

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016016.D
 Acq On : 18 Oct 2023 12:17
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 02:55:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 02:50:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	208702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	337745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	309631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159559	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48010	20.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	40.480%#
35) Dibromofluoromethane	7.716	113	44989	20.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.480%#
50) Toluene-d8	10.179	98	163898	20.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.600%#
62) 4-Bromofluorobenzene	12.483	95	58760	20.397	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	40.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	33708	19.542	ug/l	99
3) Chloromethane	2.113	50	44652	20.502	ug/l	98
4) Vinyl Chloride	2.247	62	50191	20.533	ug/l	96
5) Bromomethane	2.631	94	36571	20.510	ug/l	95
6) Chloroethane	2.784	64	33444	21.278	ug/l	94
7) Trichlorofluoromethane	3.119	101	75193	20.214	ug/l	97
8) Diethyl Ether	3.528	74	26516	20.176	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	42757	19.982	ug/l	98
10) Methyl Iodide	4.088	142	56946	20.381	ug/l	97
11) Tert butyl alcohol	4.960	59	35653	97.369	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	40250	20.103	ug/l	89
13) Acrolein	3.729	56	28465	104.474	ug/l	100
14) Allyl chloride	4.479	41	63124	20.163	ug/l	96
15) Acrylonitrile	5.161	53	70838	90.350	ug/l	98
16) Acetone	3.948	43	76984	87.553	ug/l	93
17) Carbon Disulfide	4.192	76	117708	20.068	ug/l	99
18) Methyl Acetate	4.479	43	53524	17.686	ug/l	91
19) Methyl tert-butyl Ether	5.222	73	127012	19.664	ug/l	100
20) Methylene Chloride	4.710	84	52696	20.173	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	46742	20.048	ug/l	93
22) Diisopropyl ether	6.119	45	138296	20.287	ug/l	95
23) Vinyl Acetate	6.064	43	409922	96.938	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	82877	20.493	ug/l	96
25) 2-Butanone	6.990	43	106244	88.214	ug/l	95
26) 2,2-Dichloropropane	6.984	77	73317	20.149	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	54864	20.432	ug/l	92
28) Bromochloromethane	7.332	49	35227	20.367	ug/l	89
29) Tetrahydrofuran	7.350	42	64049	87.857	ug/l	91
30) Chloroform	7.509	83	88622	20.437	ug/l	99
31) Cyclohexane	7.789	56	73804	19.879	ug/l #	85
32) 1,1,1-Trichloroethane	7.704	97	78692	20.282	ug/l	98
36) 1,1-Dichloropropene	7.923	75	66318	19.828	ug/l	99
37) Ethyl Acetate	7.070	43	42738	17.727	ug/l #	94
38) Carbon Tetrachloride	7.899	117	70570	19.852	ug/l	97
39) Methylcyclohexane	9.185	83	83750	20.037	ug/l	92
40) Benzene	8.161	78	191216	20.285	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016016.D
 Acq On : 18 Oct 2023 12:17
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 19 02:55:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 02:50:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	19810	16.320	ug/l	95
42) 1,2-Dichloroethane	8.234	62	60360	19.878	ug/l	95
43) Isopropyl Acetate	8.277	43	76466	18.141	ug/l	94
44) Trichloroethene	8.941	130	53096	20.089	ug/l	97
45) 1,2-Dichloropropane	9.216	63	47958	20.329	ug/l	94
46) Dibromomethane	9.307	93	30324	19.362	ug/l	97
47) Bromodichloromethane	9.496	83	69223	20.166	ug/l	99
48) Methyl methacrylate	9.295	41	34094	17.770	ug/l	88
49) 1,4-Dioxane	9.301	88	8364	335.384	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	217461	89.715	ug/l	92
52) Toluene	10.246	92	124120	20.300	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	72661	19.540	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	80338	19.820	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	42732	19.860	ug/l	95
56) Ethyl methacrylate	10.514	69	59179	18.820	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	71412	19.564	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	145180	96.122	ug/l	94
59) 2-Hexanone	10.831	43	162251	87.980	ug/l	89
60) Dibromochloromethane	10.984	129	51564	19.816	ug/l	99
61) 1,2-Dibromoethane	11.093	107	42095	19.224	ug/l	98
64) Tetrachloroethene	10.721	164	47457	19.766	ug/l	96
65) Chlorobenzene	11.514	112	134488	20.056	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	50488	19.976	ug/l	99
67) Ethyl Benzene	11.593	91	239531	20.187	ug/l	99
68) m/p-Xylenes	11.703	106	188641	40.769	ug/l	94
69) o-Xylene	12.026	106	89136	20.250	ug/l	96
70) Styrene	12.044	104	152655	20.348	ug/l	96
71) Bromoform	12.209	173	33991	19.113	ug/l #	99
73) Isopropylbenzene	12.331	105	237764	19.921	ug/l	100
74) N-amyl acetate	12.142	43	69538	18.446	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	55994	18.731	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	70129	31.159	ug/l #	100
77) Bromobenzene	12.611	156	57135	19.722	ug/l	100
78) n-propylbenzene	12.672	91	293107	20.388	ug/l	100
79) 2-Chlorotoluene	12.758	91	163304	20.238	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	201509	20.383	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18336	17.717	ug/l	94
82) 4-Chlorotoluene	12.855	91	171772	20.397	ug/l	98
83) tert-Butylbenzene	13.075	119	175965	20.299	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	200082	20.381	ug/l	97
85) sec-Butylbenzene	13.251	105	265727	20.524	ug/l	100
86) p-Isopropyltoluene	13.367	119	221352	20.458	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	114179	20.257	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	115715	20.390	ug/l	99
89) n-Butylbenzene	13.696	91	206568	20.508	ug/l	97
90) Hexachloroethane	13.959	117	41717	20.226	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	104347	20.163	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10435	18.338	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	64756	19.642	ug/l	97
94) Hexachlorobutadiene	15.111	225	36925	20.620	ug/l	98
95) Naphthalene	15.233	128	145427	17.972	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	58211	19.330	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
Data File : VY016016.D
Acq On : 18 Oct 2023 12:17
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 19 02:55:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 02:50:45 2023
Response via : Initial Calibration

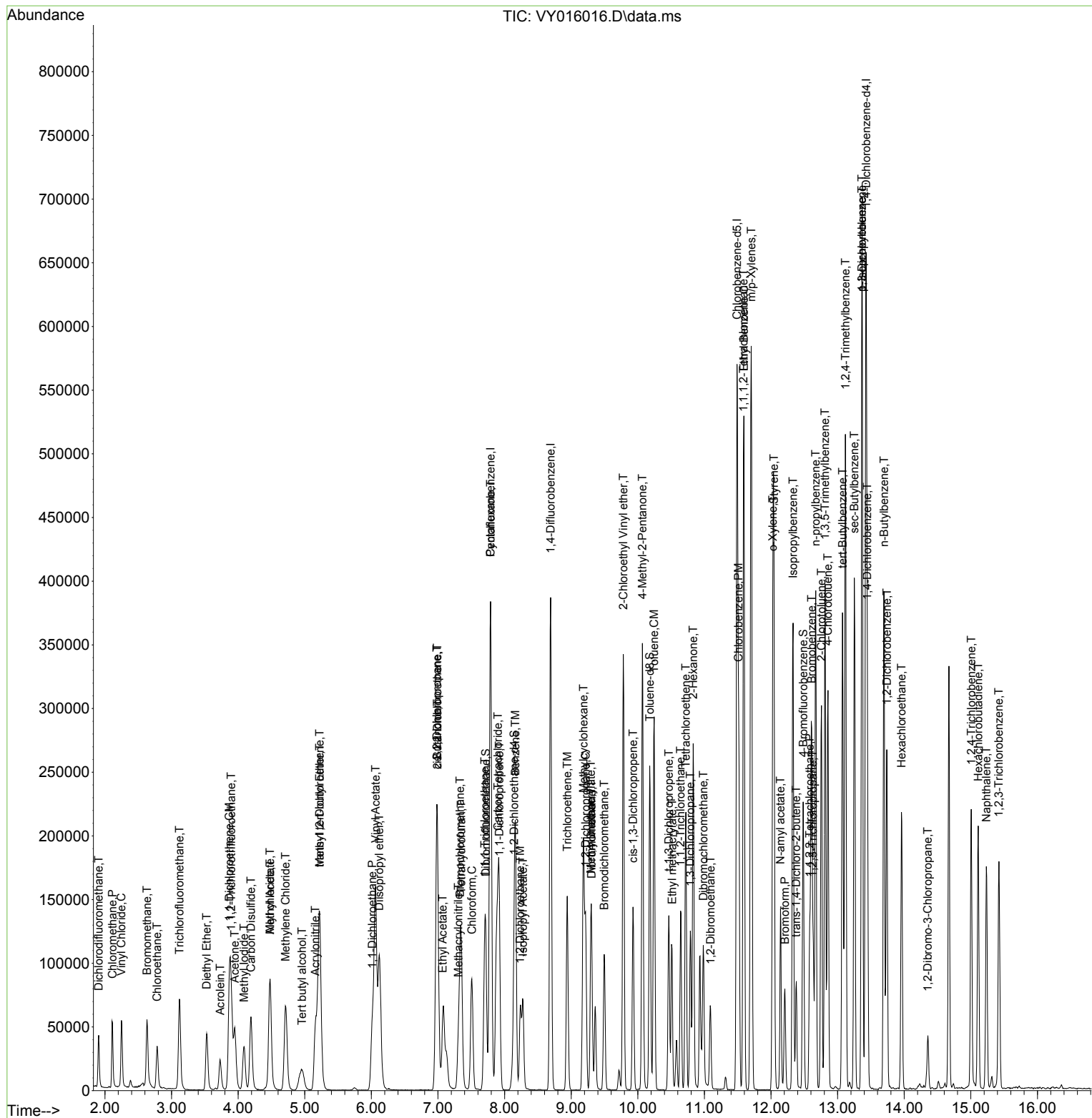
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

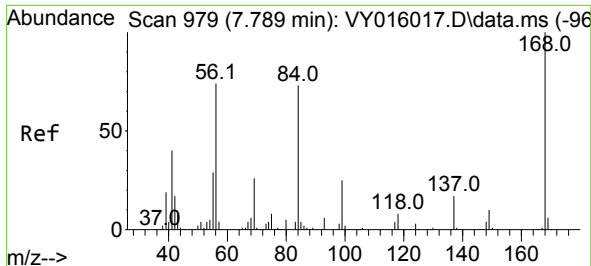
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101823\
 Data File : VY016016.D
 Acq On : 18 Oct 2023 12:17
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

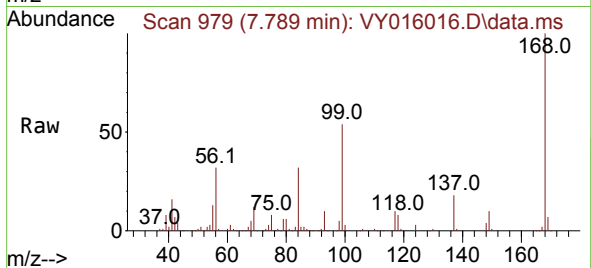
Quant Time: Oct 19 02:55:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 02:50:45 2023
 Response via : Initial Calibration



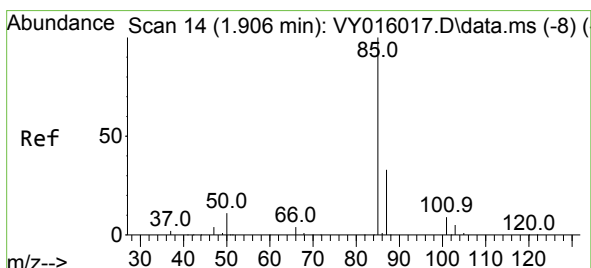
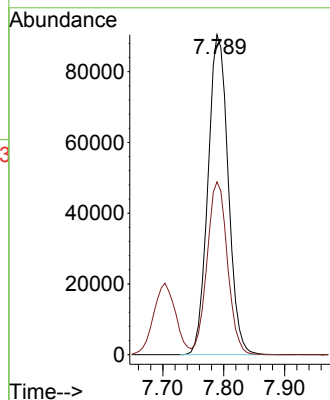
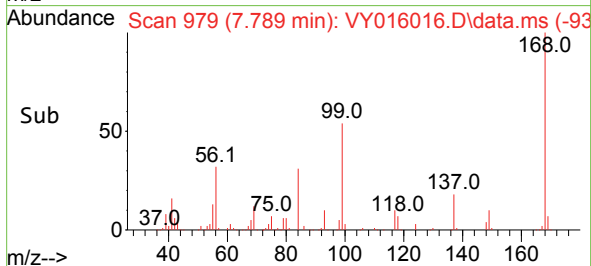


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Instrument :
MSVOA_Y
ClientSampleId :

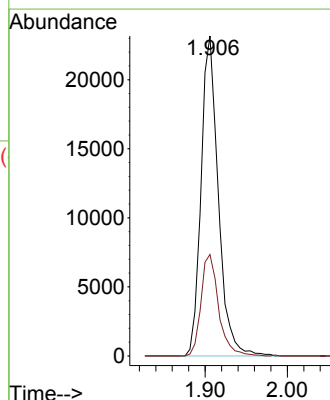
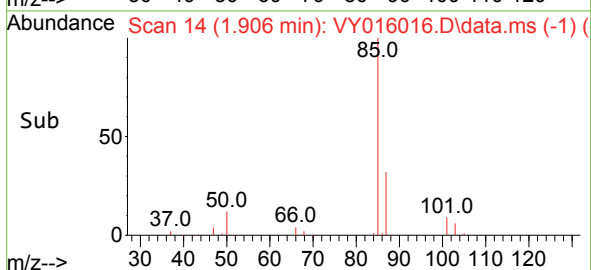
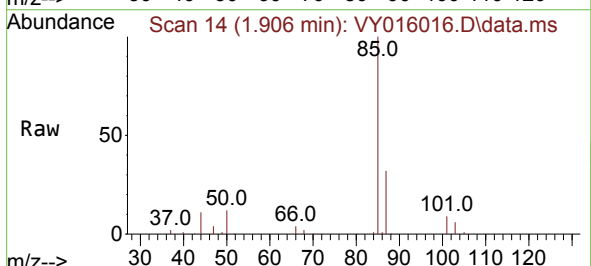


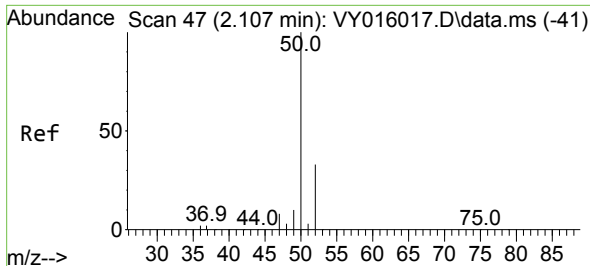
Tgt Ion:168 Resp: 208702
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.542 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 85 Resp: 33708
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8

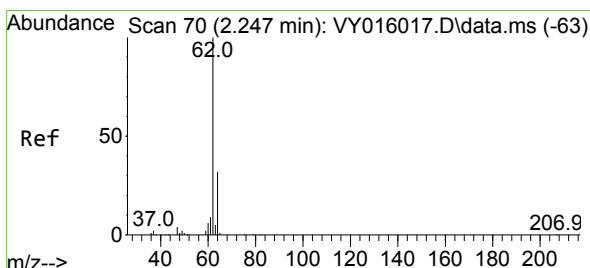
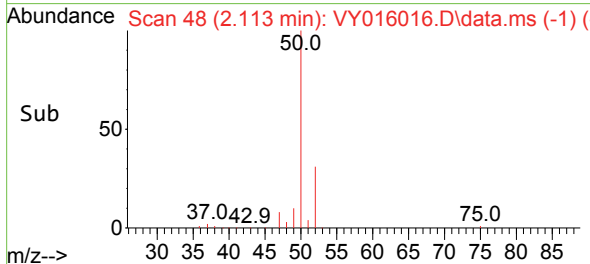
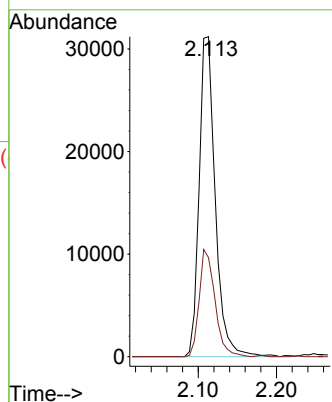
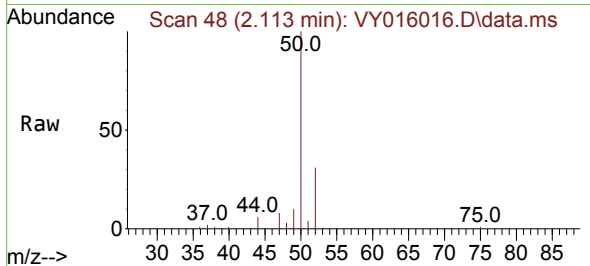




#3
Chloromethane
Concen: 20.502 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

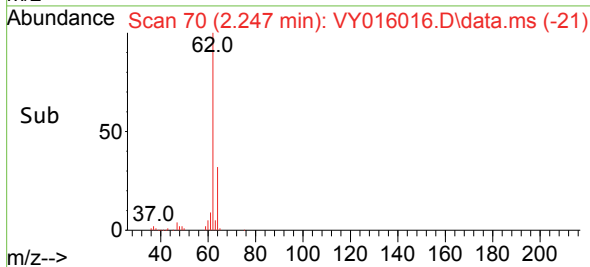
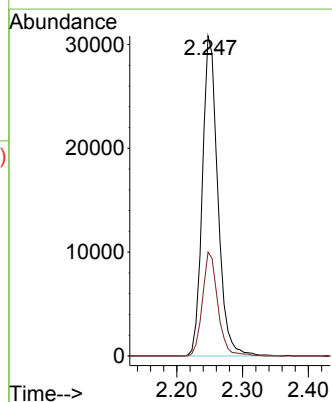
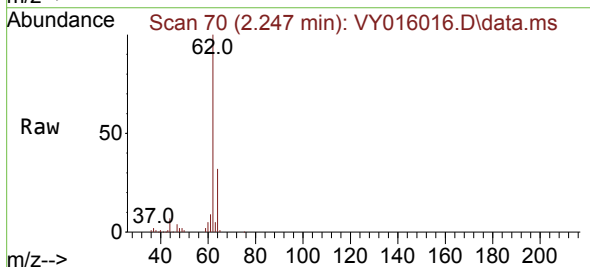
Instrument :
MSVOA_Y
ClientSampleId :

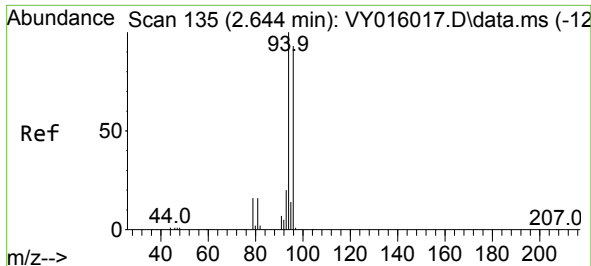
Tgt Ion: 50 Resp: 44652
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.2



#4
Vinyl Chloride
Concen: 20.533 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

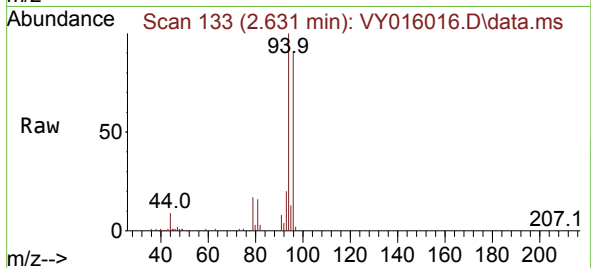
Tgt Ion: 62 Resp: 50191
Ion Ratio Lower Upper
62 100
64 32.4 24.3 36.5



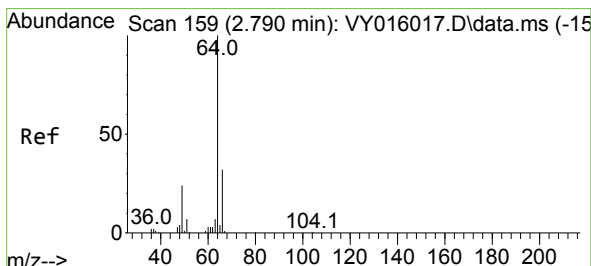
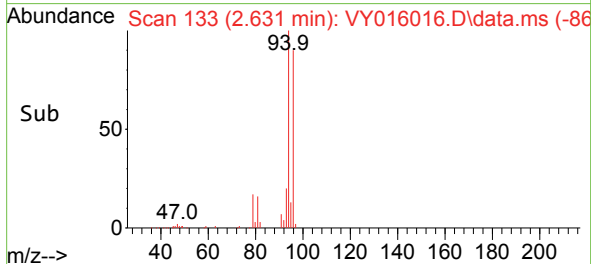
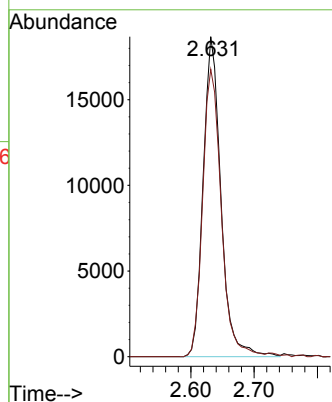


#5
Bromomethane
Concen: 20.510 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Instrument :
MSVOA_Y
ClientSampleId :

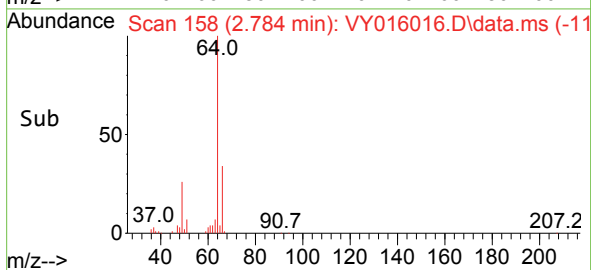
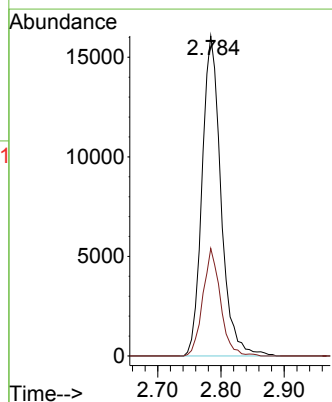
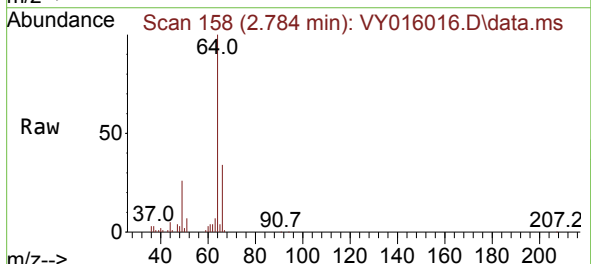


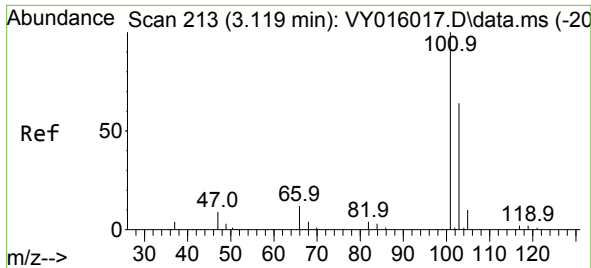
Tgt Ion: 94 Resp: 36571
Ion Ratio Lower Upper
94 100
96 89.8 75.8 113.6



#6
Chloroethane
Concen: 21.278 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 64 Resp: 33444
Ion Ratio Lower Upper
64 100
66 33.6 24.4 36.6

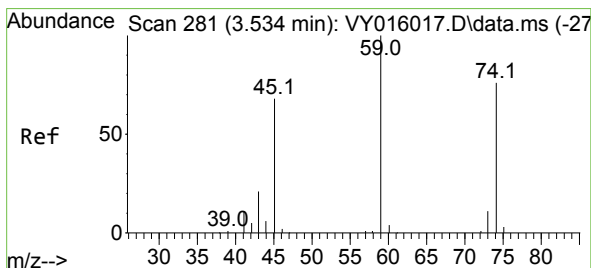
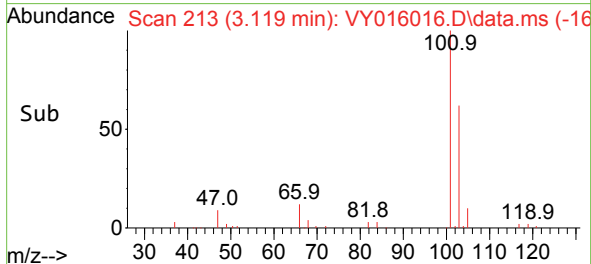
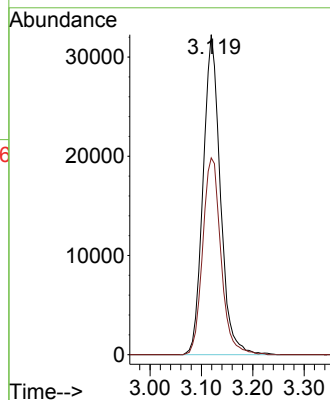
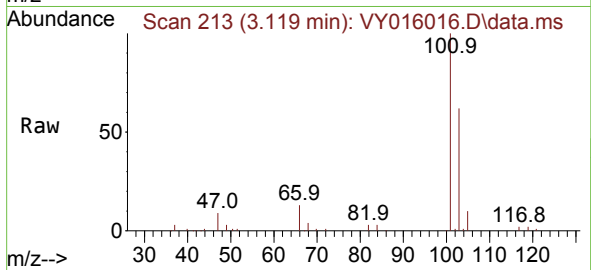




#7
 Trichlorofluoromethane
 Concen: 20.214 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY016016.D
 Acq: 18 Oct 2023 12:17

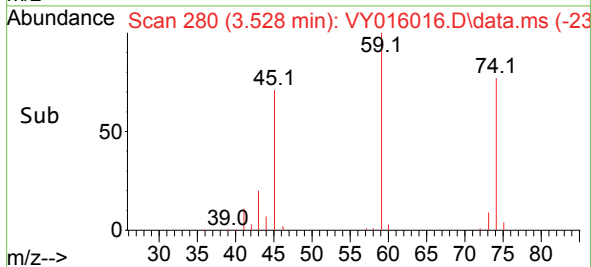
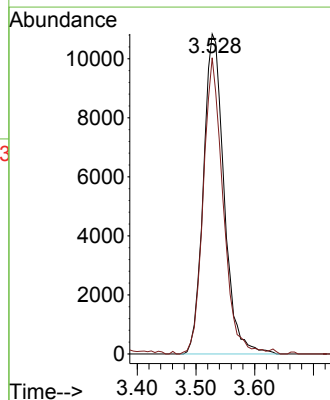
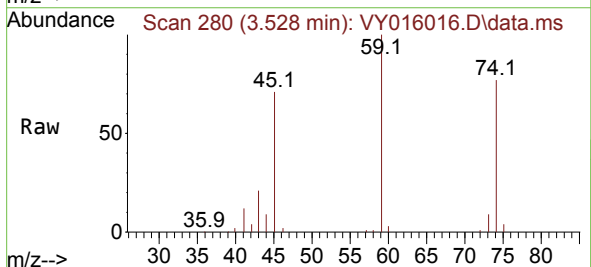
Instrument :
 MSVOA_Y
 ClientSampleId :

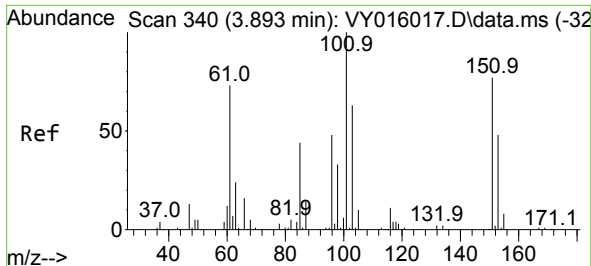
Tgt Ion:101 Resp: 75193
 Ion Ratio Lower Upper
 101 100
 103 61.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.176 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY016016.D
 Acq: 18 Oct 2023 12:17

Tgt Ion: 74 Resp: 26516
 Ion Ratio Lower Upper
 74 100
 45 88.7 51.5 154.5

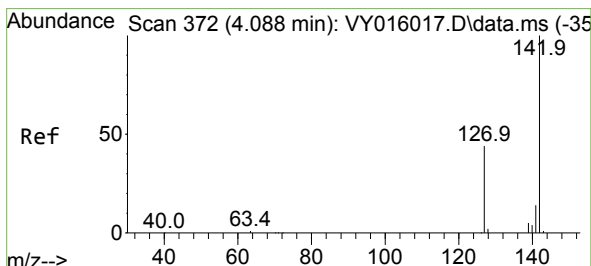
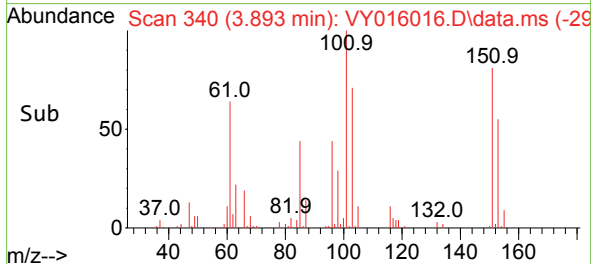
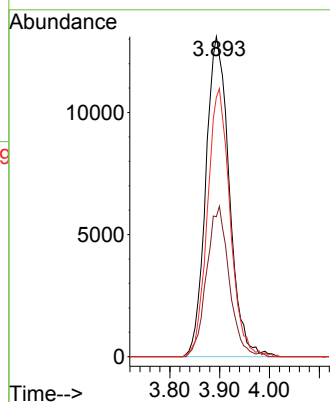
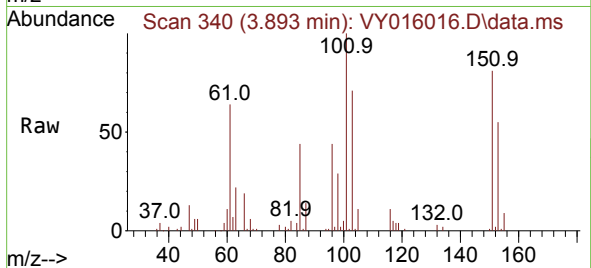




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.982 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

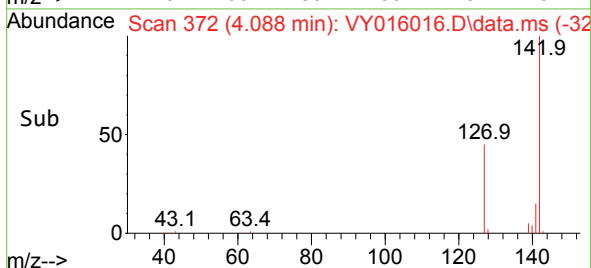
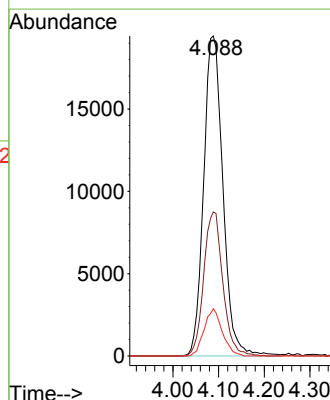
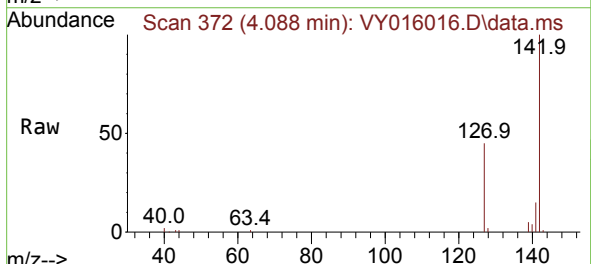
Instrument :
MSVOA_Y
ClientSampleId :

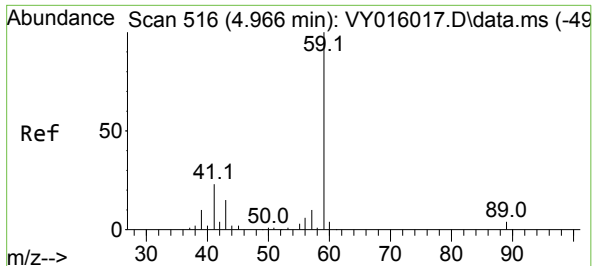
Tgt Ion:101 Resp: 42757
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 80.9 67.0 100.6



#10
Methyl Iodide
Concen: 20.381 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion:142 Resp: 56946
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 13.9 11.8 17.8





#11

Tert butyl alcohol

Concen: 97.369 ug/l

RT: 4.960 min Scan# 516

Delta R.T. -0.006 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

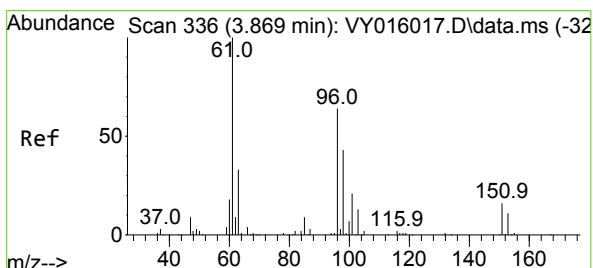
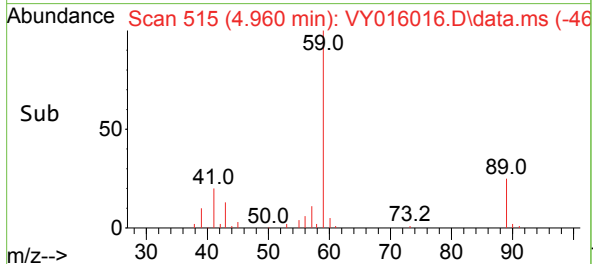
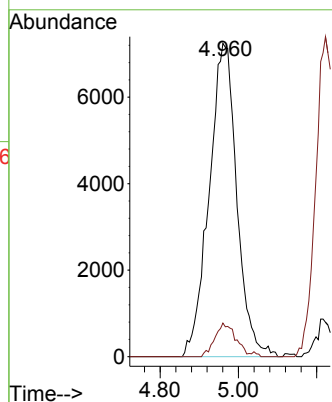
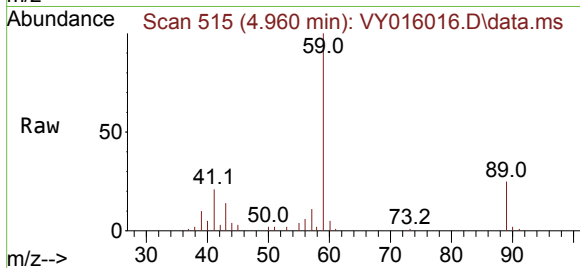
ClientSampleId :

Tgt Ion: 59 Resp: 35653

Ion Ratio Lower Upper

59 100

57 8.1 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 20.103 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

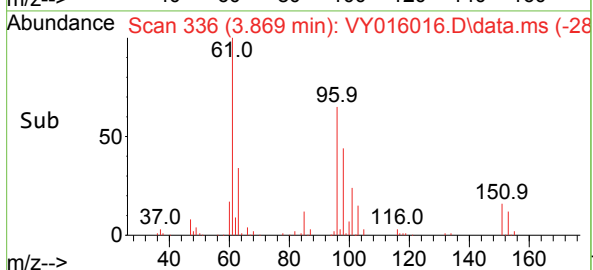
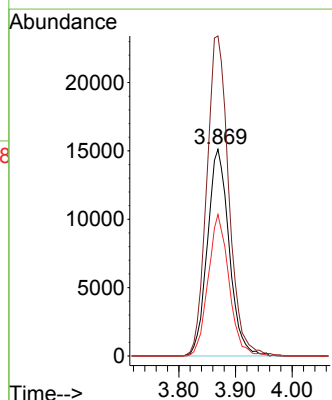
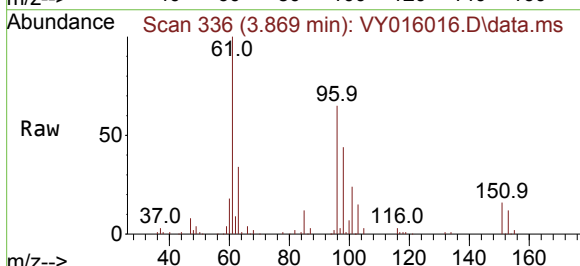
Tgt Ion: 96 Resp: 40250

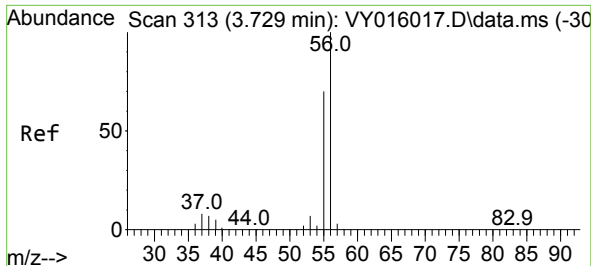
Ion Ratio Lower Upper

96 100

61 154.8 136.4 204.6

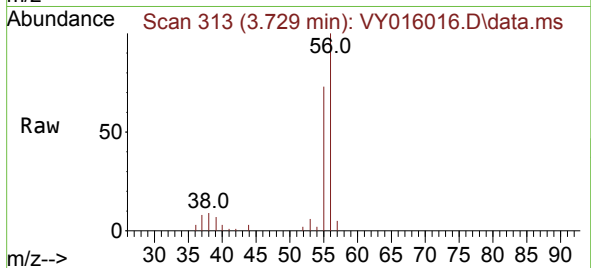
98 68.4 49.4 74.2



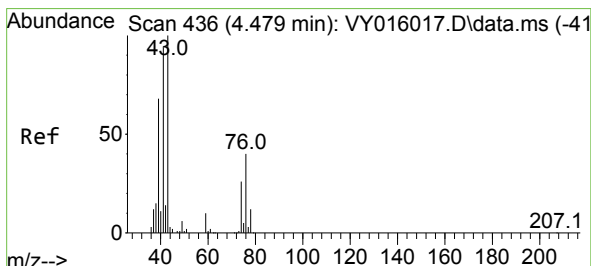
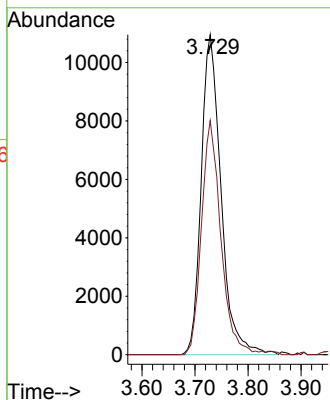
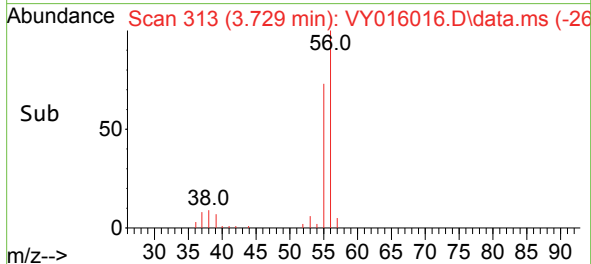


#13
Acrolein
Concen: 104.474 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

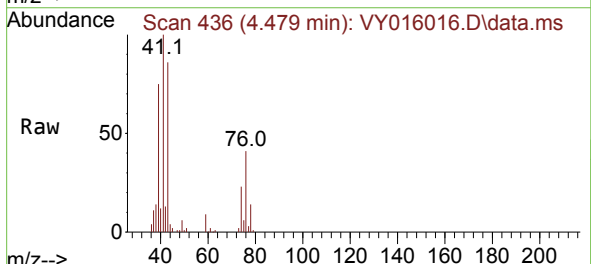
Instrument :
MSVOA_Y
ClientSampleId :



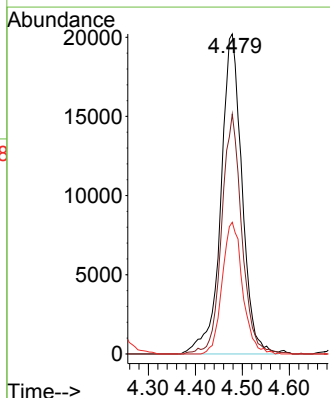
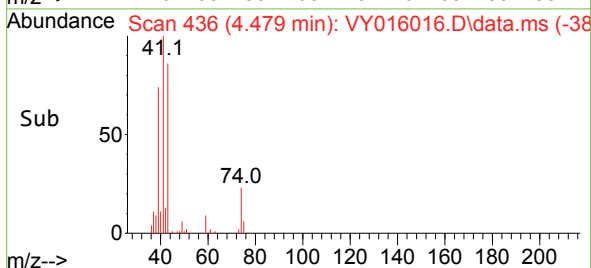
Tgt Ion: 56 Resp: 28465
Ion Ratio Lower Upper
56 100
55 71.6 57.0 85.4

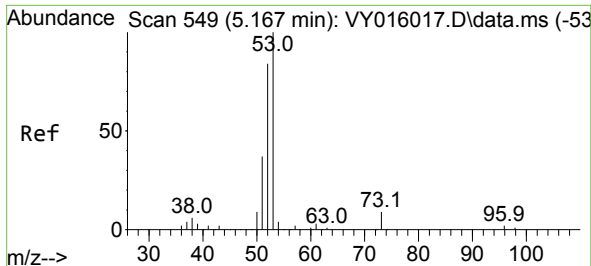


#14
Allyl chloride
Concen: 20.163 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17



Tgt Ion: 41 Resp: 63124
Ion Ratio Lower Upper
41 100
39 71.5 58.0 87.0
76 39.7 27.4 41.2

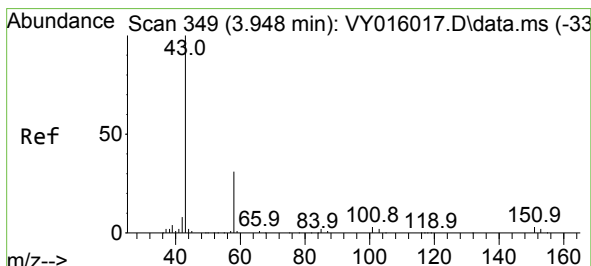
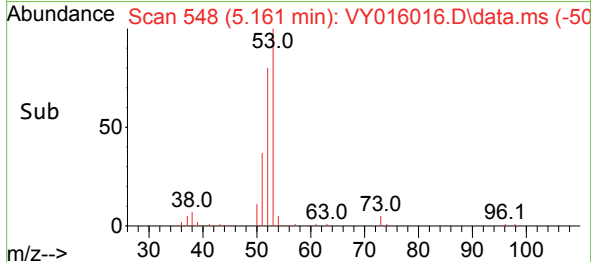
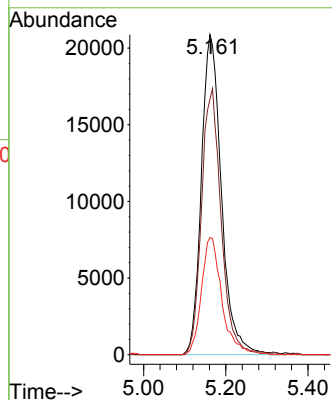
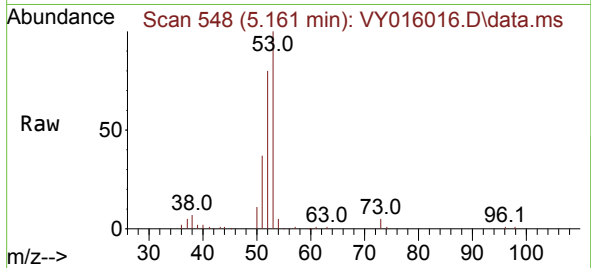




#15
Acrylonitrile
Concen: 90.350 ug/l
RT: 5.161 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

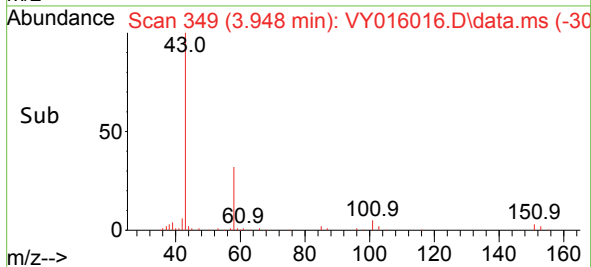
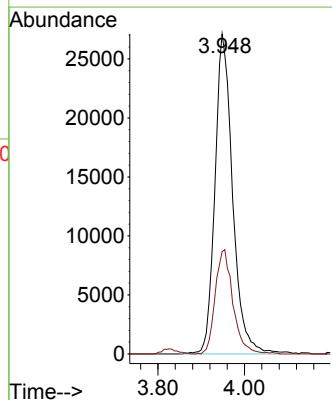
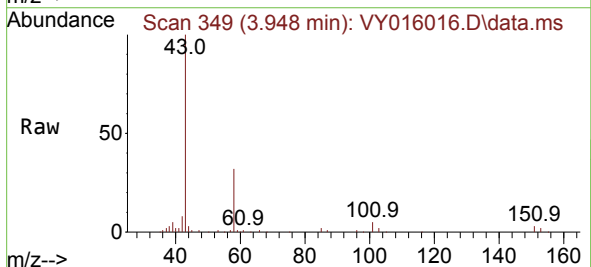
Instrument :
MSVOA_Y
ClientSampleId :

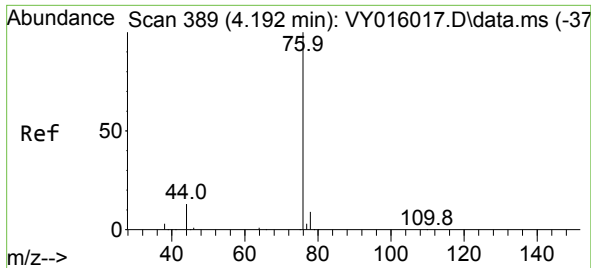
Tgt Ion: 53 Resp: 70838
Ion Ratio Lower Upper
53 100
52 81.0 66.9 100.3
51 37.4 29.8 44.6



#16
Acetone
Concen: 87.553 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 43 Resp: 76984
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1

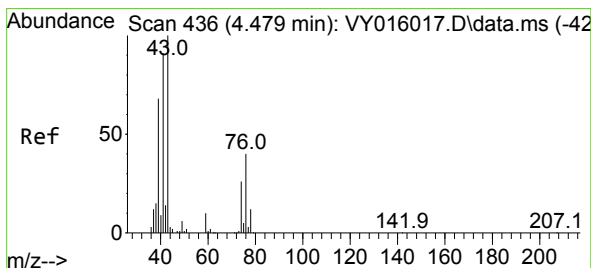
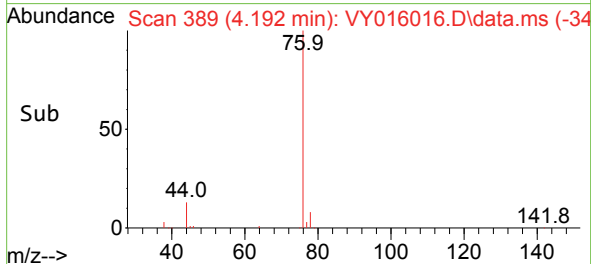
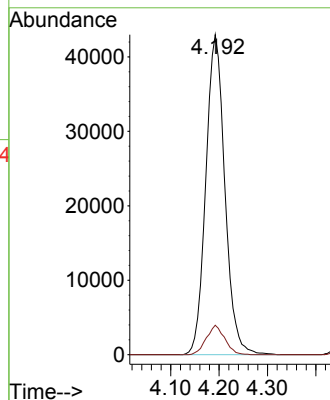
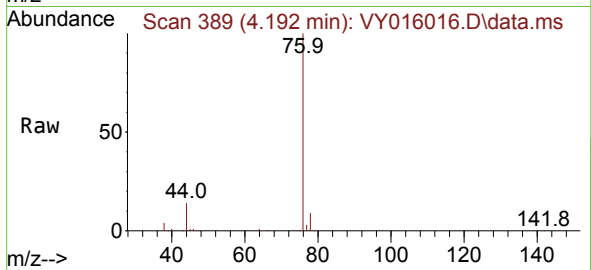




#17
Carbon Disulfide
Concen: 20.068 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

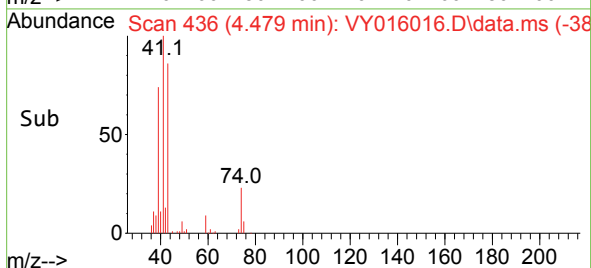
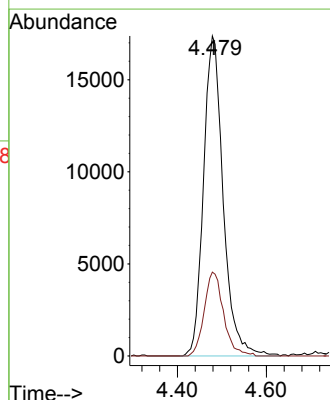
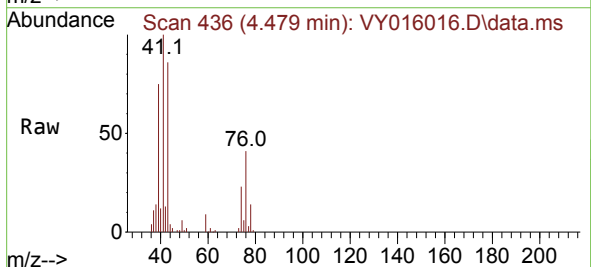
Instrument :
MSVOA_Y
ClientSampleId :

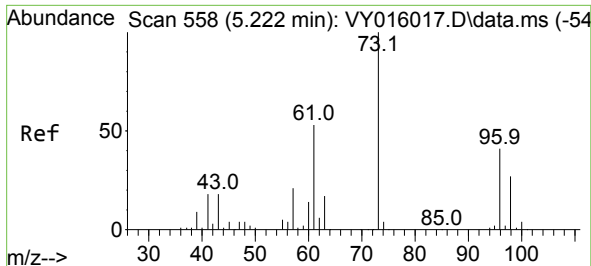
Tgt Ion: 76 Resp: 117708
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 17.686 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 43 Resp: 53524
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0

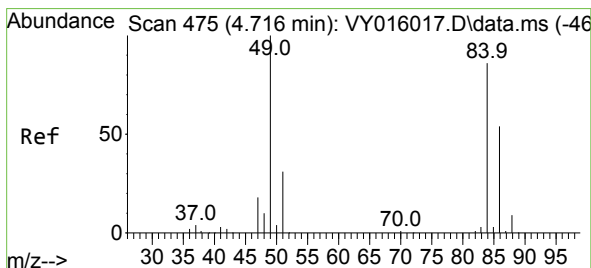
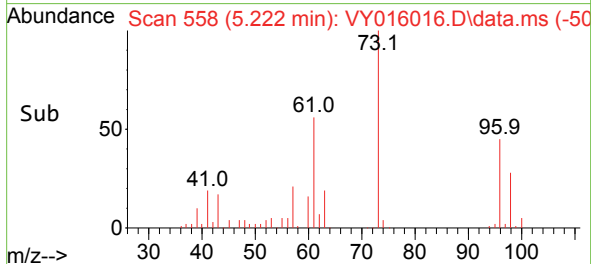
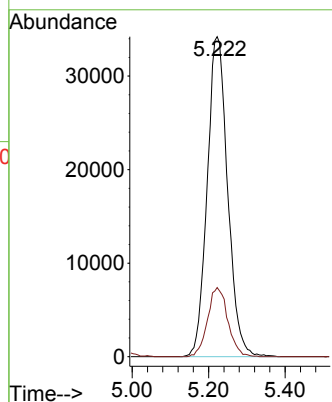
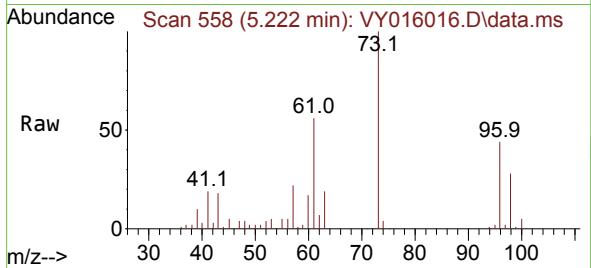




#19
Methyl tert-butyl Ether
Concen: 19.664 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

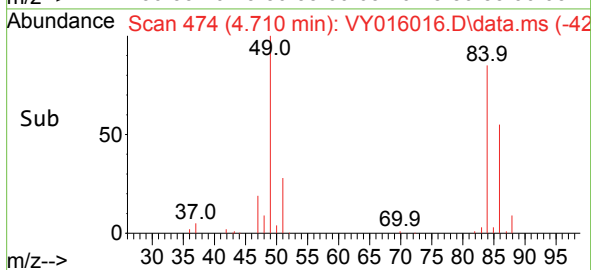
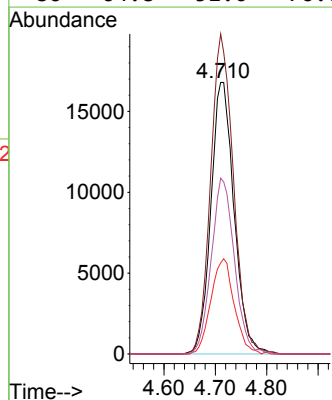
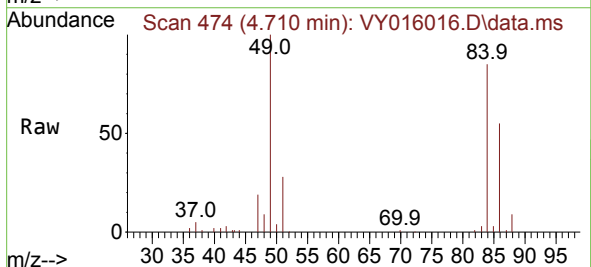
Instrument :
MSVOA_Y
ClientSampleId :

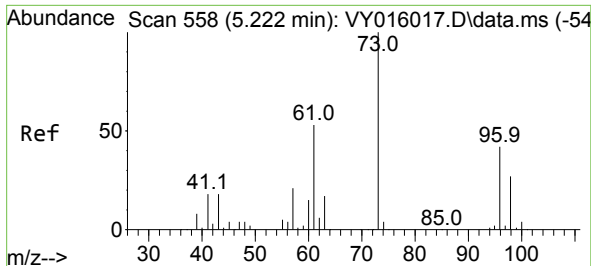
Tgt Ion: 73 Resp: 127012
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 20.173 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 84 Resp: 52696
Ion Ratio Lower Upper
84 100
49 117.9 106.9 160.3
51 33.5 33.2 49.8
86 64.8 51.0 76.6

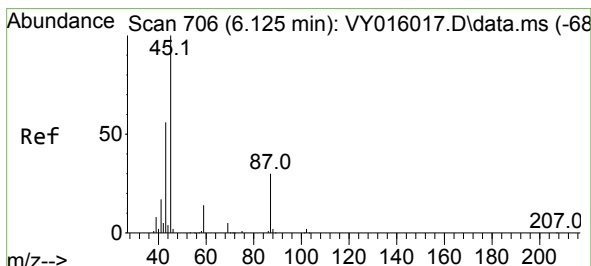
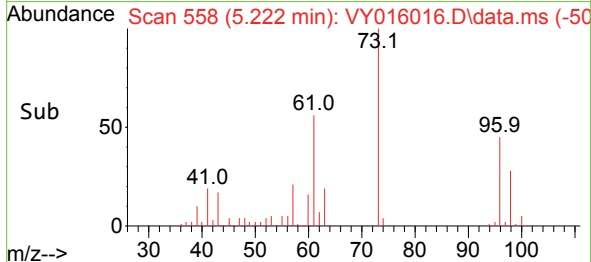
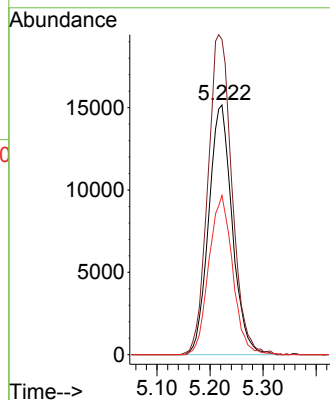
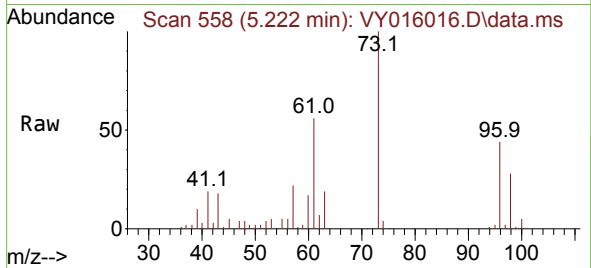




#21
trans-1,2-Dichloroethene
Concen: 20.048 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

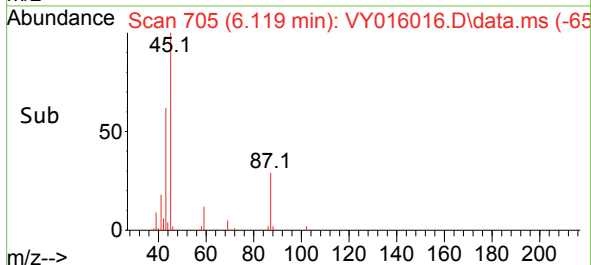
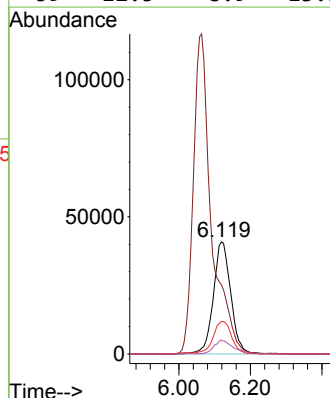
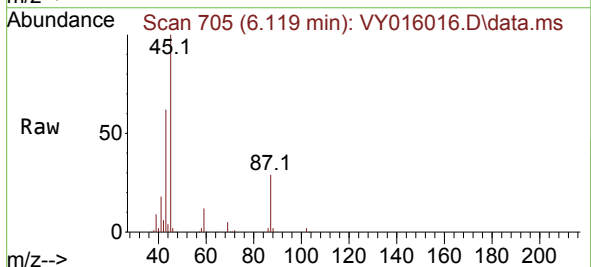
Instrument :
MSVOA_Y
ClientSampleId :

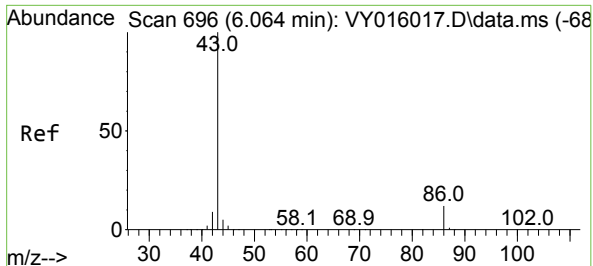
Tgt Ion: 96 Resp: 46742
Ion Ratio Lower Upper
96 100
61 126.2 110.2 165.4
98 63.7 51.8 77.6



#22
Diisopropyl ether
Concen: 20.287 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 45 Resp: 138296
Ion Ratio Lower Upper
45 100
43 61.4 52.2 78.4
87 29.0 21.0 31.6
59 12.5 8.9 13.3

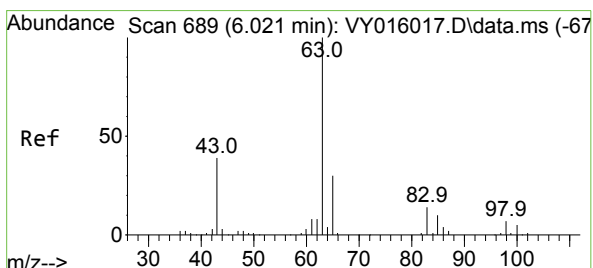
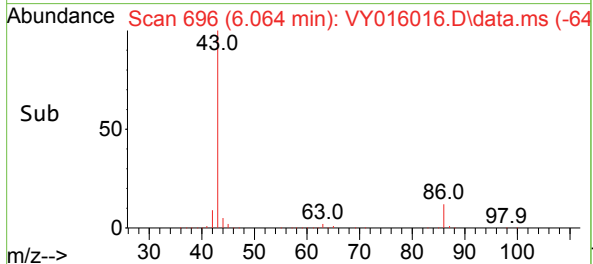
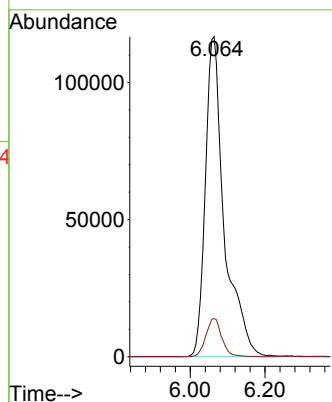
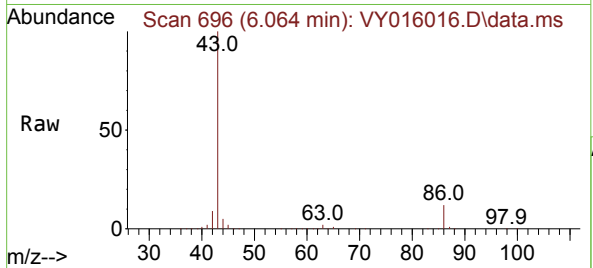




#23
 Vinyl Acetate
 Concen: 96.938 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY016016.D
 Acq: 18 Oct 2023 12:17

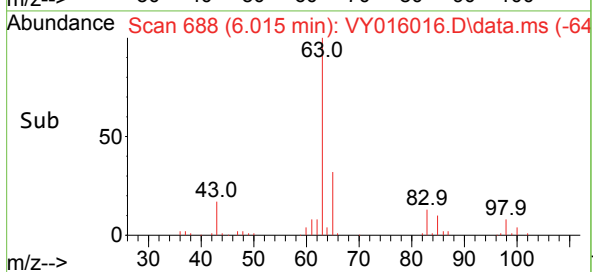
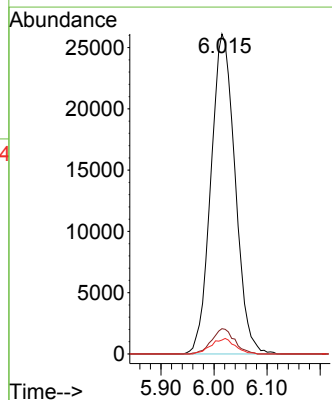
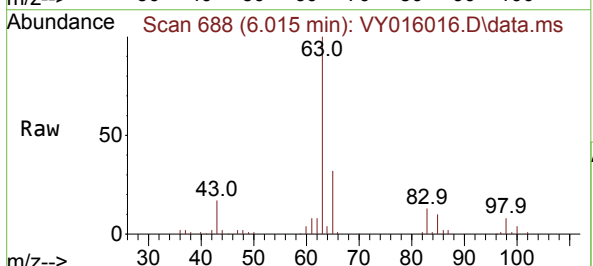
Instrument :
 MSVOA_Y
 ClientSampleId :

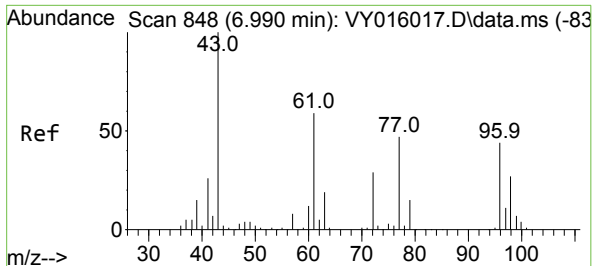
Tgt Ion: 43 Resp: 409922
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.493 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016016.D
 Acq: 18 Oct 2023 12:17

Tgt Ion: 63 Resp: 82877
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 88.214 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

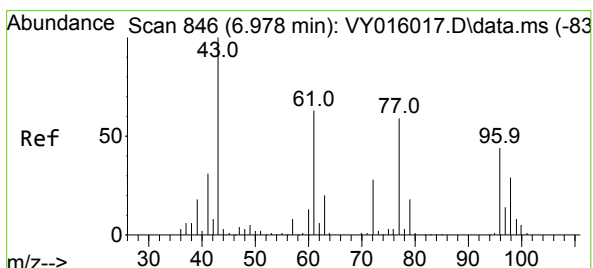
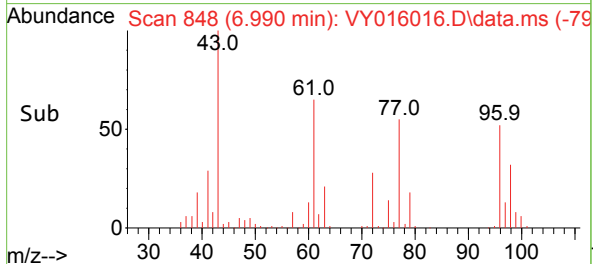
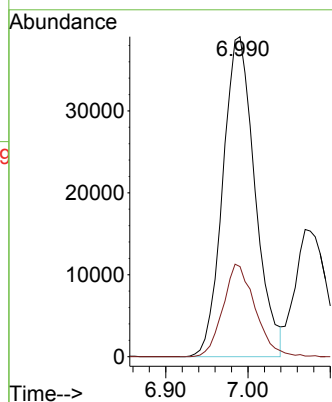
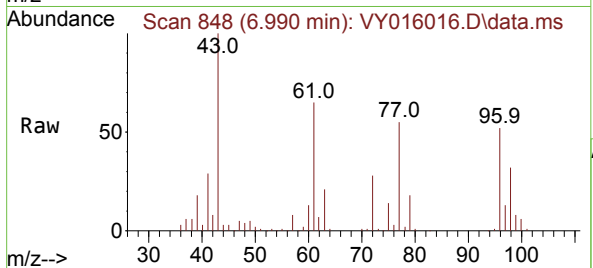
ClientSampleId :

Tgt Ion: 43 Resp: 106244

Ion Ratio Lower Upper

43 100

72 28.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.149 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY016016.D

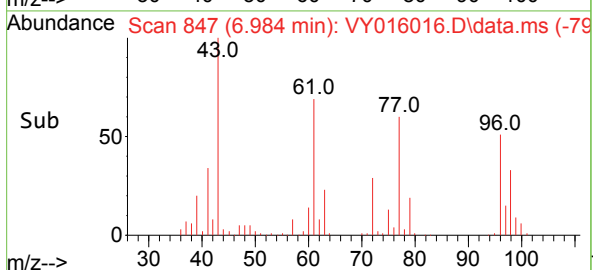
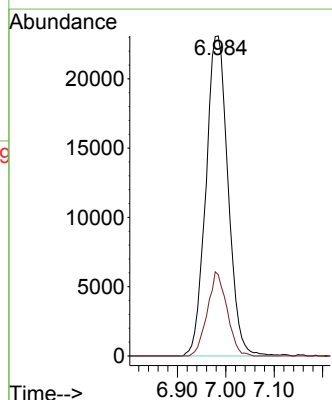
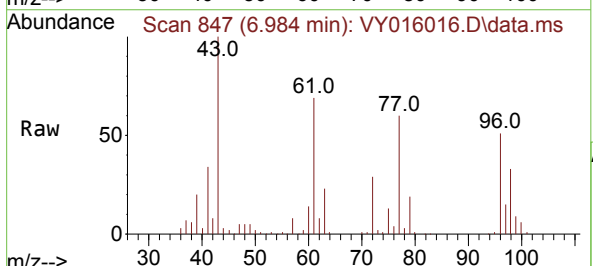
Acq: 18 Oct 2023 12:17

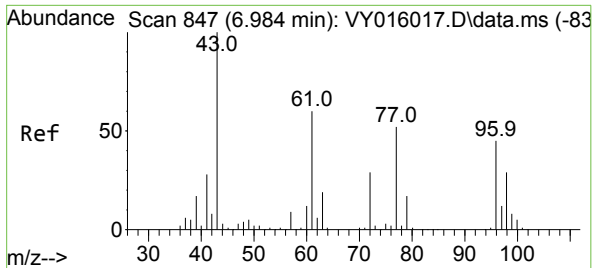
Tgt Ion: 77 Resp: 73317

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9

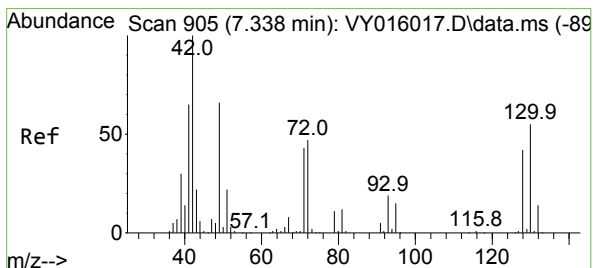
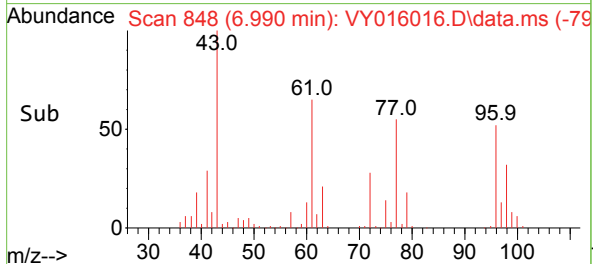
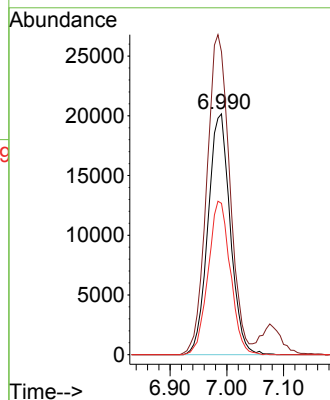
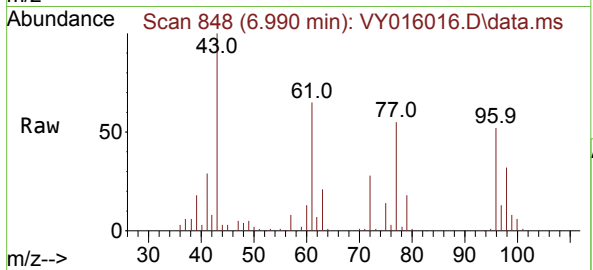




#27
 cis-1,2-Dichloroethene
 Concen: 20.432 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY016016.D
 Acq: 18 Oct 2023 12:17

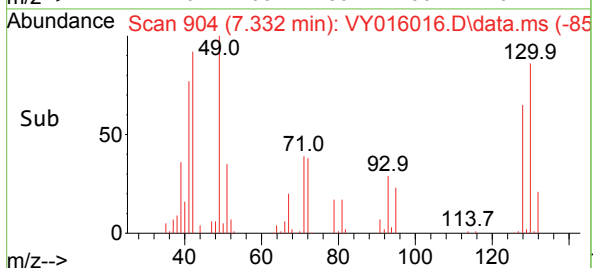
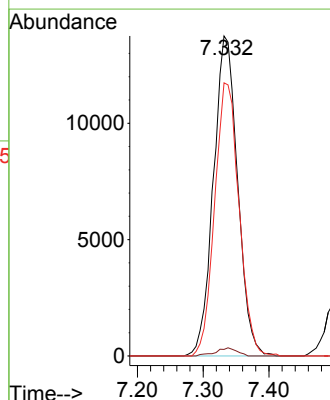
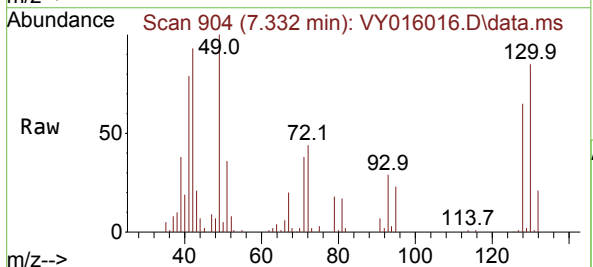
Instrument :
 MSVOA_Y
 ClientSampleId :

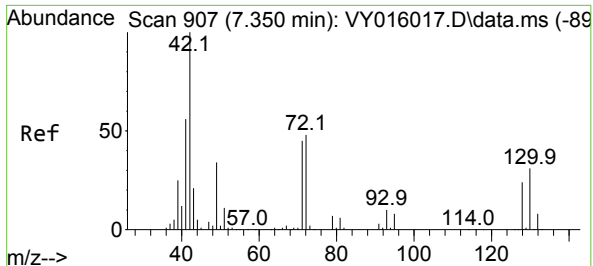
Tgt Ion:	96	Resp:	54864
Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	301.4
98	63.8	0.0	130.4



#28
 Bromochloromethane
 Concen: 20.367 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY016016.D
 Acq: 18 Oct 2023 12:17

Tgt Ion:	49	Resp:	35227
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	85.9	60.7	91.1





#29

Tetrahydrofuran

Concen: 87.857 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016016.D

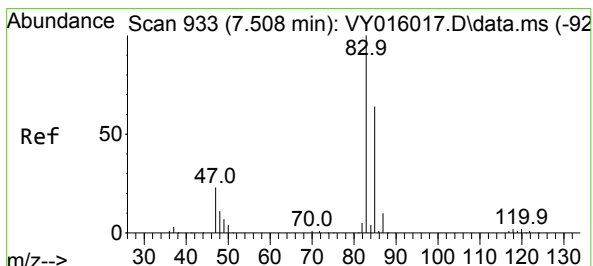
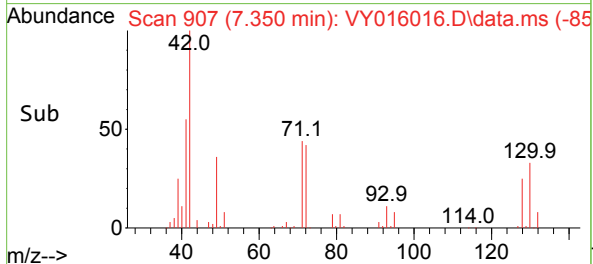
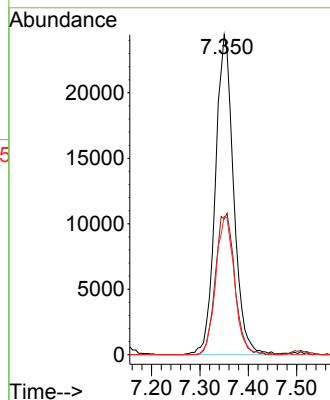
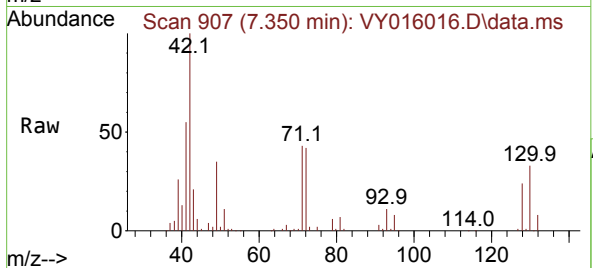
Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	64049
Ion	Ratio	Lower	Upper
42	100		
72	46.8	32.8	49.2
71	44.2	31.0	46.4



#30

Chloroform

Concen: 20.437 ug/l

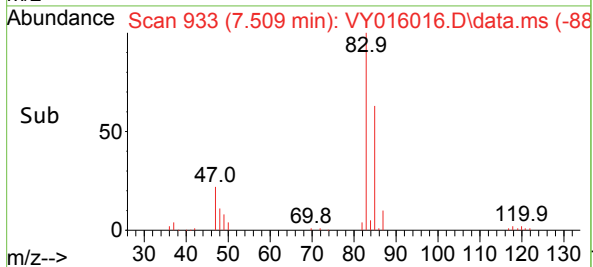
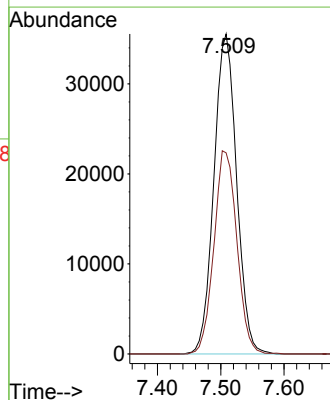
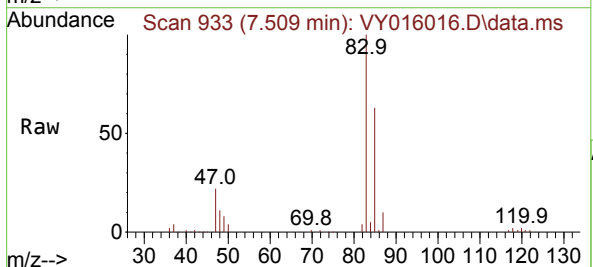
RT: 7.509 min Scan# 933

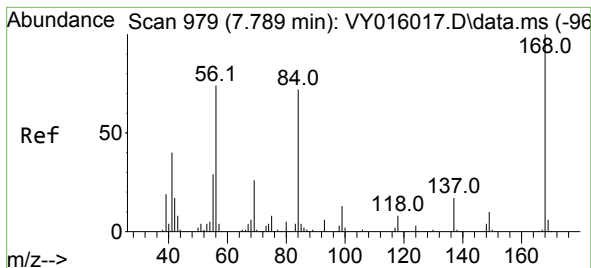
Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Tgt Ion:	83	Resp:	88622
Ion	Ratio	Lower	Upper
83	100		
85	62.9	49.7	74.5





#31

Cyclohexane

Concen: 19.879 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

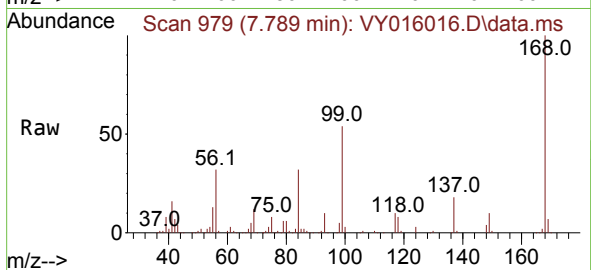
Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

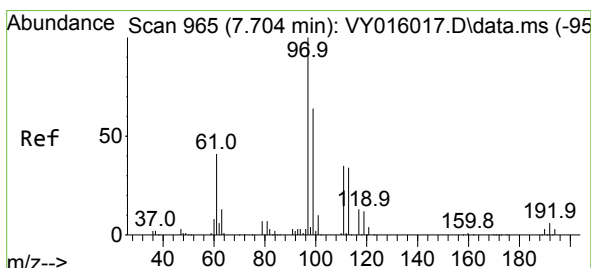
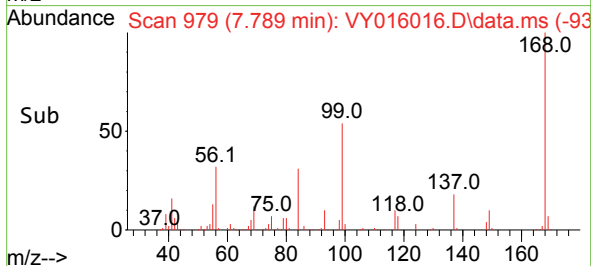
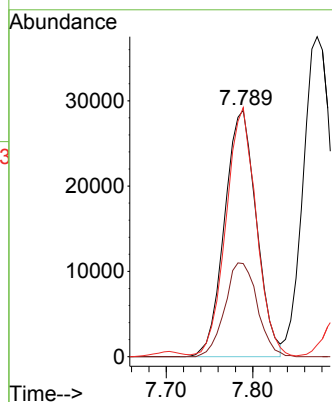
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	56	Resp:	73804
Ion Ratio	Lower	Upper	
56	100		
69	37.8	27.8	41.6
84	99.8	66.4	99.6



#32

1,1,1-Trichloroethane

Concen: 20.282 ug/l

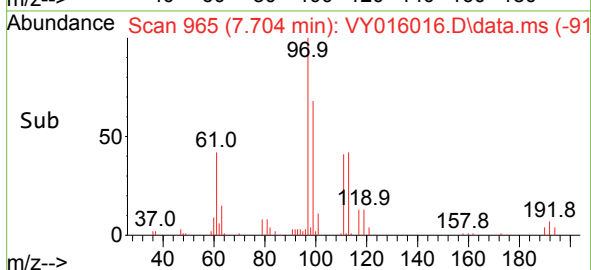
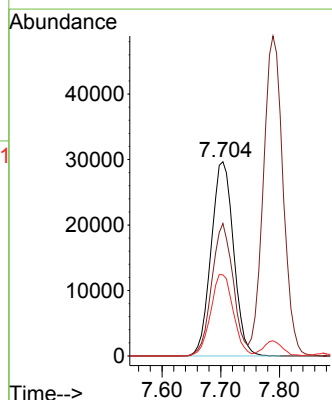
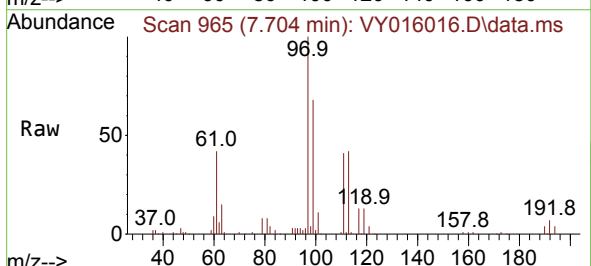
RT: 7.704 min Scan# 965

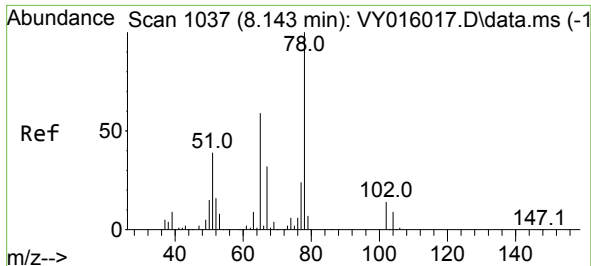
Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Tgt Ion:	97	Resp:	78692
Ion Ratio	Lower	Upper	
97	100		
99	65.1	50.8	76.2
61	42.0	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 20.240 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

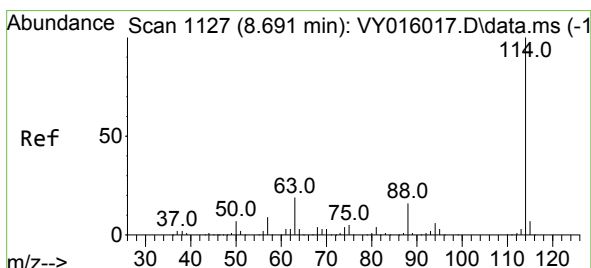
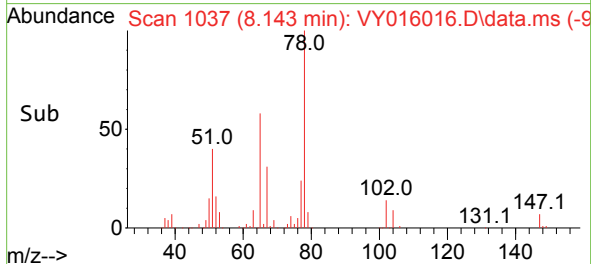
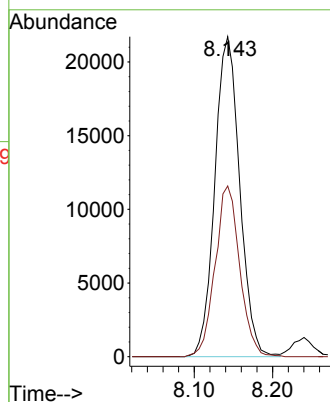
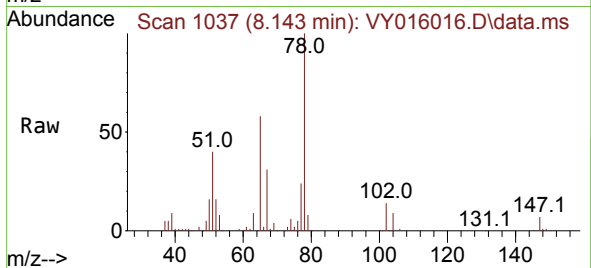
ClientSampleId :

Tgt Ion: 65 Resp: 48010

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

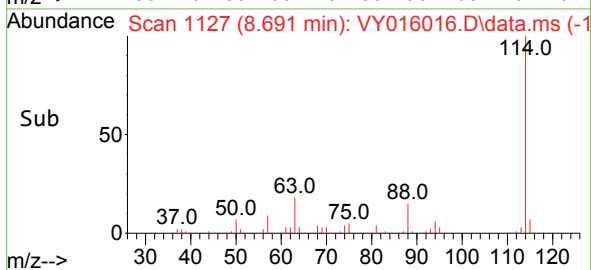
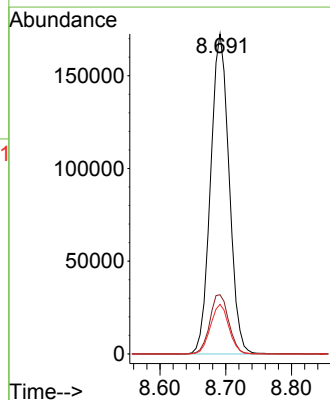
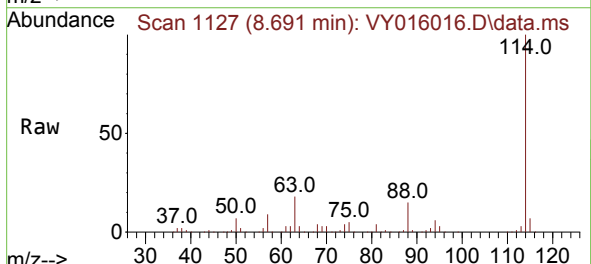
Tgt Ion: 114 Resp: 337745

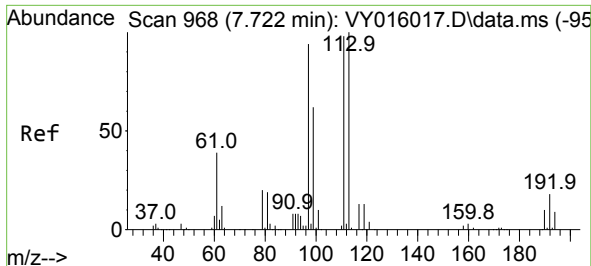
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 15.5 0.0 30.6

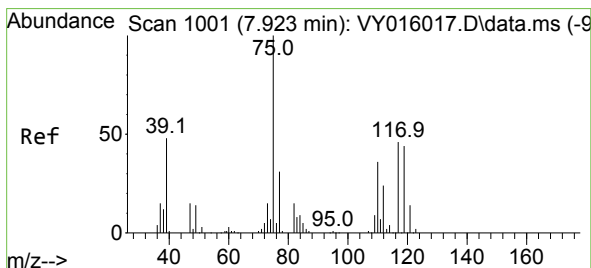
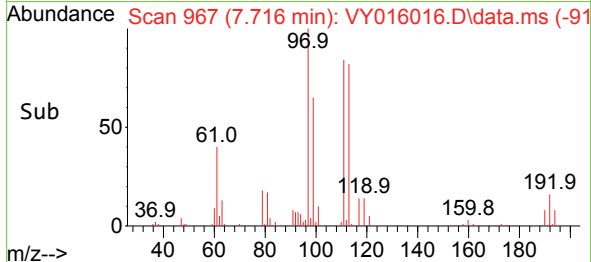
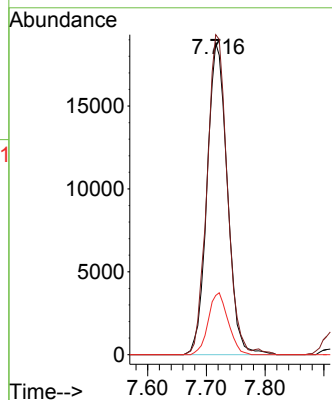
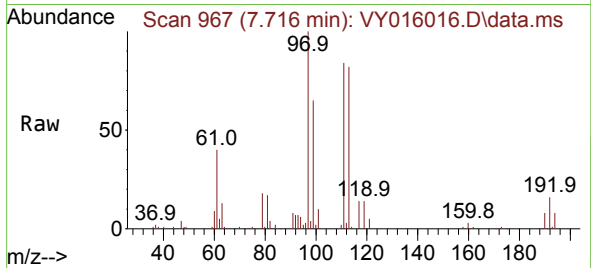




#35
Dibromofluoromethane
Concen: 20.237 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

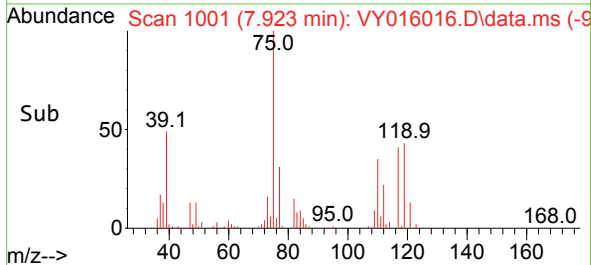
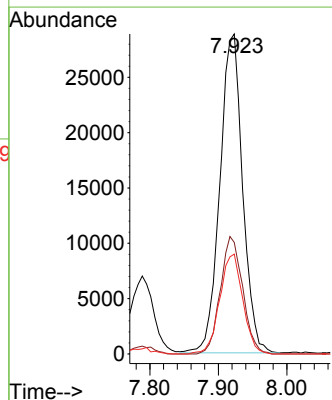
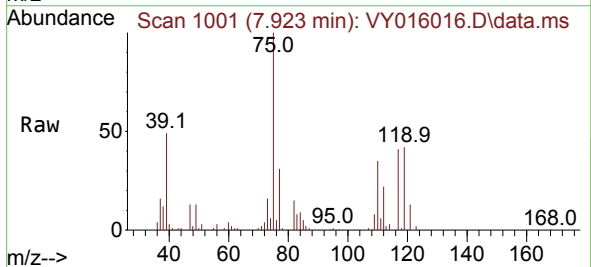
Instrument :
MSVOA_Y
ClientSampleId :

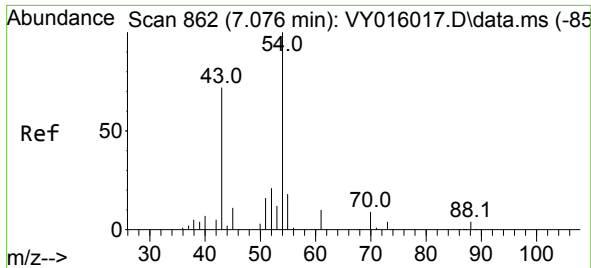
Tgt Ion:113 Resp: 44989
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.828 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 75 Resp: 66318
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 31.8 24.4 36.6





#37

Ethyl Acetate

Concen: 17.727 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY016016.D

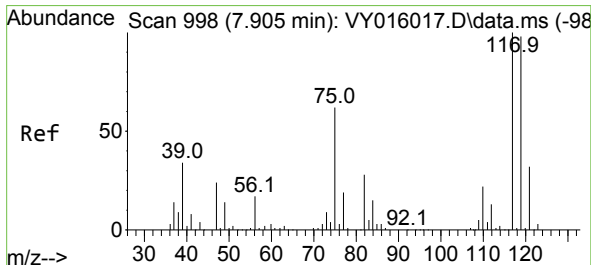
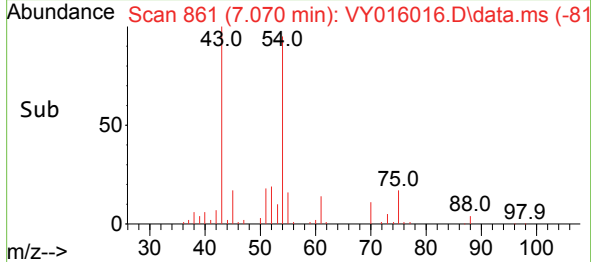
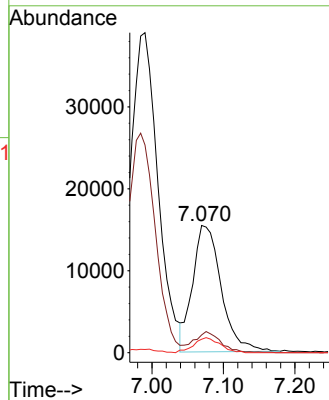
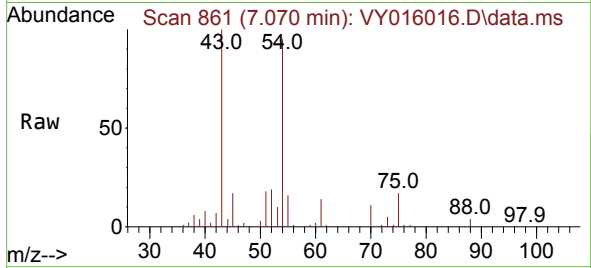
Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 42738
Ion Ratio	Lower Upper
43	100
61	15.3 10.1 15.1#
70	10.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 19.852 ug/l

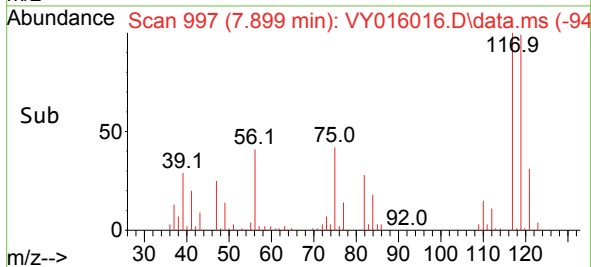
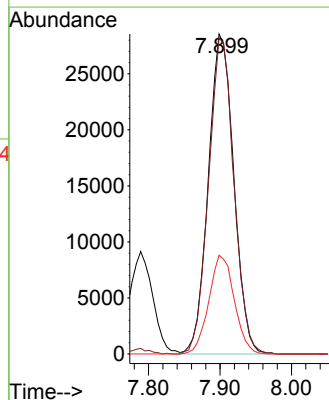
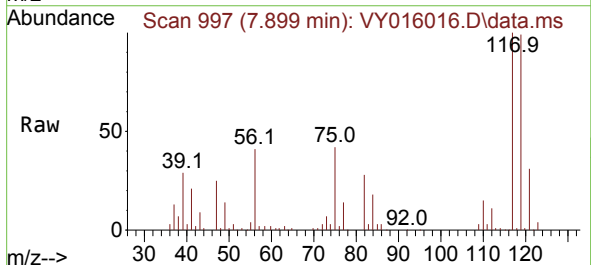
RT: 7.899 min Scan# 997

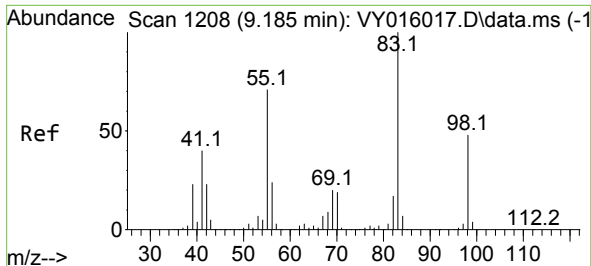
Delta R.T. -0.006 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Tgt Ion: 117	Resp: 70570
Ion Ratio	Lower Upper
117	100
119	98.7 76.4 114.6
121	30.9 25.8 38.6

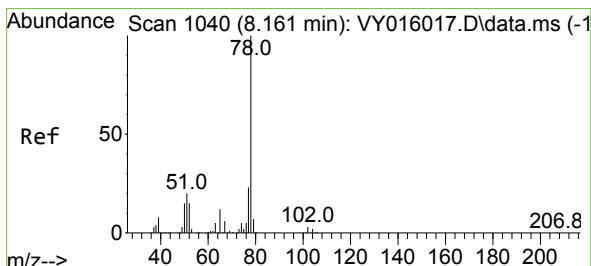
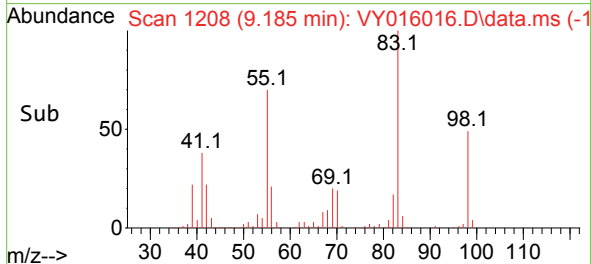
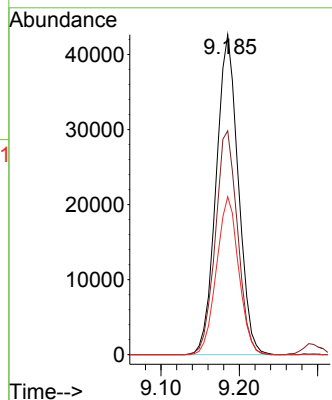
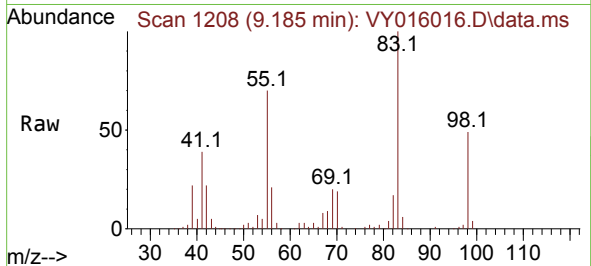




#39
Methylcyclohexane
Concen: 20.037 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

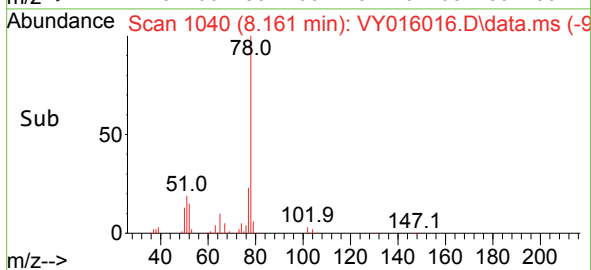
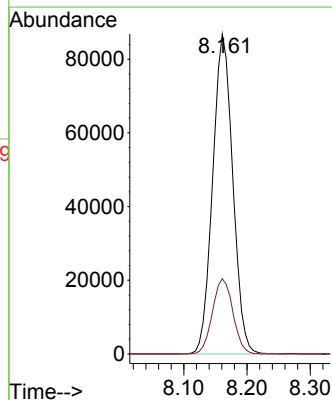
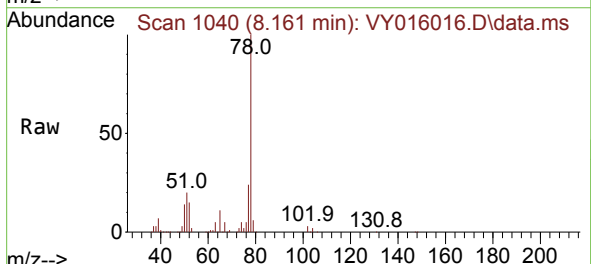
Instrument :
MSVOA_Y
ClientSampleId :

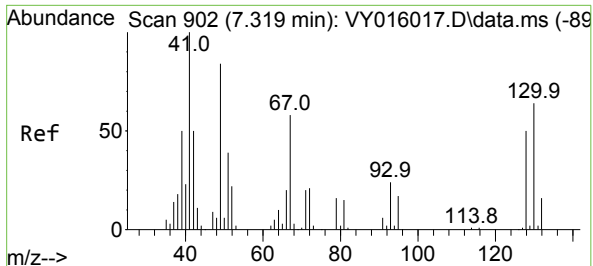
Tgt Ion: 83 Resp: 83750
Ion Ratio Lower Upper
83 100
55 69.9 63.0 94.4
98 49.3 37.4 56.2



#40
Benzene
Concen: 20.285 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 78 Resp: 191216
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



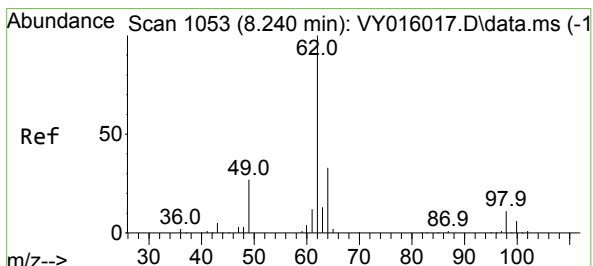
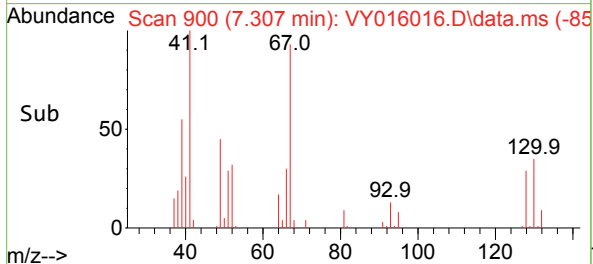
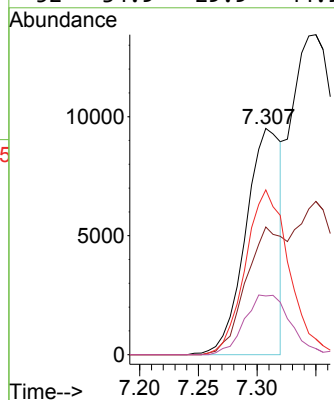
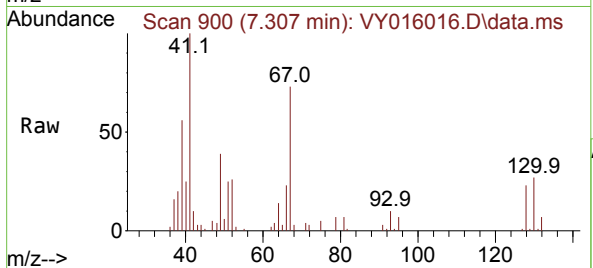


#41
Methacrylonitrile
Concen: 16.320 ug/l
RT: 7.307 min Scan# 902
Delta R.T. -0.012 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 19810

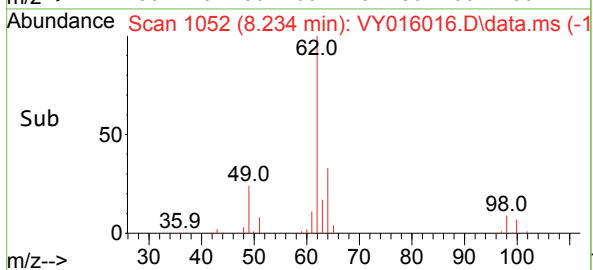
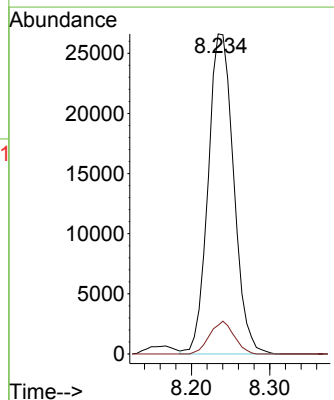
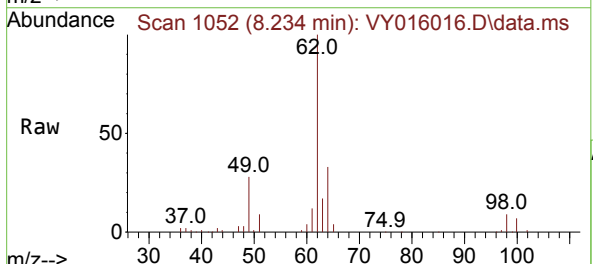
Ion	Ratio	Lower	Upper
41	100		
39	64.5	52.1	78.1
67	90.7	66.2	99.2
52	34.9	29.9	44.9

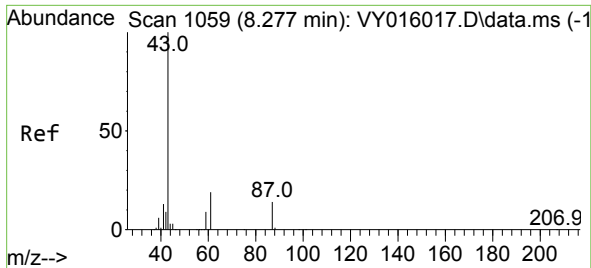


#42
1,2-Dichloroethane
Concen: 19.878 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 62 Resp: 60360

Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	15.8

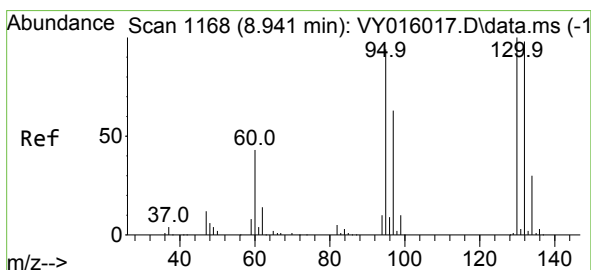
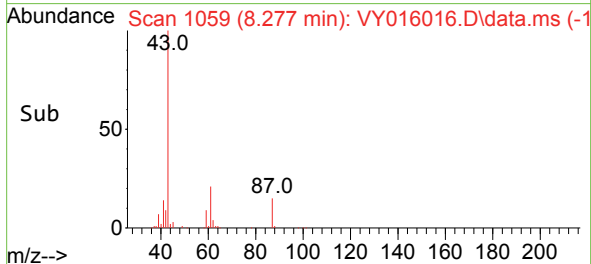
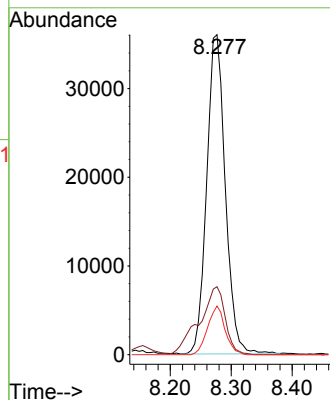
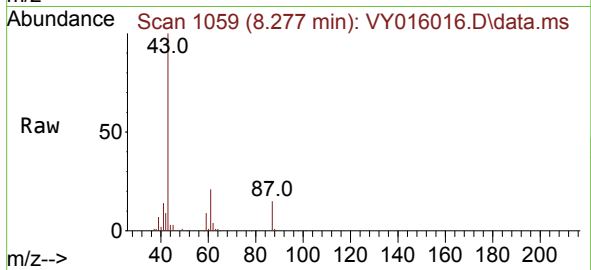




#43
Isopropyl Acetate
Concen: 18.141 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

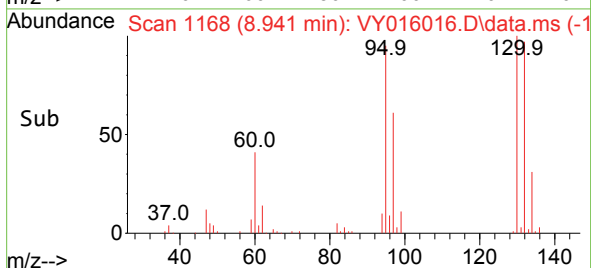
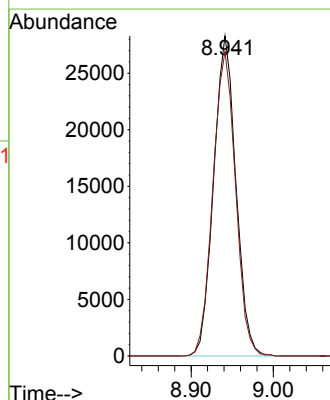
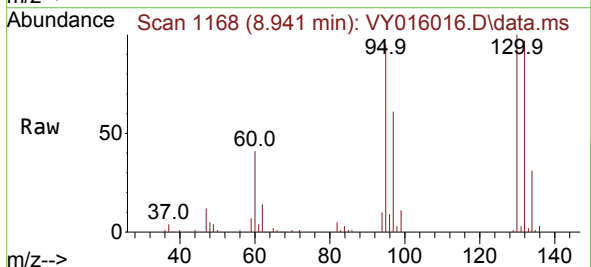
Instrument :
MSVOA_Y
ClientSampleId :

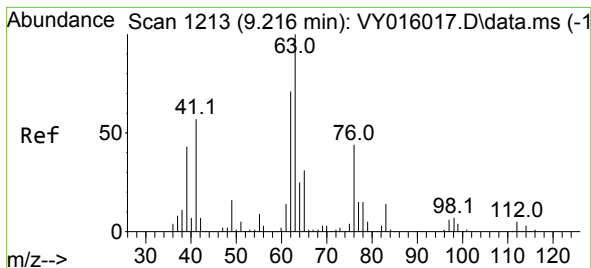
Tgt Ion: 43 Resp: 76466
Ion Ratio Lower Upper
43 100
61 29.7 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 20.089 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 130 Resp: 53096
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.329 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

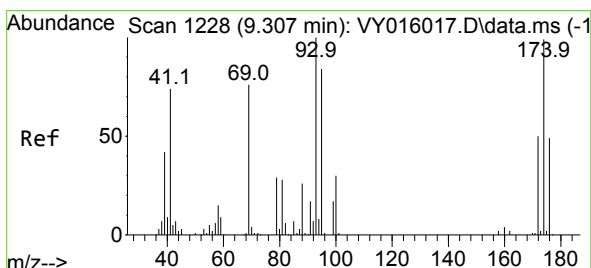
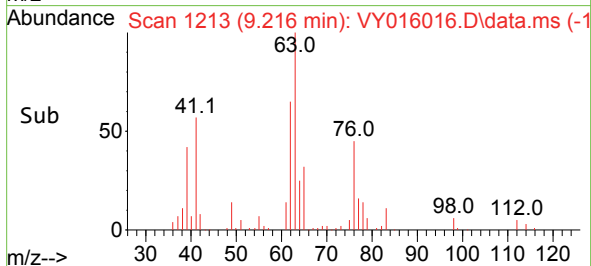
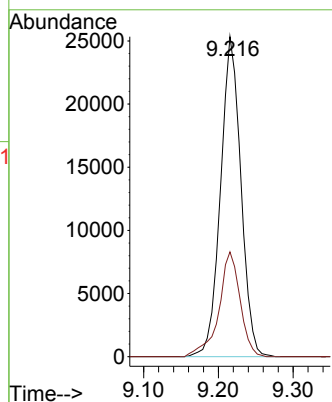
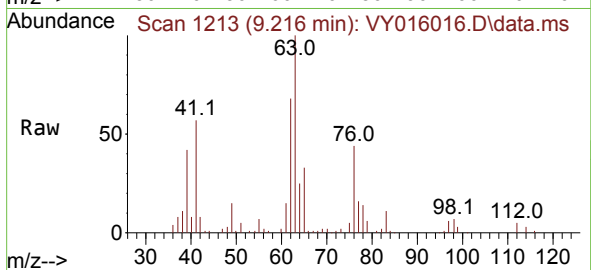
ClientSampleId :

Tgt Ion: 63 Resp: 47958

Ion Ratio Lower Upper

63 100

65 32.8 23.8 35.6



#46

Dibromomethane

Concen: 19.362 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

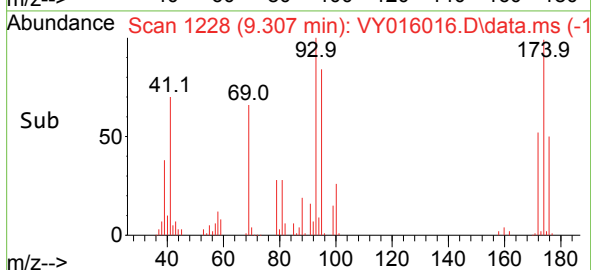
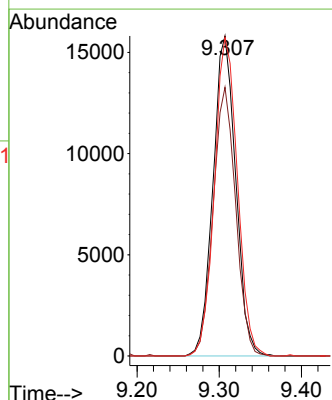
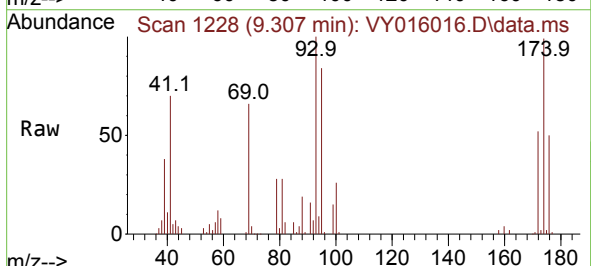
Tgt Ion: 93 Resp: 30324

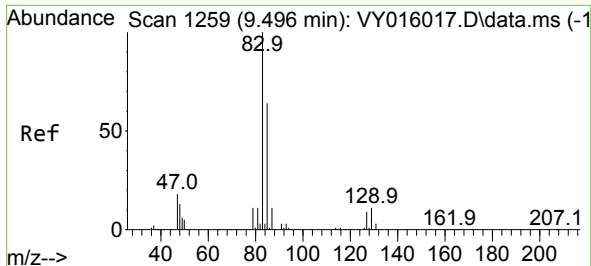
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 100.9 84.8 127.2

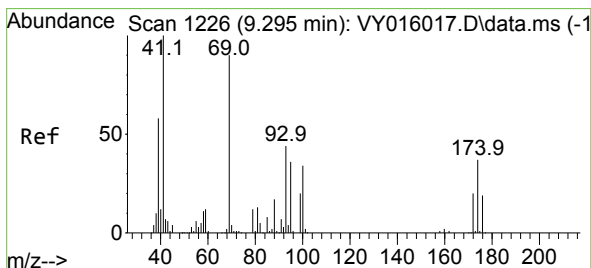
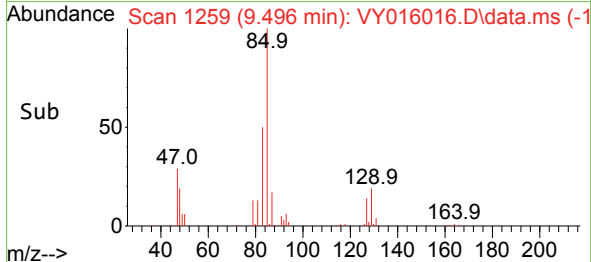
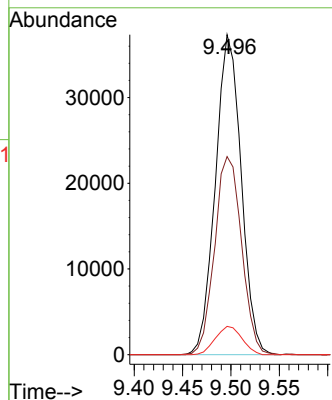
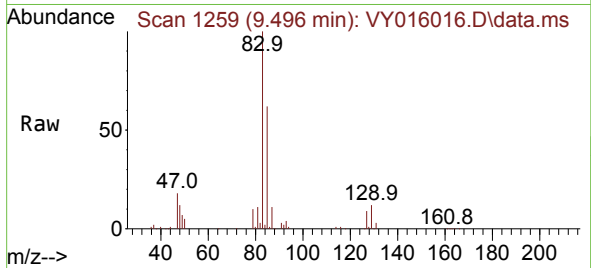




#47
Bromodichloromethane
Concen: 20.166 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

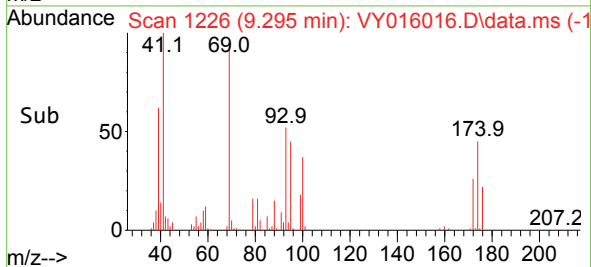
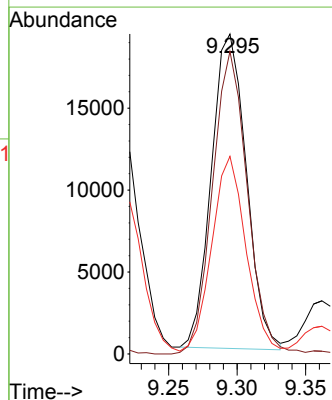
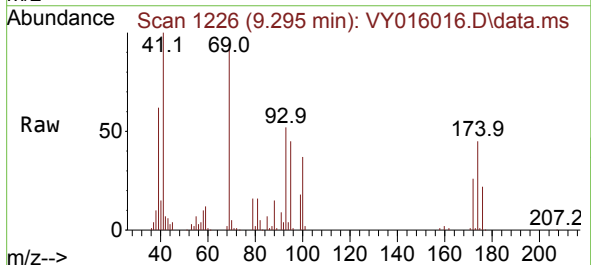
Instrument :
MSVOA_Y
ClientSampleId :

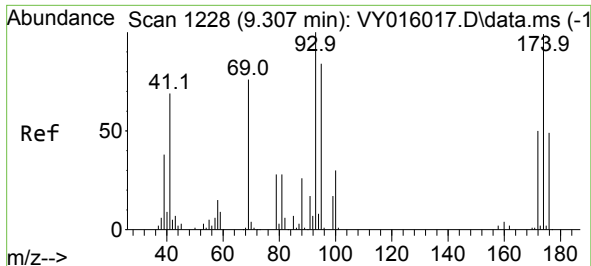
Tgt Ion: 83 Resp: 69223
Ion Ratio Lower Upper
83 100
85 61.9 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 17.770 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 41 Resp: 34094
Ion Ratio Lower Upper
41 100
69 96.3 64.5 96.7
39 60.3 50.8 76.2





#49

1,4-Dioxane

Concen: 335.384 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

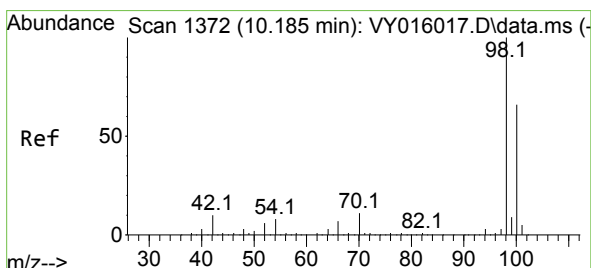
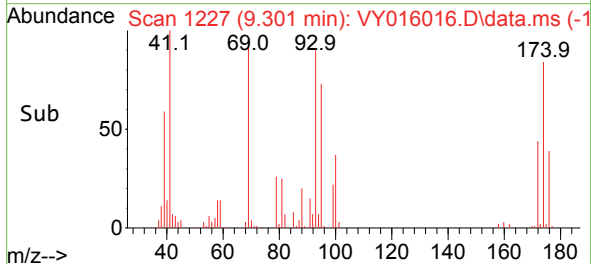
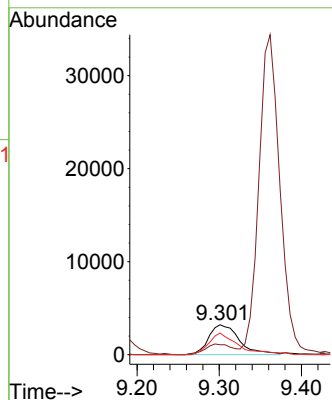
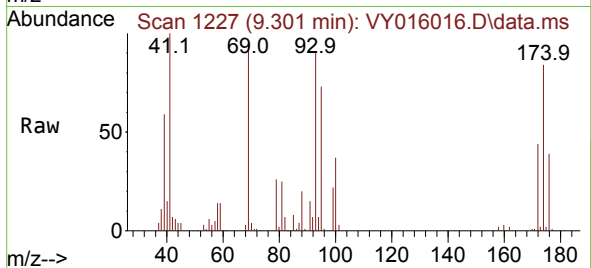
Tgt Ion: 88 Resp: 8364

Ion Ratio Lower Upper

88 100

43 32.2 0.0 0.0#

58 70.1 30.9 46.3#



#50

Toluene-d8

Concen: 20.300 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY016016.D

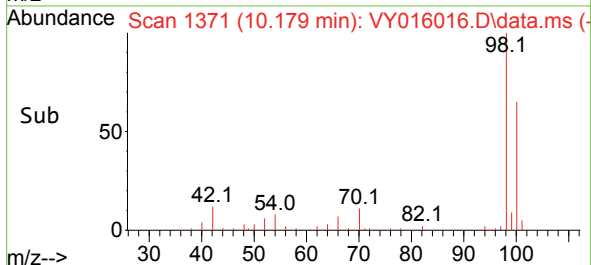
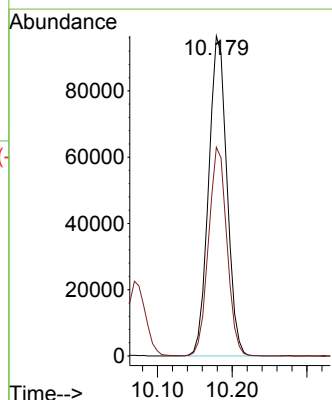
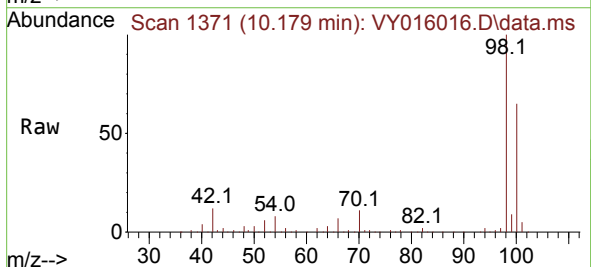
Acq: 18 Oct 2023 12:17

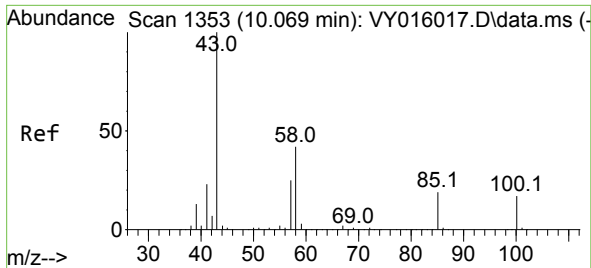
Tgt Ion: 98 Resp: 163898

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 89.715 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

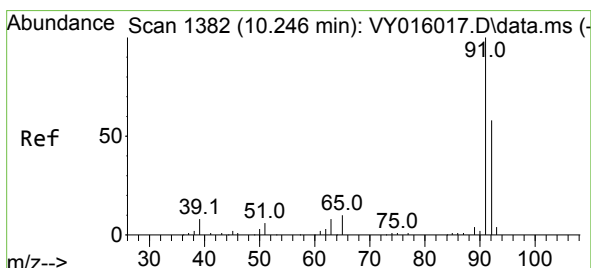
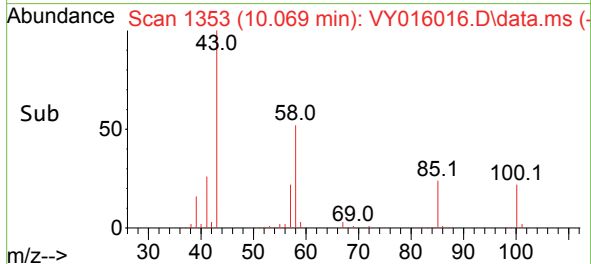
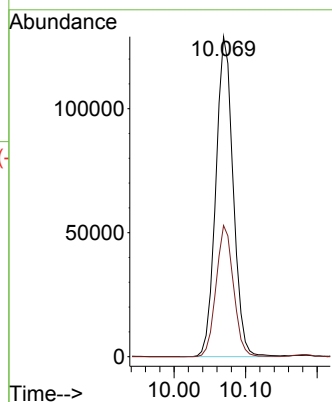
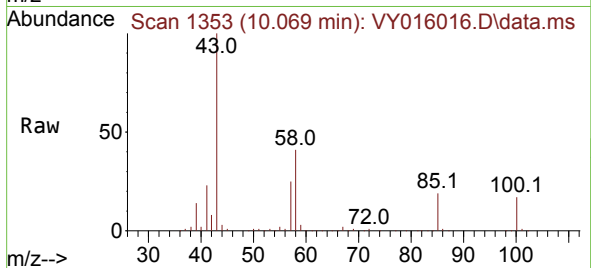
ClientSampleId :

Tgt Ion: 43 Resp: 217461

Ion Ratio Lower Upper

43 100

58 41.1 29.0 43.6



#52

Toluene

Concen: 20.300 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY016016.D

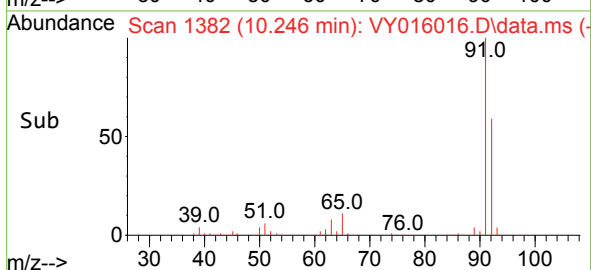
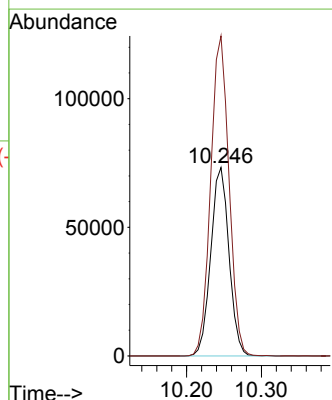
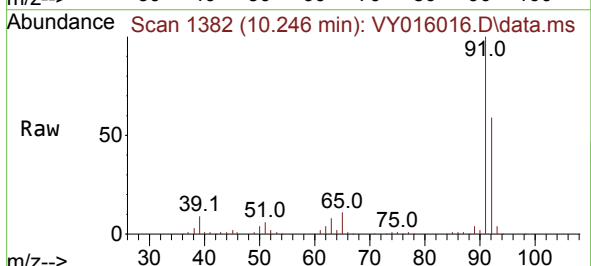
Acq: 18 Oct 2023 12:17

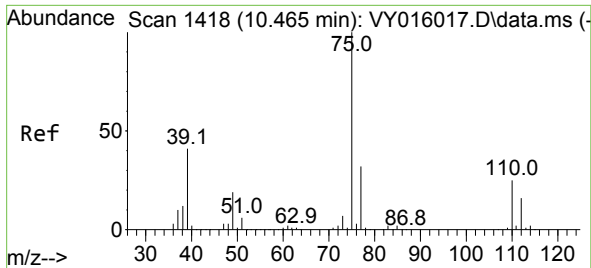
Tgt Ion: 92 Resp: 124120

Ion Ratio Lower Upper

92 100

91 170.4 143.8 215.6

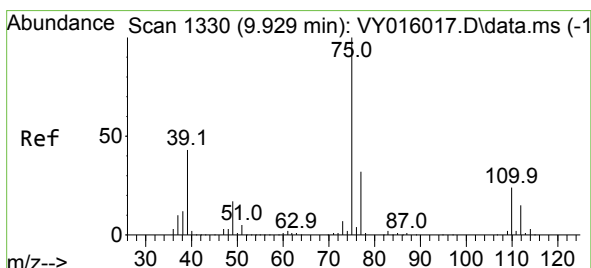
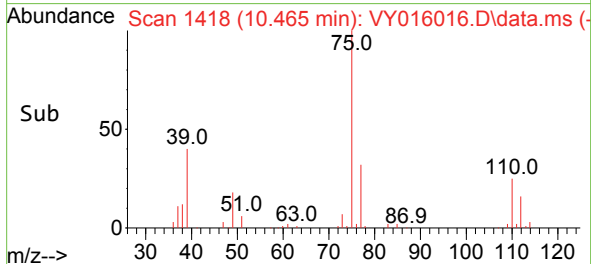
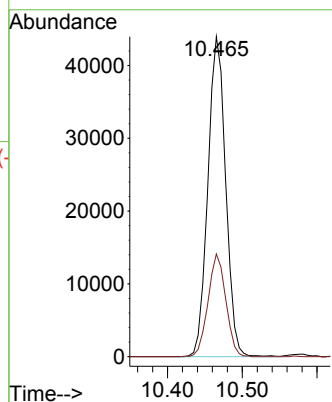
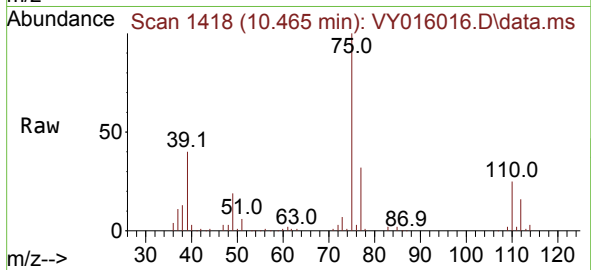




#53
 t-1,3-Dichloropropene
 Concen: 19.540 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY016016.D
 Acq: 18 Oct 2023 12:17

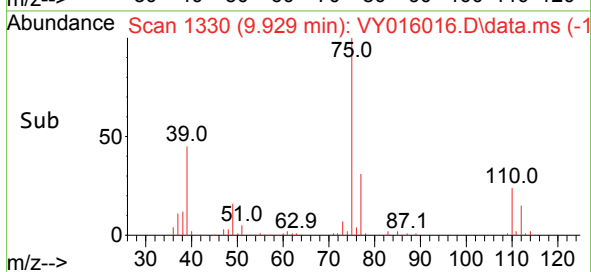
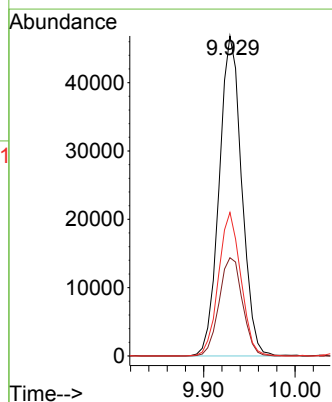
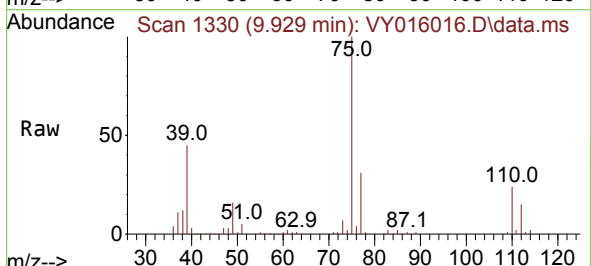
Instrument :
 MSVOA_Y
 ClientSampleId :

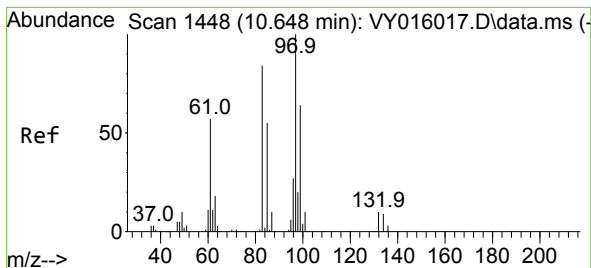
Tgt Ion: 75 Resp: 72661
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.820 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY016016.D
 Acq: 18 Oct 2023 12:17

Tgt Ion: 75 Resp: 80338
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.2 36.4
 39 44.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 19.860 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.006 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 42732

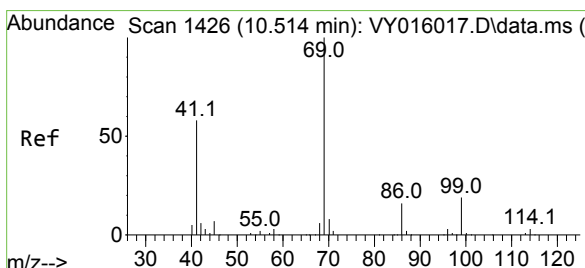
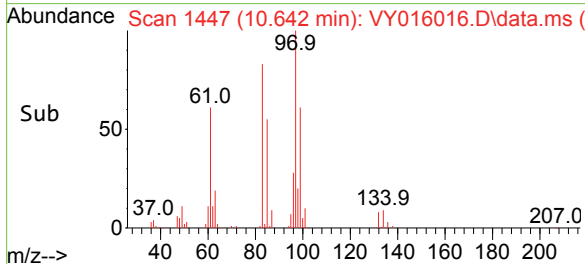
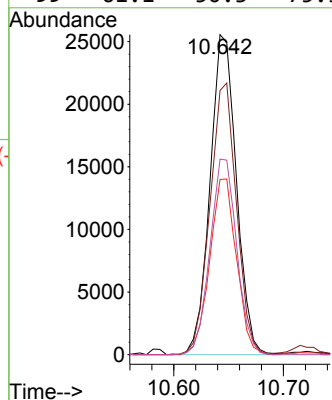
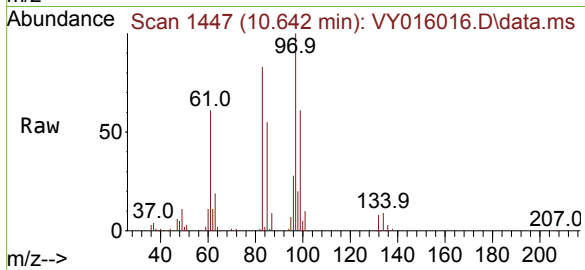
Ion Ratio Lower Upper

97 100

83 82.3 72.0 108.0

85 54.7 45.4 68.0

99 61.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.820 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

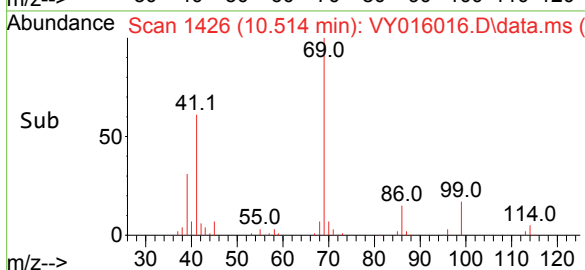
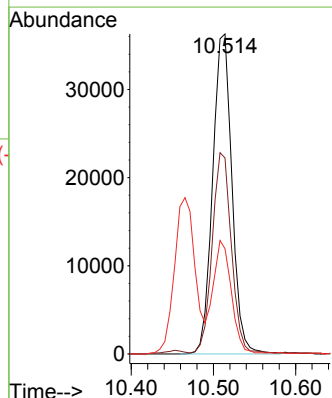
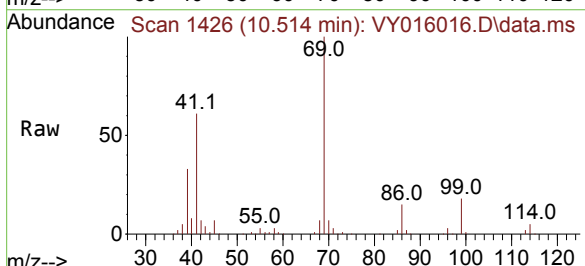
Tgt Ion: 69 Resp: 59179

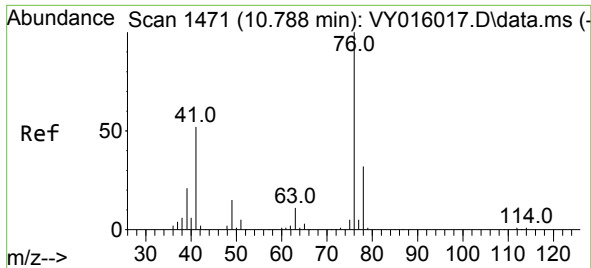
Ion Ratio Lower Upper

69 100

41 62.4 57.6 86.4

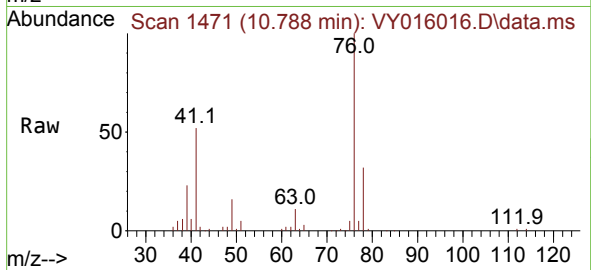
39 33.1 34.1 51.1#



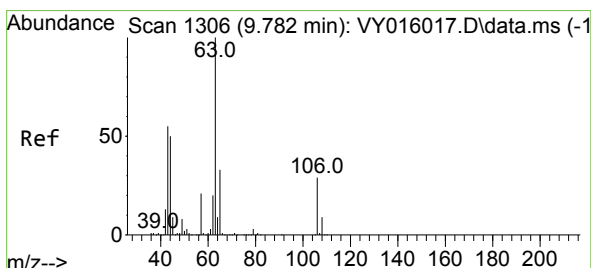
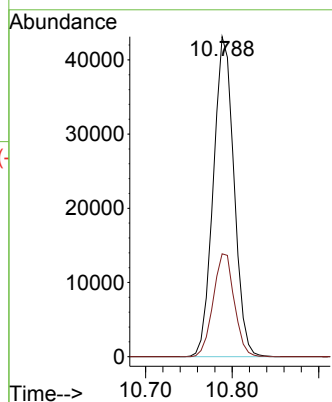
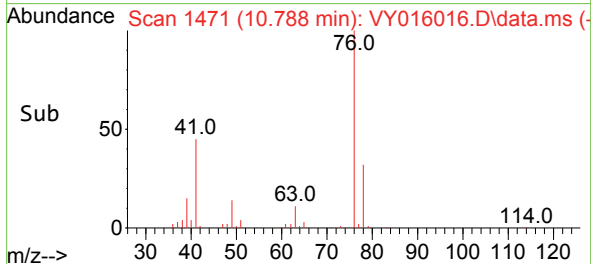


#57
1,3-Dichloropropane
Concen: 19.564 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Instrument :
MSVOA_Y
ClientSampleId :

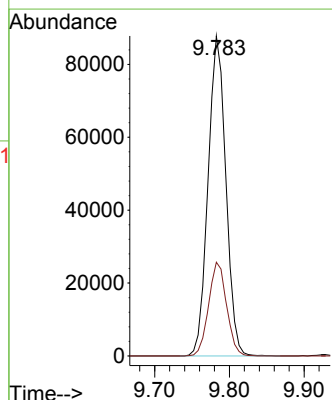
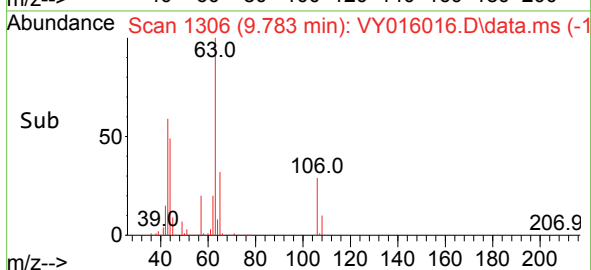
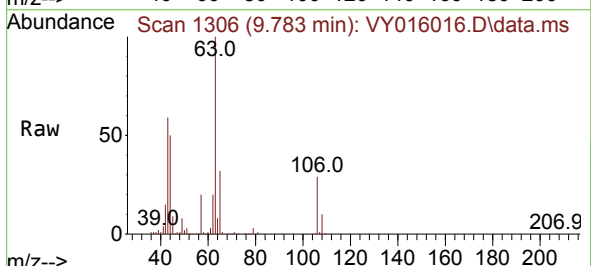


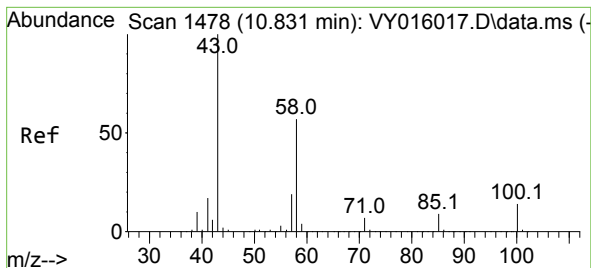
Tgt Ion: 76 Resp: 71412
Ion Ratio Lower Upper
76 100
78 32.9 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 96.122 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 63 Resp: 145180
Ion Ratio Lower Upper
63 100
106 29.5 21.2 31.8

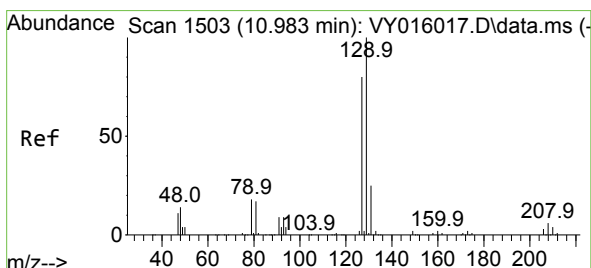
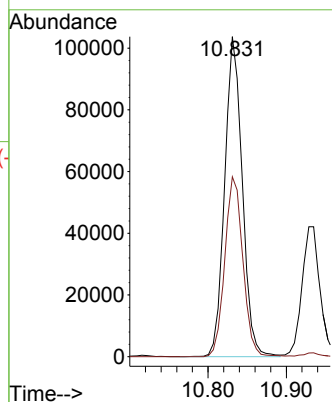
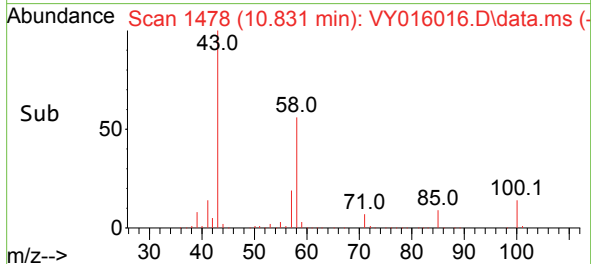
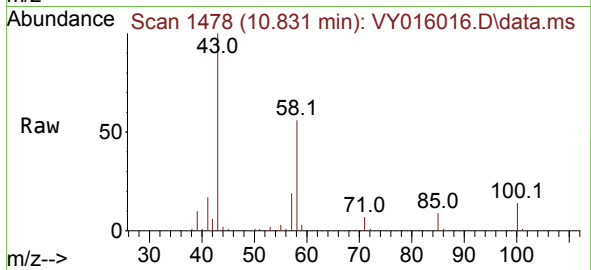




#59
2-Hexanone
Concen: 87.980 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

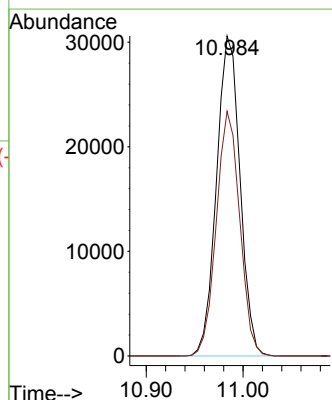
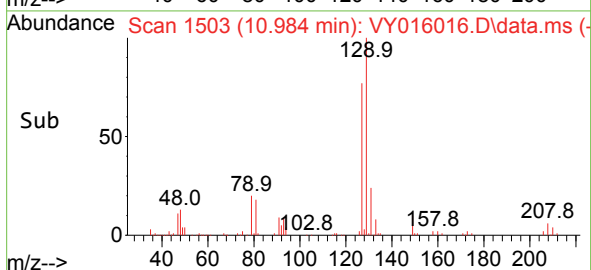
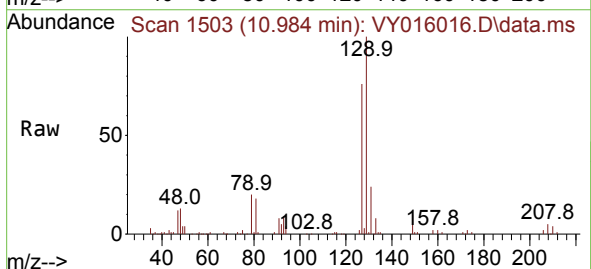
Instrument :
MSVOA_Y
ClientSampleId :

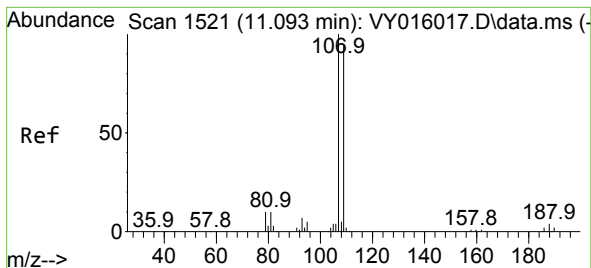
Tgt Ion: 43 Resp: 162251
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3



#60
Dibromochloromethane
Concen: 19.816 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion:129 Resp: 51564
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.224 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

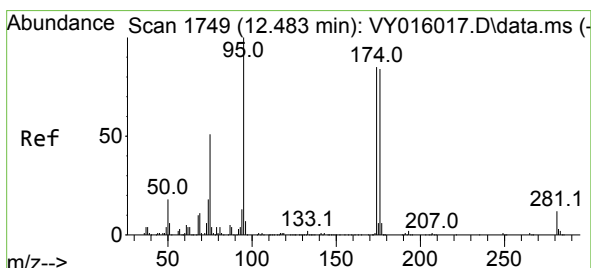
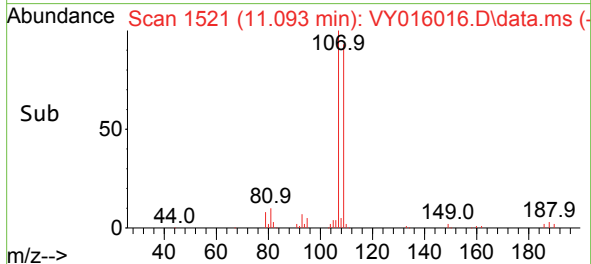
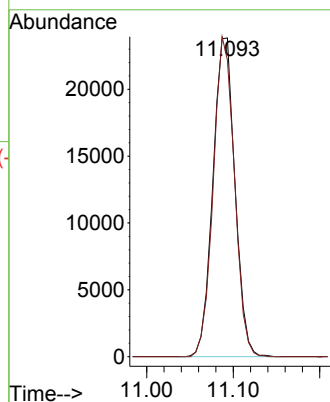
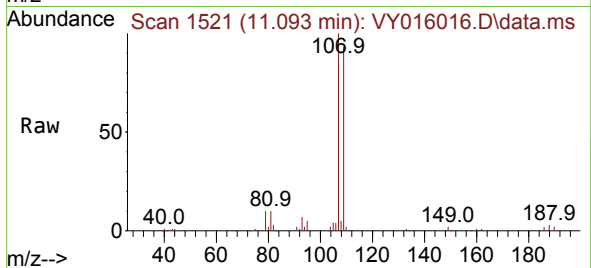
ClientSampleId :

Tgt Ion:107 Resp: 42095

Ion Ratio Lower Upper

107 100

109 96.2 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 20.397 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

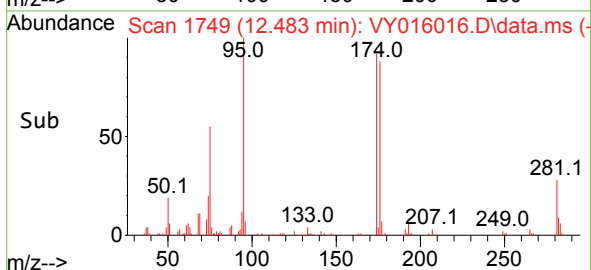
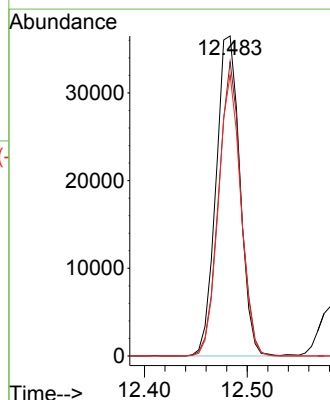
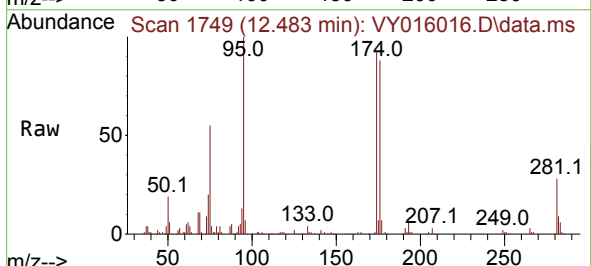
Tgt Ion: 95 Resp: 58760

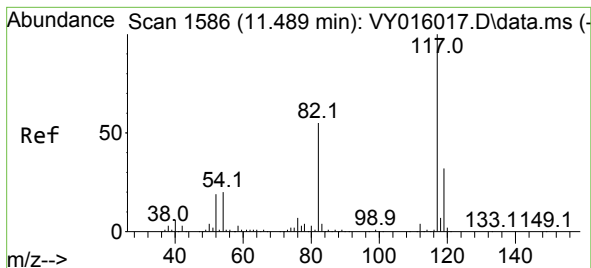
Ion Ratio Lower Upper

95 100

174 86.0 0.0 178.2

176 82.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

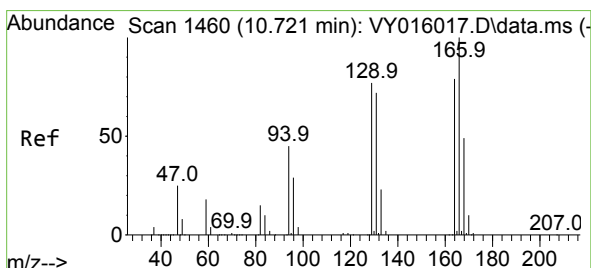
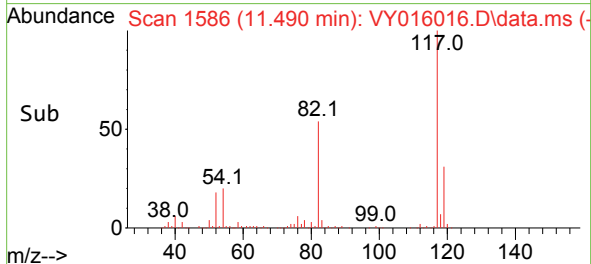
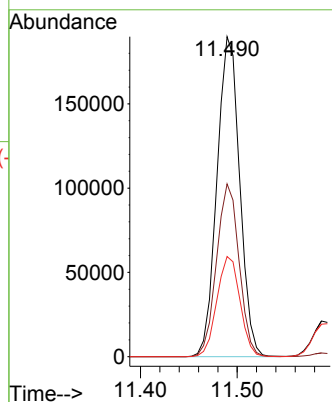
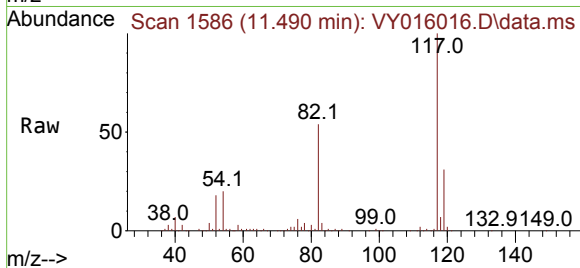
Tgt Ion:117 Resp: 309631

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 31.3 26.3 39.5



#64

Tetrachloroethene

Concen: 19.766 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Tgt Ion:164 Resp: 47457

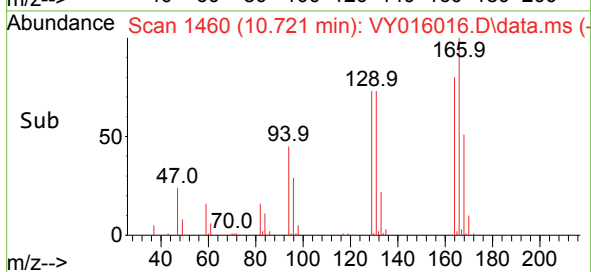
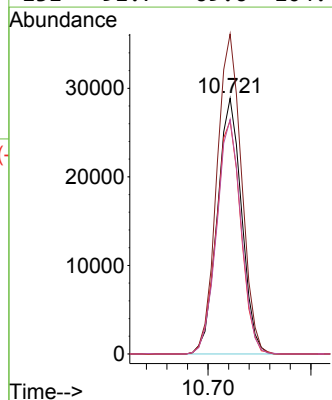
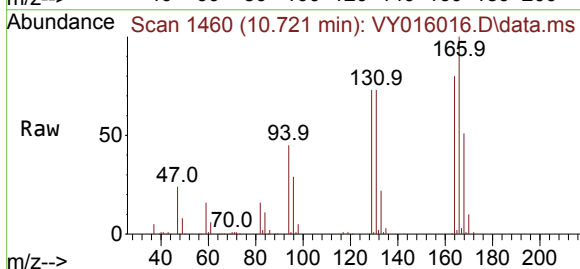
Ion Ratio Lower Upper

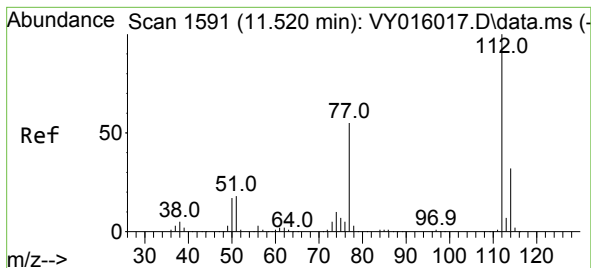
164 100

166 125.1 103.0 154.6

129 91.2 77.2 115.8

131 91.7 69.6 104.4





#65

Chlorobenzene

Concen: 20.056 ug/l

RT: 11.514 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

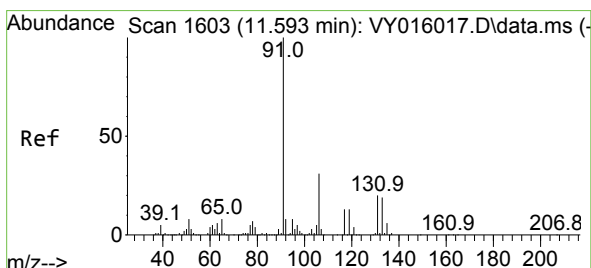
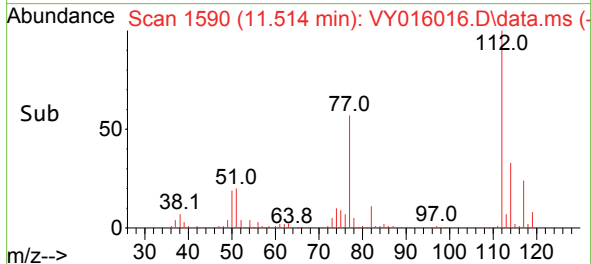
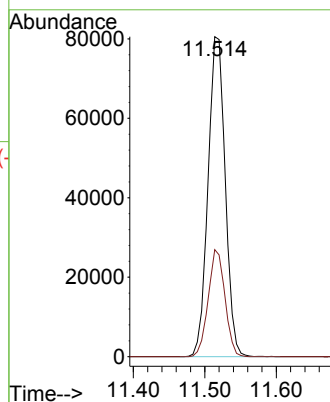
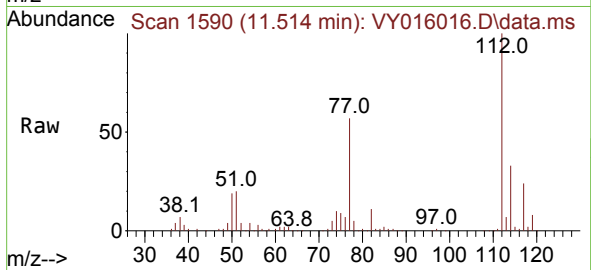
ClientSampleId :

Tgt Ion:112 Resp: 134488

Ion Ratio Lower Upper

112 100

114 33.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.976 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

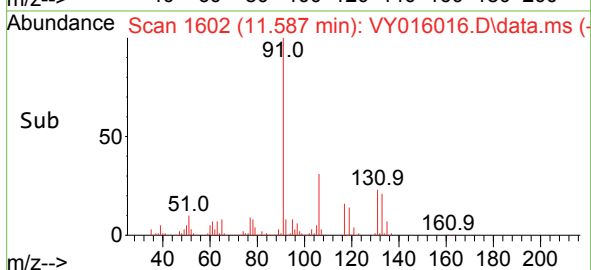
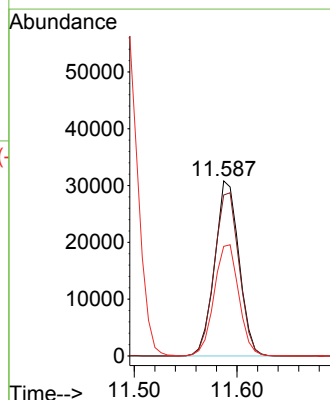
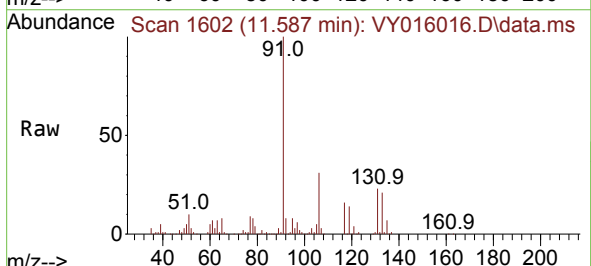
Tgt Ion:131 Resp: 50488

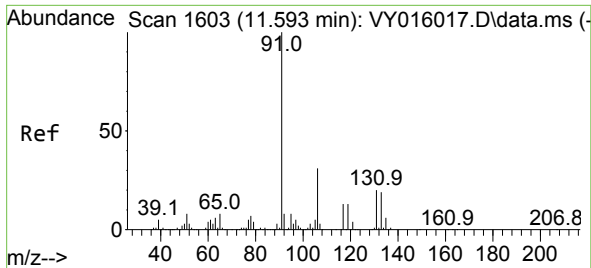
Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

119 64.9 31.6 94.7

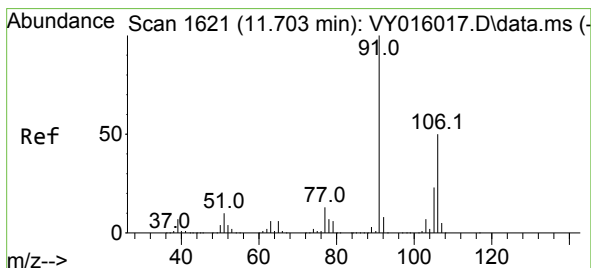
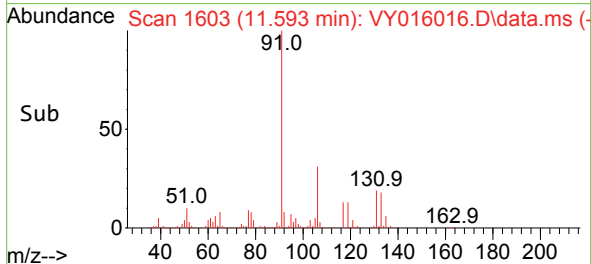
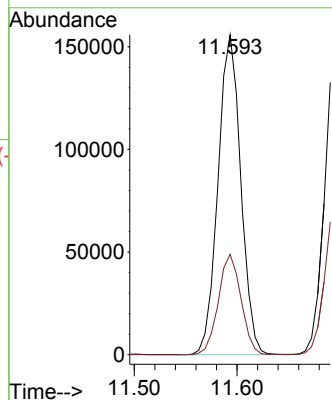
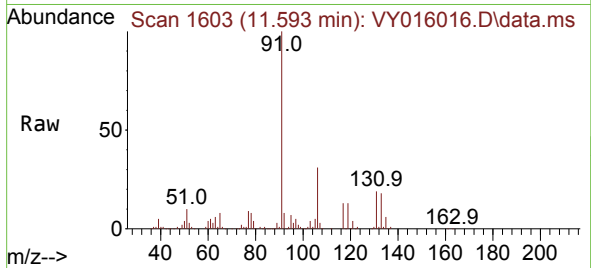




#67
Ethyl Benzene
Concen: 20.187 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

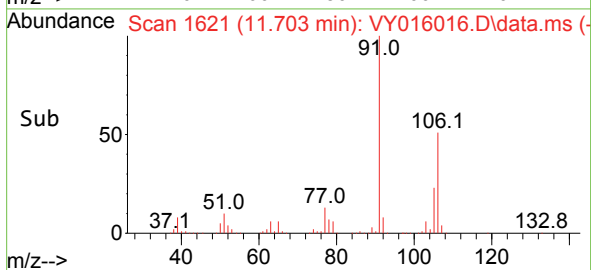
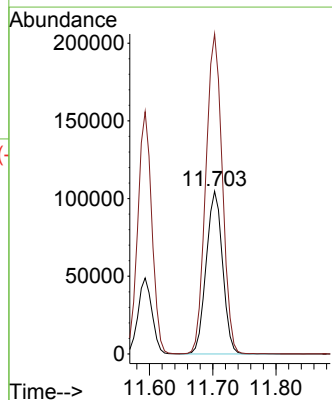
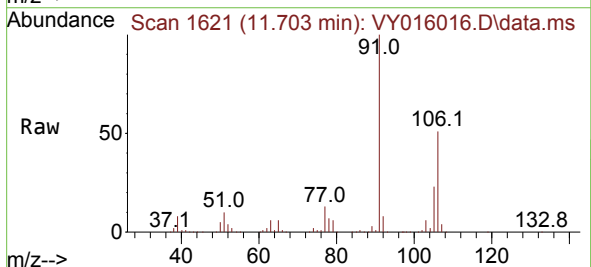
Instrument :
MSVOA_Y
ClientSampleId :

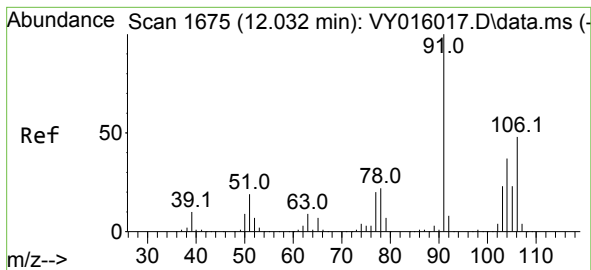
Tgt Ion: 91 Resp: 239531
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#68
m/p-Xylenes
Concen: 40.769 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion:106 Resp: 188641
Ion Ratio Lower Upper
106 100
91 198.3 166.1 249.1





#69

o-Xylene

Concen: 20.250 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

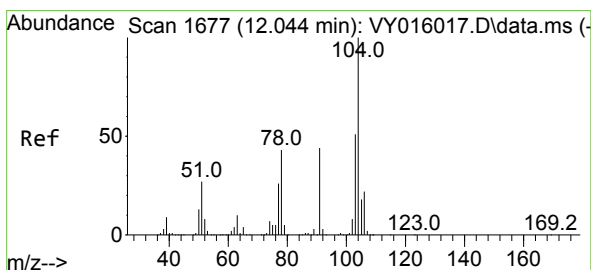
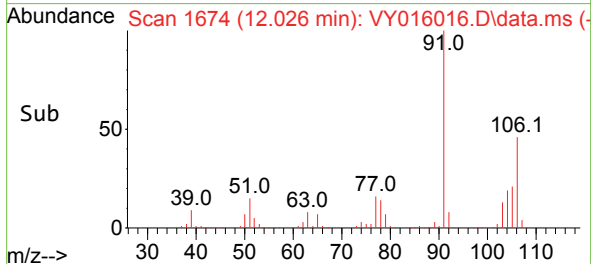
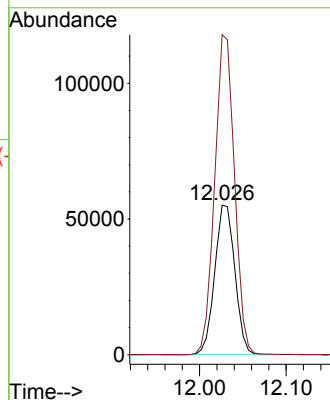
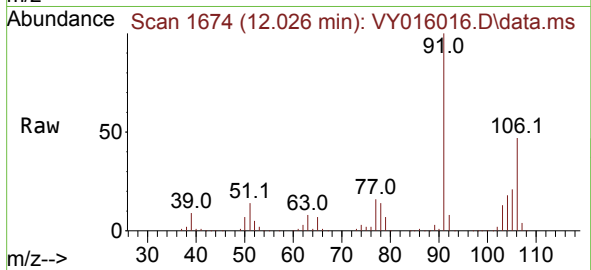
ClientSampleId :

Tgt Ion:106 Resp: 89136

Ion Ratio Lower Upper

106 100

91 210.2 108.1 324.3



#70

Styrene

Concen: 20.348 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

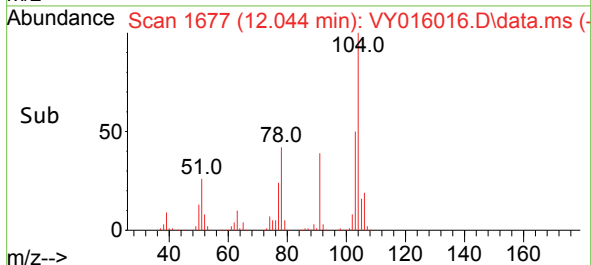
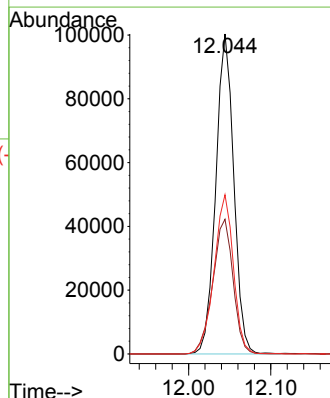
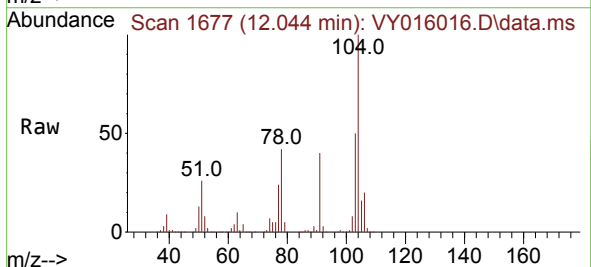
Tgt Ion:104 Resp: 152655

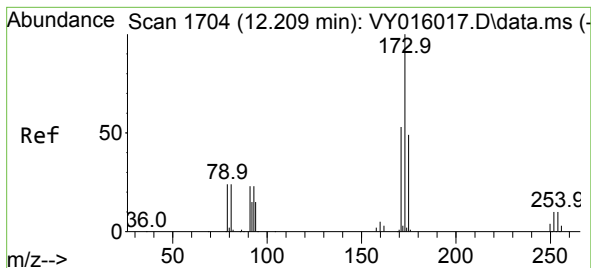
Ion Ratio Lower Upper

104 100

78 47.6 41.5 62.3

103 53.6 44.6 67.0





#71

Bromoform

Concen: 19.113 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

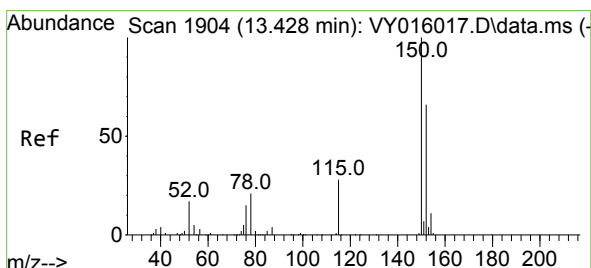
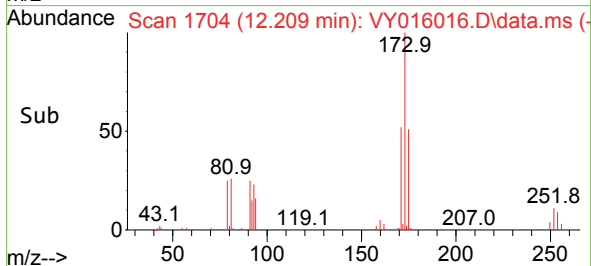
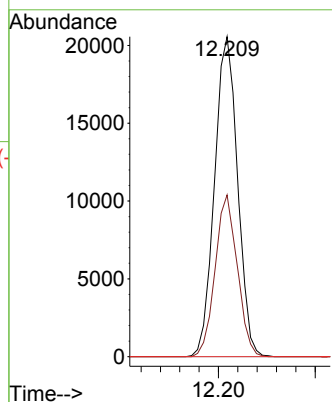
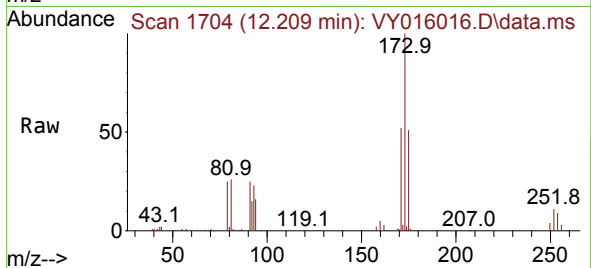
Tgt Ion:173 Resp: 33991

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

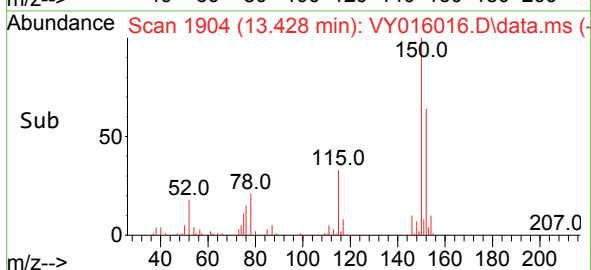
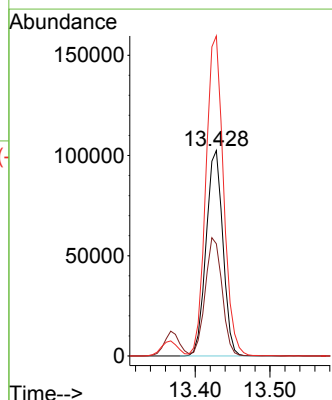
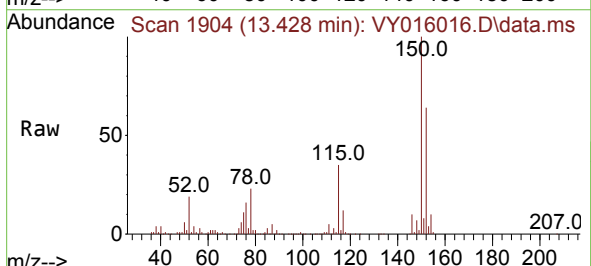
Tgt Ion:152 Resp: 159559

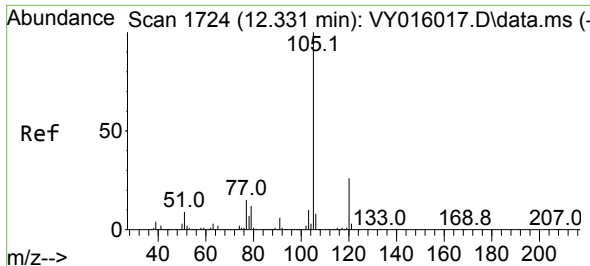
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

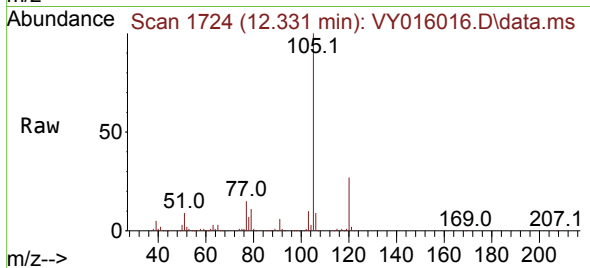
150 164.0 0.0 348.8



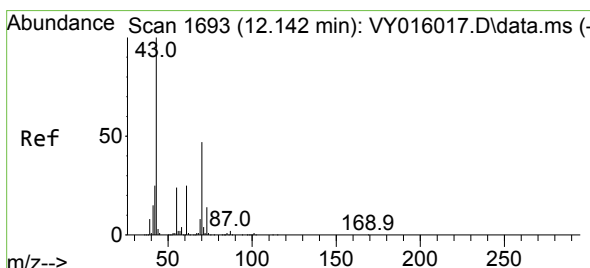
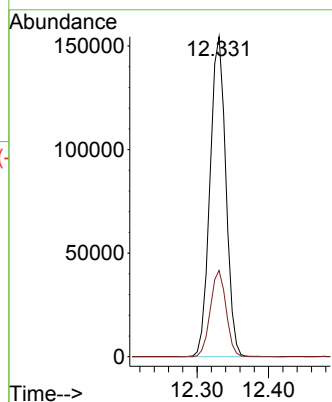
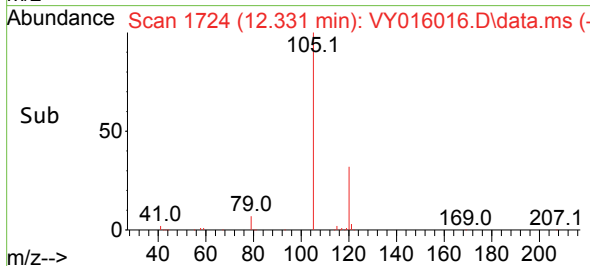


#73
Isopropylbenzene
Concen: 19.921 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

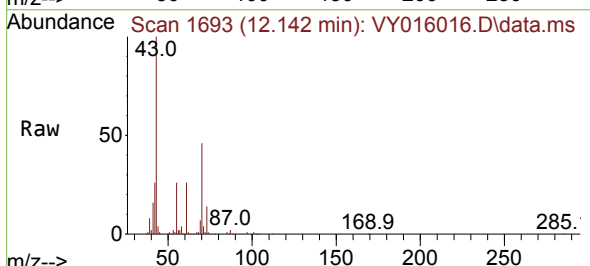
Instrument :
MSVOA_Y
ClientSampleId :



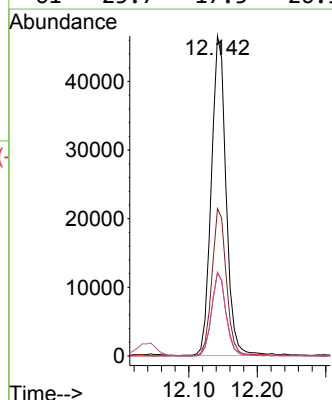
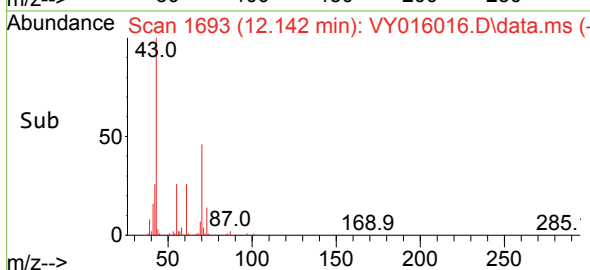
Tgt Ion:105 Resp: 237764
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

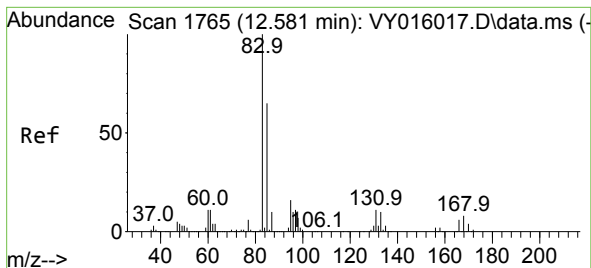


#74
N-ethyl acetate
Concen: 18.446 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17



Tgt Ion: 43 Resp: 69538
Ion Ratio Lower Upper
43 100
70 45.4 29.7 44.5#
55 26.0 18.3 27.5
61 25.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.731 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

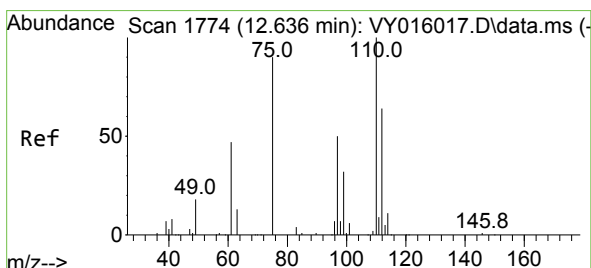
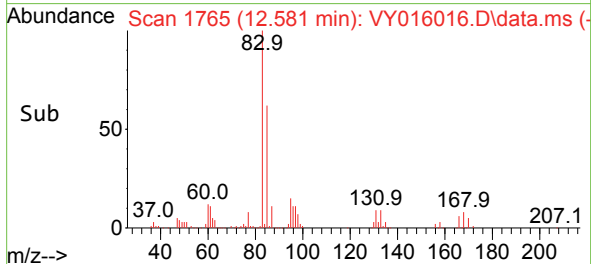
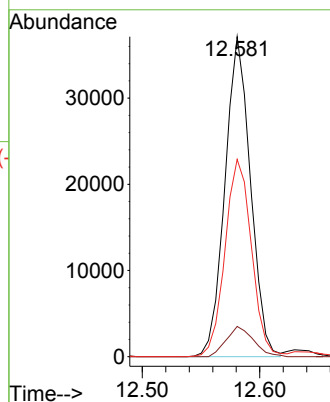
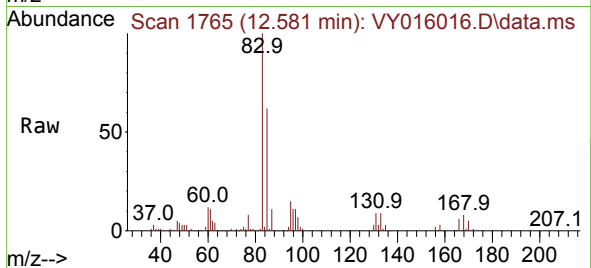
Tgt Ion: 83 Resp: 55994

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 64.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 31.159 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY016016.D

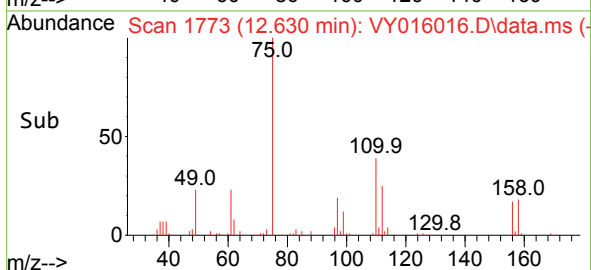
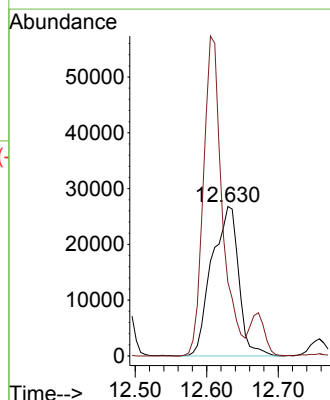
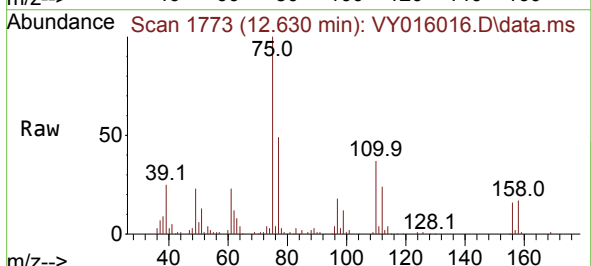
Acq: 18 Oct 2023 12:17

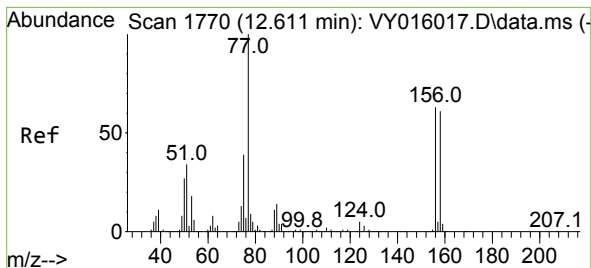
Tgt Ion: 75 Resp: 70129

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.722 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY016016.D

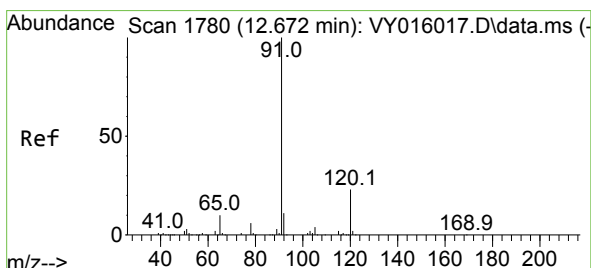
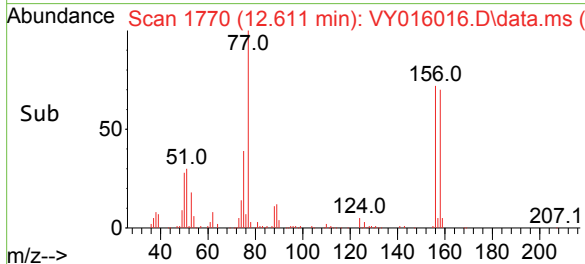
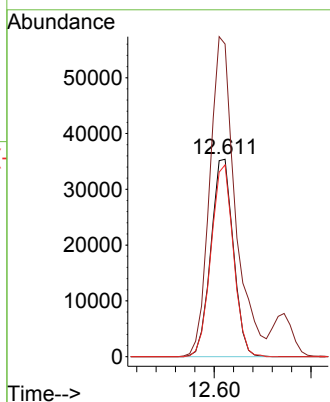
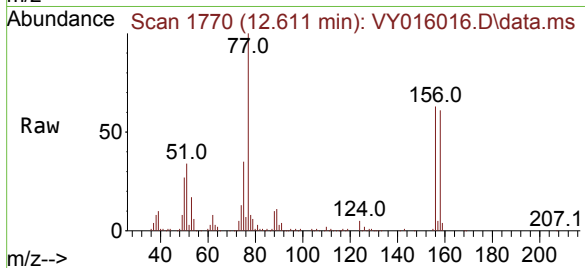
Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	57135
Ion Ratio	Lower	Upper	
156	100		
77	184.9	92.8	278.6
158	96.5	48.4	145.3



#78

n-propylbenzene

Concen: 20.388 ug/l

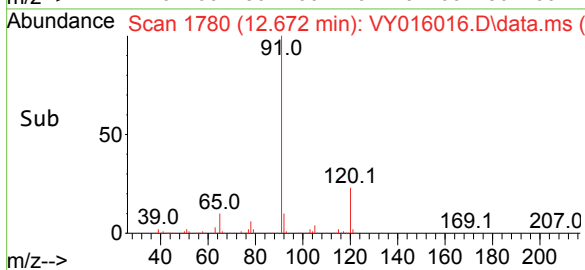
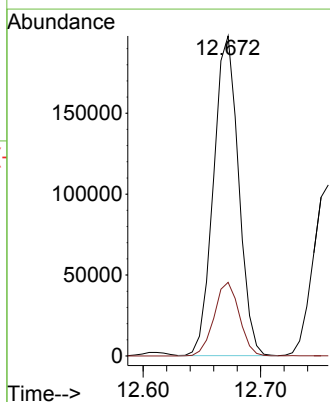
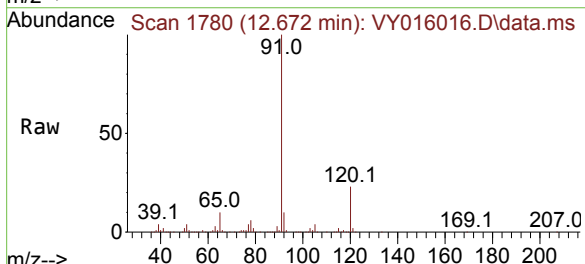
RT: 12.672 min Scan# 1780

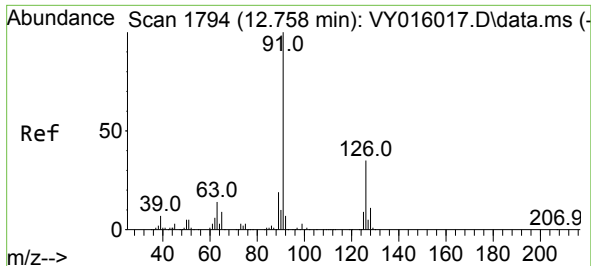
Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Tgt Ion:	91	Resp:	293107
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4

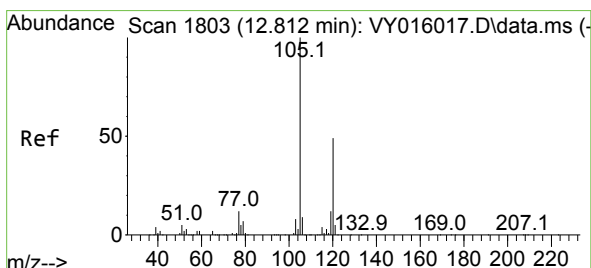
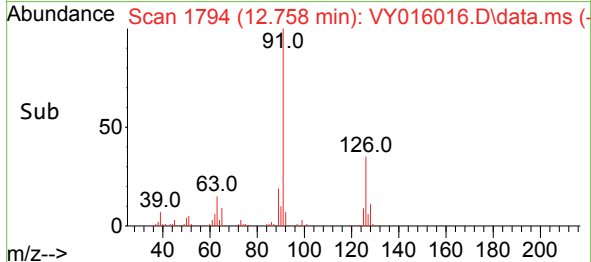
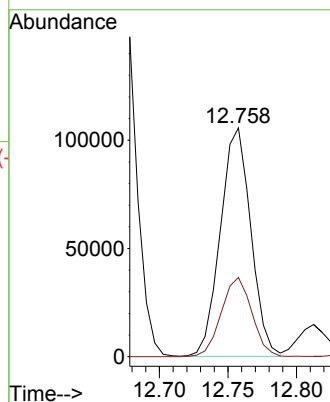
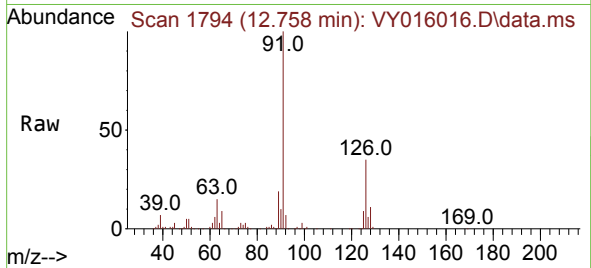




#79
2-Chlorotoluene
Concen: 20.238 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

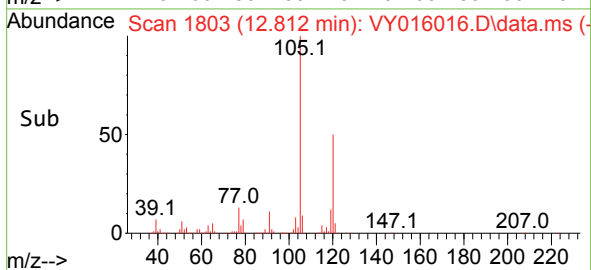
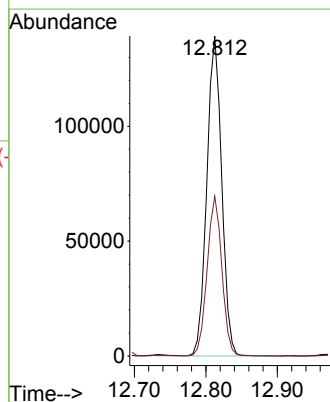
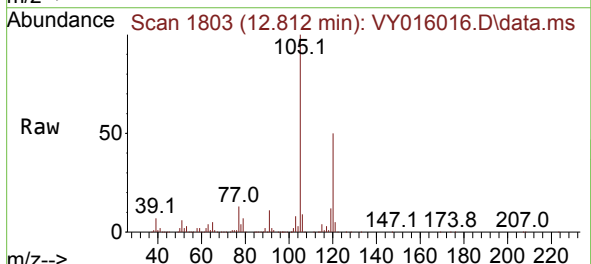
Instrument :
MSVOA_Y
ClientSampleId :

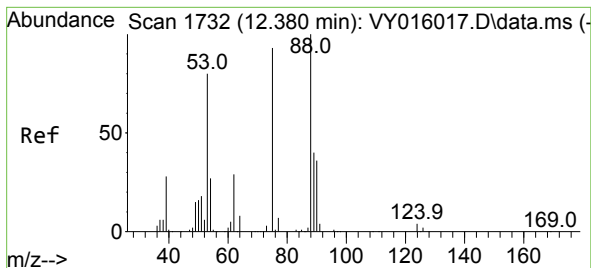
Tgt Ion: 91 Resp: 163304
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.383 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion:105 Resp: 201509
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

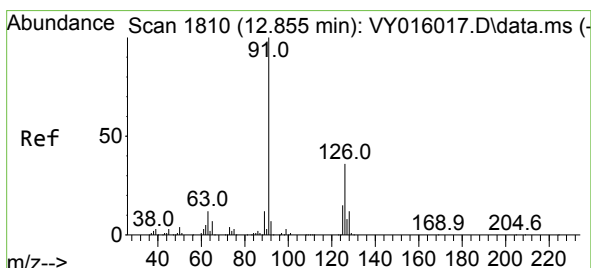
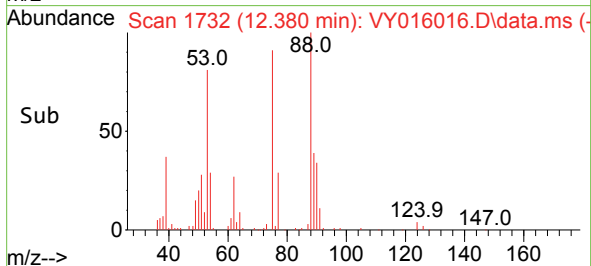
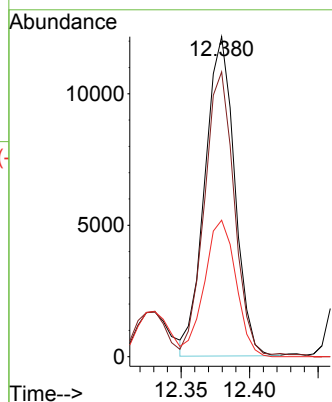
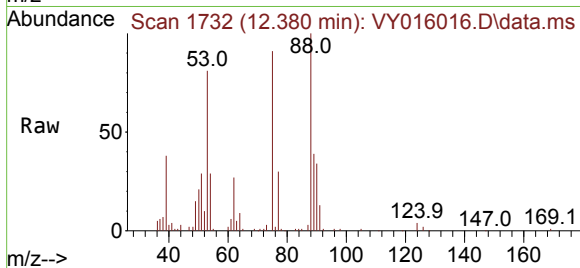




#81
trans-1,4-Dichloro-2-butene
Concen: 17.717 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

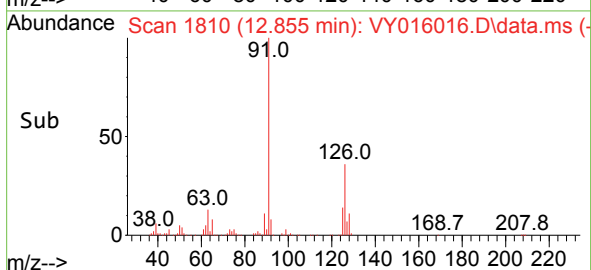
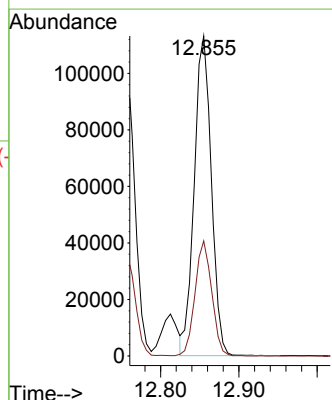
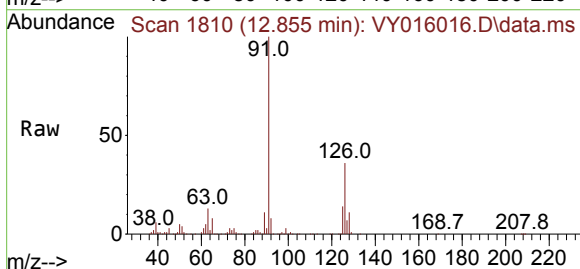
Instrument :
MSVOA_Y
ClientSampleId :

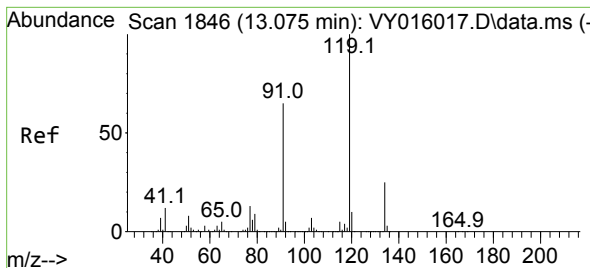
Tgt Ion: 75 Resp: 18336
Ion Ratio Lower Upper
75 100
53 90.1 77.8 116.8
89 45.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.397 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion: 91 Resp: 171772
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.299 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

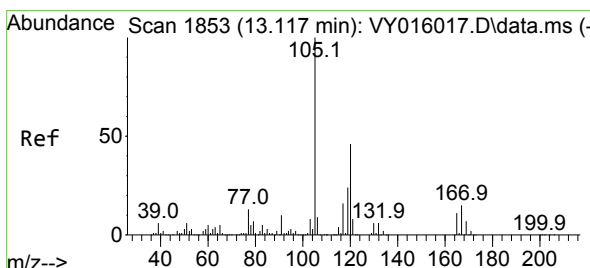
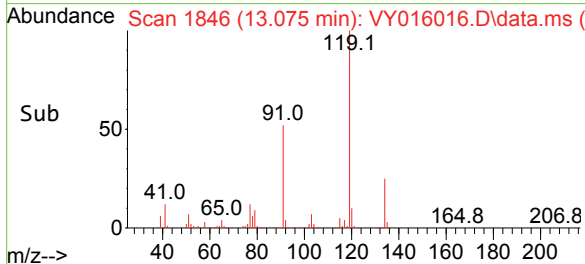
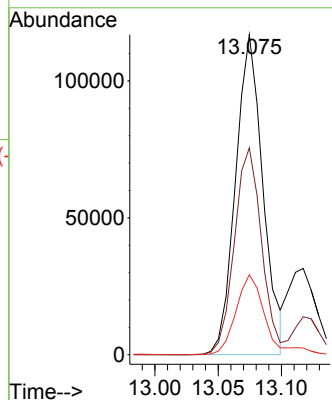
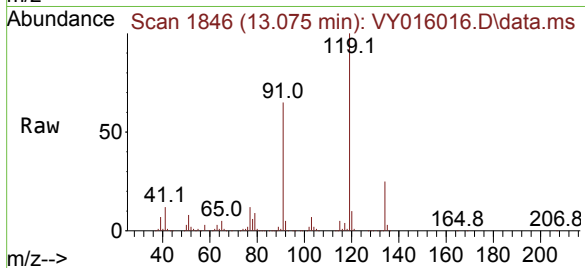
Tgt Ion:119 Resp: 175965

Ion Ratio Lower Upper

119 100

91 64.2 32.9 98.6

134 26.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.381 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY016016.D

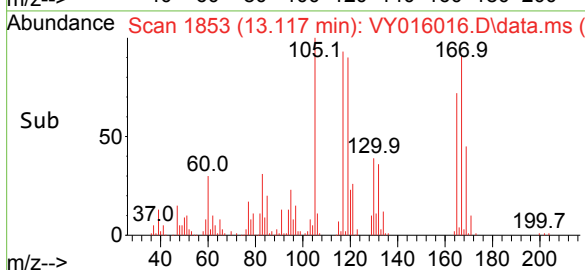
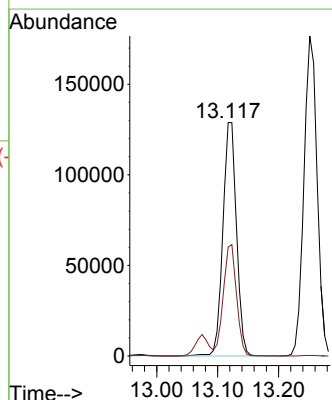
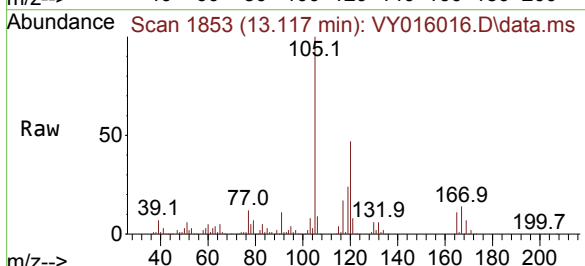
Acq: 18 Oct 2023 12:17

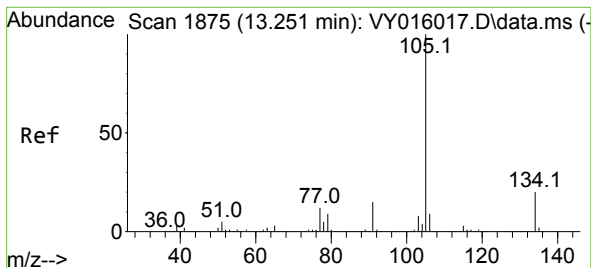
Tgt Ion:105 Resp: 200082

Ion Ratio Lower Upper

105 100

120 46.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.524 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

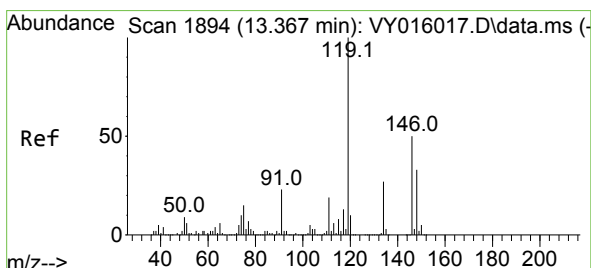
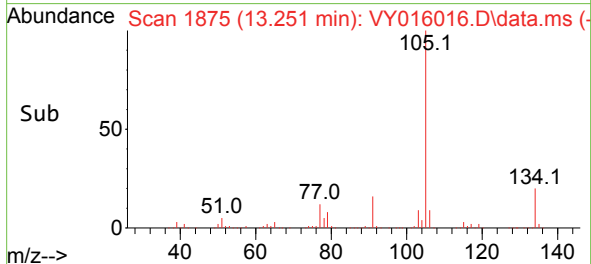
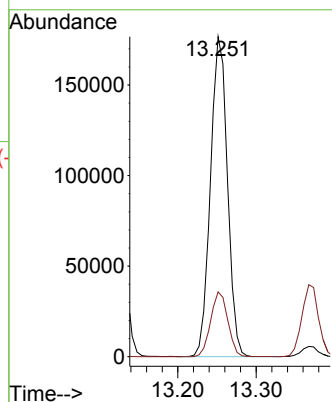
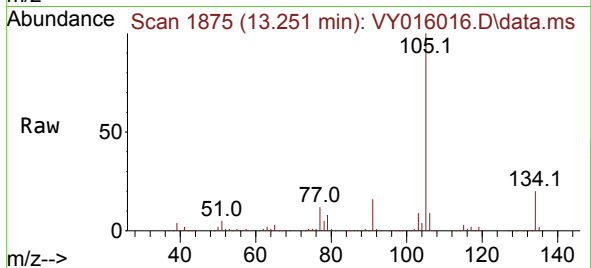
ClientSampleId :

Tgt Ion:105 Resp: 265727

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.458 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

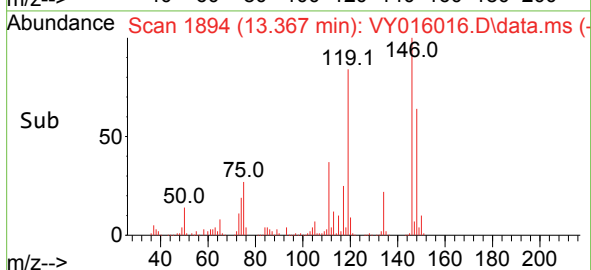
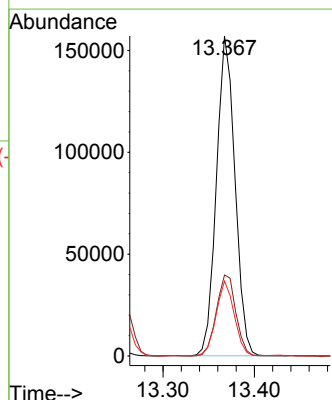
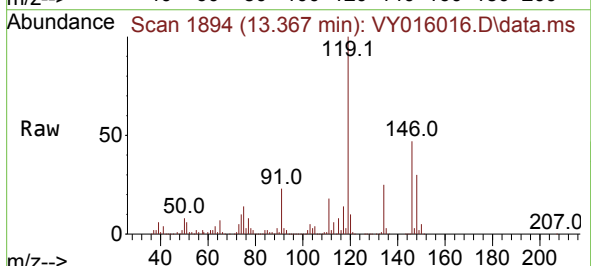
Tgt Ion:119 Resp: 221352

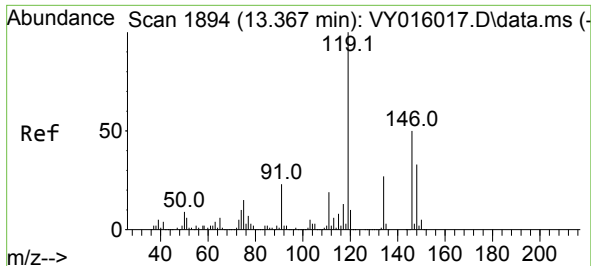
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 22.9 12.4 37.4

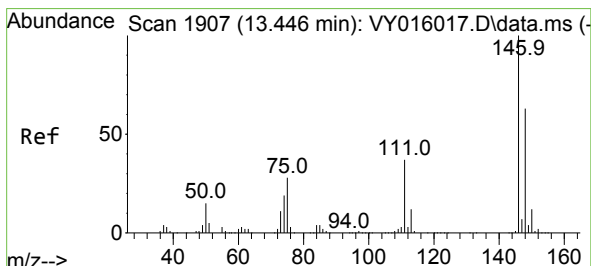
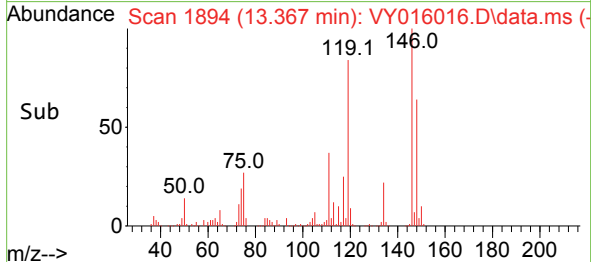
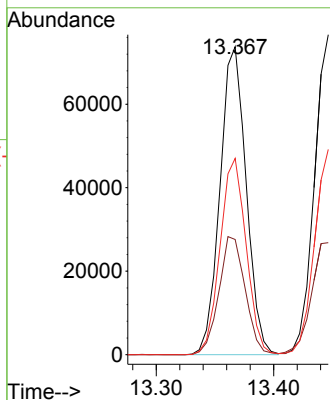
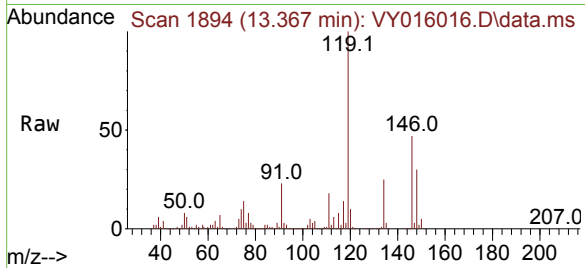




#87
1,3-Dichlorobenzene
Concen: 20.257 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

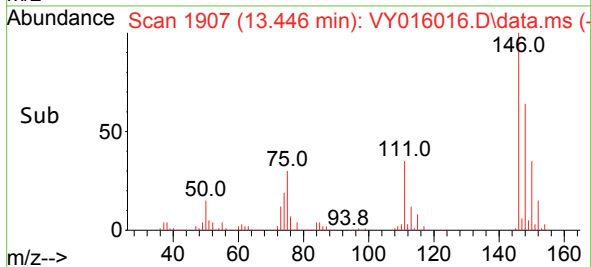
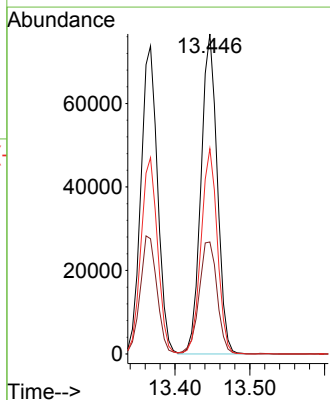
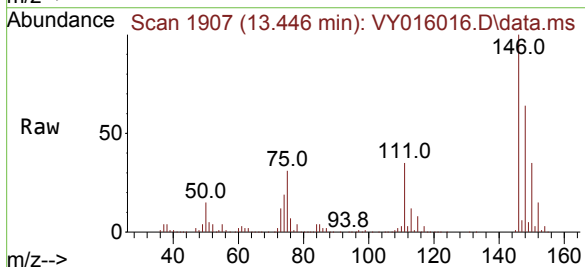
Instrument :
MSVOA_Y
ClientSampleId :

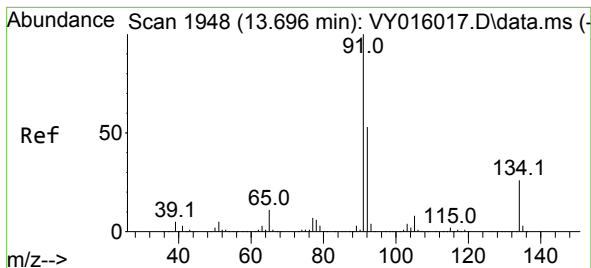
Tgt Ion:146 Resp: 114179
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.2
148 63.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.390 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY016016.D
Acq: 18 Oct 2023 12:17

Tgt Ion:146 Resp: 115715
Ion Ratio Lower Upper
146 100
111 39.0 18.9 56.7
148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 20.508 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

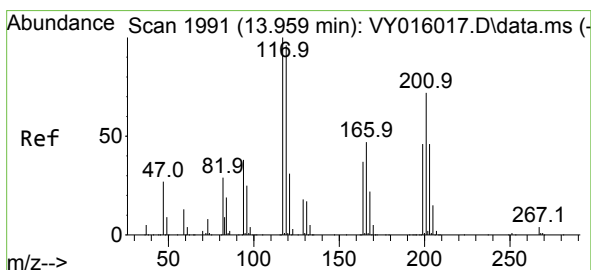
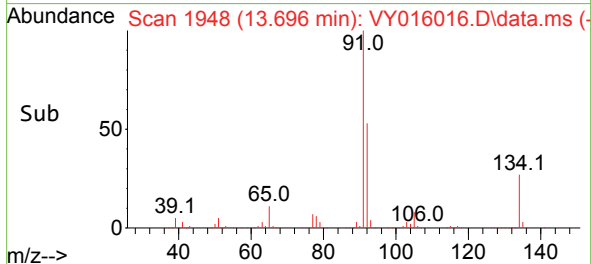
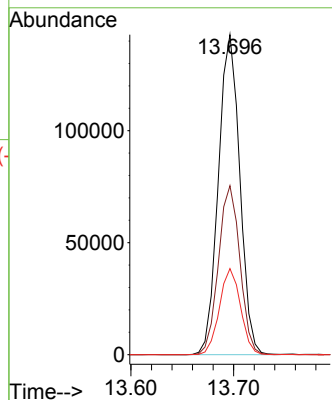
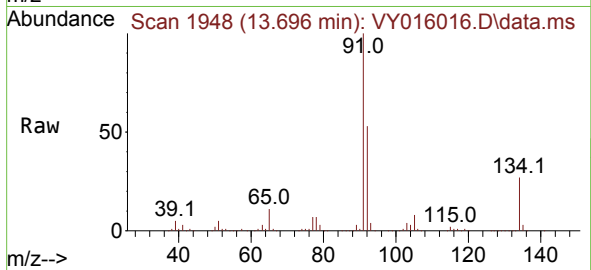
Tgt Ion: 91 Resp: 206568

Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 20.226 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY016016.D

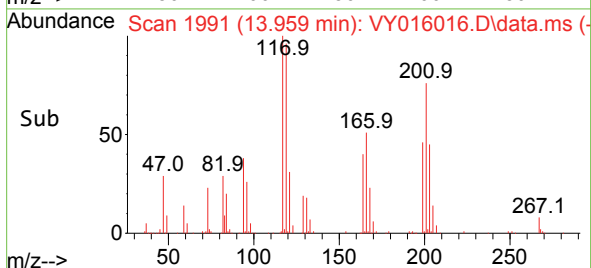
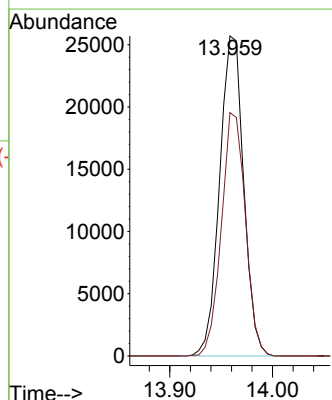
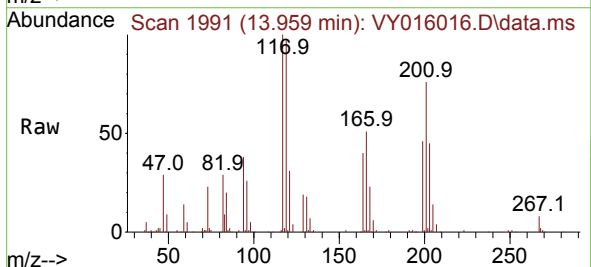
Acq: 18 Oct 2023 12:17

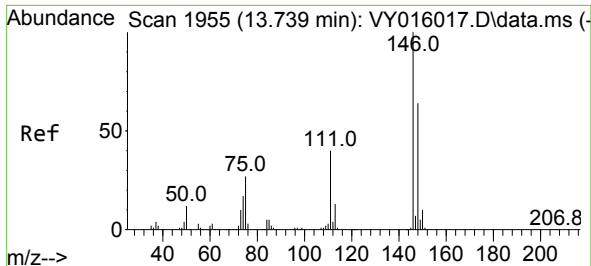
Tgt Ion: 117 Resp: 41717

Ion Ratio Lower Upper

117 100

201 75.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.163 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

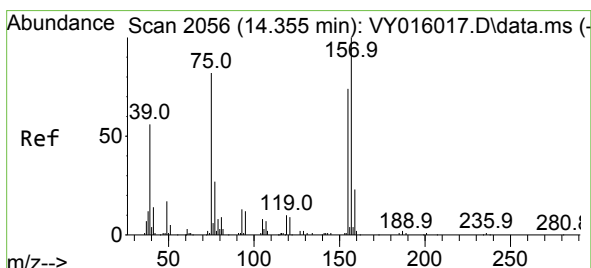
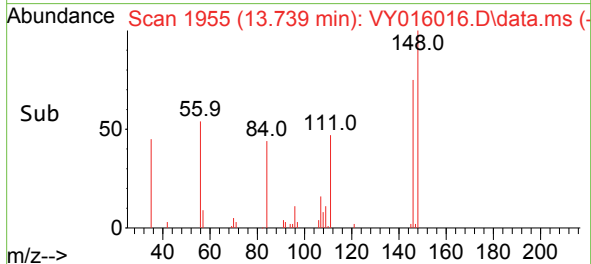
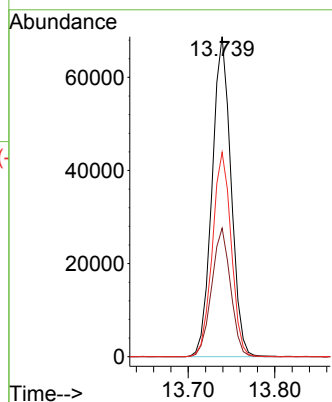
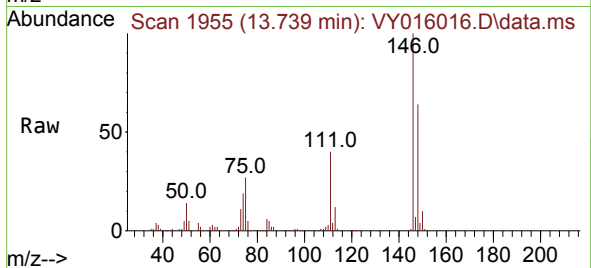
Tgt Ion:146 Resp: 104347

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.338 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

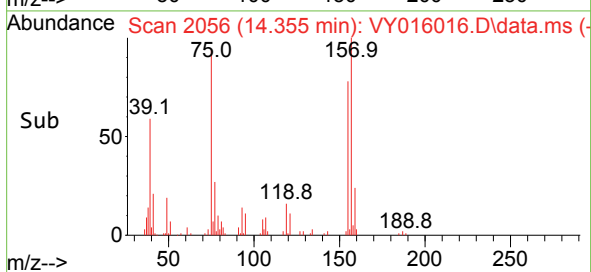
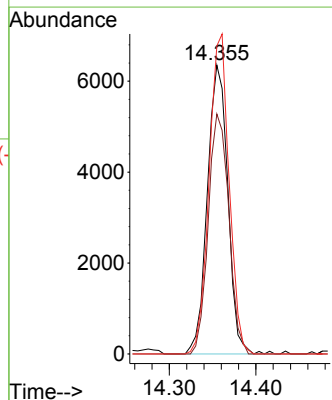
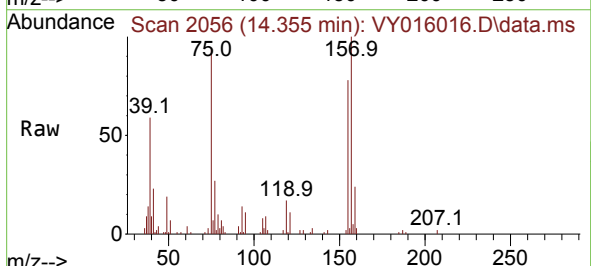
Tgt Ion: 75 Resp: 10435

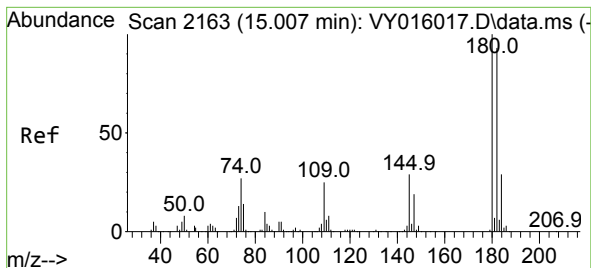
Ion Ratio Lower Upper

75 100

155 83.4 41.5 124.6

157 108.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.642 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

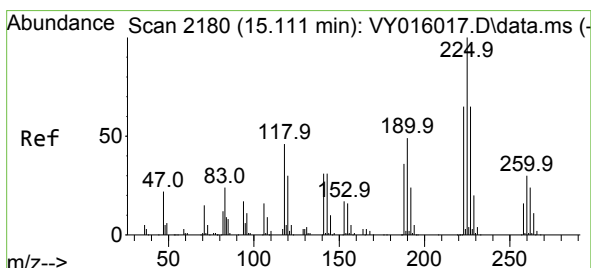
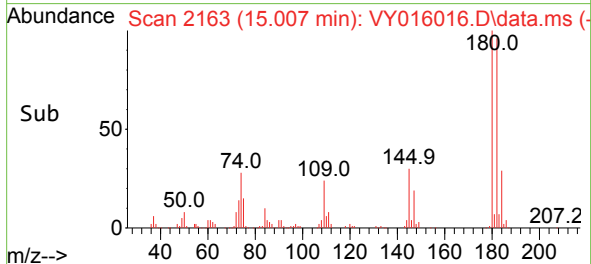
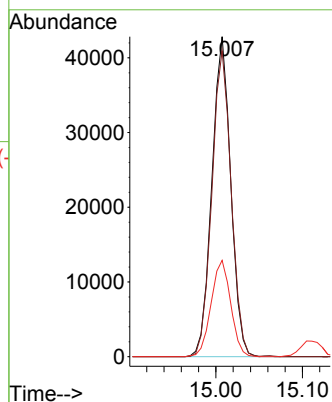
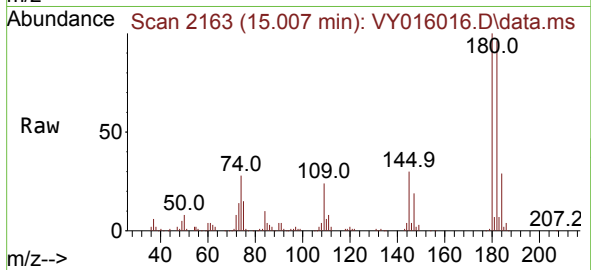
Tgt Ion:180 Resp: 64756

Ion Ratio Lower Upper

180 100

182 97.2 47.0 141.2

145 31.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.620 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

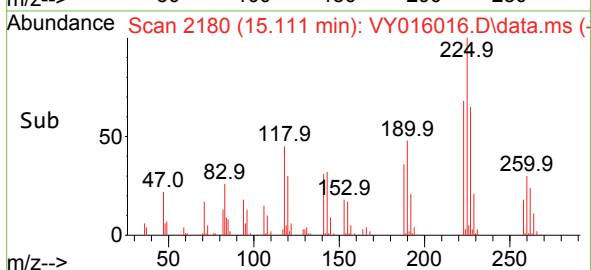
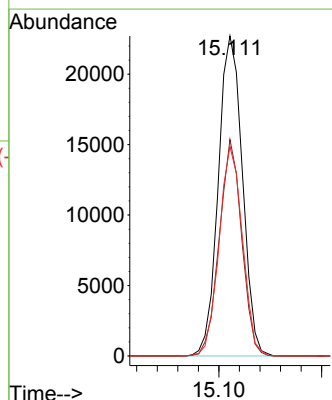
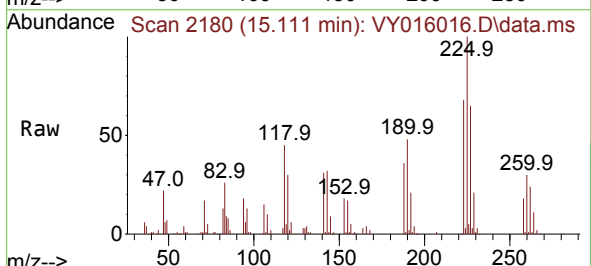
Tgt Ion:225 Resp: 36925

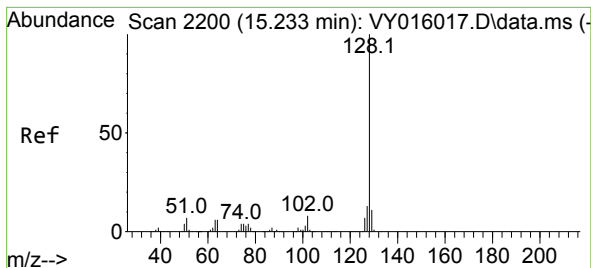
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

227 63.3 33.0 98.9





#95

Naphthalene

Concen: 17.972 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY016016.D

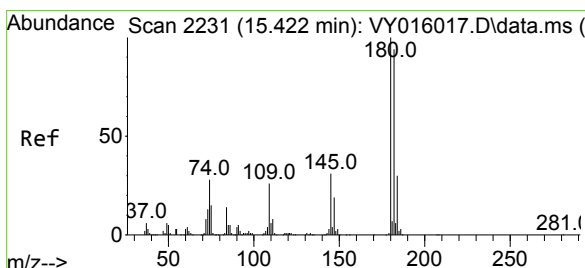
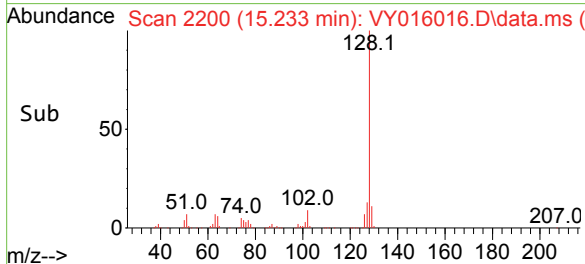
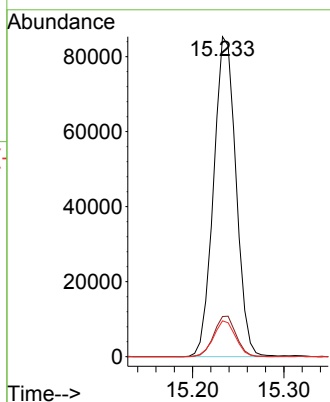
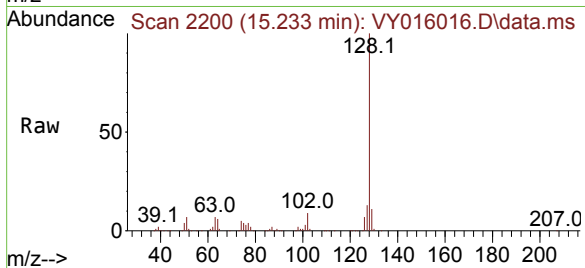
Acq: 18 Oct 2023 12:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 145427
Ion Ratio	Lower Upper
128 100	
127 12.6	10.8 16.2
129 11.1	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.330 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY016016.D

Acq: 18 Oct 2023 12:17

Tgt Ion:180	Resp: 58211
Ion Ratio	Lower Upper
180 100	
182 95.8	47.3 141.8
145 32.4	15.4 46.2

