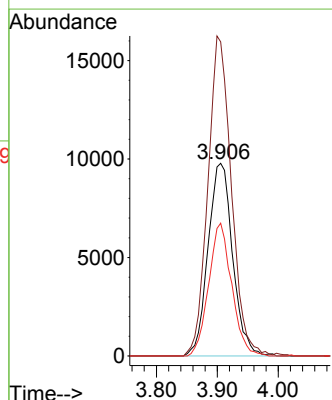
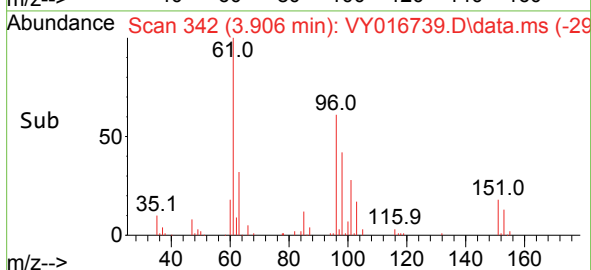
Tgt Ion: 59 Resp: 14259
Ion Ratio Lower Upper
59 100
57 7.7 7.4 11.0

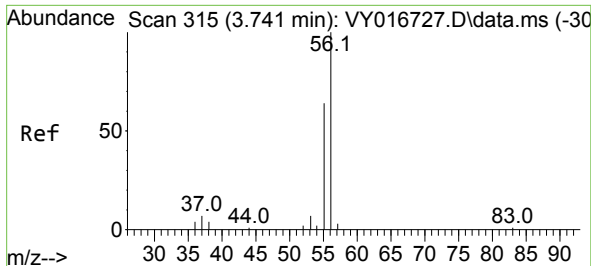


#12
1,1-Dichloroethene
Concen: 21.426 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32



Tgt Ion: 96 Resp: 27462
Ion Ratio Lower Upper
96 100
61 163.1 124.2 186.2
98 69.0 52.6 79.0

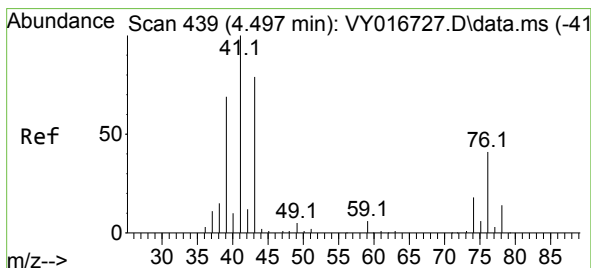
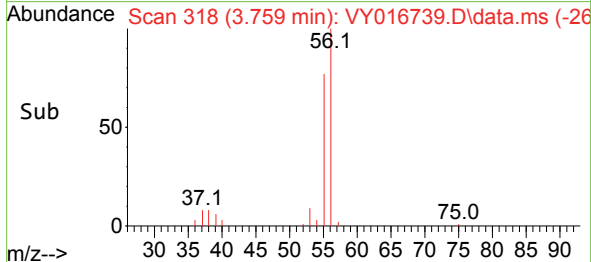
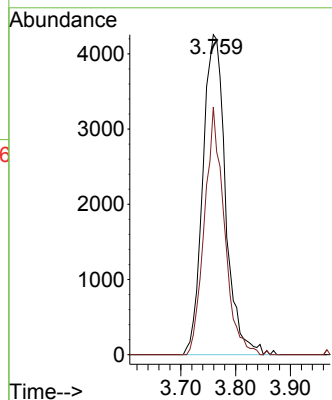
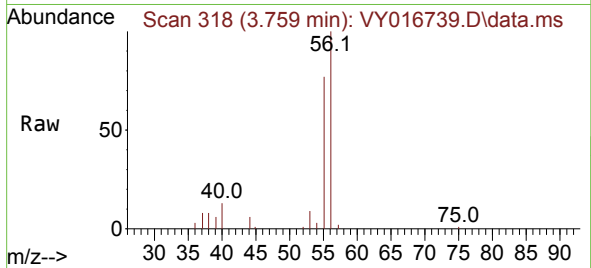




#13
Acrolein
Concen: 156.277 ug/l
RT: 3.759 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

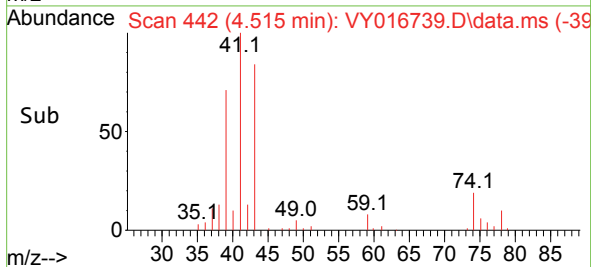
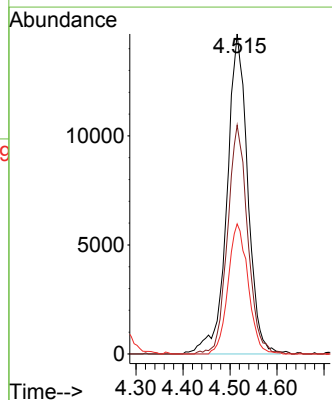
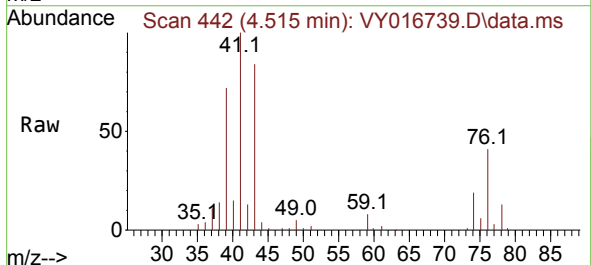
Instrument :
MSVOA_Y
ClientSampleId :

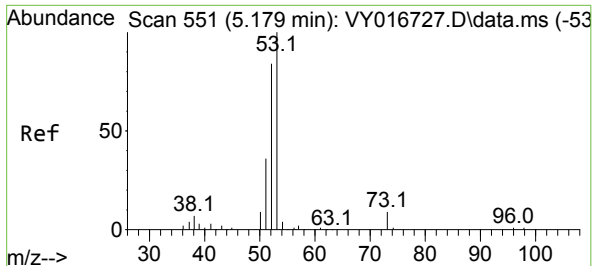
Tgt Ion: 56 Resp: 12253
Ion Ratio Lower Upper
56 100
55 67.2 55.4 83.0



#14
Allyl chloride
Concen: 22.947 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Tgt Ion: 41 Resp: 45048
Ion Ratio Lower Upper
41 100
39 69.4 54.7 82.1
76 39.3 31.8 47.6





#15

Acrylonitrile

Concen: 127.777 ug/l

RT: 5.198 min Scan# 51

Delta R.T. 0.019 min

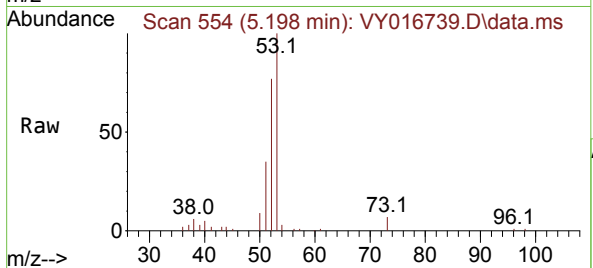
Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :



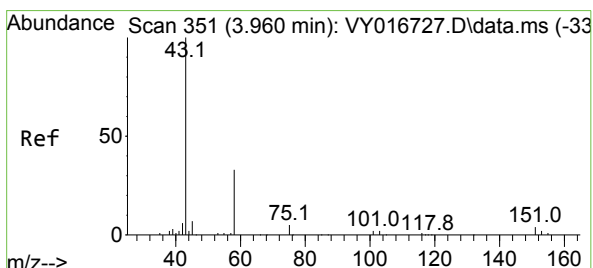
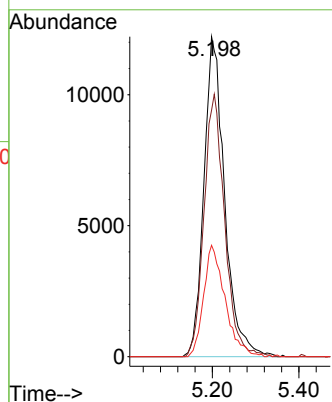
Tgt Ion: 53 Resp: 40621

Ion Ratio Lower Upper

53 100

52 81.8 65.1 97.7

51 36.1 29.0 43.4



#16

Acetone

Concen: 123.523 ug/l

RT: 3.979 min Scan# 354

Delta R.T. 0.019 min

Lab File: VY016739.D

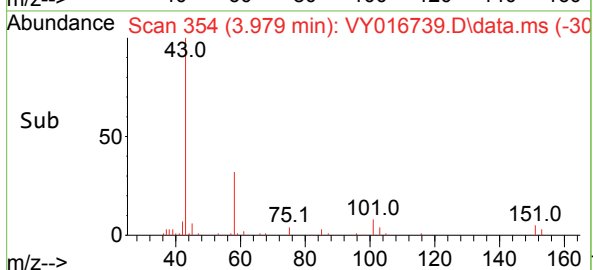
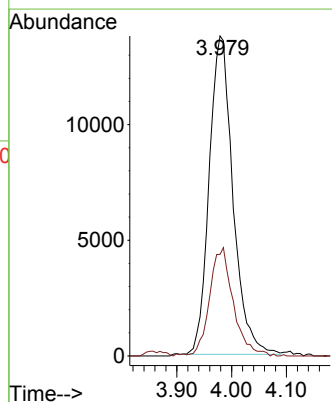
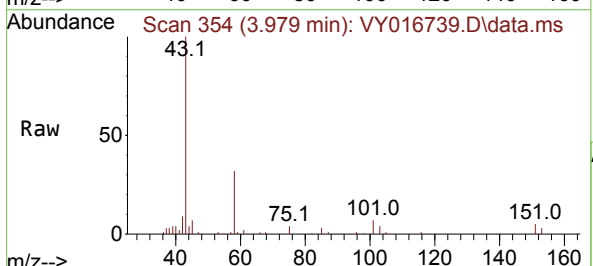
Acq: 21 Dec 2023 04:32

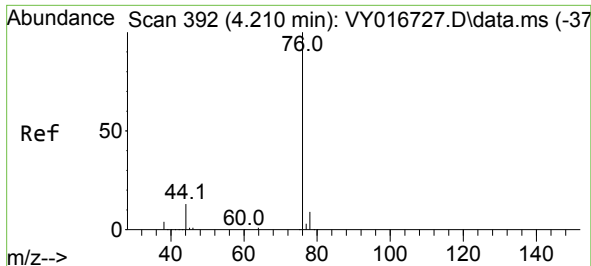
Tgt Ion: 43 Resp: 41398

Ion Ratio Lower Upper

43 100

58 31.9 26.6 39.8

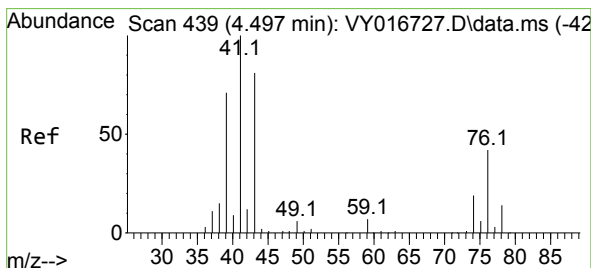
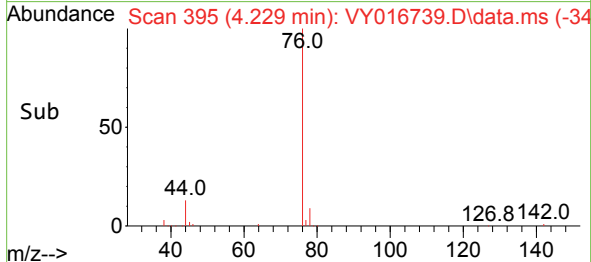
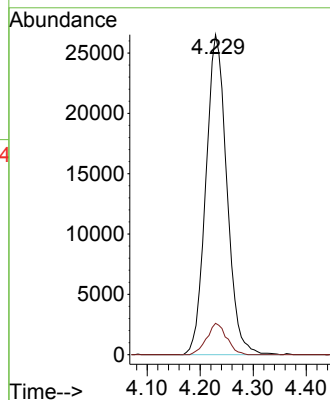
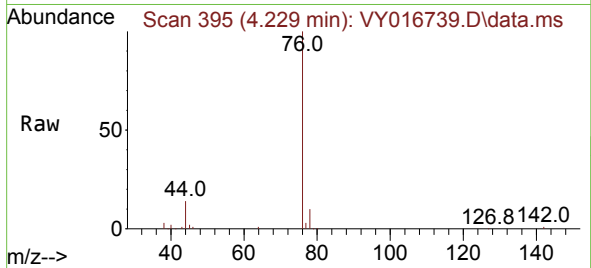




#17
Carbon Disulfide
Concen: 20.848 ug/l
RT: 4.229 min Scan# 395
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

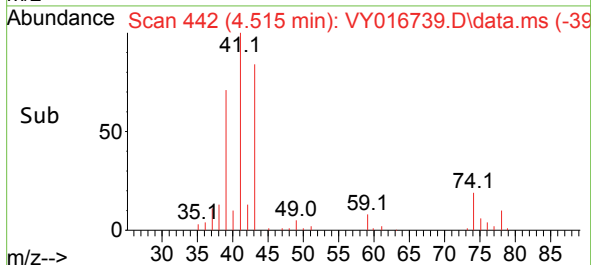
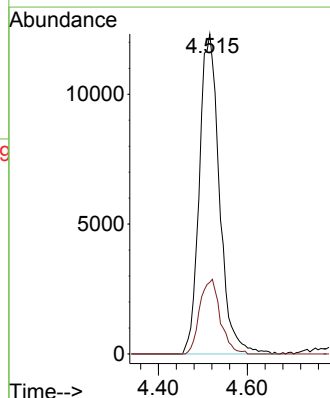
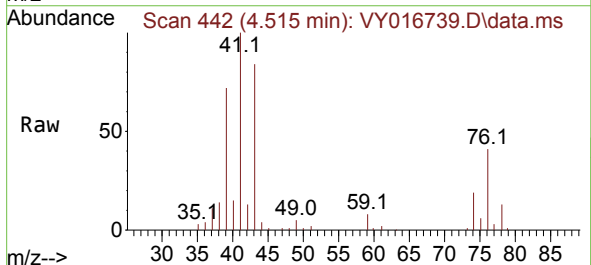
Instrument :
MSVOA_Y
ClientSampleId :

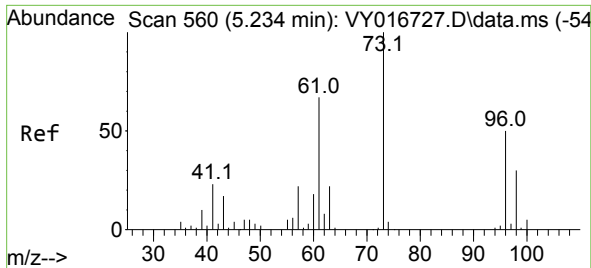
Tgt Ion: 76 Resp: 72705
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 29.629 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Tgt Ion: 43 Resp: 38806
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.6

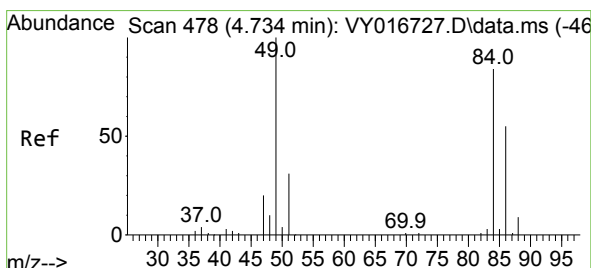
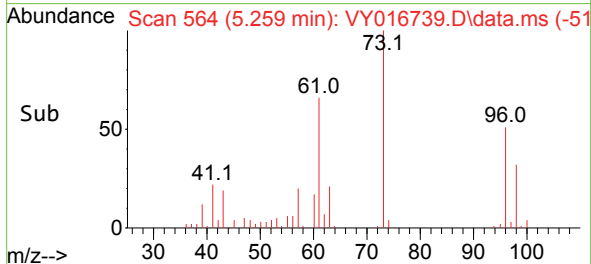
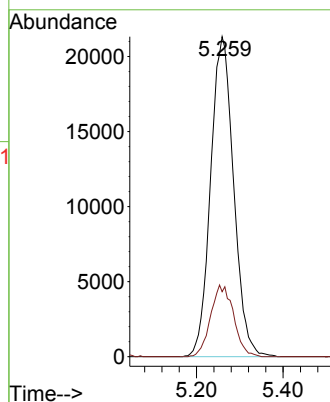
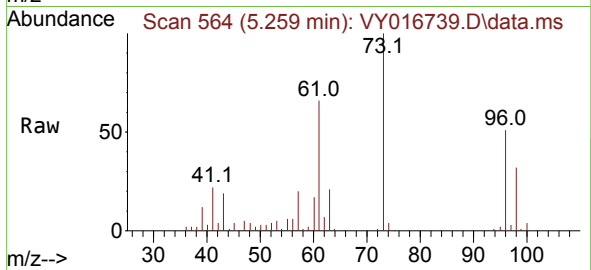




#19
Methyl tert-butyl Ether
Concen: 23.891 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

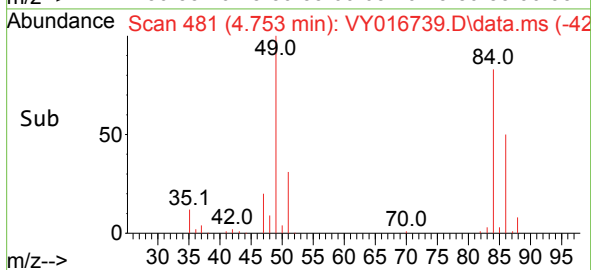
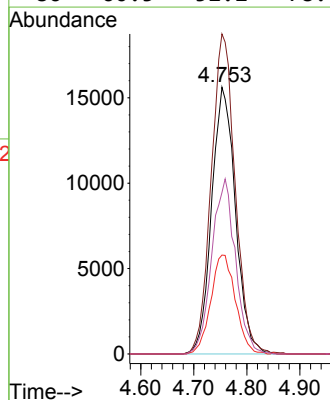
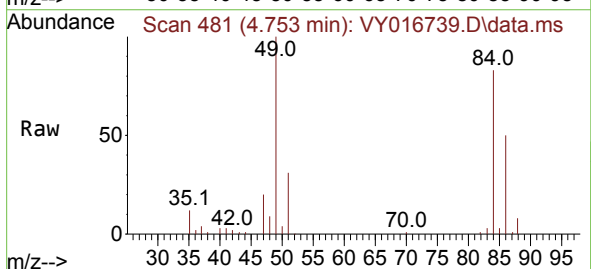
Instrument :
MSVOA_Y
ClientSampleId :

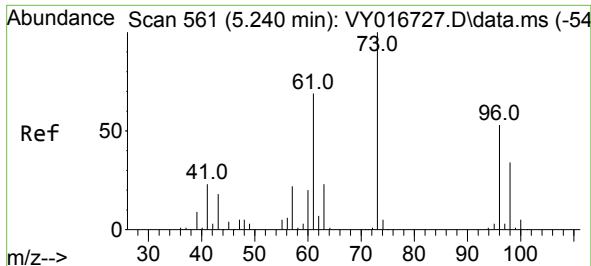
Tgt Ion: 73 Resp: 78788
Ion Ratio Lower Upper
73 100
57 20.3 17.7 26.5



#20
Methylene Chloride
Concen: 26.793 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Tgt Ion: 84 Resp: 48769
Ion Ratio Lower Upper
84 100
49 120.0 95.2 142.8
51 37.1 29.9 44.9
86 60.5 52.2 78.4

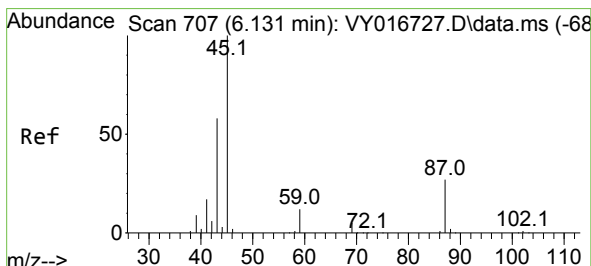
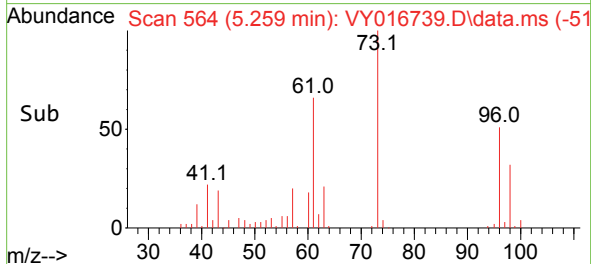
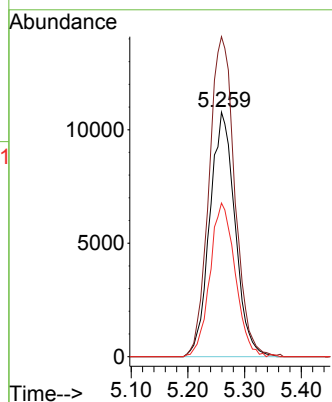
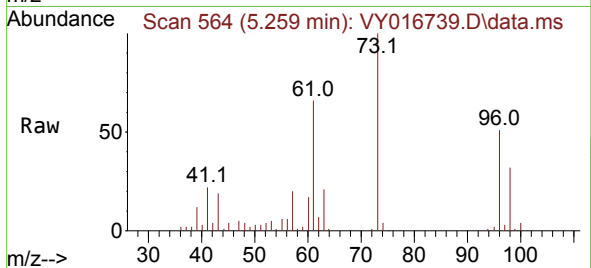




#21
trans-1,2-Dichloroethene
Concen: 22.834 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

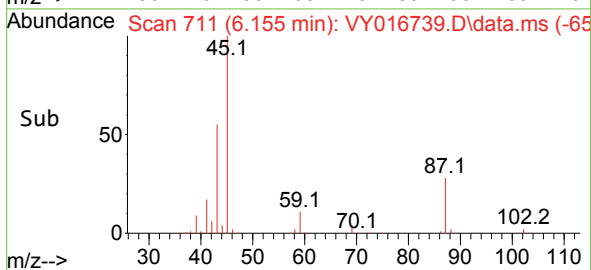
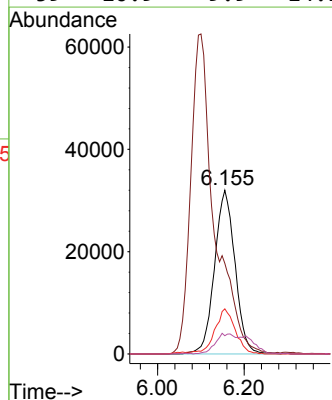
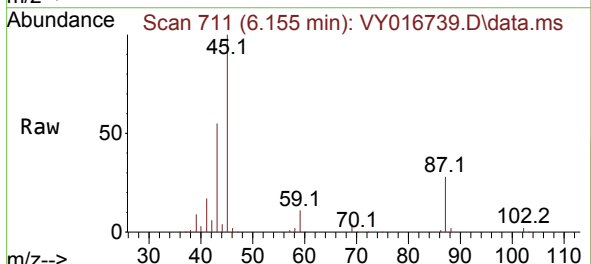
Instrument :
MSVOA_Y
ClientSampleId :

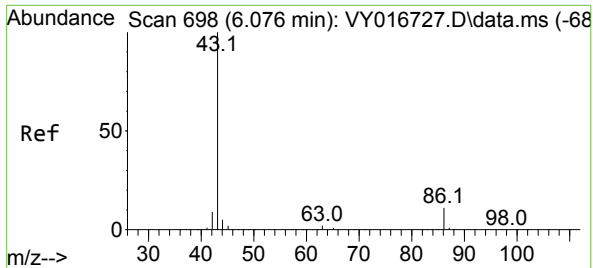
Tgt Ion: 96 Resp: 33378
Ion Ratio Lower Upper
96 100
61 130.8 104.6 156.8
98 62.8 50.9 76.3



#22
Diisopropyl ether
Concen: 23.753 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.025 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Tgt Ion: 45 Resp: 105494
Ion Ratio Lower Upper
45 100
43 54.8 46.8 70.2
87 27.6 22.2 33.2
59 10.9 9.9 14.9





#23

Vinyl Acetate

Concen: 113.396 ug/l

RT: 6.100 min Scan# 702

Delta R.T. 0.024 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

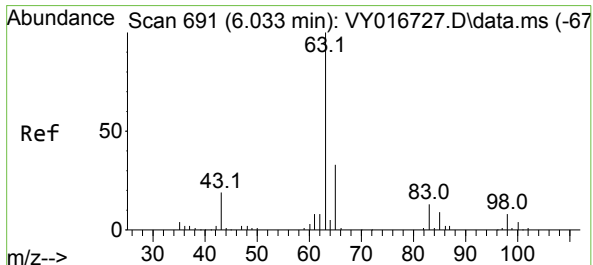
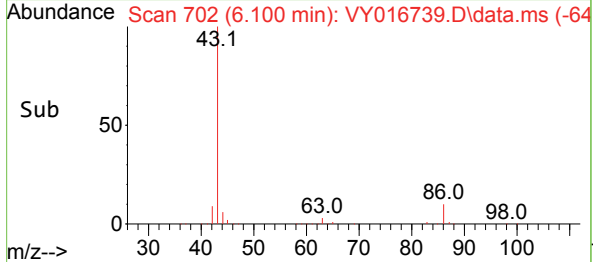
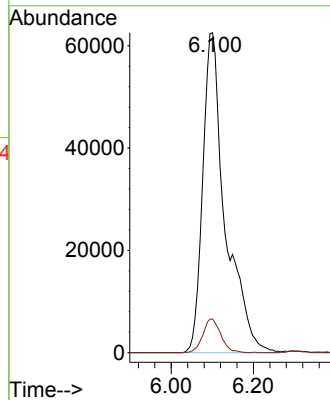
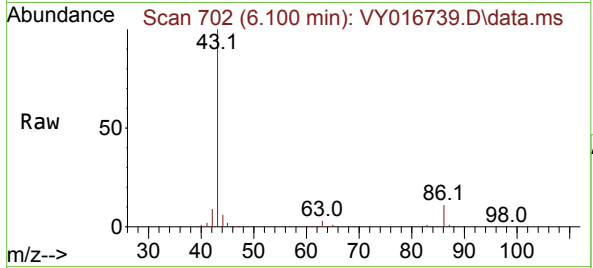
ClientSampleId :

Tgt Ion: 43 Resp: 238194

Ion Ratio Lower Upper

43 100

86 10.5 8.6 13.0



#24

1,1-Dichloroethane

Concen: 23.188 ug/l

RT: 6.052 min Scan# 694

Delta R.T. 0.019 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

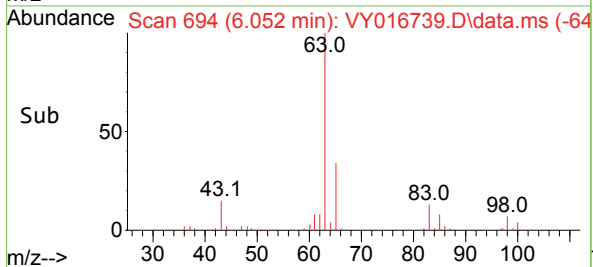
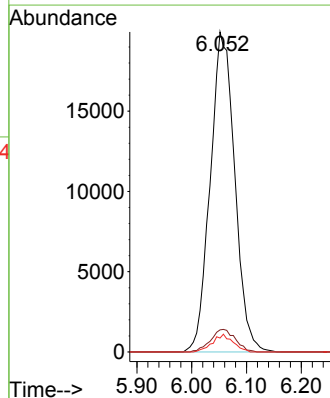
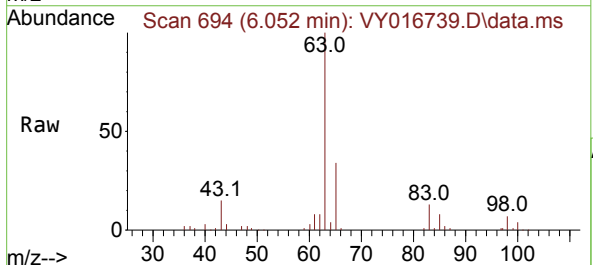
Tgt Ion: 63 Resp: 61866

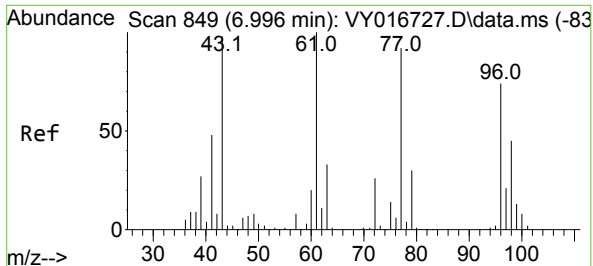
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 4.4 2.1 6.2





#25

2-Butanone

Concen: 126.328 ug/l

RT: 7.021 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

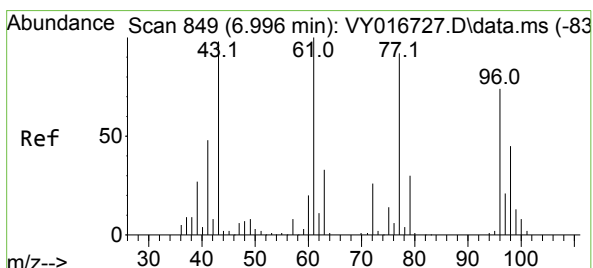
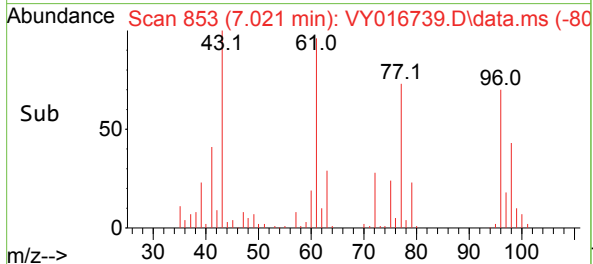
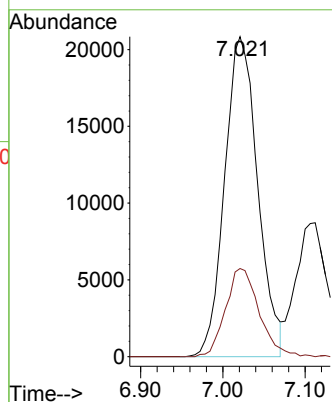
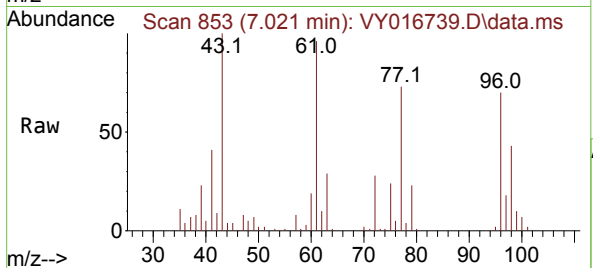
ClientSampleId :

Tgt Ion: 43 Resp: 58292

Ion Ratio Lower Upper

43 100

72 27.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 20.661 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.019 min

Lab File: VY016739.D

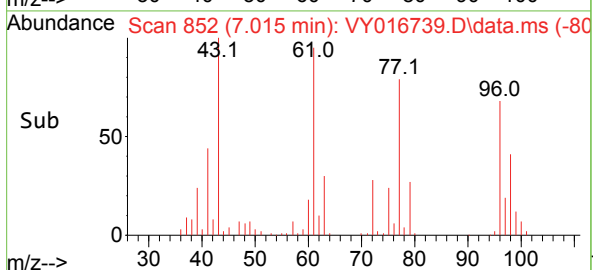
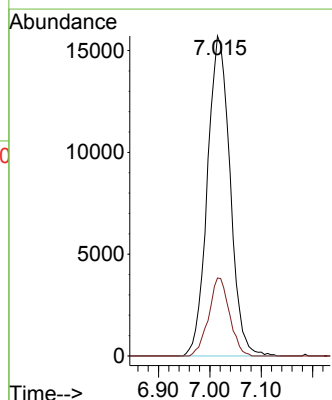
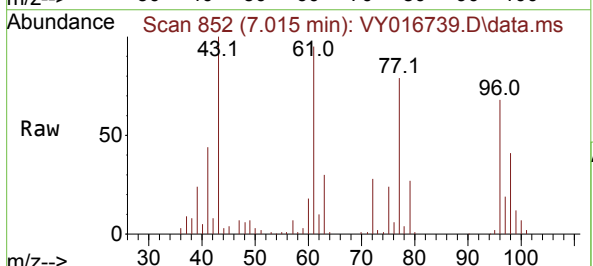
Acq: 21 Dec 2023 04:32

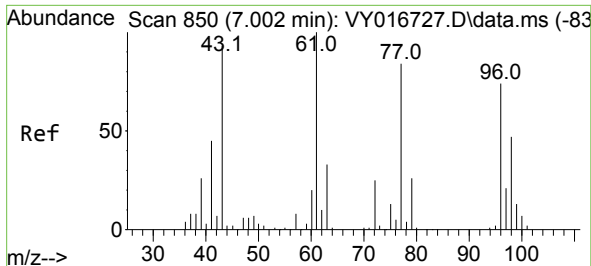
Tgt Ion: 77 Resp: 48104

Ion Ratio Lower Upper

77 100

97 22.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 22.854 ug/l

RT: 7.021 min Scan# 81

Delta R.T. 0.019 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :

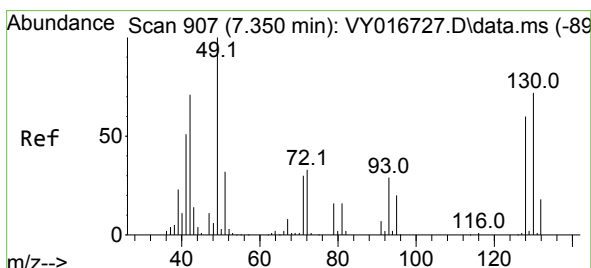
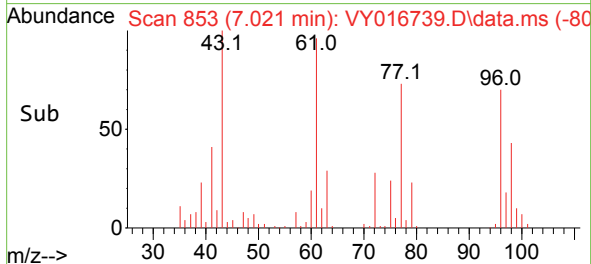
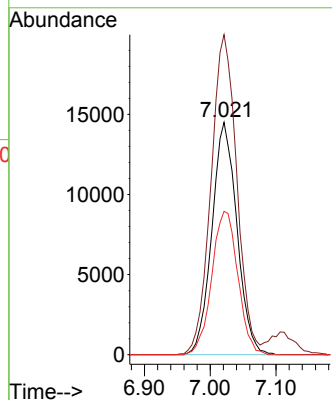
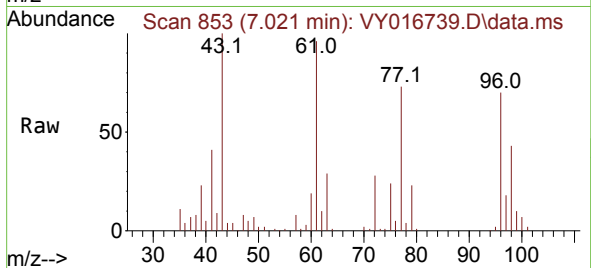
Tgt Ion: 96 Resp: 38448

Ion Ratio Lower Upper

96 100

61 141.9 0.0 278.8

98 64.2 0.0 127.0



#28

Bromochloromethane

Concen: 22.675 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.013 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

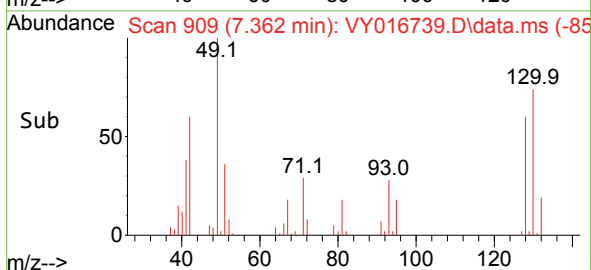
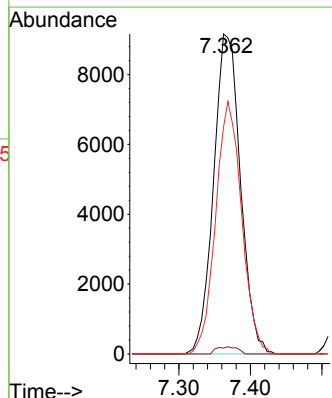
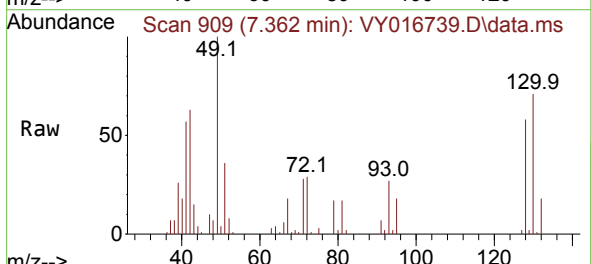
Tgt Ion: 49 Resp: 23944

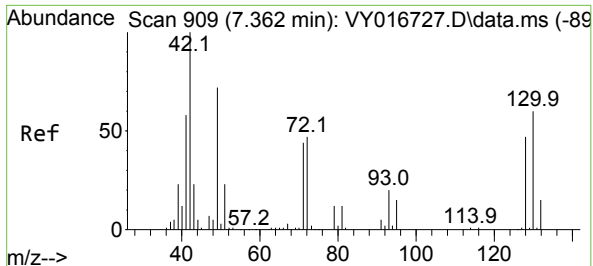
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

130 76.3 59.8 89.8





#29

Tetrahydrofuran

Concen: 131.164 ug/l

RT: 7.381 min Scan# 912

Delta R.T. 0.019 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :

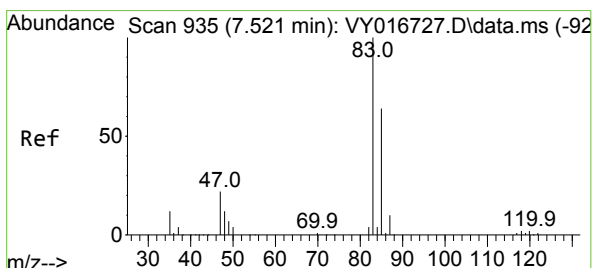
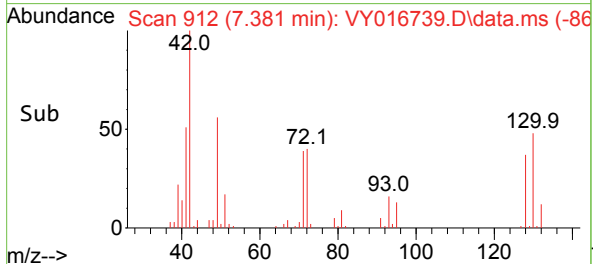
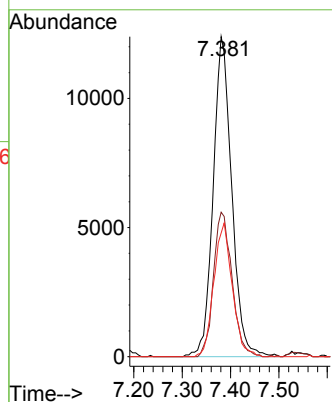
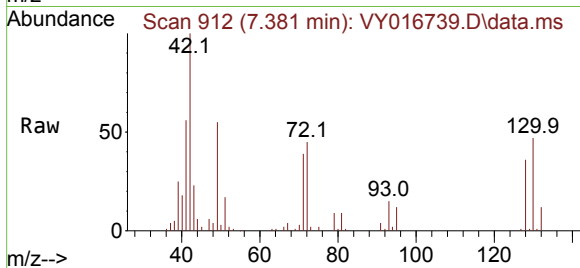
Tgt Ion: 42 Resp: 33094

Ion Ratio Lower Upper

42 100

72 45.0 36.6 54.8

71 41.5 33.8 50.6



#30

Chloroform

Concen: 23.239 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.019 min

Lab File: VY016739.D

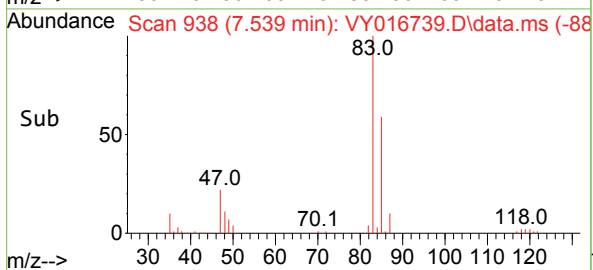
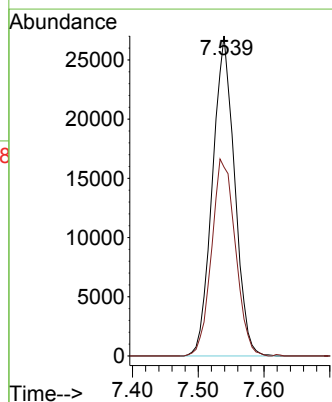
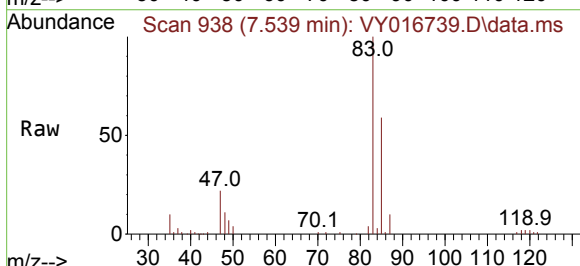
Acq: 21 Dec 2023 04:32

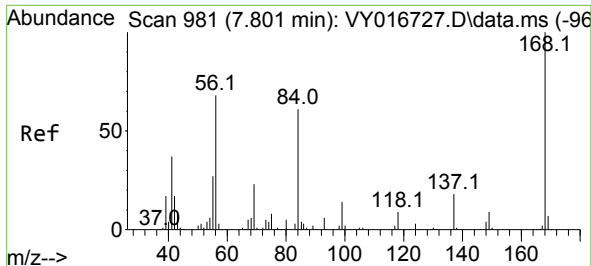
Tgt Ion: 83 Resp: 63470

Ion Ratio Lower Upper

83 100

85 59.0 51.2 76.8

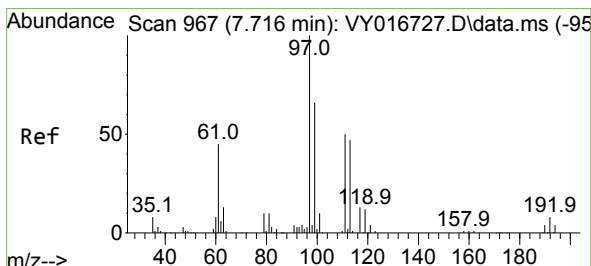
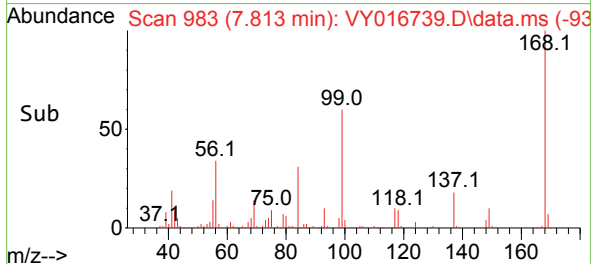
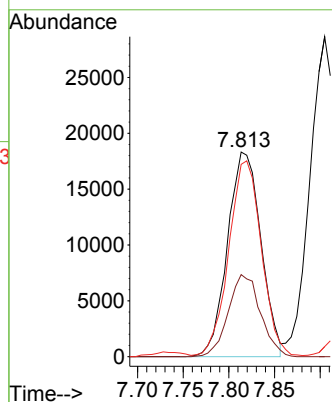
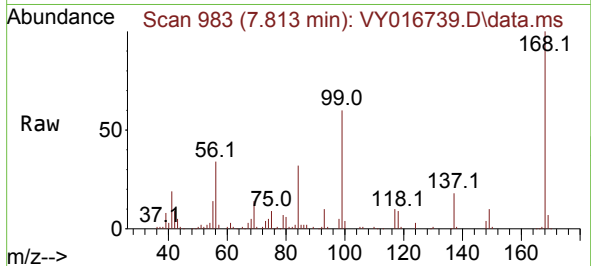




#31
Cyclohexane
Concen: 19.634 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

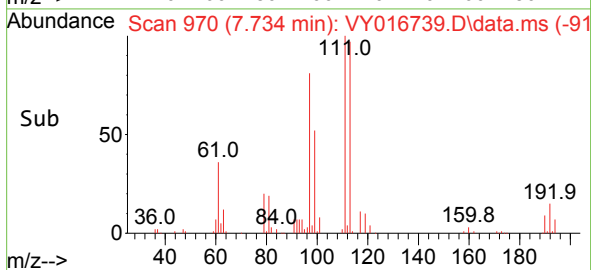
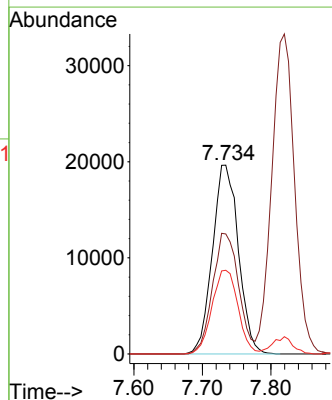
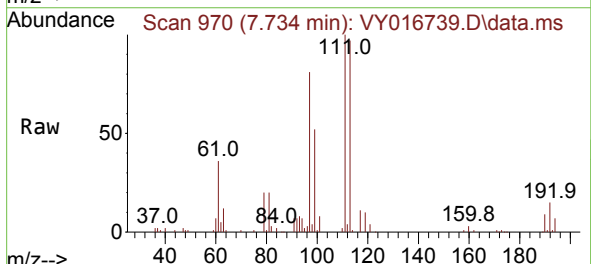
Instrument :
MSVOA_Y
ClientSampleId :

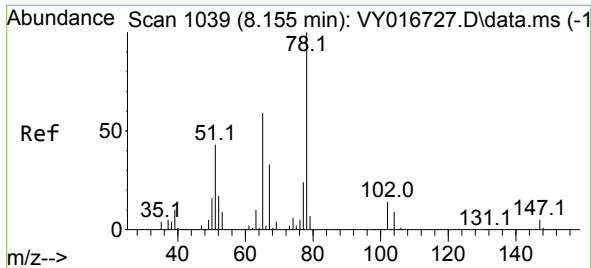
Tgt Ion: 56 Resp: 46624
Ion Ratio Lower Upper
56 100
69 40.1 27.0 40.6
84 92.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.537 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Tgt Ion: 97 Resp: 51633
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 44.5 35.0 52.6

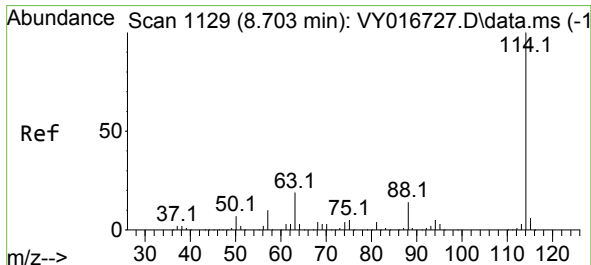
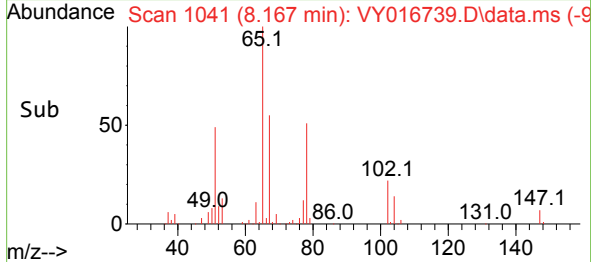
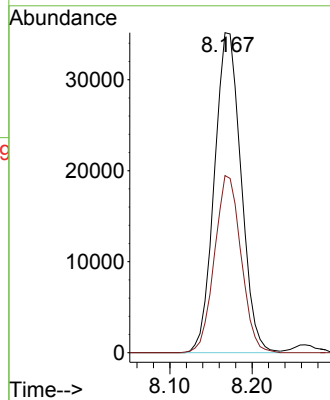
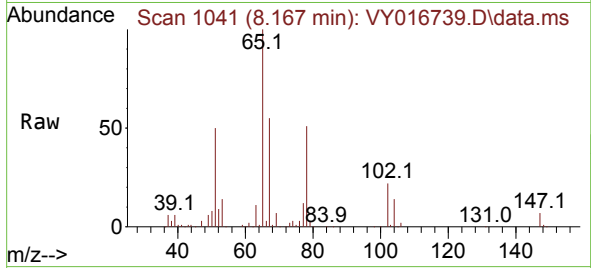




#33
1,2-Dichloroethane-d4
Concen: 63.991 ug/l
RT: 8.167 min Scan# 1103
Delta R.T. 0.012 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

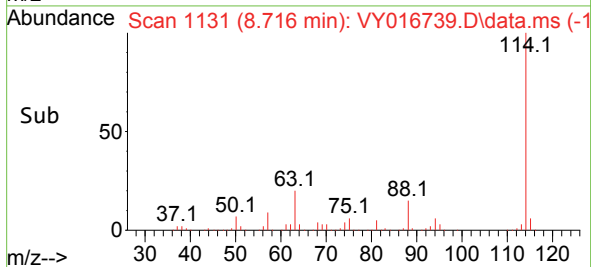
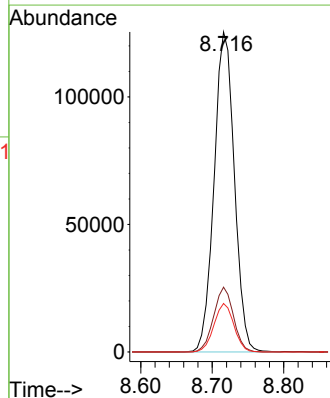
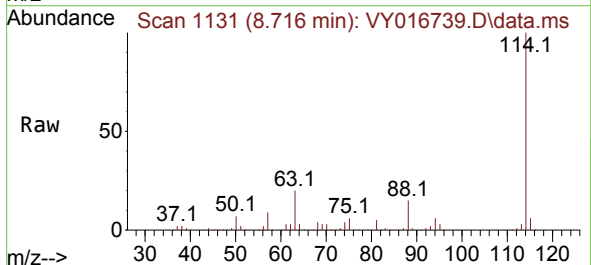
Instrument :
MSVOA_Y
ClientSampleId :

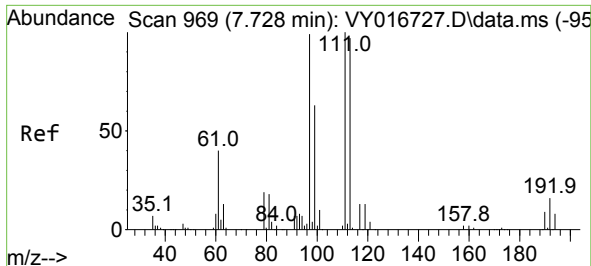
Tgt Ion: 65 Resp: 79310
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.716 min Scan# 1131
Delta R.T. 0.013 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

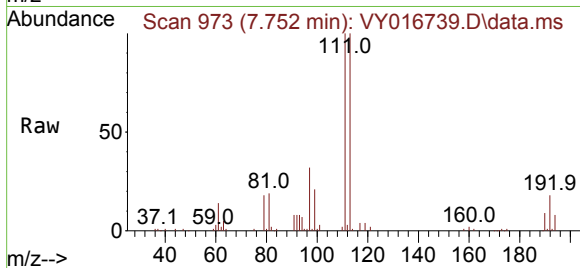
Tgt Ion: 114 Resp: 247084
Ion Ratio Lower Upper
114 100
63 20.3 0.0 37.4
88 15.1 0.0 29.0



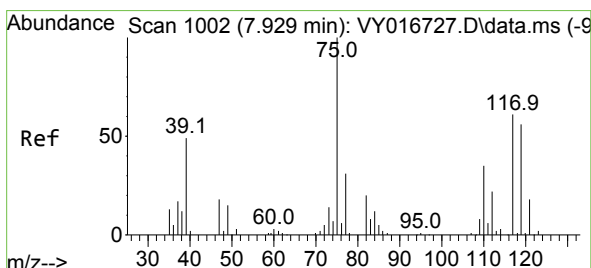
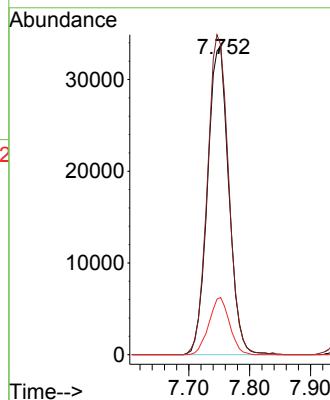
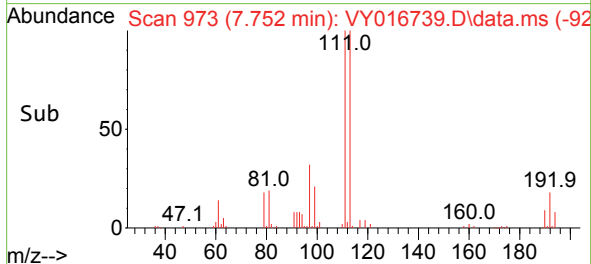


#35
Dibromofluoromethane
Concen: 57.569 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

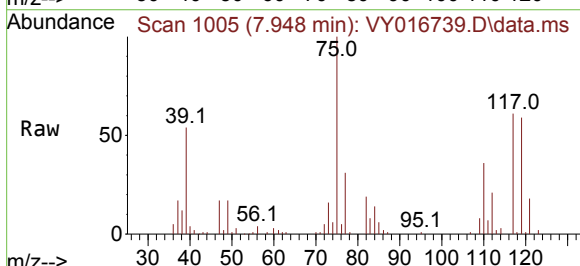
Instrument :
MSVOA_Y
ClientSampleId :



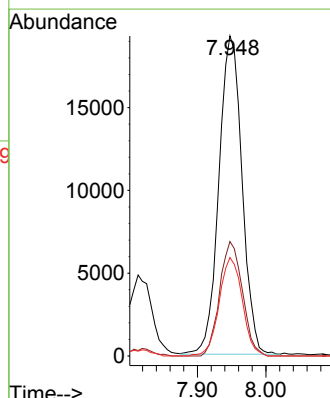
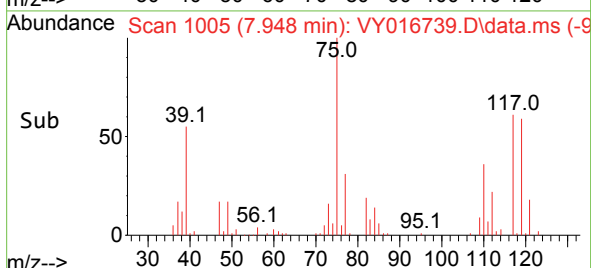
Tgt Ion:113 Resp: 81481
Ion Ratio Lower Upper
113 100
111 103.7 83.8 125.6
192 18.0 14.5 21.7

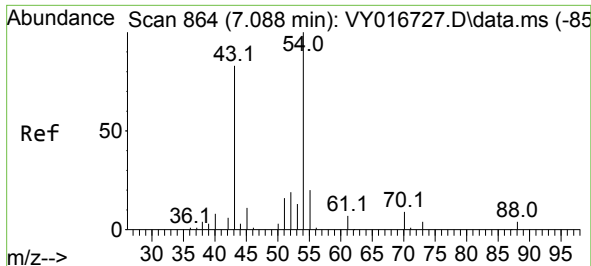


#36
1,1-Dichloropropene
Concen: 19.862 ug/l
RT: 7.948 min Scan# 1005
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32



Tgt Ion: 75 Resp: 45068
Ion Ratio Lower Upper
75 100
110 35.3 17.4 52.3
77 30.8 24.7 37.1

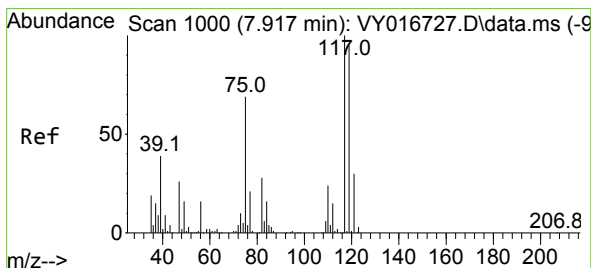
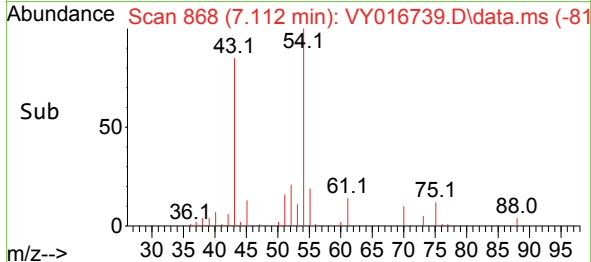
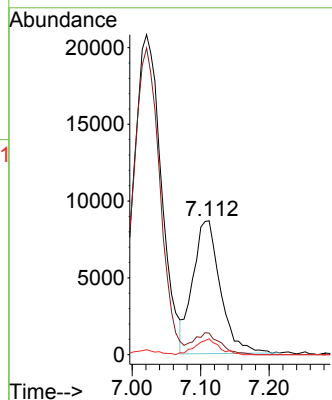
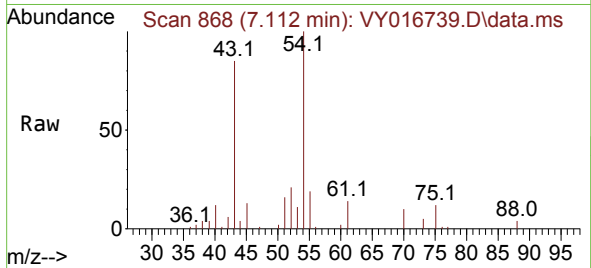




#37
Ethyl Acetate
Concen: 24.909 ug/l
RT: 7.112 min Scan# 80
Delta R.T. 0.025 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

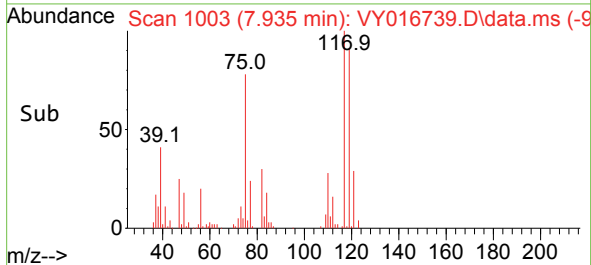
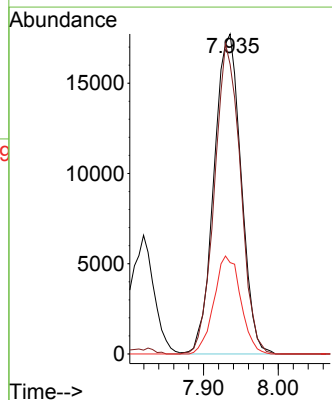
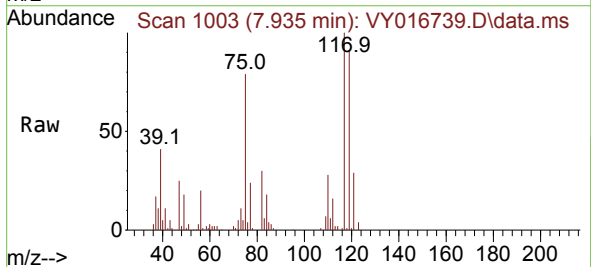
Instrument :
MSVOA_Y
ClientSampleId :

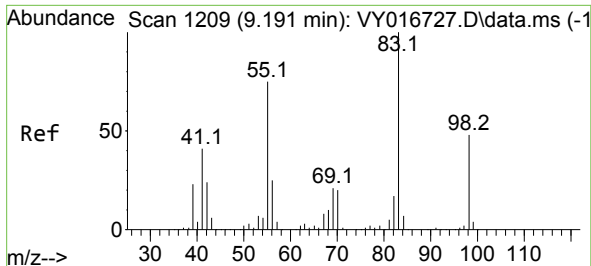
Tgt Ion: 43 Resp: 24226
Ion Ratio Lower Upper
43 100
61 16.1 11.0 16.6
70 10.2 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.878 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Tgt Ion: 117 Resp: 44632
Ion Ratio Lower Upper
117 100
119 90.5 76.0 114.0
121 28.5 24.2 36.2





#39

Methylcyclohexane

Concen: 18.292 ug/l

RT: 9.210 min Scan# 11

Delta R.T. 0.019 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :

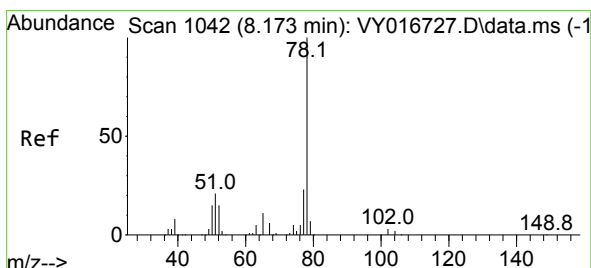
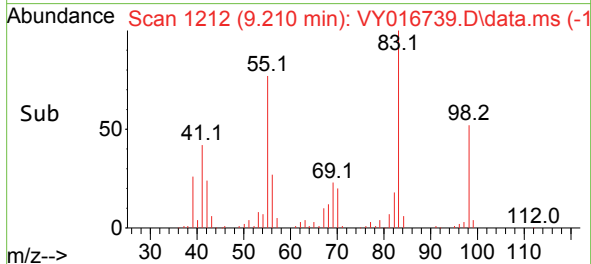
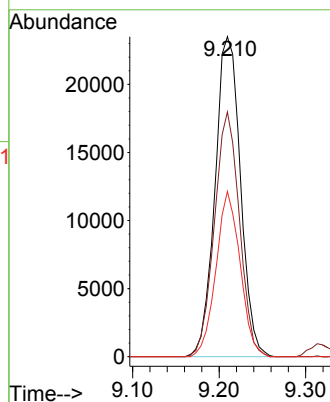
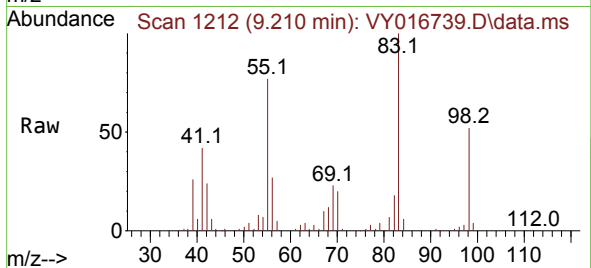
Tgt Ion: 83 Resp: 47922

Ion Ratio Lower Upper

83 100

55 76.5 59.7 89.5

98 51.7 38.0 57.0



#40

Benzene

Concen: 21.323 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.019 min

Lab File: VY016739.D

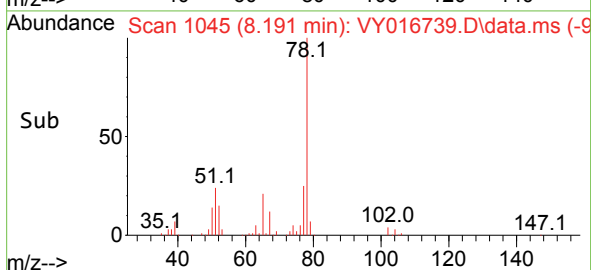
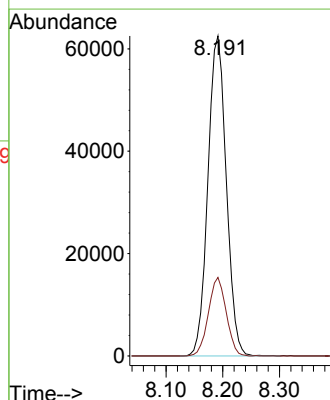
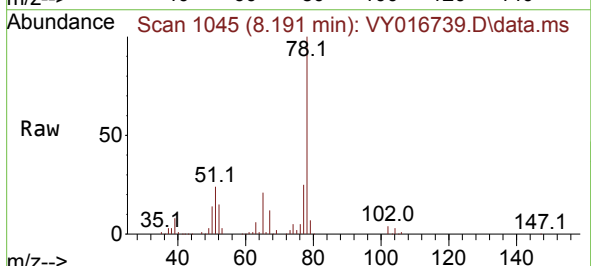
Acq: 21 Dec 2023 04:32

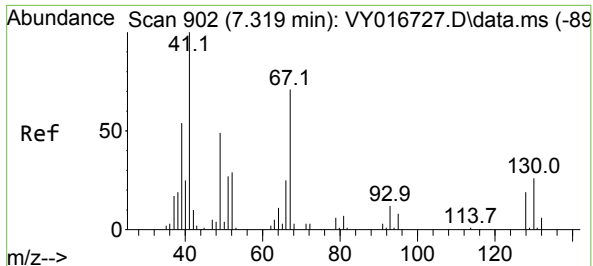
Tgt Ion: 78 Resp: 140793

Ion Ratio Lower Upper

78 100

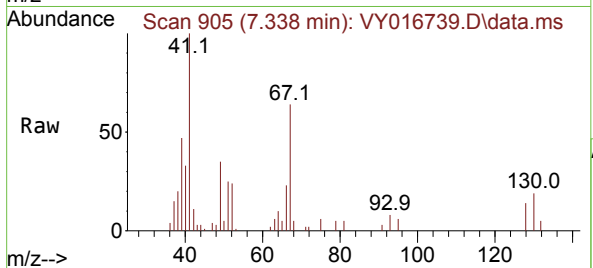
77 24.6 18.8 28.2



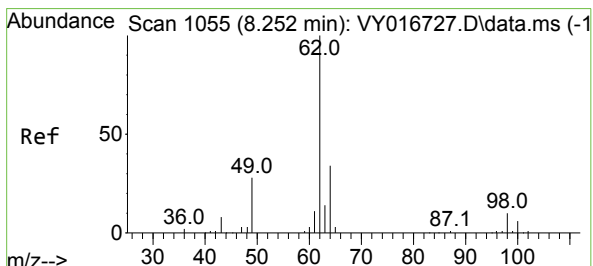
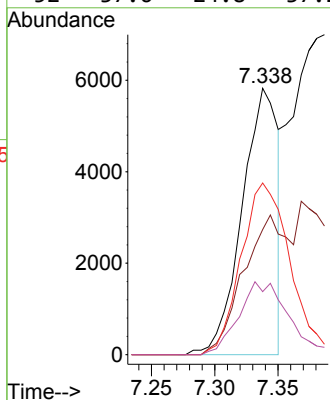
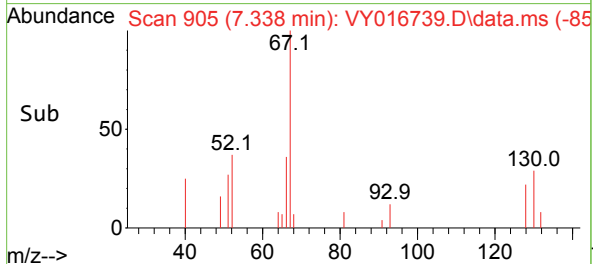


#41
Methacrylonitrile
Concen: 22.294 ug/l
RT: 7.338 min Scan# 902
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Instrument :
MSVOA_Y
ClientSampleId :

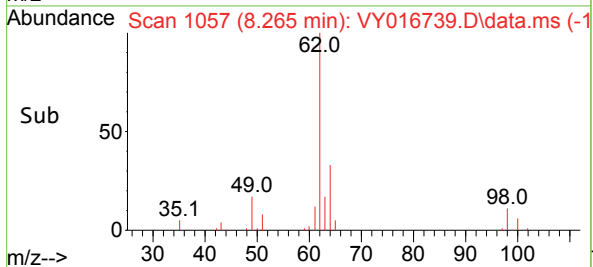
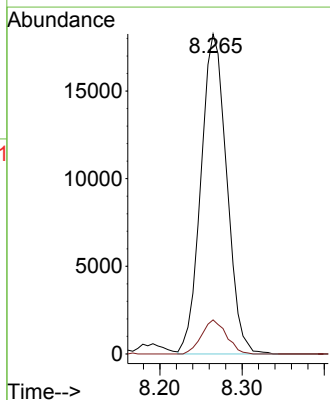
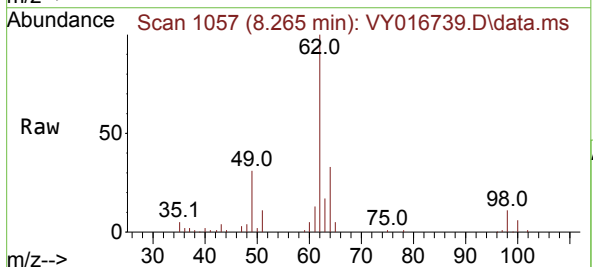


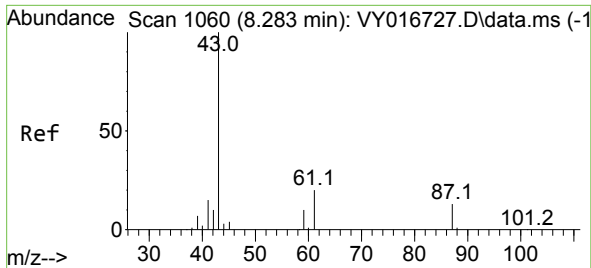
Tgt Ion: 41 Resp: 11512
Ion Ratio Lower Upper
41 100
39 67.9 41.9 62.9#
67 87.6 59.8 89.6
52 37.6 24.8 37.2#



#42
1,2-Dichloroethane
Concen: 23.105 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Tgt Ion: 62 Resp: 39802
Ion Ratio Lower Upper
62 100
98 10.2 0.0 20.2

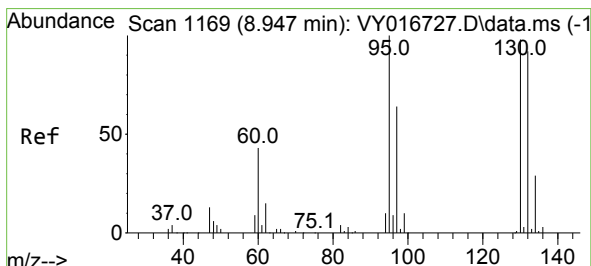
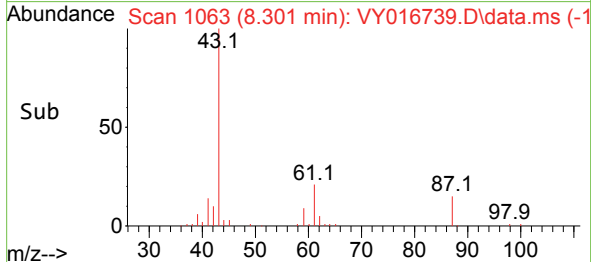
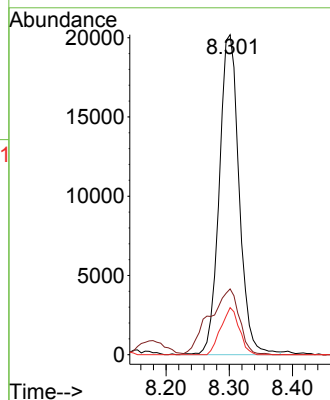
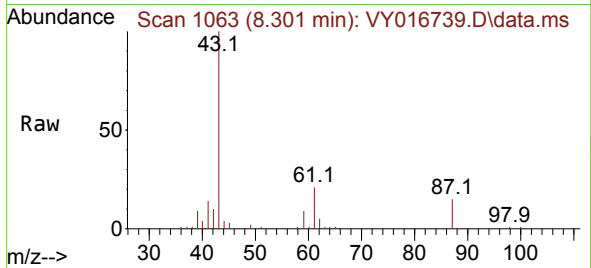




#43
Isopropyl Acetate
Concen: 23.216 ug/l
RT: 8.301 min Scan# 1172
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

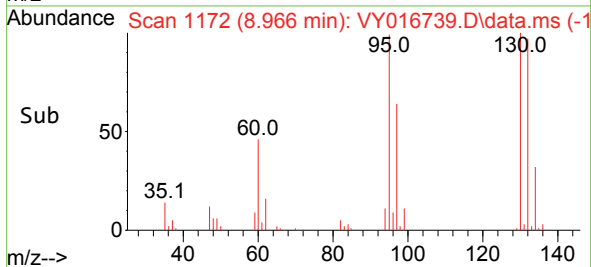
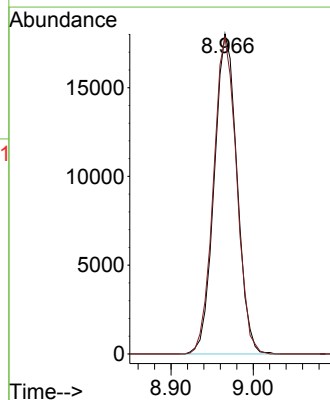
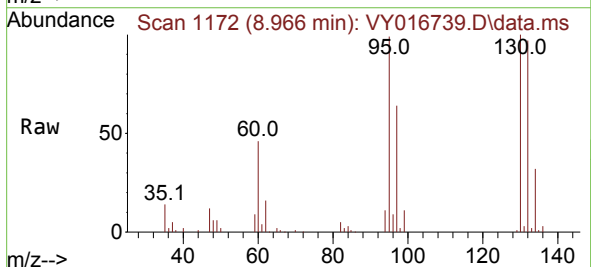
Instrument :
MSVOA_Y
ClientSampleId :

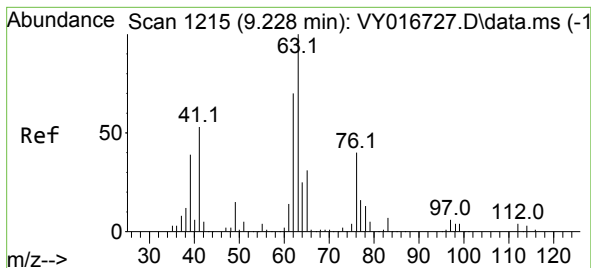
Tgt Ion: 43 Resp: 43853
Ion Ratio Lower Upper
43 100
61 31.0 24.8 37.2
87 13.7 10.7 16.1



#44
Trichloroethene
Concen: 20.612 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.019 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Tgt Ion:130 Resp: 34738
Ion Ratio Lower Upper
130 100
95 98.8 0.0 203.8





#45

1,2-Dichloropropane

Concen: 21.479 ug/l

RT: 9.240 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

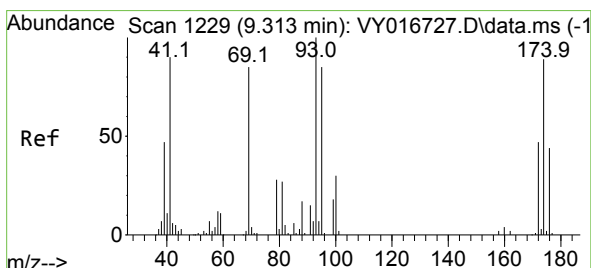
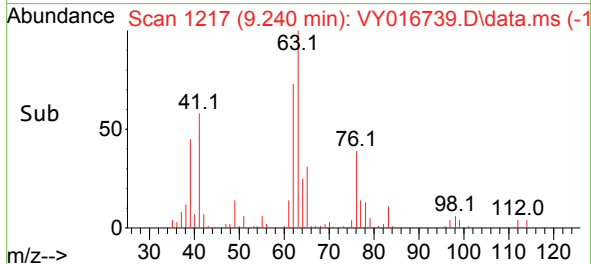
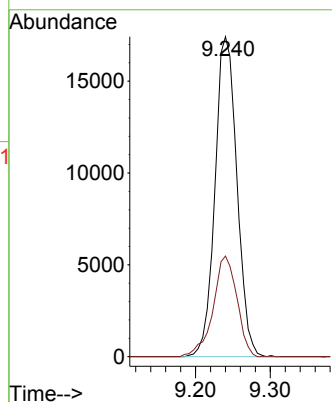
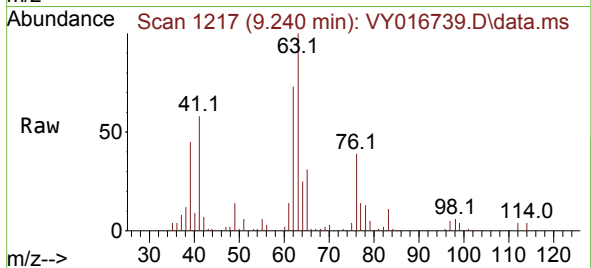
ClientSampleId :

Tgt Ion: 63 Resp: 35577

Ion Ratio Lower Upper

63 100

65 31.4 24.6 36.8



#46

Dibromomethane

Concen: 22.339 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.019 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

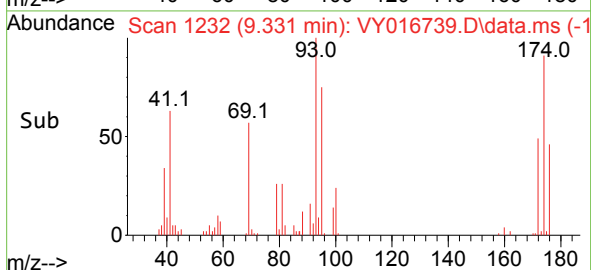
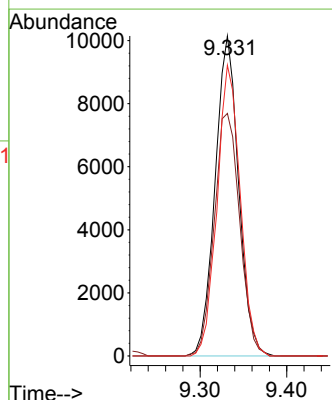
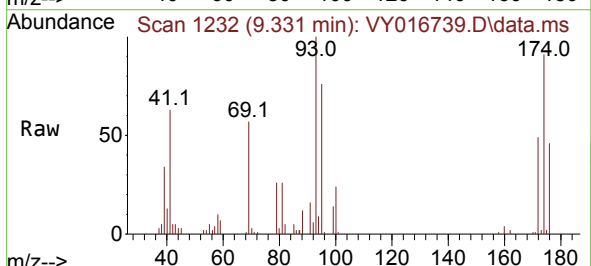
Tgt Ion: 93 Resp: 19115

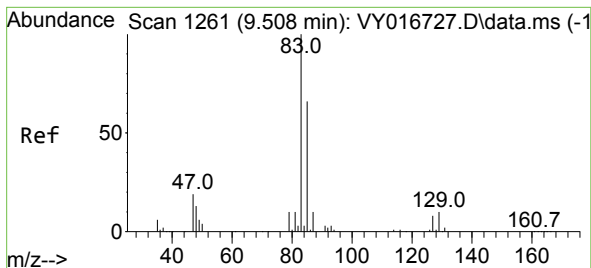
Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

174 89.6 73.8 110.6





#47

Bromodichloromethane

Concen: 21.263 ug/l

RT: 9.520 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :

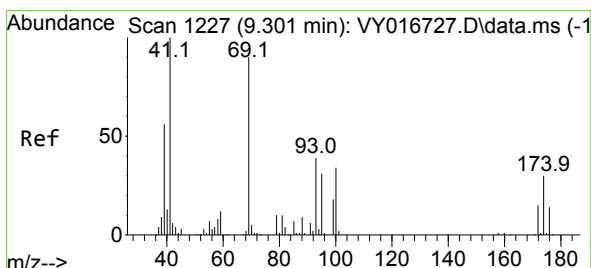
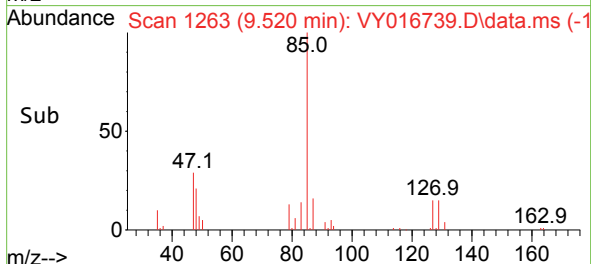
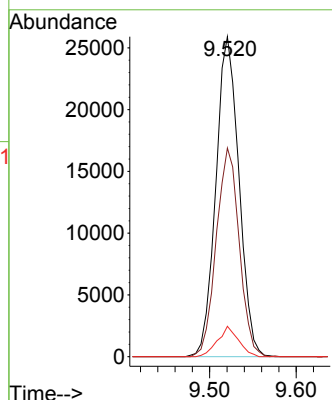
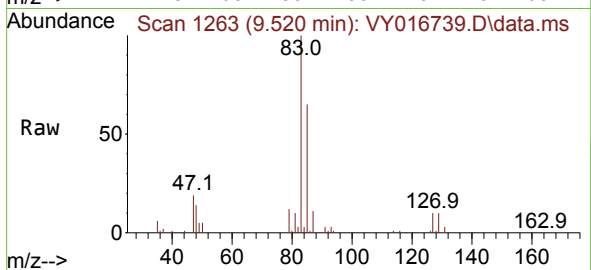
Tgt Ion: 83 Resp: 47955

Ion Ratio Lower Upper

83 100

85 65.2 53.2 79.8

127 9.5 6.4 9.6



#48

Methyl methacrylate

Concen: 24.019 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.018 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

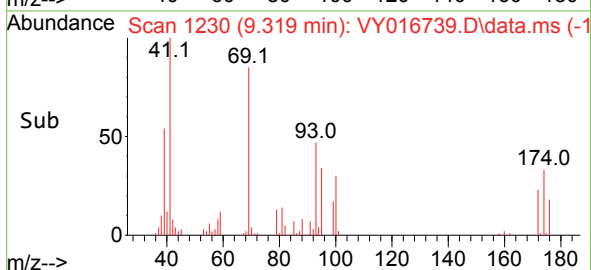
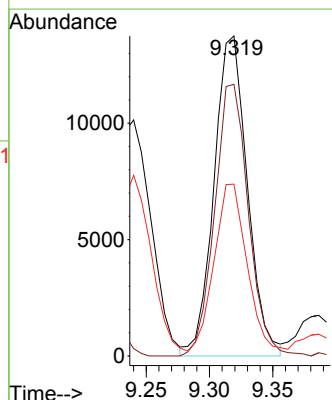
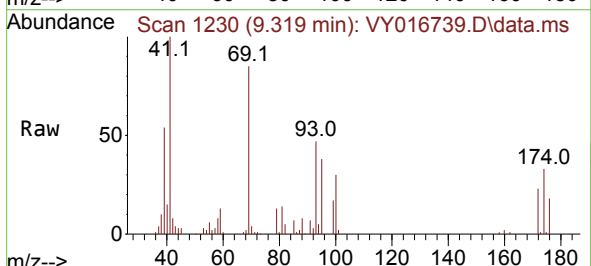
Tgt Ion: 41 Resp: 25215

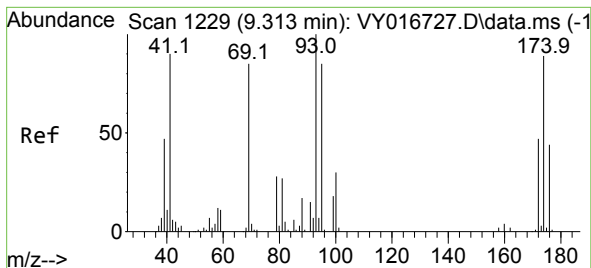
Ion Ratio Lower Upper

41 100

69 85.8 72.1 108.1

39 54.6 42.8 64.2





#49

1,4-Dioxane

Concen: 409.872 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :

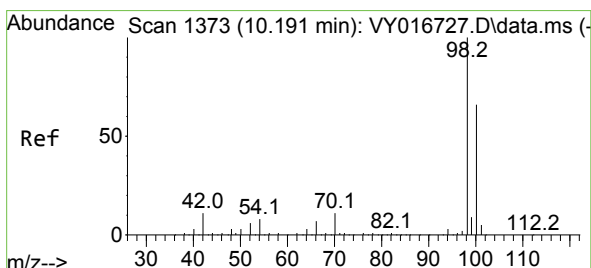
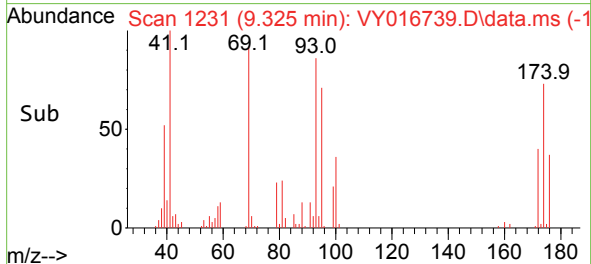
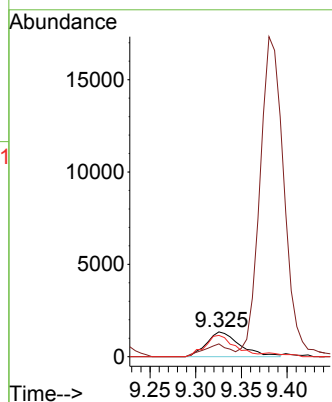
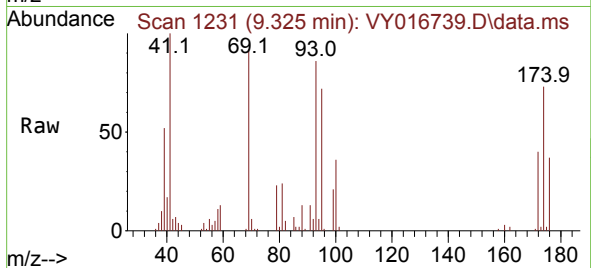
Tgt Ion: 88 Resp: 3404

Ion Ratio Lower Upper

88 100

43 38.7 28.2 42.4

58 76.8 52.2 78.2



#50

Toluene-d8

Concen: 56.842 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016739.D

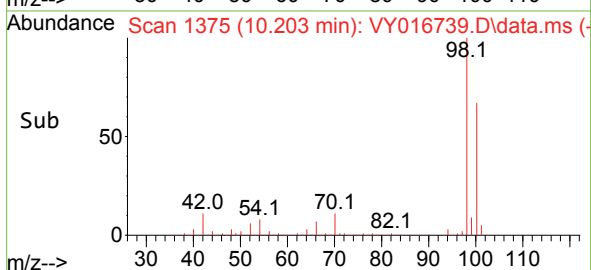
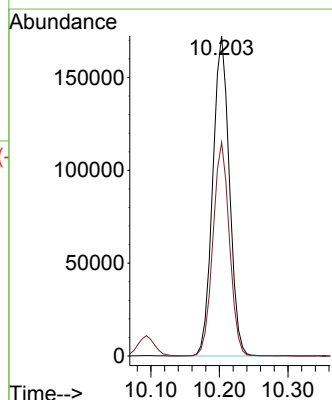
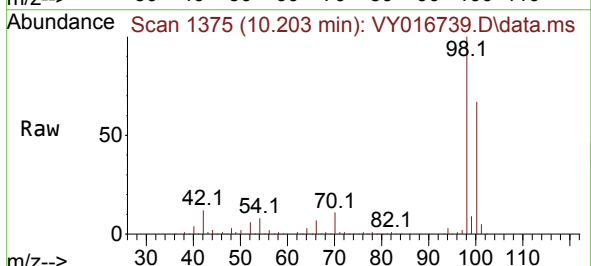
Acq: 21 Dec 2023 04:32

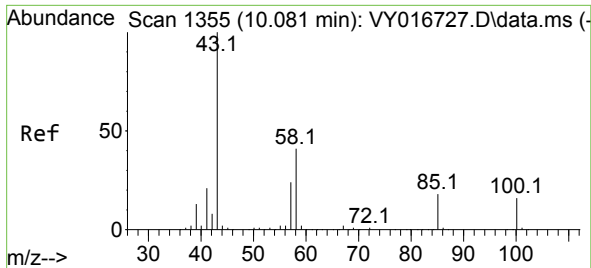
Tgt Ion: 98 Resp: 290021

Ion Ratio Lower Upper

98 100

100 66.1 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 118.461 ug/l

RT: 10.094 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

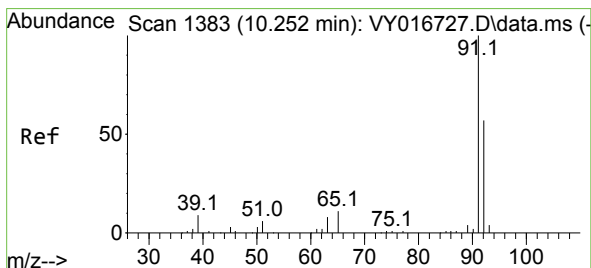
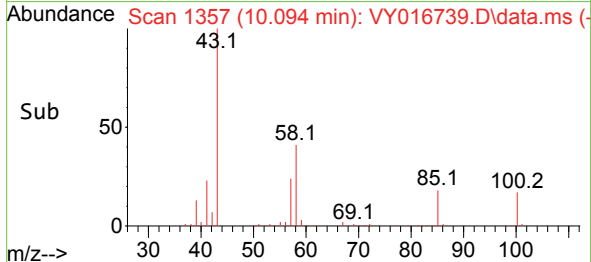
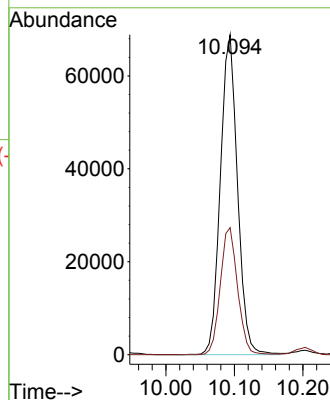
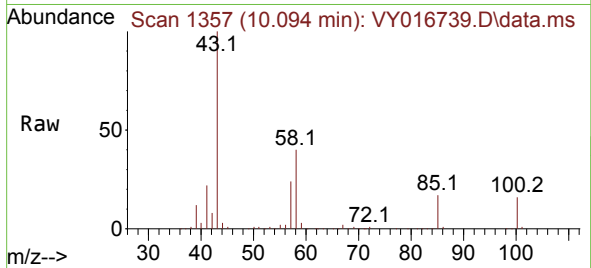
ClientSampleId :

Tgt Ion: 43 Resp: 119224

Ion Ratio Lower Upper

43 100

58 40.1 32.2 48.2



#52

Toluene

Concen: 21.430 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.012 min

Lab File: VY016739.D

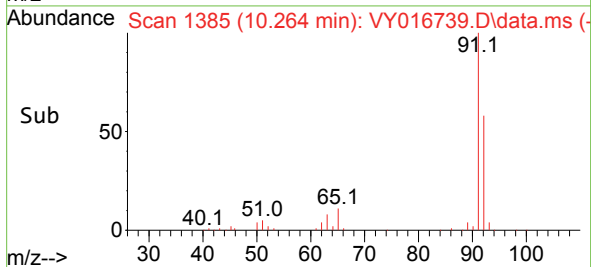
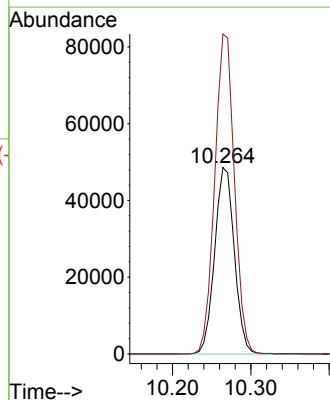
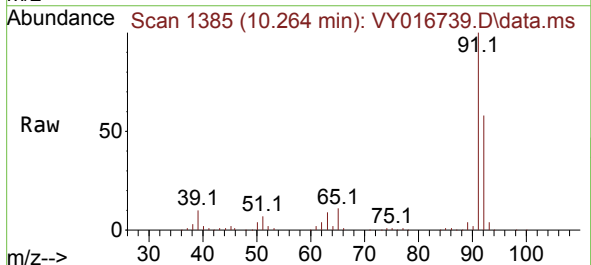
Acq: 21 Dec 2023 04:32

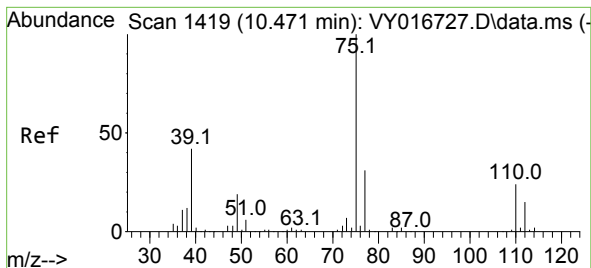
Tgt Ion: 92 Resp: 84797

Ion Ratio Lower Upper

92 100

91 171.9 137.6 206.4

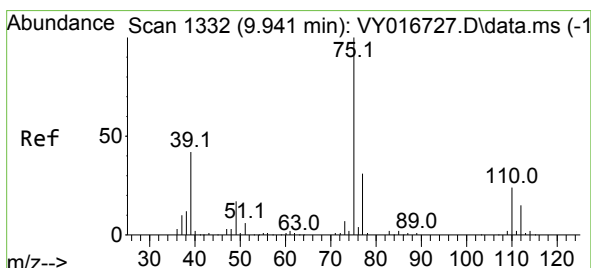
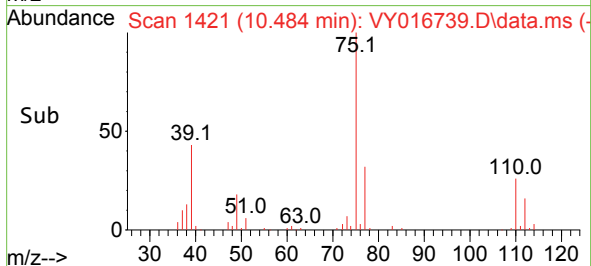
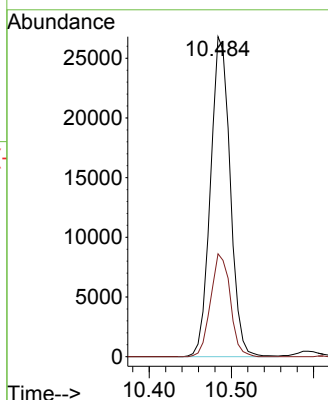
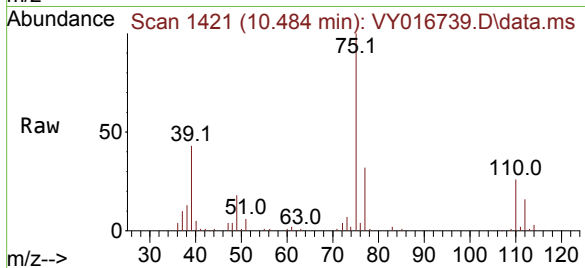




#53
 t-1,3-Dichloropropene
 Concen: 21.677 ug/l
 RT: 10.484 min Scan# 1419
 Delta R.T. 0.013 min
 Lab File: VY016739.D
 Acq: 21 Dec 2023 04:32

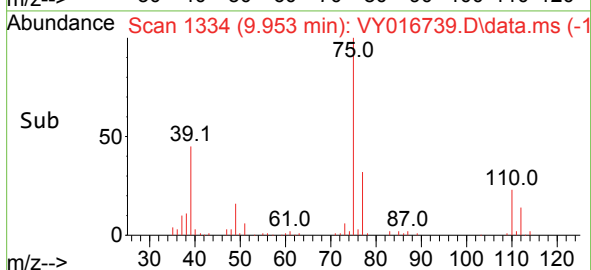
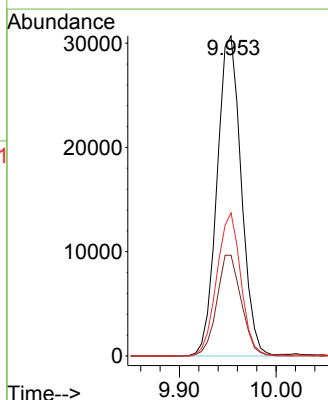
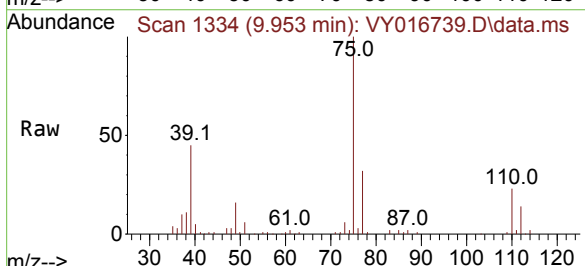
Instrument :
 MSVOA_Y
 ClientSampleId :

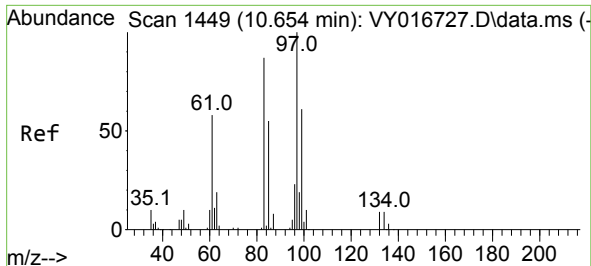
Tgt Ion: 75 Resp: 44578
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.531 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.012 min
 Lab File: VY016739.D
 Acq: 21 Dec 2023 04:32

Tgt Ion: 75 Resp: 53407
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 36.8
 39 44.8 33.6 50.4

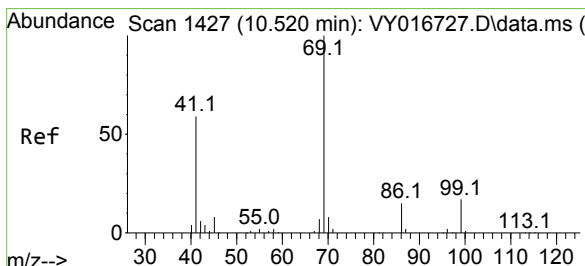
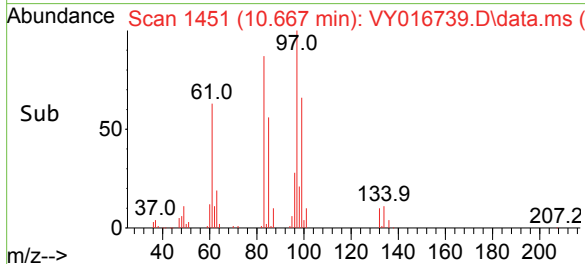
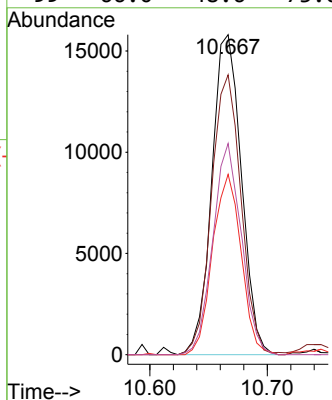
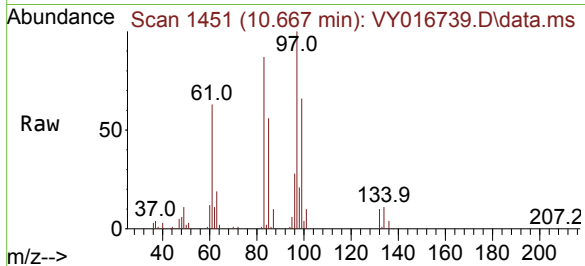




#55
1,1,2-Trichloroethane
Concen: 22.659 ug/l
RT: 10.667 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

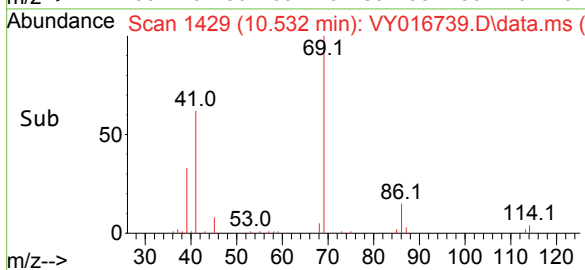
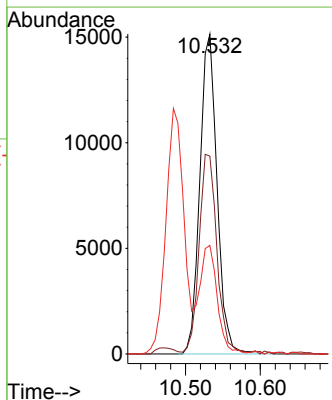
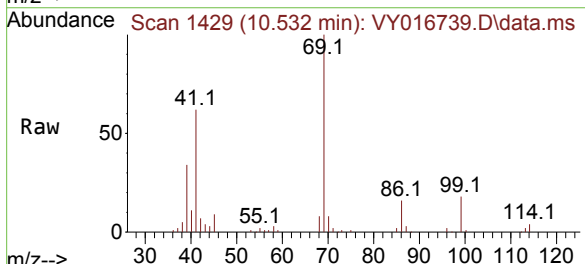
Instrument :
MSVOA_Y
ClientSampleId :

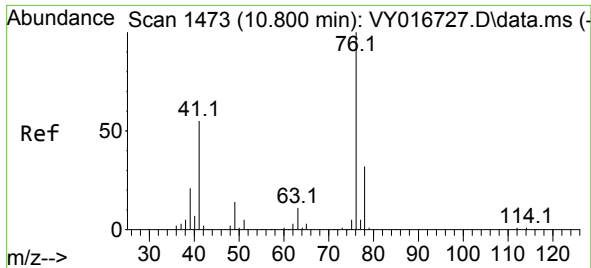
Tgt Ion: 97	Resp: 27663
Ion Ratio	Lower Upper
97 100	
83 87.5	69.4 104.2
85 56.3	43.9 65.9
99 66.0	48.6 73.0



#56
Ethyl methacrylate
Concen: 22.579 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Tgt Ion: 69	Resp: 24239
Ion Ratio	Lower Upper
69 100	
41 63.7	49.2 73.8
39 34.7	26.8 40.2





#57

1,3-Dichloropropane

Concen: 22.209 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.007 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

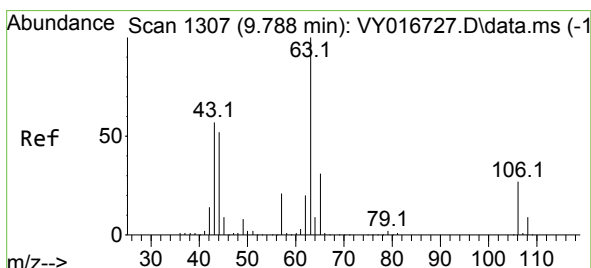
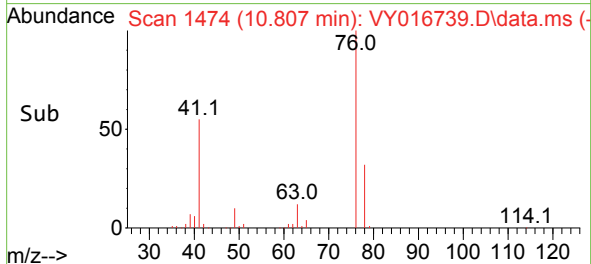
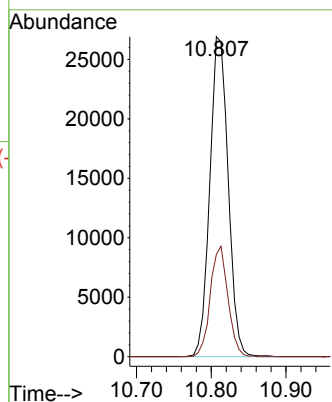
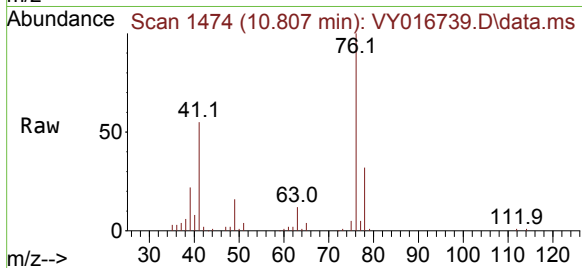
ClientSampleId :

Tgt Ion: 76 Resp: 46054

Ion Ratio Lower Upper

76 100

78 33.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 118.705 ug/l

RT: 9.807 min Scan# 1310

Delta R.T. 0.019 min

Lab File: VY016739.D

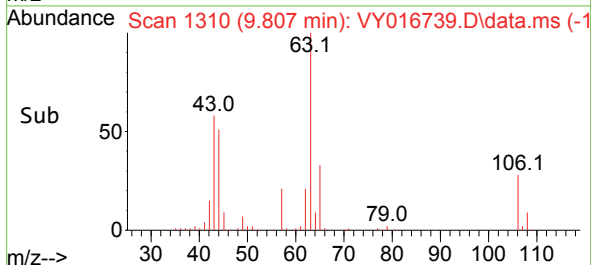
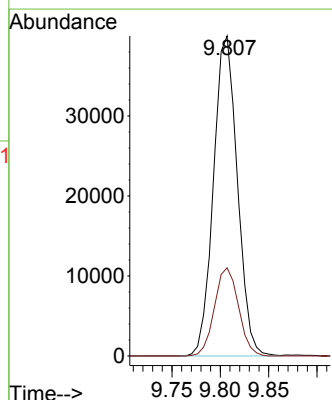
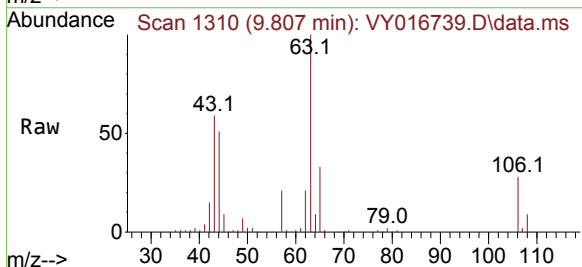
Acq: 21 Dec 2023 04:32

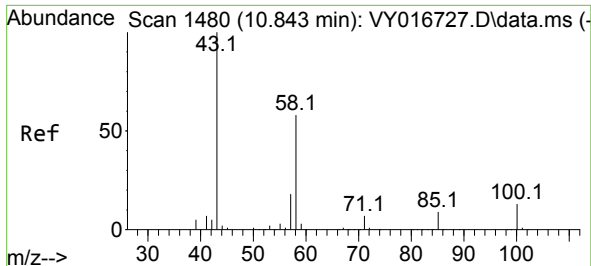
Tgt Ion: 63 Resp: 68553

Ion Ratio Lower Upper

63 100

106 27.7 22.4 33.6





#59

2-Hexanone

Concen: 115.522 ug/l

RT: 10.849 min Scan# 1480

Delta R.T. 0.006 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

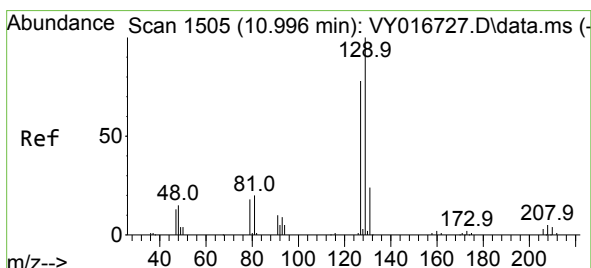
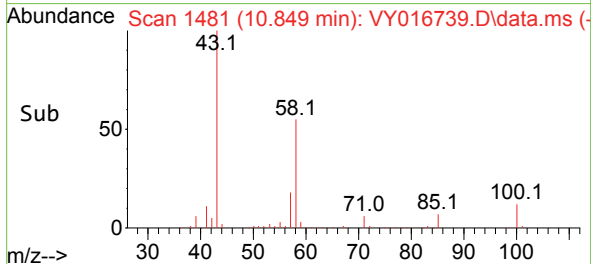
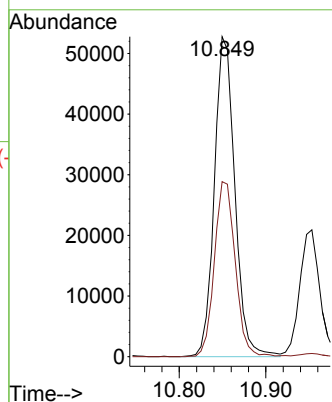
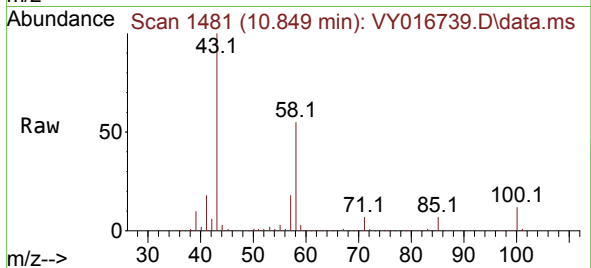
ClientSampleId :

Tgt Ion: 43 Resp: 86695

Ion Ratio Lower Upper

43 100

58 55.8 28.1 84.3



#60

Dibromochloromethane

Concen: 21.948 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.006 min

Lab File: VY016739.D

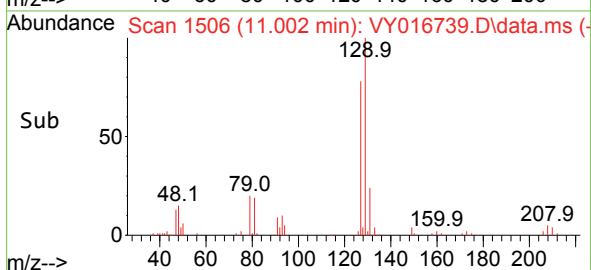
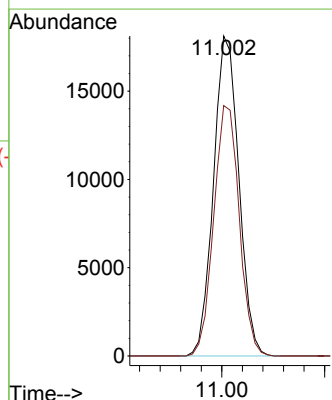
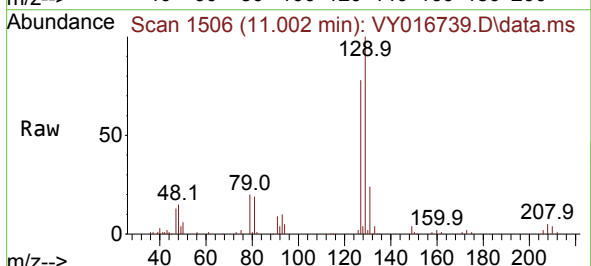
Acq: 21 Dec 2023 04:32

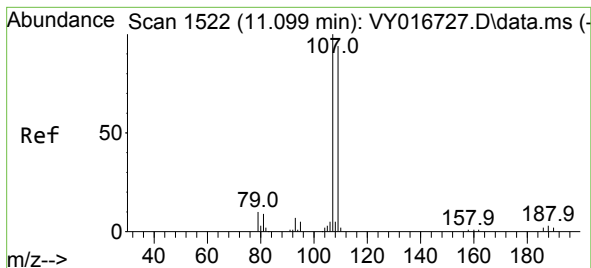
Tgt Ion:129 Resp: 30996

Ion Ratio Lower Upper

129 100

127 78.7 39.2 117.6





#61

1,2-Dibromoethane

Concen: 23.001 ug/l

RT: 11.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

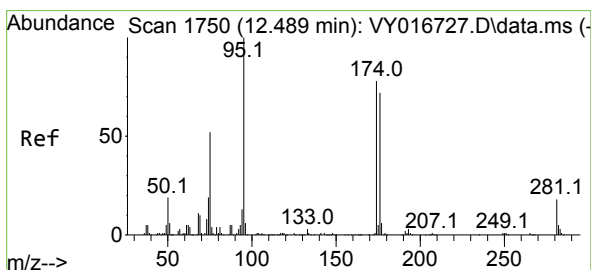
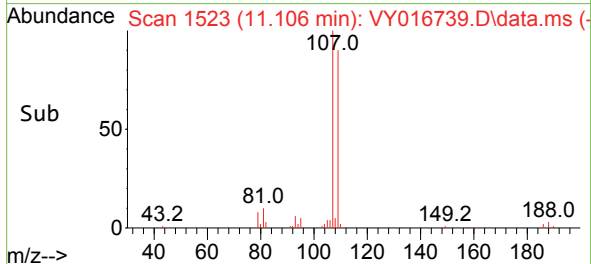
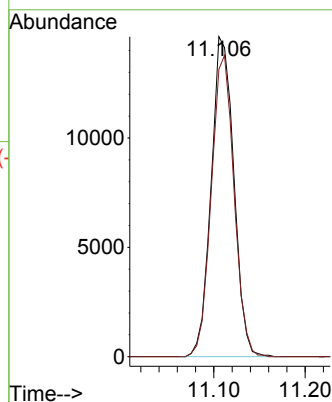
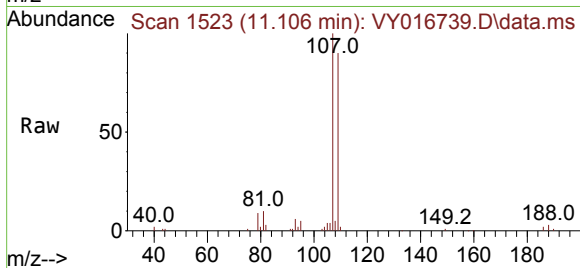
ClientSampleId :

Tgt Ion:107 Resp: 25182

Ion Ratio Lower Upper

107 100

109 94.2 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 56.503 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

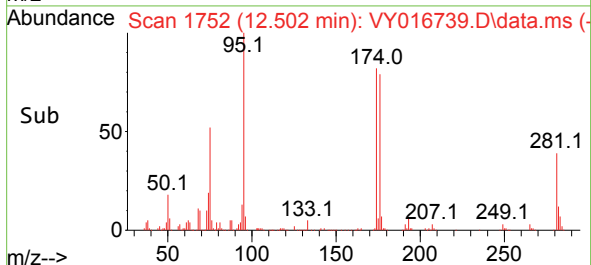
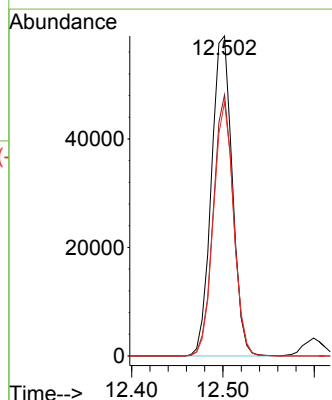
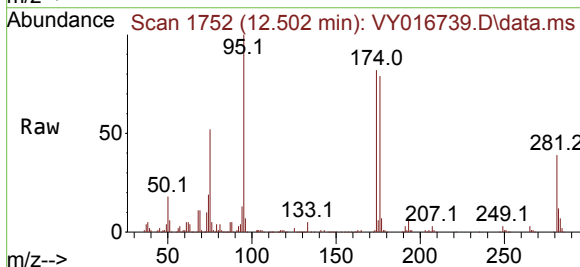
Tgt Ion: 95 Resp: 93530

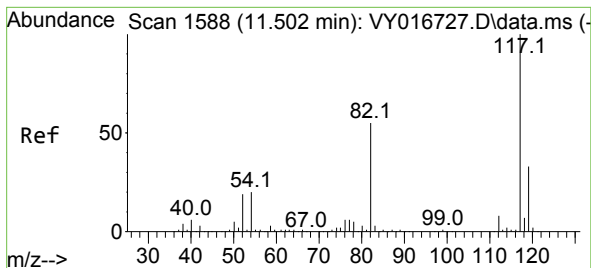
Ion Ratio Lower Upper

95 100

174 78.6 0.0 160.0

176 76.6 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :

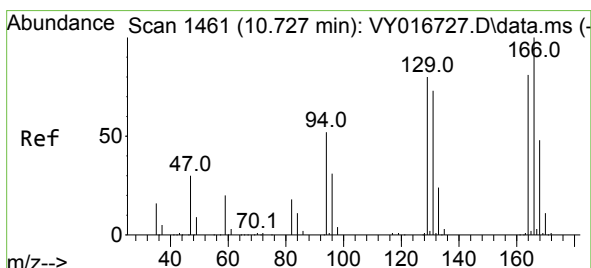
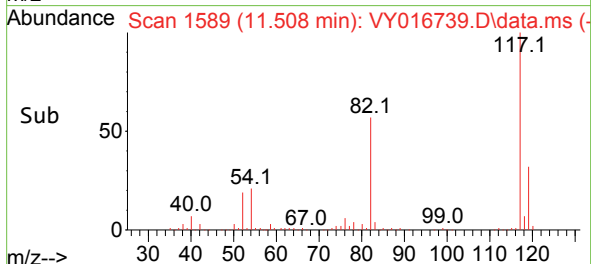
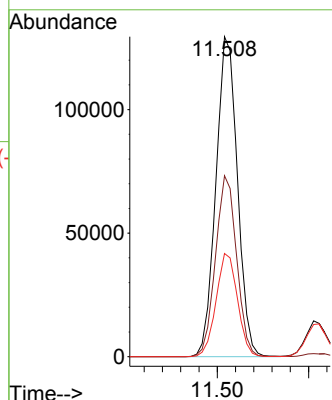
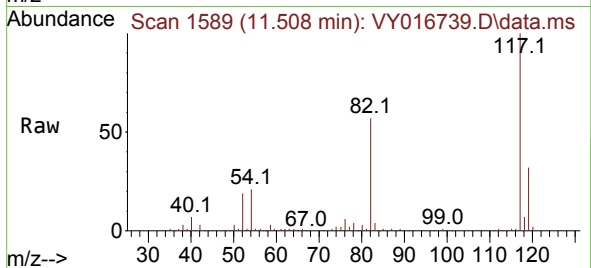
Tgt Ion:117 Resp: 212172

Ion Ratio Lower Upper

117 100

82 56.6 43.8 65.8

119 32.3 26.5 39.7



#64

Tetrachloroethene

Concen: 22.200 ug/l

RT: 10.746 min Scan# 1464

Delta R.T. 0.019 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Tgt Ion:164 Resp: 29259

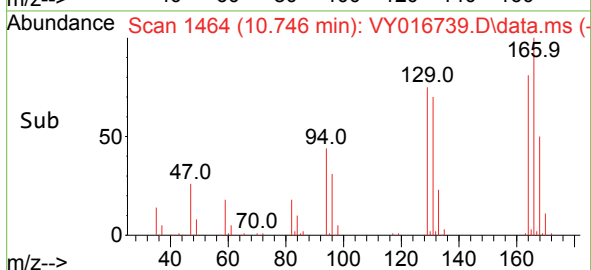
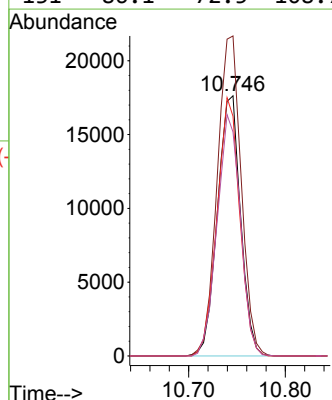
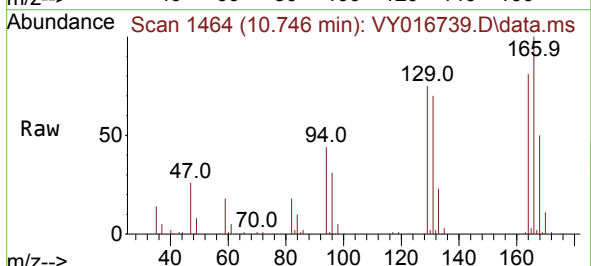
Ion Ratio Lower Upper

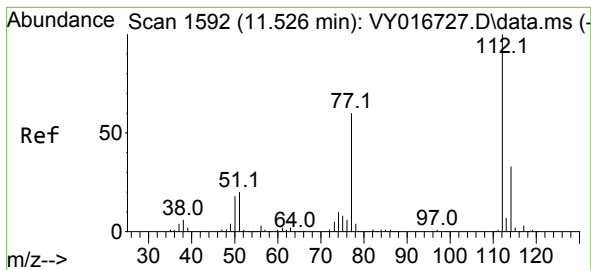
164 100

166 123.0 98.8 148.2

129 92.1 78.9 118.3

131 86.1 72.5 108.7





#65

Chlorobenzene

Concen: 21.233 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

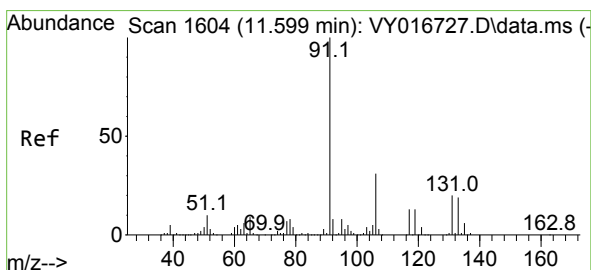
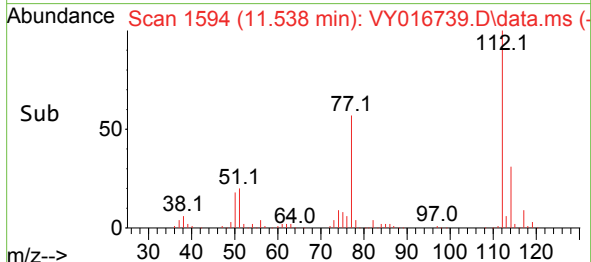
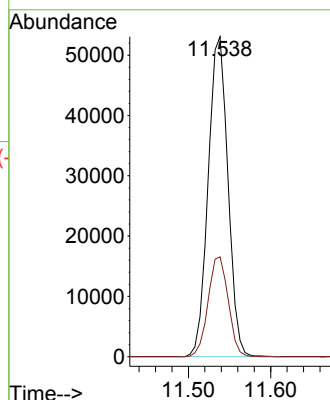
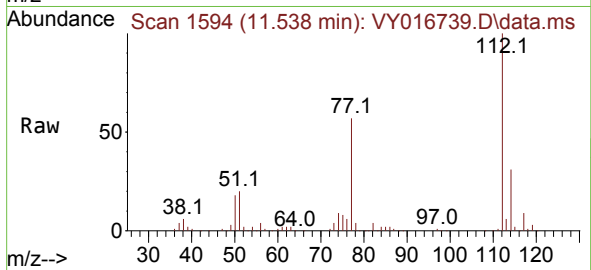
ClientSampleId :

Tgt Ion:112 Resp: 88513

Ion Ratio Lower Upper

112 100

114 31.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.703 ug/l

RT: 11.612 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

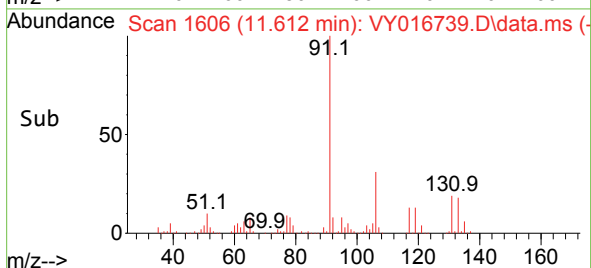
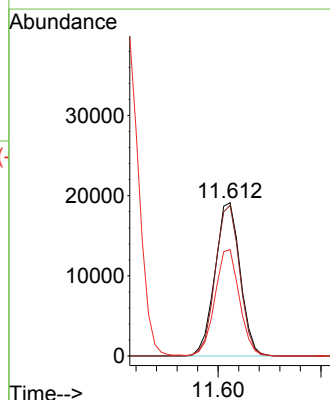
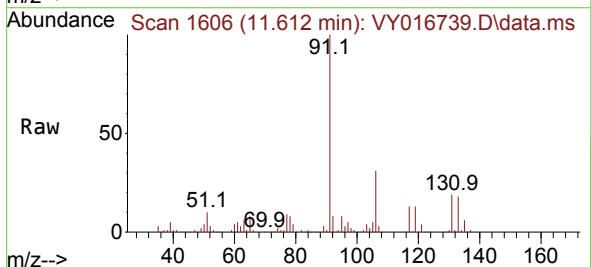
Tgt Ion:131 Resp: 32471

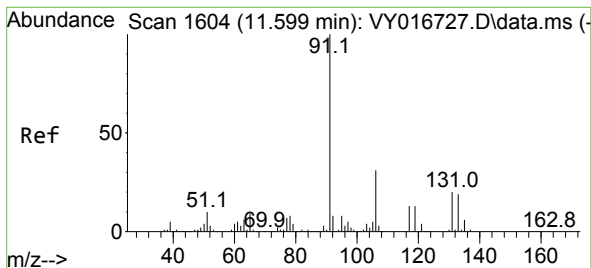
Ion Ratio Lower Upper

131 100

133 95.6 47.0 141.0

119 67.6 33.3 99.9





#67

Ethyl Benzene

Concen: 20.479 ug/l

RT: 11.612 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

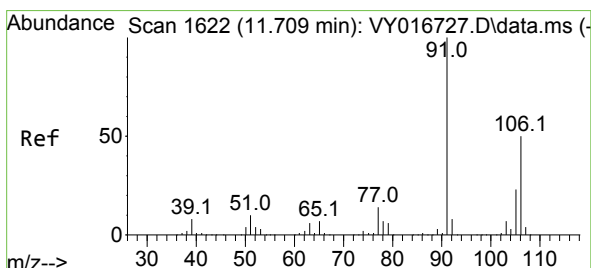
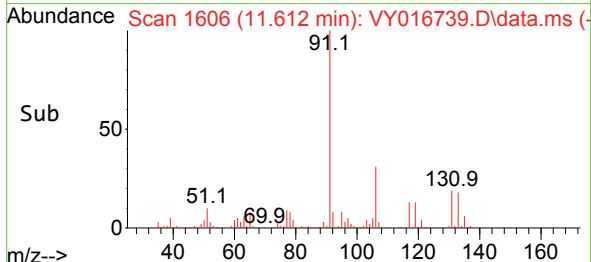
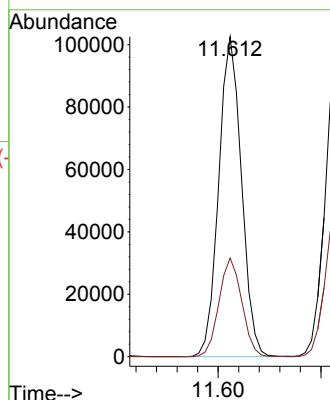
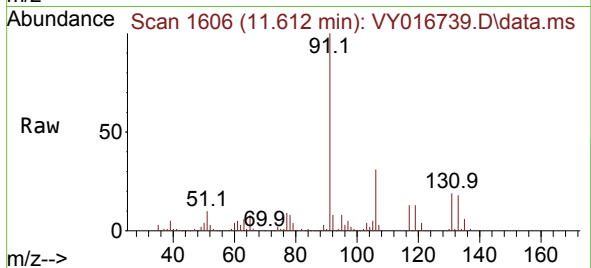
ClientSampleId :

Tgt Ion: 91 Resp: 157128

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



#68

m/p-Xylenes

Concen: 40.816 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY016739.D

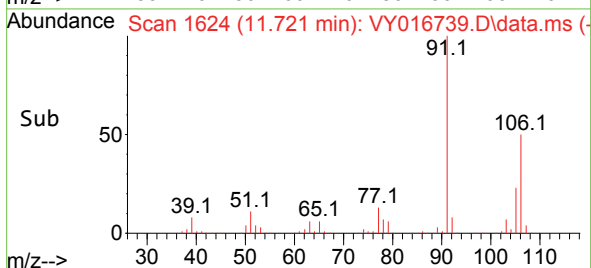
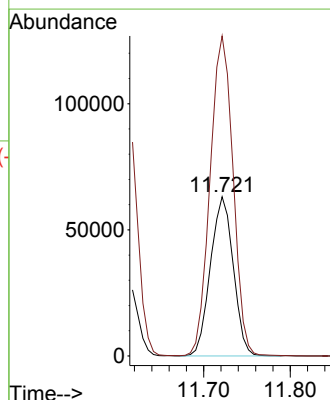
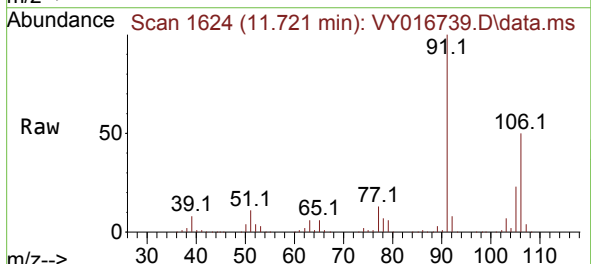
Acq: 21 Dec 2023 04:32

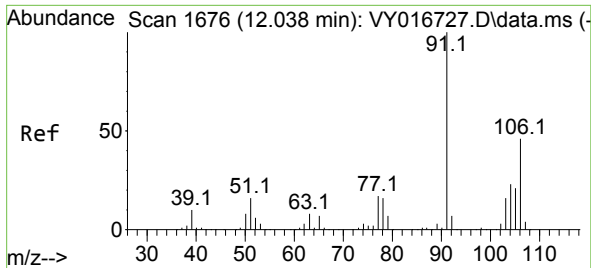
Tgt Ion:106 Resp: 115643

Ion Ratio Lower Upper

106 100

91 202.6 160.7 241.1

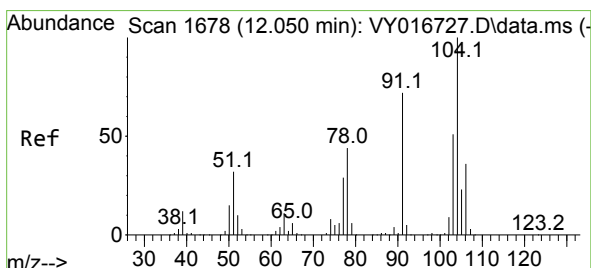
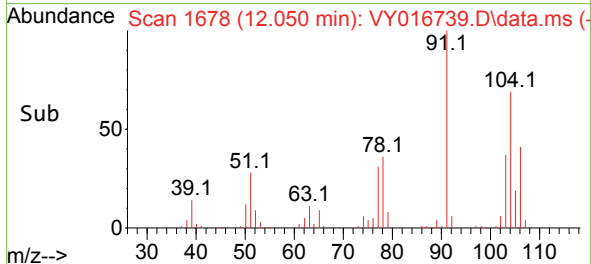
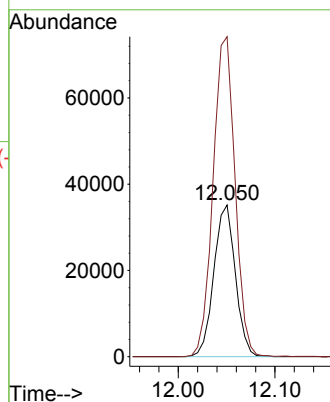
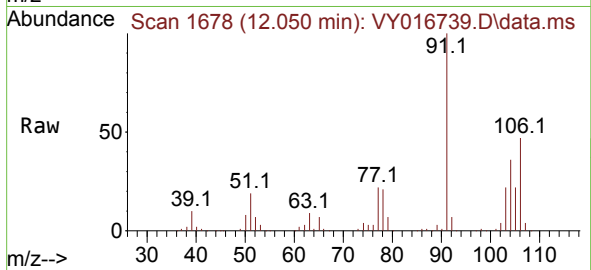




#69
o-Xylene
Concen: 20.898 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.013 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

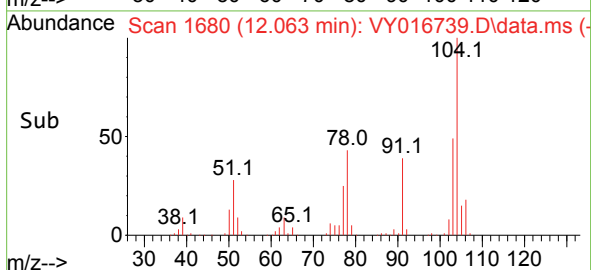
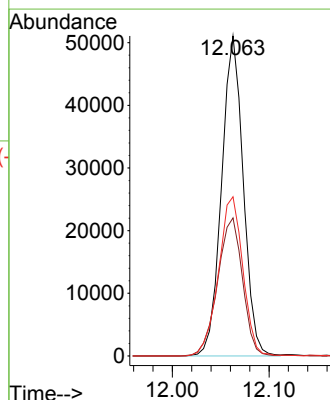
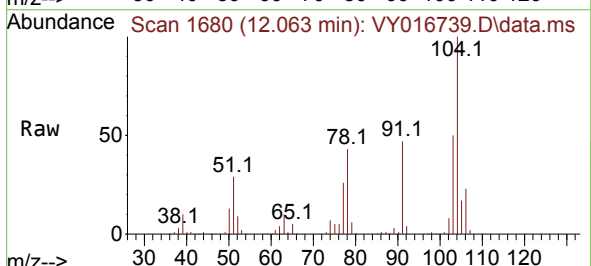
Instrument :
MSVOA_Y
ClientSampleId :

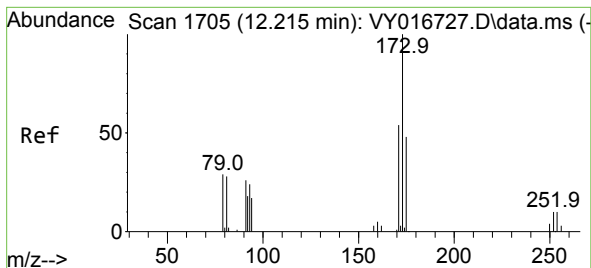
Tgt Ion:106 Resp: 54321
Ion Ratio Lower Upper
106 100
91 215.6 106.5 319.5



#70
Styrene
Concen: 20.629 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.012 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Tgt Ion:104 Resp: 79347
Ion Ratio Lower Upper
104 100
78 49.7 39.2 58.8
103 56.1 43.8 65.6





#71

Bromoform

Concen: 22.333 ug/l

RT: 12.227 min Scan# 1707

Delta R.T. 0.013 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :

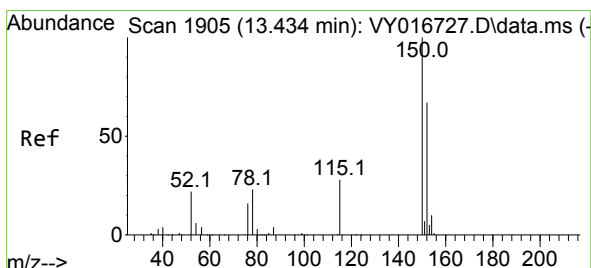
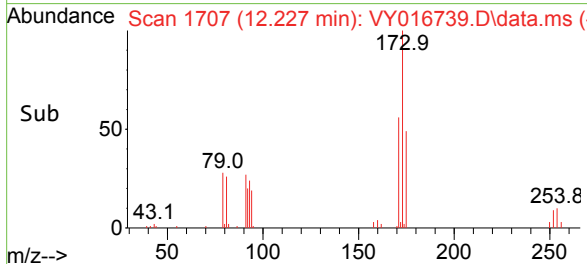
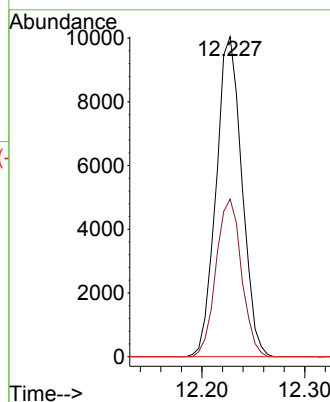
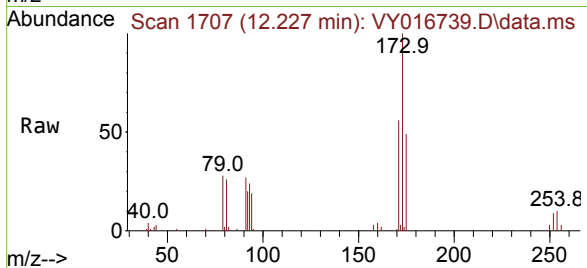
Tgt Ion:173 Resp: 17463

Ion Ratio Lower Upper

173 100

175 48.7 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

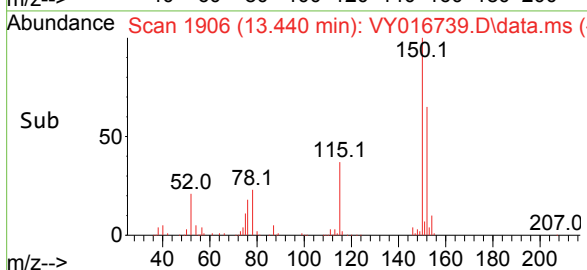
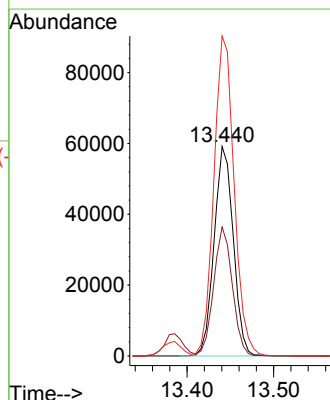
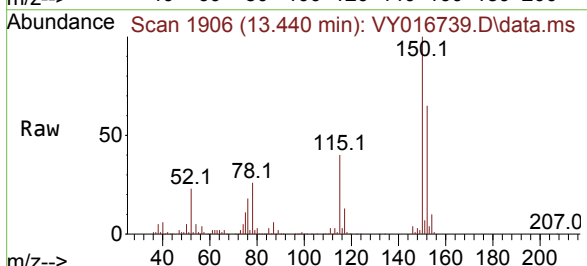
Tgt Ion:152 Resp: 90960

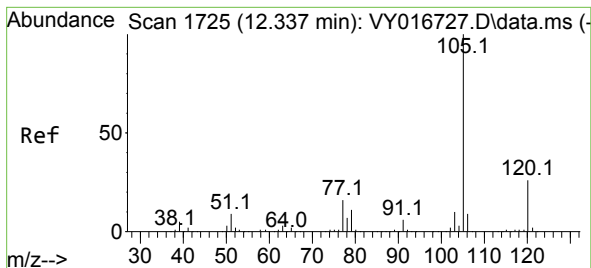
Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 160.8 0.0 344.6





#73

Isopropylbenzene

Concen: 20.488 ug/l

RT: 12.349 min Scan# 1727

Delta R.T. 0.012 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

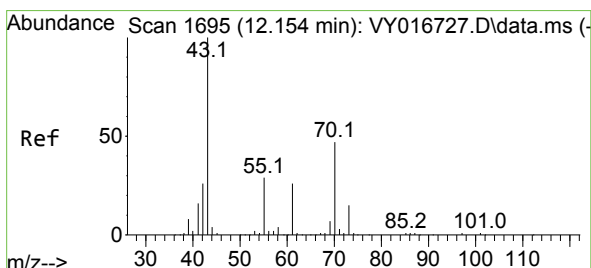
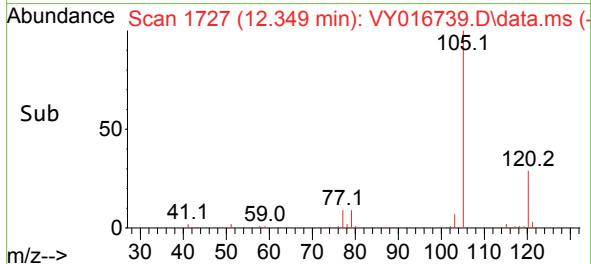
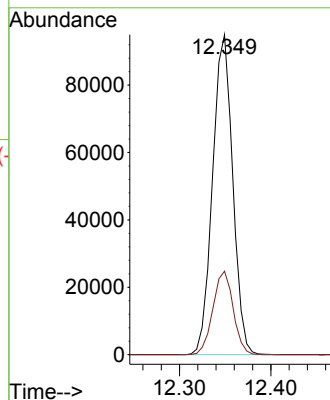
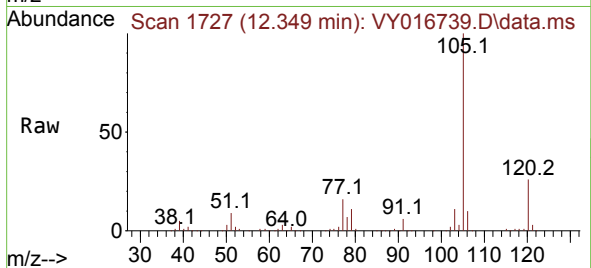
ClientSampleId :

Tgt Ion:105 Resp: 145140

Ion Ratio Lower Upper

105 100

120 26.3 13.0 39.0



#74

N-ethyl acetate

Concen: 21.624 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Tgt Ion: 43 Resp: 32149

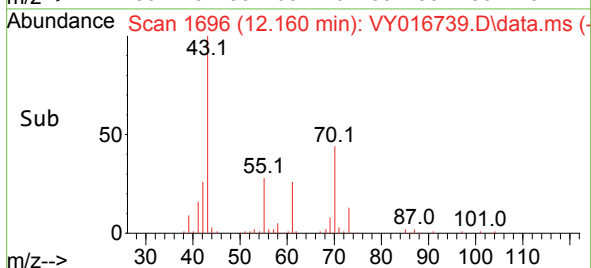
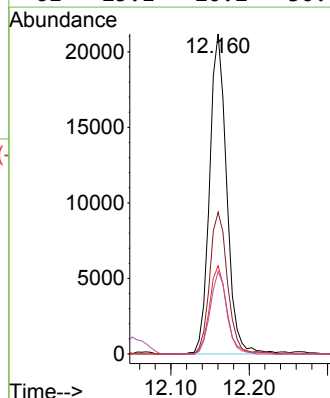
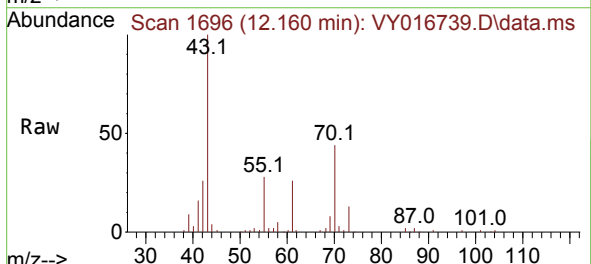
Ion Ratio Lower Upper

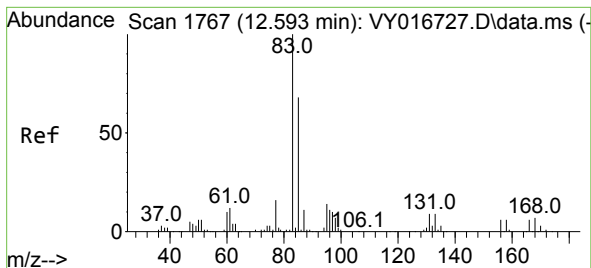
43 100

70 46.1 36.6 55.0

55 28.0 22.2 33.4

61 25.1 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.672 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :

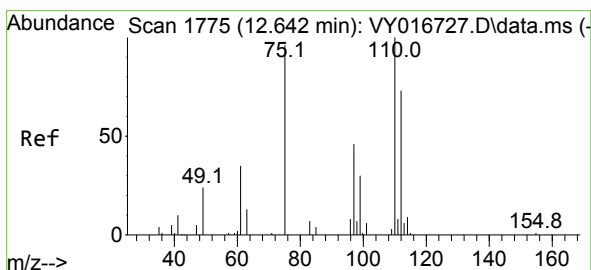
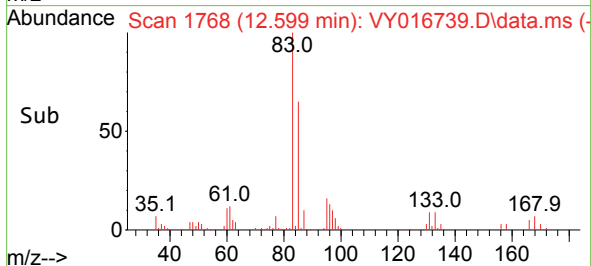
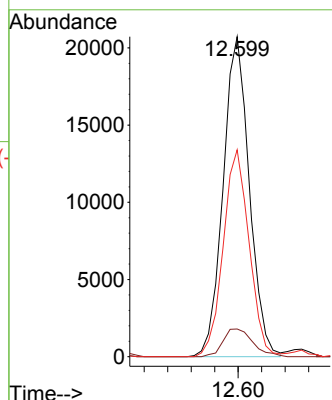
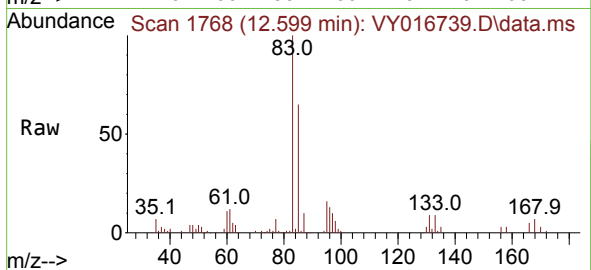
Tgt Ion: 83 Resp: 32095

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

85 63.9 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 37.568 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016739.D

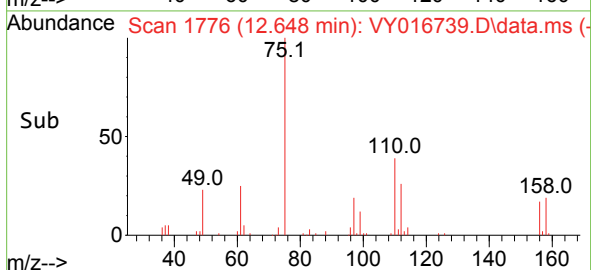
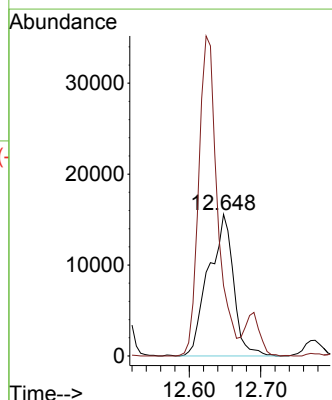
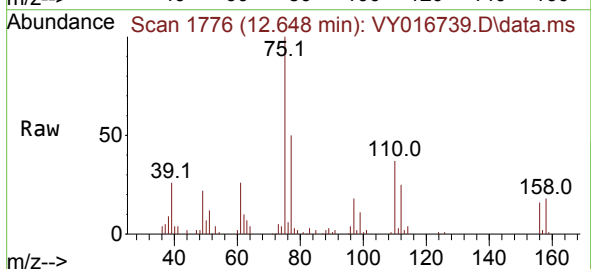
Acq: 21 Dec 2023 04:32

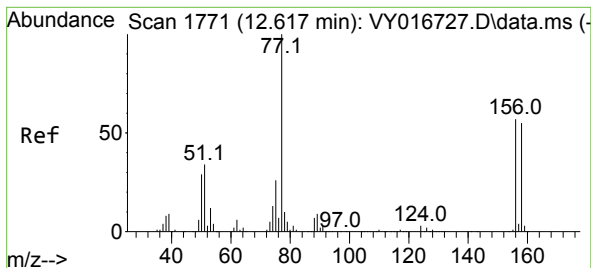
Tgt Ion: 75 Resp: 37775

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.353 ug/l

RT: 12.630 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016739.D

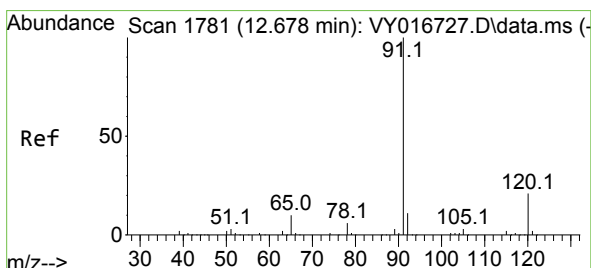
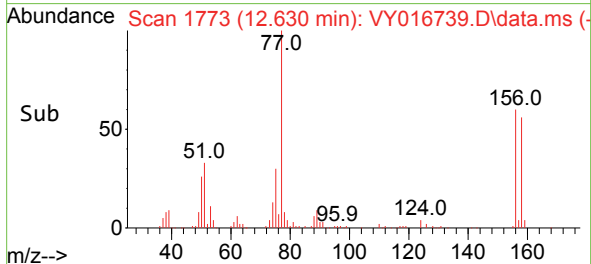
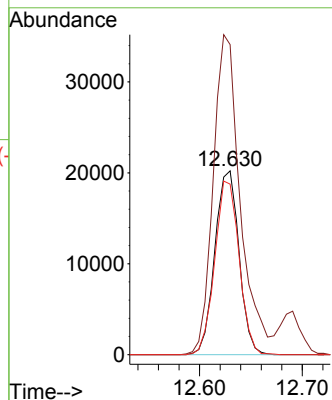
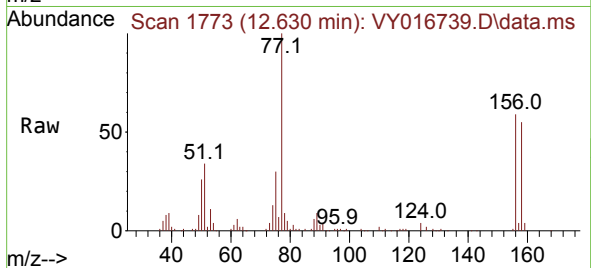
Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:156	Resp:	33000
Ion	Ratio	Lower Upper
156	100	
77	193.6	97.3 291.8
158	95.2	48.4 145.0



#78

n-propylbenzene

Concen: 20.540 ug/l

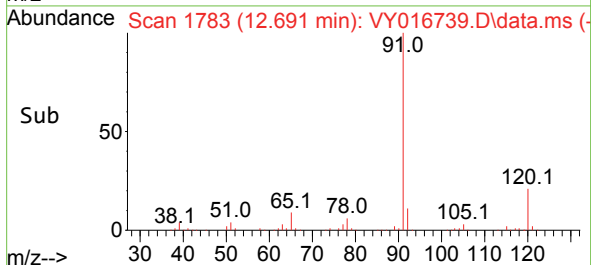
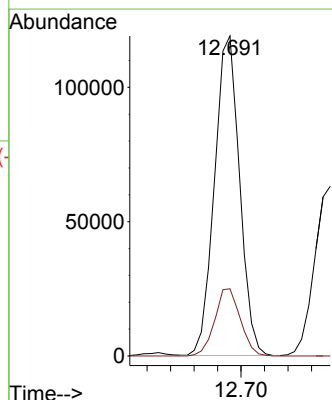
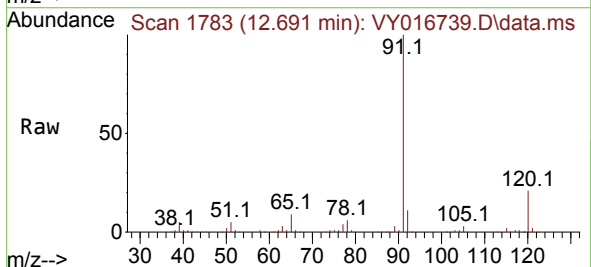
RT: 12.691 min Scan# 1783

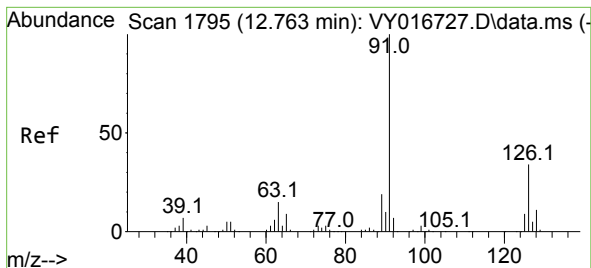
Delta R.T. 0.012 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Tgt Ion: 91	Resp:	176295
Ion	Ratio	Lower Upper
91	100	
120	21.5	11.0 33.0





#79

2-Chlorotoluene

Concen: 20.979 ug/l

RT: 12.776 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

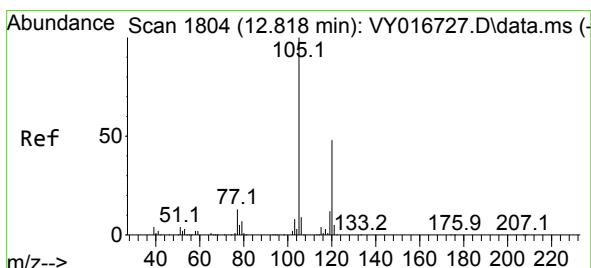
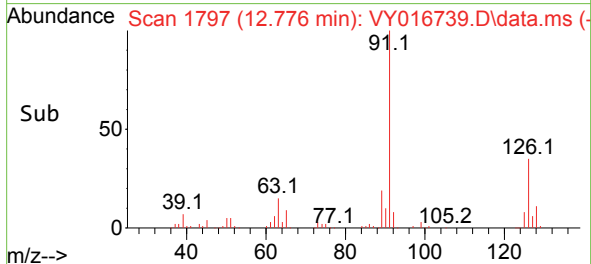
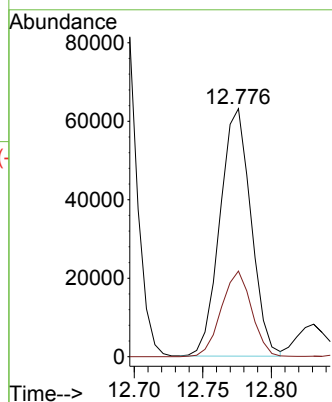
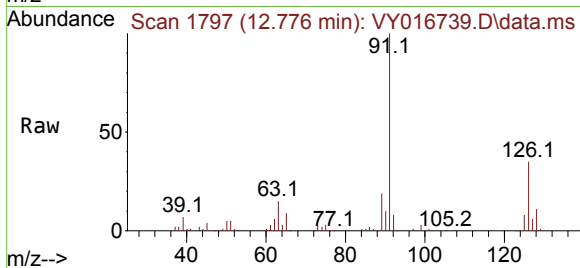
ClientSampleId :

Tgt Ion: 91 Resp: 99637

Ion Ratio Lower Upper

91 100

126 33.7 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 20.521 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.012 min

Lab File: VY016739.D

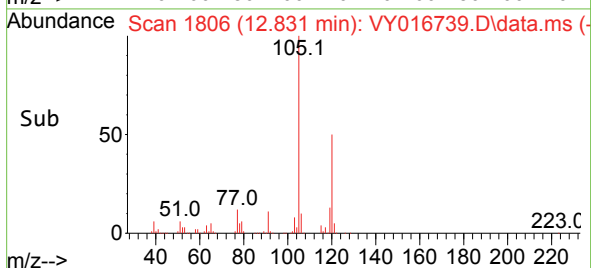
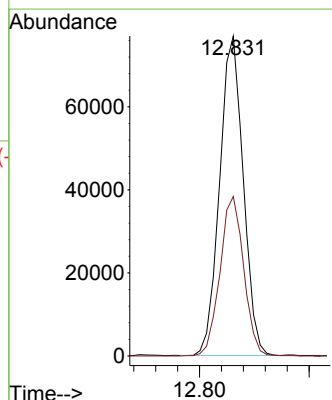
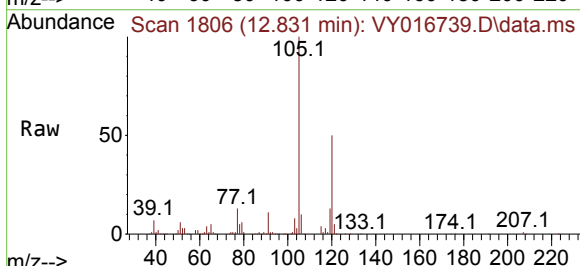
Acq: 21 Dec 2023 04:32

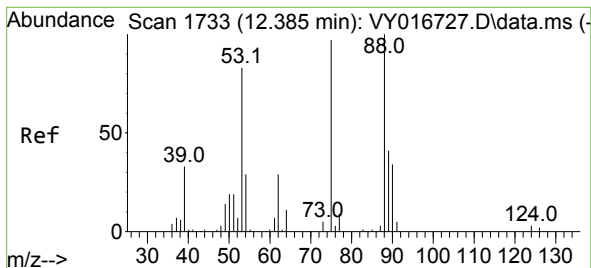
Tgt Ion: 105 Resp: 115075

Ion Ratio Lower Upper

105 100

120 50.1 24.3 72.8

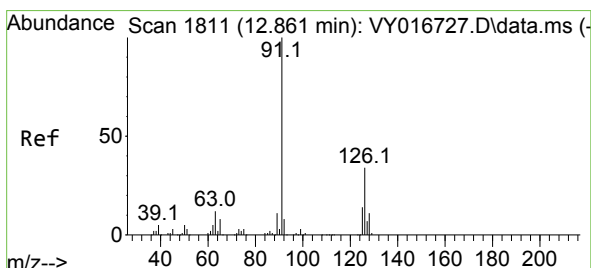
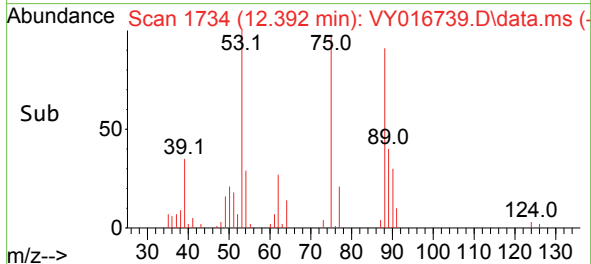
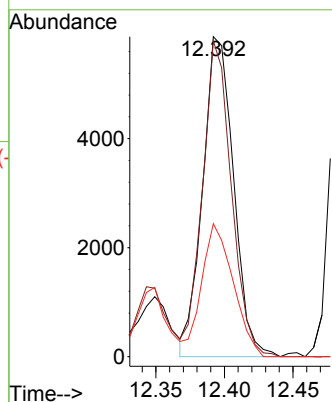
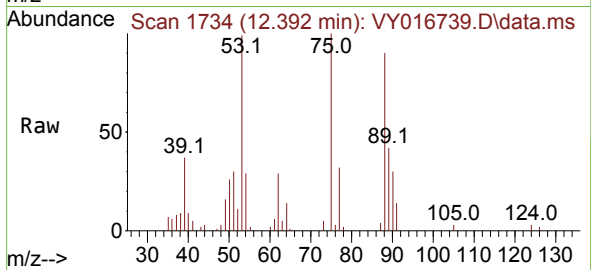




#81
trans-1,4-Dichloro-2-butene
Concen: 21.496 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

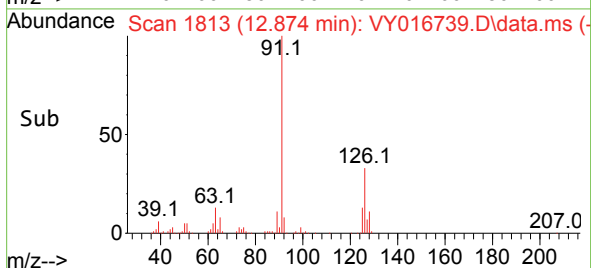
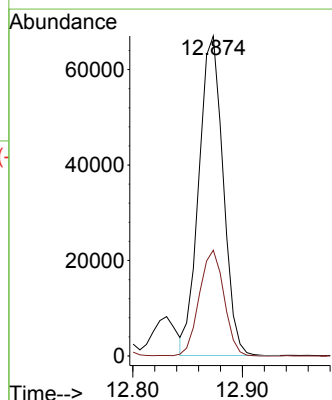
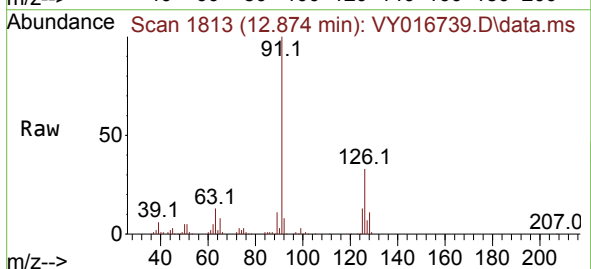
Instrument :
MSVOA_Y
ClientSampleId :

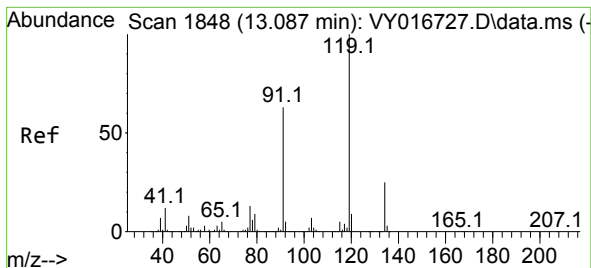
Tgt Ion: 75 Resp: 9204
Ion Ratio Lower Upper
75 100
53 92.5 74.0 111.0
89 42.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.090 ug/l
RT: 12.874 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016739.D
Acq: 21 Dec 2023 04:32

Tgt Ion: 91 Resp: 102760
Ion Ratio Lower Upper
91 100
126 33.7 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.749 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

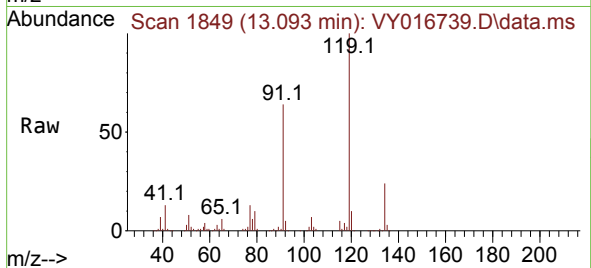
Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :



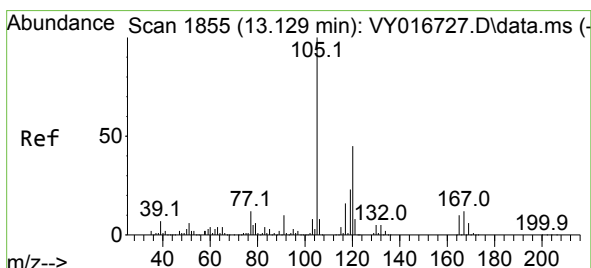
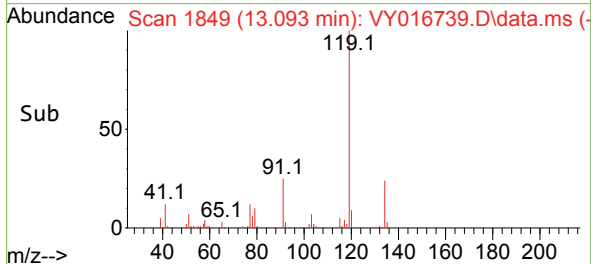
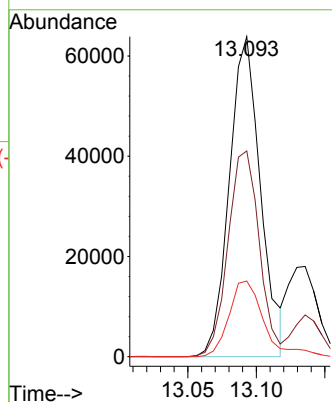
Tgt Ion:119 Resp: 101209

Ion Ratio Lower Upper

119 100

91 64.5 31.5 94.5

134 26.5 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.895 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016739.D

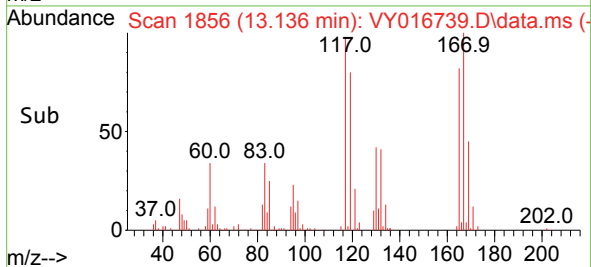
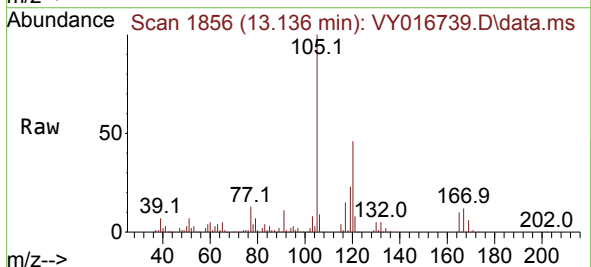
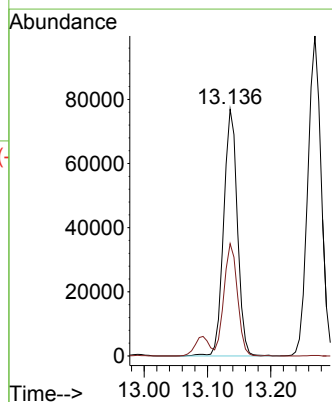
Acq: 21 Dec 2023 04:32

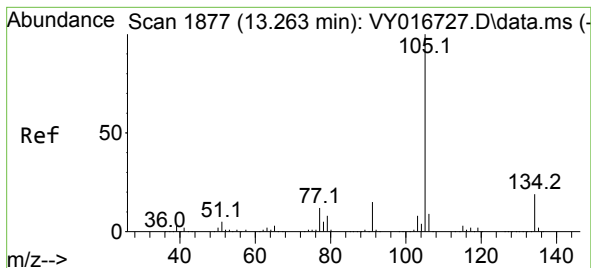
Tgt Ion:105 Resp: 115541

Ion Ratio Lower Upper

105 100

120 44.6 22.1 66.3





#85

sec-Butylbenzene

Concen: 20.276 ug/l

RT: 13.270 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

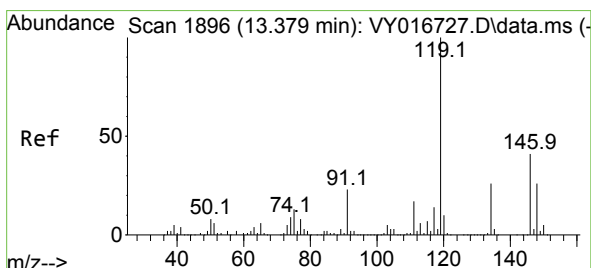
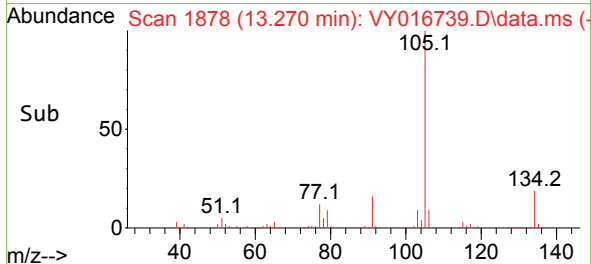
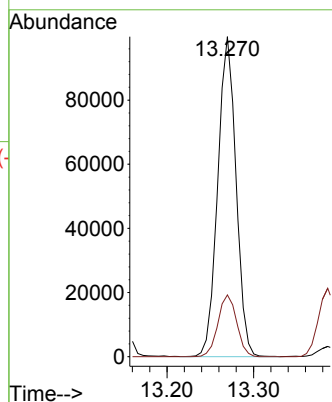
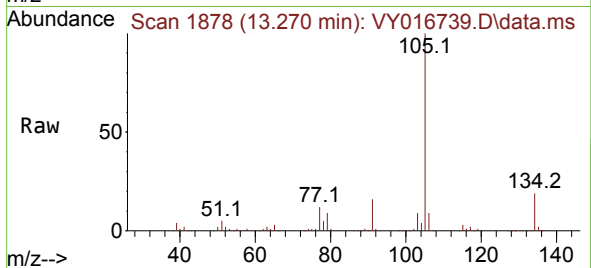
ClientSampleId :

Tgt Ion:105 Resp: 146490

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.046 ug/l

RT: 13.386 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

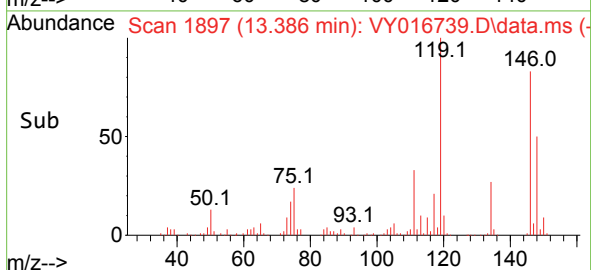
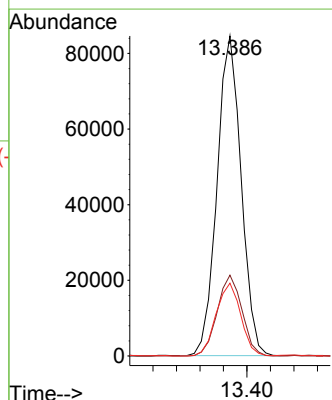
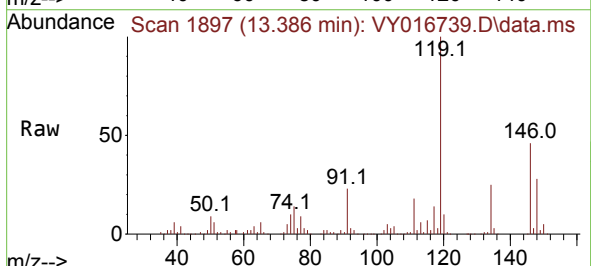
Tgt Ion:119 Resp: 120614

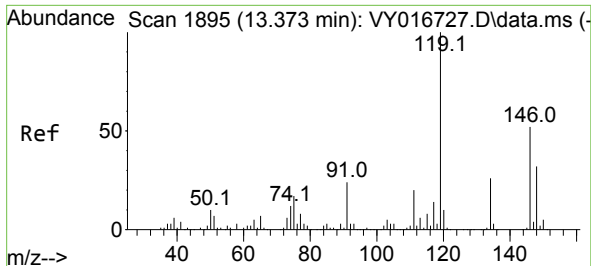
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.3 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.917 ug/l

RT: 13.380 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :

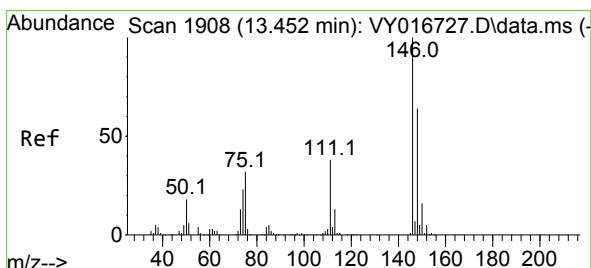
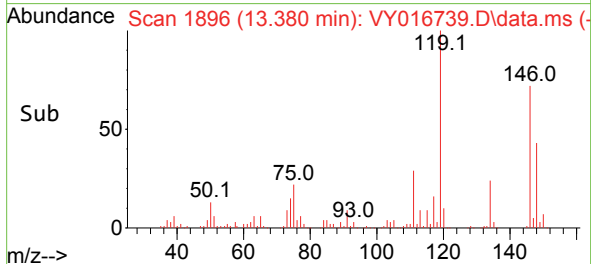
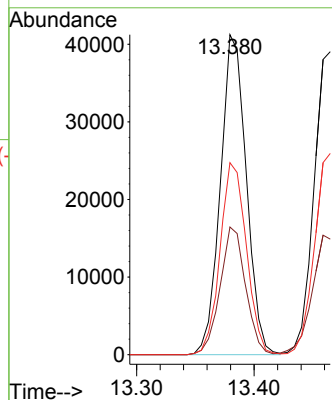
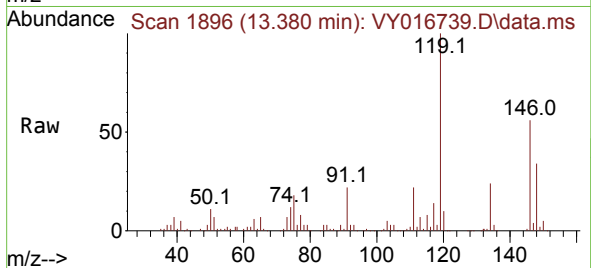
Tgt Ion:146 Resp: 63175

Ion Ratio Lower Upper

146 100

111 39.3 20.2 60.5

148 61.0 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.923 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

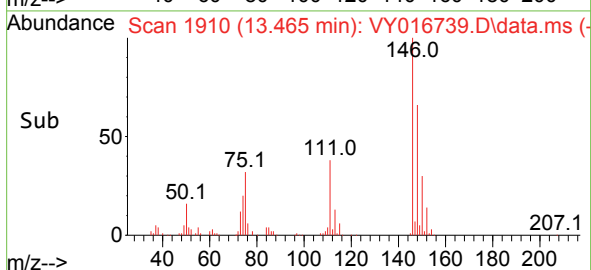
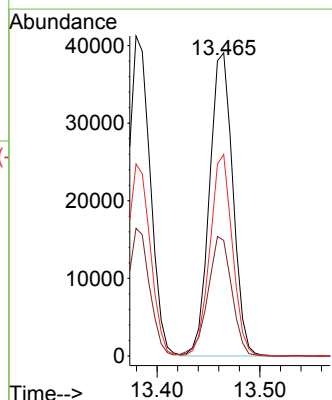
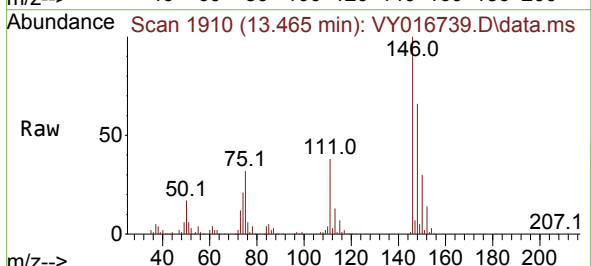
Tgt Ion:146 Resp: 61705

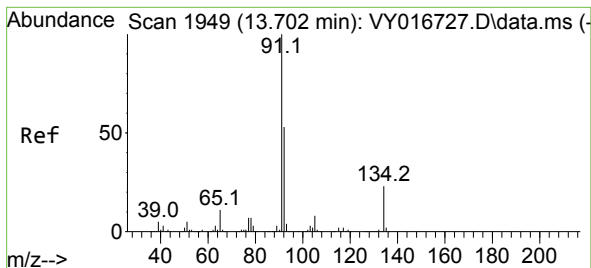
Ion Ratio Lower Upper

146 100

111 40.5 19.3 57.9

148 64.2 31.6 94.7





#89

n-Butylbenzene

Concen: 19.952 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016739.D

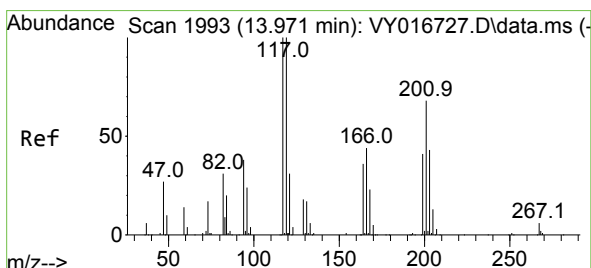
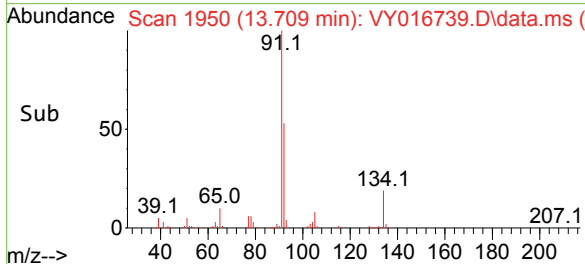
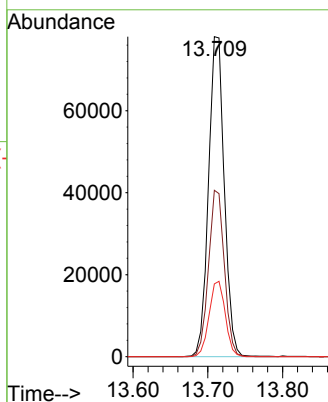
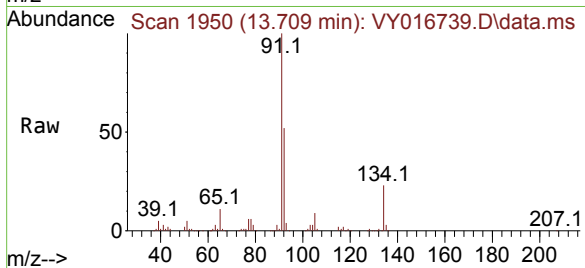
Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 114755
Ion Ratio	Lower Upper
91	100
92	52.2 26.4 79.2
134	24.1 12.3 36.8



#90

Hexachloroethane

Concen: 20.411 ug/l

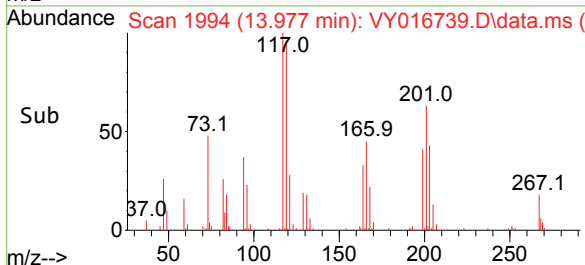
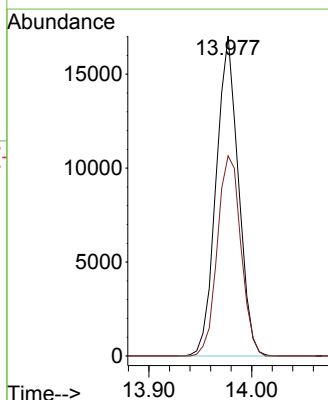
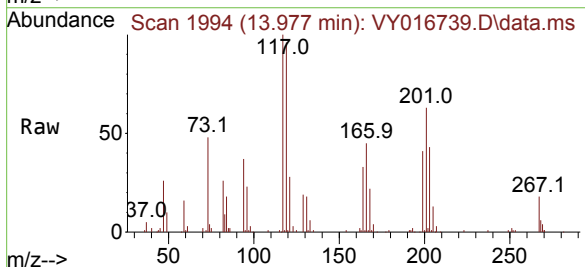
RT: 13.977 min Scan# 1994

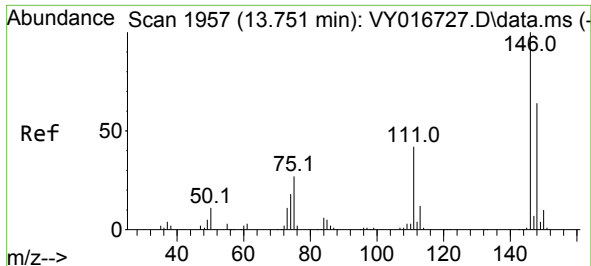
Delta R.T. 0.006 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Tgt Ion: 117	Resp: 25572
Ion Ratio	Lower Upper
117	100
201	66.3 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 21.428 ug/l

RT: 13.757 min Scan# 1957

Delta R.T. 0.006 min

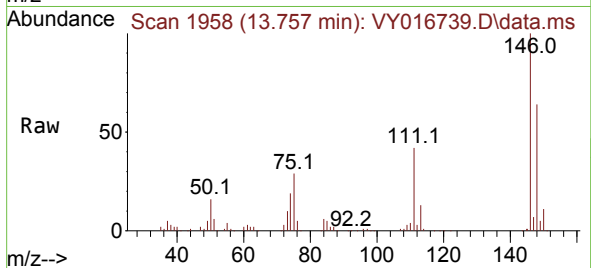
Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :



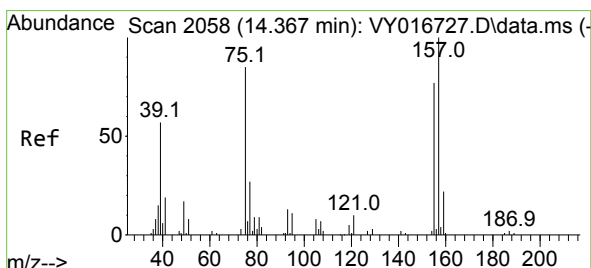
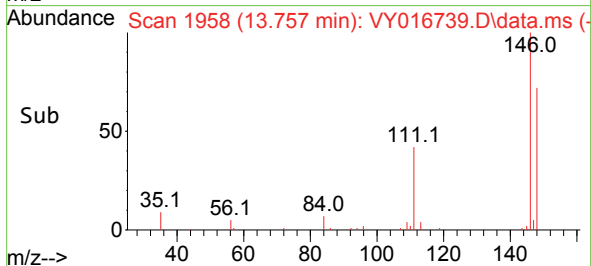
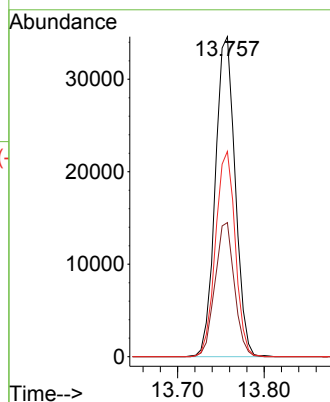
Tgt Ion:146 Resp: 55135

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

148 63.6 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.986 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

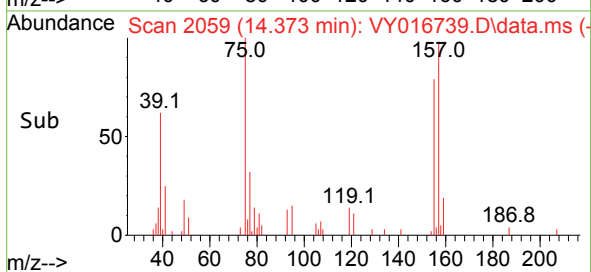
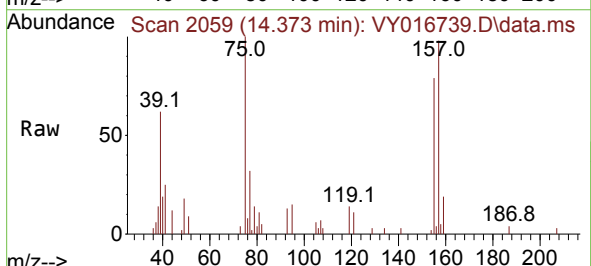
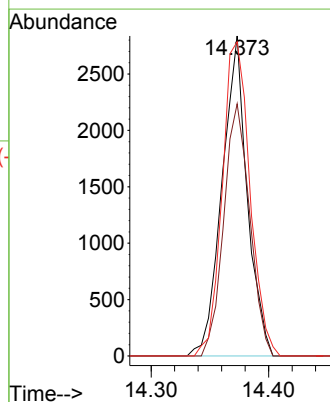
Tgt Ion: 75 Resp: 4218

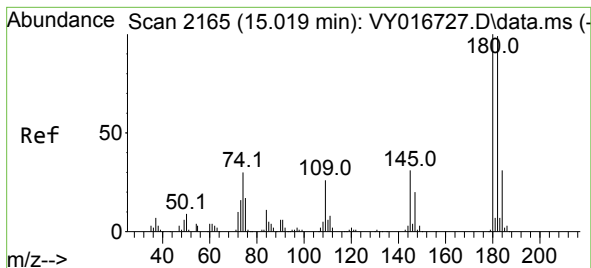
Ion Ratio Lower Upper

75 100

155 81.3 42.1 126.3

157 108.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.353 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :

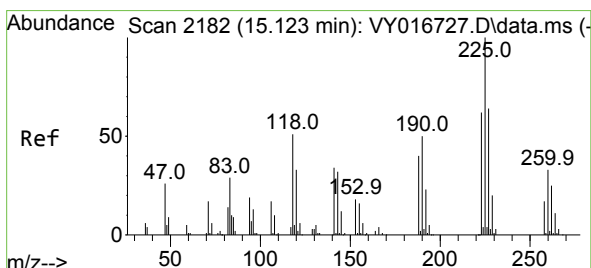
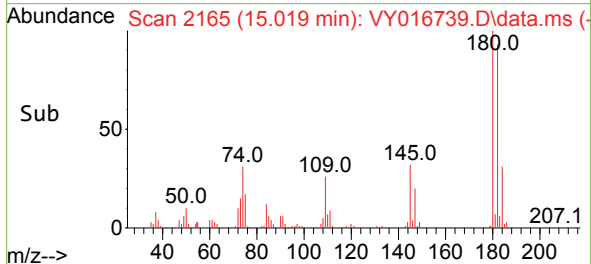
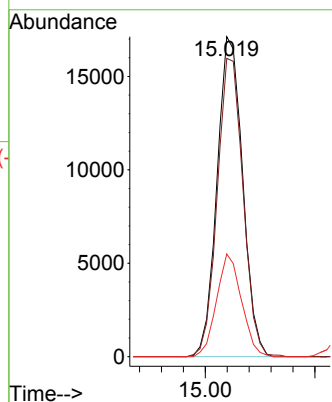
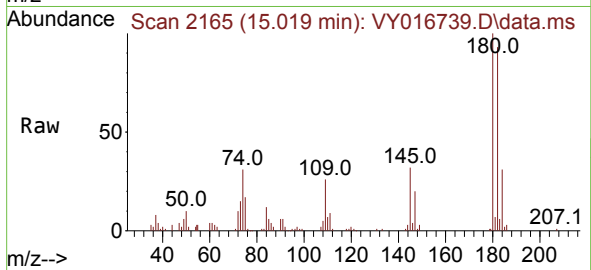
Tgt Ion:180 Resp: 27787

Ion Ratio Lower Upper

180 100

182 93.7 47.9 143.7

145 31.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.691 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

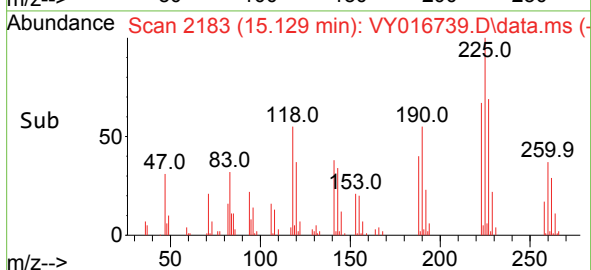
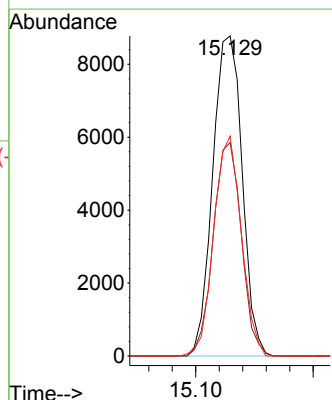
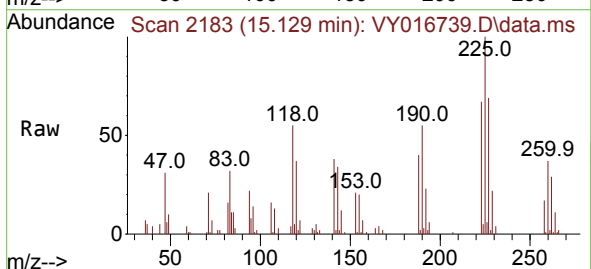
Tgt Ion:225 Resp: 15269

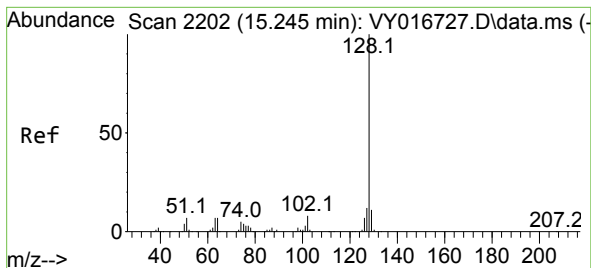
Ion Ratio Lower Upper

225 100

223 63.6 31.4 94.3

227 64.3 32.3 96.8





#95

Naphthalene

Concen: 21.092 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016739.D

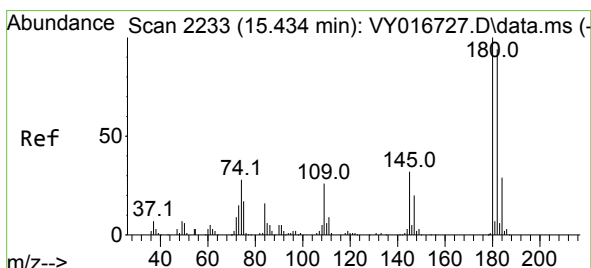
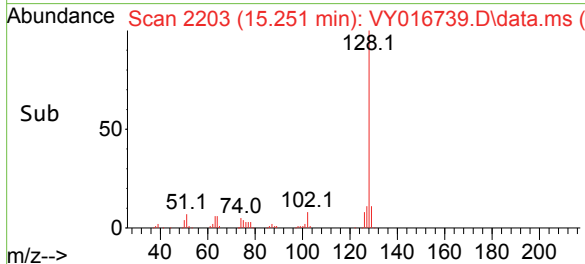
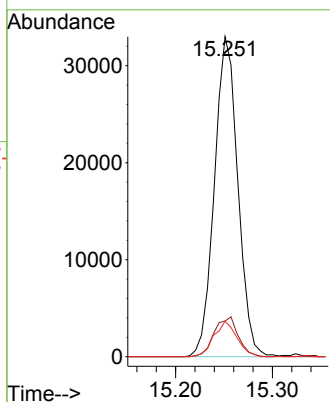
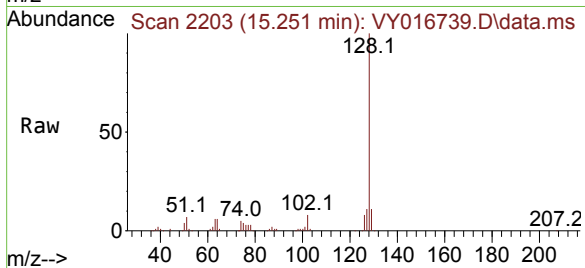
Acq: 21 Dec 2023 04:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	55410
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.2 15.4
129	10.9	8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 21.517 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016739.D

Acq: 21 Dec 2023 04:32

Tgt Ion:180	Resp:	25019
Ion Ratio	Lower	Upper
180	100	
182	92.3	46.3 138.8
145	31.0	16.1 48.2

