

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016199.D
 Acq On : 02 Nov 2023 18:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 03:20:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	163986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	267490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	233629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	110890	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	83623	54.496	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.000%	
35) Dibromofluoromethane	7.734	113	78091	48.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.940%	
50) Toluene-d8	10.191	98	327357	51.775	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	12.489	95	109414	50.607	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	46653	44.599	ug/l	99
3) Chloromethane	2.119	50	63098	43.567	ug/l	100
4) Vinyl Chloride	2.260	62	69023	46.175	ug/l	99
5) Bromomethane	2.662	94	46380	45.976	ug/l	98
6) Chloroethane	2.808	64	46301	43.997	ug/l	97
7) Trichlorofluoromethane	3.137	101	103697	45.951	ug/l	98
8) Diethyl Ether	3.540	74	35681	47.705	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.918	101	63439	44.623	ug/l	96
10) Methyl Iodide	4.113	142	74282	46.988	ug/l	97
11) Tert butyl alcohol	4.966	59	28966	252.652	ug/l #	80
12) 1,1-Dichloroethene	3.887	96	57812	44.553	ug/l	90
13) Acrolein	3.747	56	24465	231.621	ug/l	100
14) Allyl chloride	4.503	41	91847	49.486	ug/l	94
15) Acrylonitrile	5.180	53	80848	252.961	ug/l	99
16) Acetone	3.967	43	55396	224.184	ug/l	92
17) Carbon Disulfide	4.217	76	143818	44.394	ug/l	99
18) Methyl Acetate	4.491	43	64664	52.401	ug/l #	90
19) Methyl tert-butyl Ether	5.247	73	181875	49.276	ug/l	97
20) Methylene Chloride	4.735	84	75983	48.599	ug/l	89
21) trans-1,2-Dichloroethene	5.241	96	69870	46.227	ug/l	95
22) Diisopropyl ether	6.137	45	217478	48.445	ug/l #	87
23) Vinyl Acetate	6.076	43	540266	245.116	ug/l #	94
24) 1,1-Dichloroethane	6.039	63	126978	47.261	ug/l	97
25) 2-Butanone	7.003	43	101136	238.897	ug/l	94
26) 2,2-Dichloropropane	6.997	77	113379	44.641	ug/l	96
27) cis-1,2-Dichloroethene	7.003	96	84430	47.466	ug/l	92
28) Bromochloromethane	7.350	49	54553	54.260	ug/l	89
29) Tetrahydrofuran	7.362	42	68678	258.794	ug/l	90
30) Chloroform	7.521	83	137095	46.868	ug/l	94
31) Cyclohexane	7.801	56	102975	43.655	ug/l	90
32) 1,1,1-Trichloroethane	7.716	97	121487	45.287	ug/l	98
36) 1,1-Dichloropropene	7.935	75	97437	42.314	ug/l	98
37) Ethyl Acetate	7.088	43	48935	47.712	ug/l #	96
38) Carbon Tetrachloride	7.917	117	107952	47.319	ug/l	100
39) Methylcyclohexane	9.197	83	119115	43.335	ug/l	93
40) Benzene	8.173	78	294657	44.571	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	23698	39.806	ug/l	90
42) 1,2-Dichloroethane	8.252	62	85229	46.198	ug/l	95
43) Isopropyl Acetate	8.283	43	99113	48.854	ug/l	93
44) Trichloroethene	8.954	130	84180	43.513	ug/l	97
45) 1,2-Dichloropropane	9.228	63	74106	46.598	ug/l	97
46) Dibromomethane	9.319	93	41938	46.487	ug/l	99
47) Bromodichloromethane	9.508	83	105232	45.910	ug/l	99
48) Methyl methacrylate	9.307	41	42663	46.246	ug/l	88
49) 1,4-Dioxane	9.313	88	9845	906.446	ug/l #	52
51) 4-Methyl-2-Pentanone	10.081	43	251980	248.923	ug/l	92
52) Toluene	10.258	92	193626	45.199	ug/l	94
53) t-1,3-Dichloropropene	10.478	75	107185	46.842	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	122727	45.708	ug/l	92
55) 1,1,2-Trichloroethane	10.654	97	59490	46.879	ug/l	98
56) Ethyl methacrylate	10.520	69	80317	48.734	ug/l #	86
57) 1,3-Dichloropropane	10.801	76	100146	46.357	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.795	63	208302	260.653	ug/l	93
59) 2-Hexanone	10.843	43	172425	248.567	ug/l	90
60) Dibromochloromethane	10.996	129	74105	46.547	ug/l	99
61) 1,2-Dibromoethane	11.099	107	56319	46.659	ug/l	100
64) Tetrachloroethene	10.734	164	86195	41.478	ug/l	97
65) Chlorobenzene	11.526	112	209626	45.162	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	79570	46.283	ug/l	99
67) Ethyl Benzene	11.605	91	371537	44.752	ug/l	99
68) m/p-Xylenes	11.715	106	285186	88.896	ug/l	95
69) o-Xylene	12.038	106	137469	44.880	ug/l	96
70) Styrene	12.057	104	229918	45.153	ug/l	96
71) Bromoform	12.221	173	45648	47.861	ug/l #	98
73) Isopropylbenzene	12.343	105	363615	43.714	ug/l	99
74) N-amyl acetate	12.154	43	86513	47.861	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	62648	47.331	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	86247	82.591	ug/l #	100
77) Bromobenzene	12.617	156	84057	44.628	ug/l	95
78) n-propylbenzene	12.678	91	432906	44.020	ug/l	100
79) 2-Chlorotoluene	12.770	91	242210	44.159	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	294408	43.687	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.386	75	22969	47.691	ug/l	91
82) 4-Chlorotoluene	12.867	91	250268	44.434	ug/l	99
83) tert-Butylbenzene	13.087	119	265934	44.103	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	293939	44.080	ug/l	98
85) sec-Butylbenzene	13.264	105	392072	44.301	ug/l	100
86) p-Isopropyltoluene	13.380	119	324032	44.176	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	166570	44.716	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	165885	45.057	ug/l	100
89) n-Butylbenzene	13.703	91	301051	44.668	ug/l	97
90) Hexachloroethane	13.971	117	58836	46.546	ug/l	93
91) 1,2-Dichlorobenzene	13.751	146	145602	45.239	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10095	42.616	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	86959	43.775	ug/l	99
94) Hexachlorobutadiene	15.117	225	49217	45.340	ug/l	96
95) Naphthalene	15.245	128	175393	45.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	74970	44.180	ug/l	99

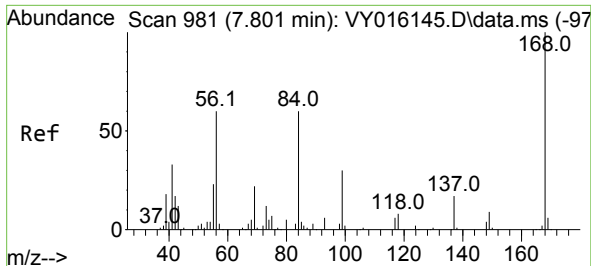
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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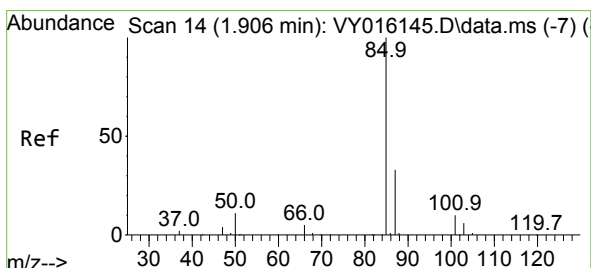
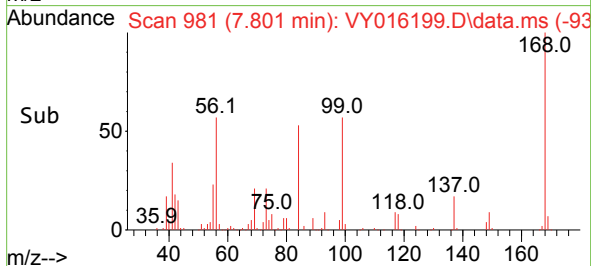
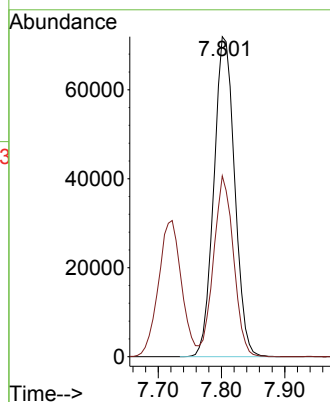
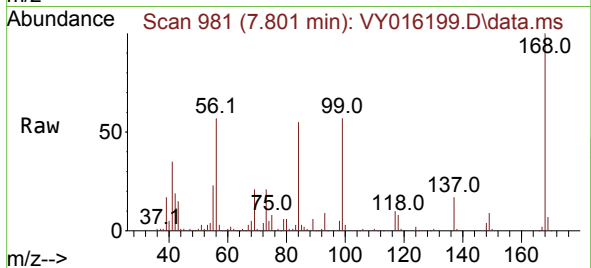
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

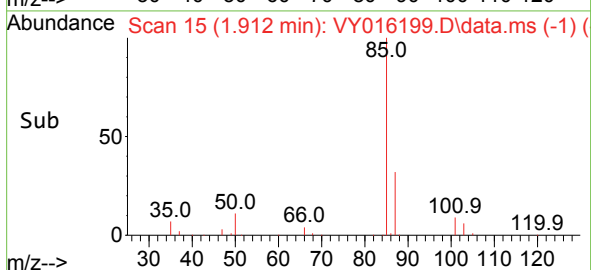
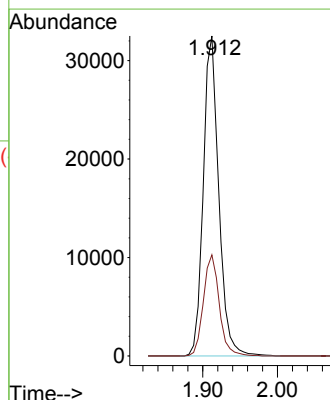
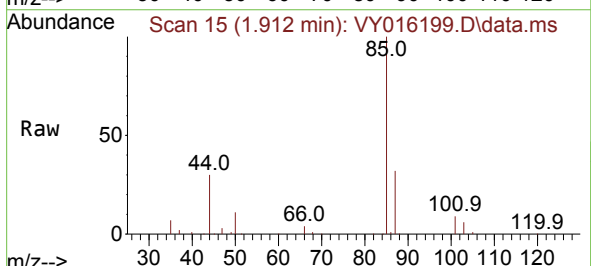
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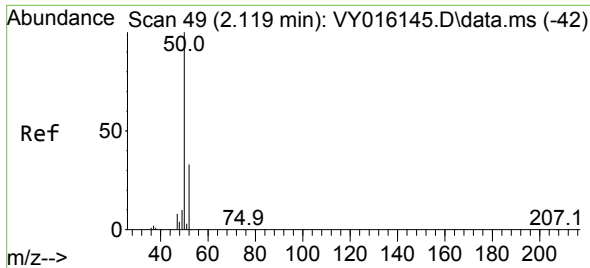
Tgt Ion:168 Resp: 163986
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.599 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion: 85 Resp: 46653
Ion Ratio Lower Upper
85 100
87 31.6 15.6 46.8

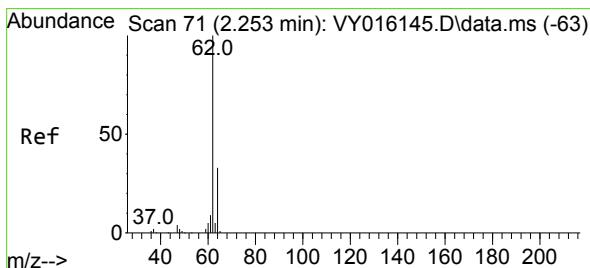
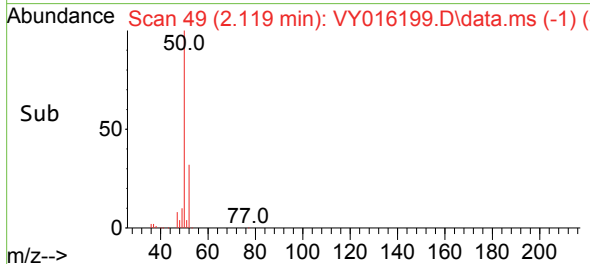
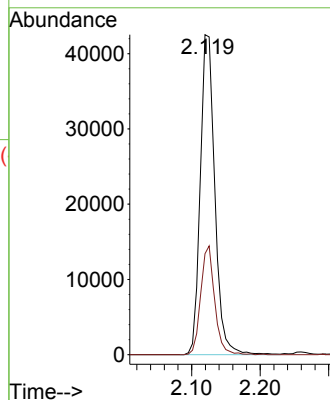
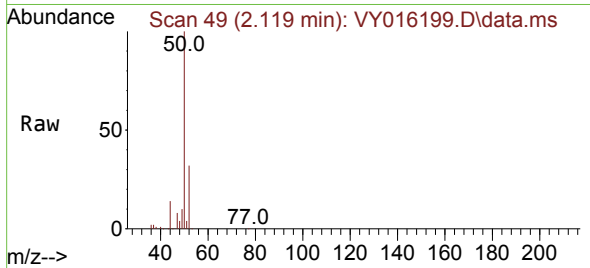




#3
Chloromethane
Concen: 43.567 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

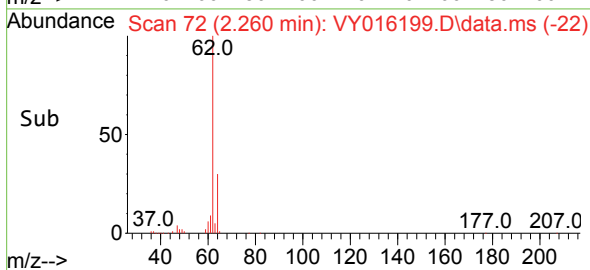
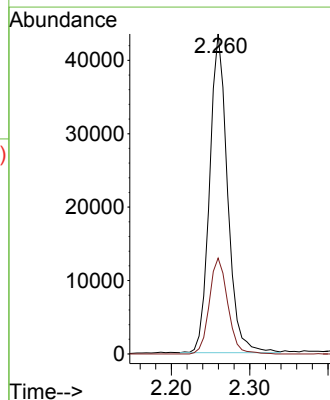
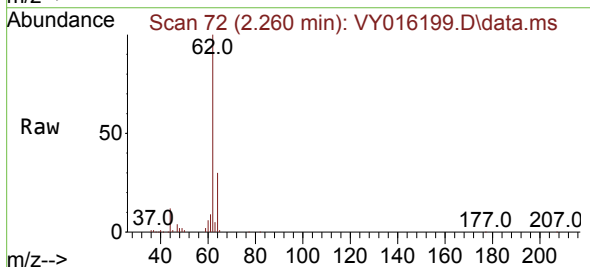
Instrument :
MSVOA_Y
ClientSampleId :

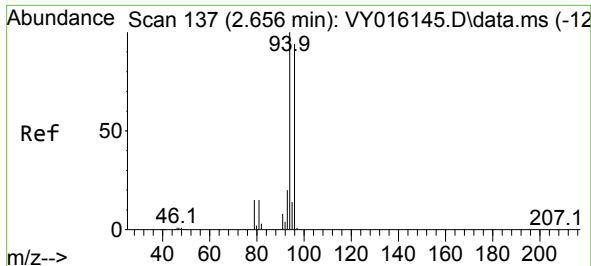
Tgt Ion: 50 Resp: 63098
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.2



#4
Vinyl Chloride
Concen: 46.175 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion: 62 Resp: 69023
Ion Ratio Lower Upper
62 100
64 30.1 24.3 36.5





#5

Bromomethane

Concen: 45.976 ug/l

RT: 2.662 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

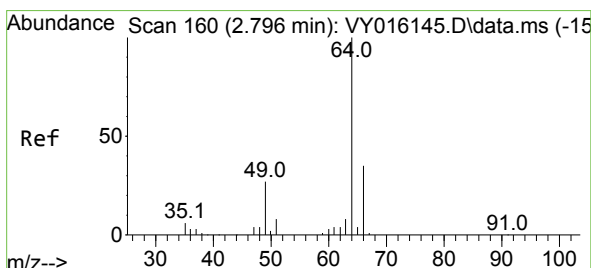
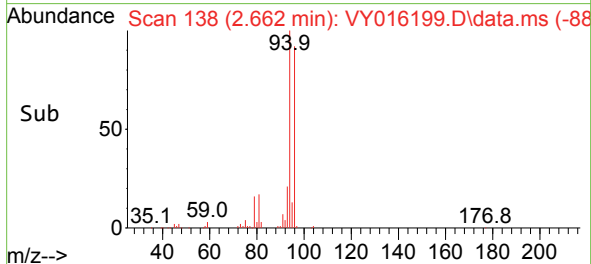
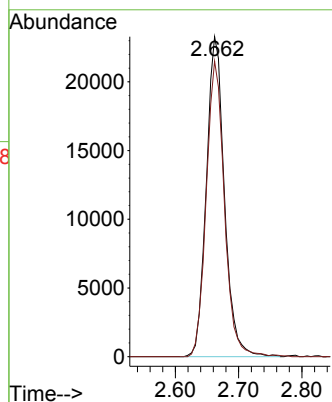
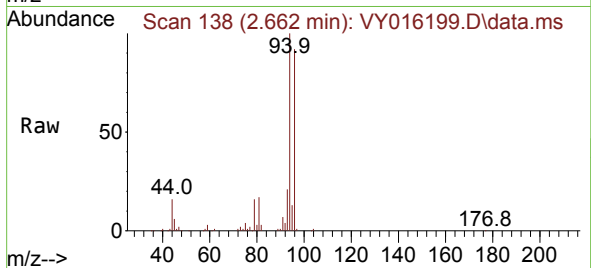
ClientSampleId :

Tgt Ion: 94 Resp: 46380

Ion Ratio Lower Upper

94 100

96 92.3 75.8 113.6



#6

Chloroethane

Concen: 43.997 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.012 min

Lab File: VY016199.D

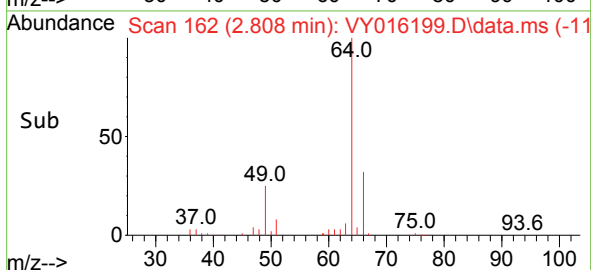
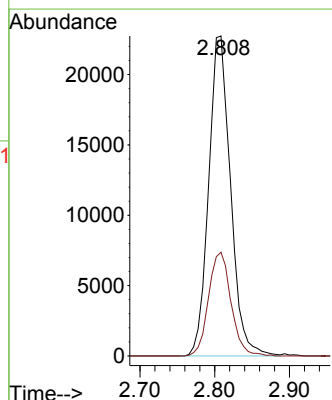
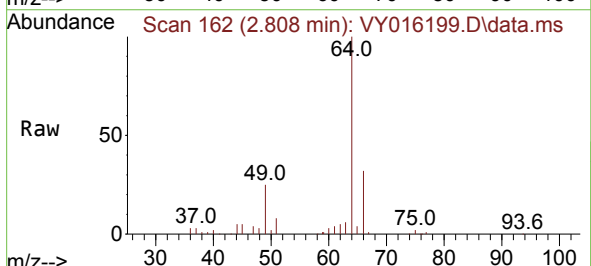
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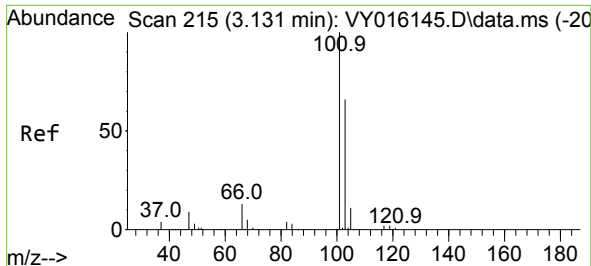
Tgt Ion: 64 Resp: 46301

Ion Ratio Lower Upper

64 100

66 32.4 24.4 36.6

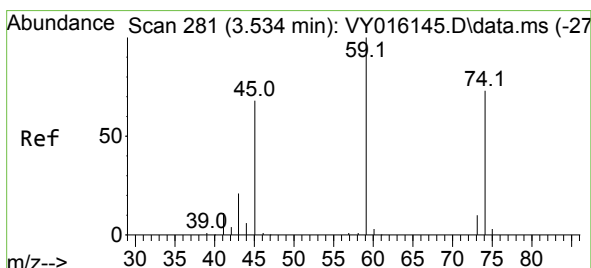
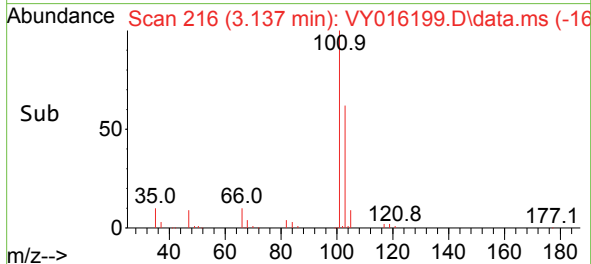
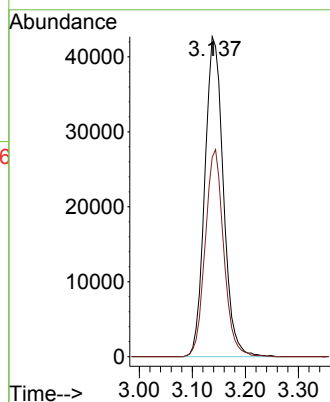
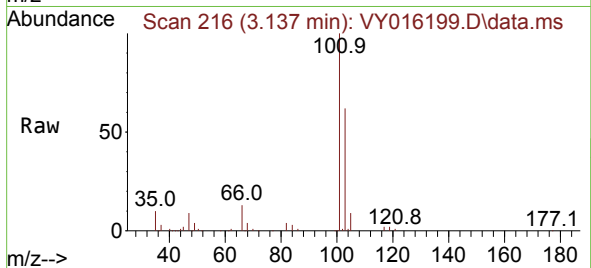




#7
Trichlorofluoromethane
Concen: 45.951 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

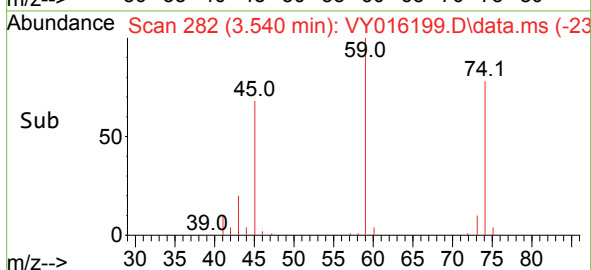
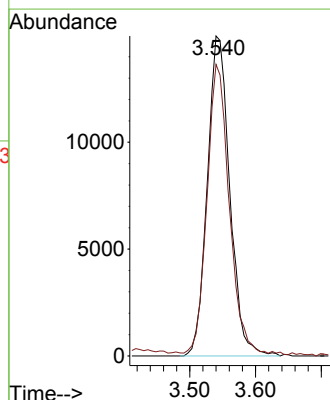
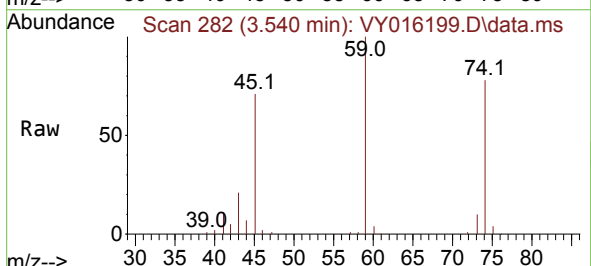
Instrument :
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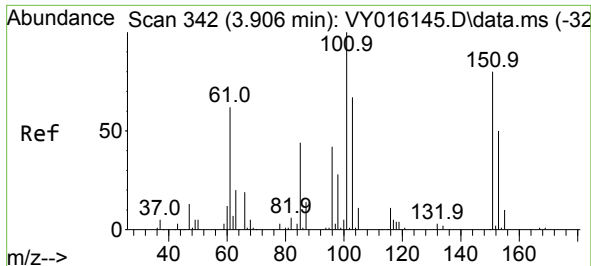
Tgt Ion:101 Resp: 103697
Ion Ratio Lower Upper
101 100
103 62.3 51.4 77.0



#8
Diethyl Ether
Concen: 47.705 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion: 74 Resp: 35681
Ion Ratio Lower Upper
74 100
45 88.3 51.5 154.5

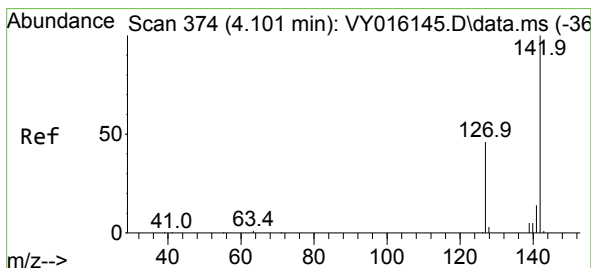
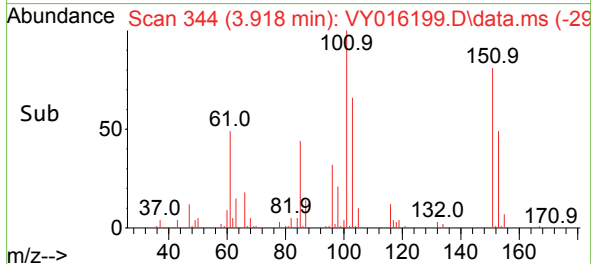
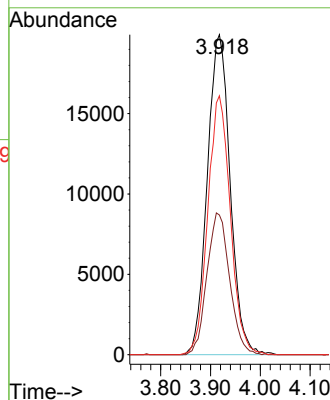
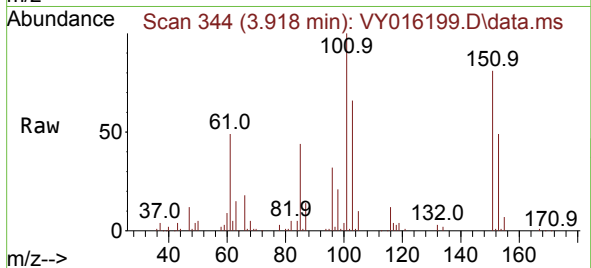




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.623 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY016199.D
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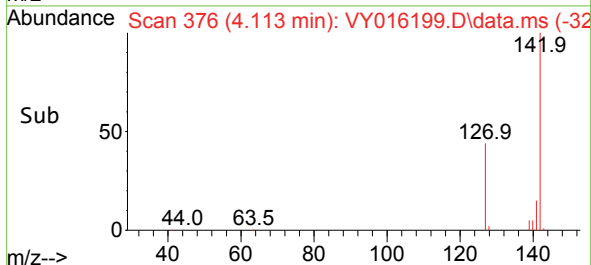
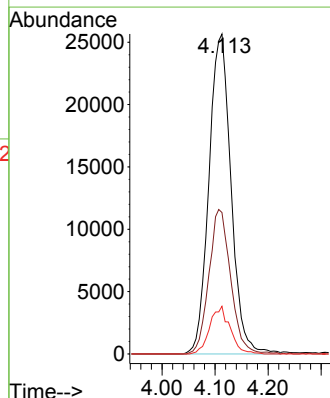
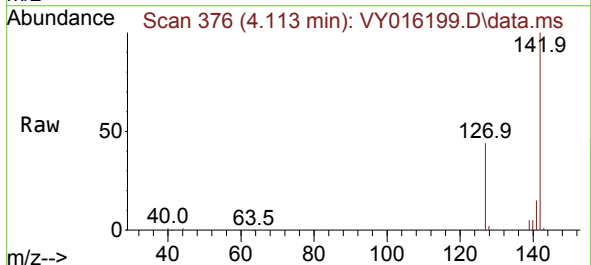
Instrument :
MSVOA_Y
ClientSampleId :

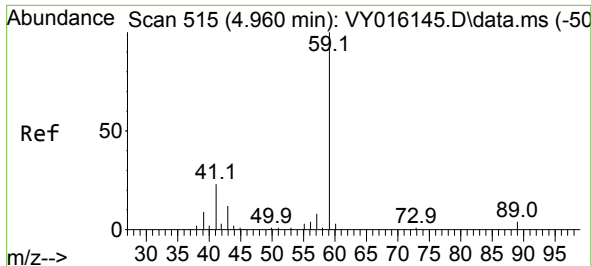
Tgt Ion:101 Resp: 63439
Ion Ratio Lower Upper
101 100
85 44.0 36.6 55.0
151 79.7 67.0 100.6



#10
Methyl Iodide
Concen: 46.988 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion:142 Resp: 74282
Ion Ratio Lower Upper
142 100
127 44.5 37.6 56.4
141 13.7 11.8 17.8





#11

Tert butyl alcohol

Concen: 252.652 ug/l

RT: 4.966 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

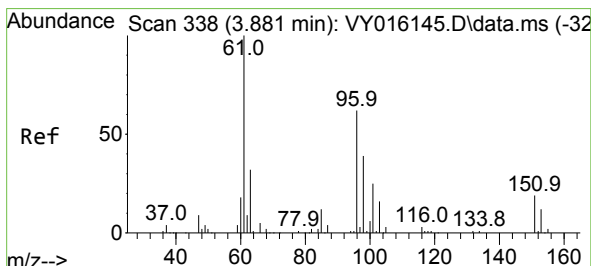
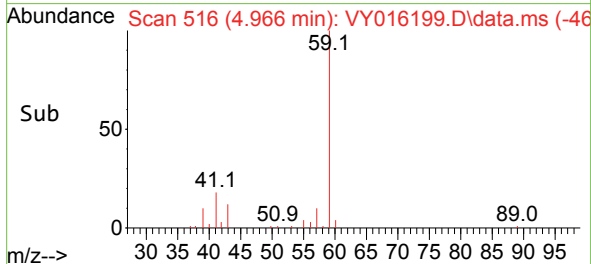
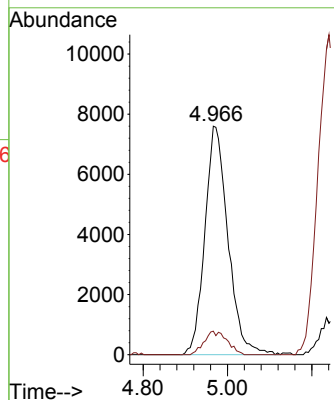
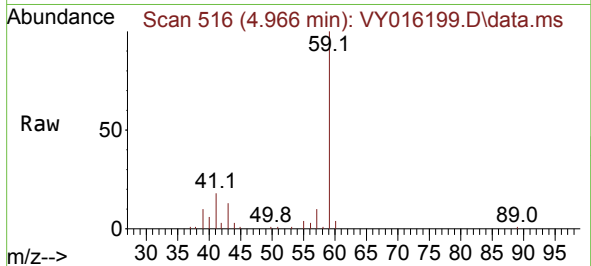
ClientSampleId :

Tgt Ion: 59 Resp: 28966

Ion Ratio Lower Upper

59 100

57 10.2 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 44.553 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

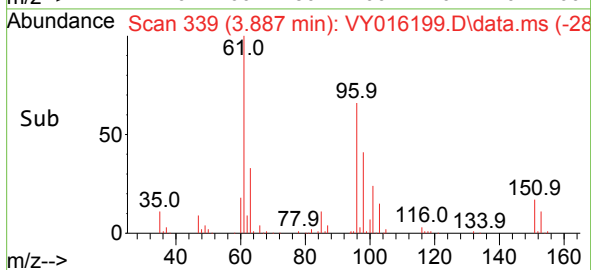
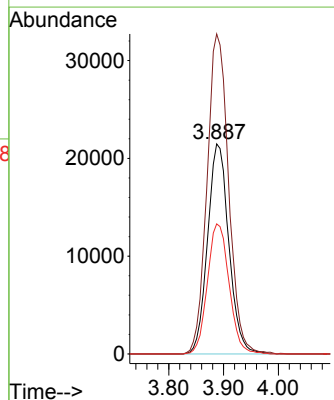
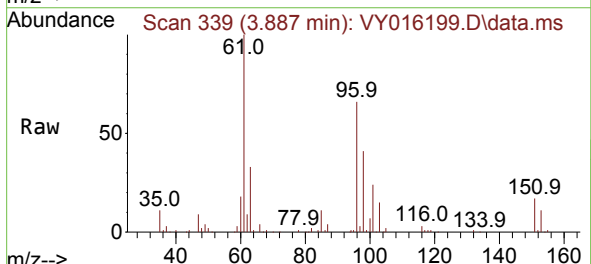
Tgt Ion: 96 Resp: 57812

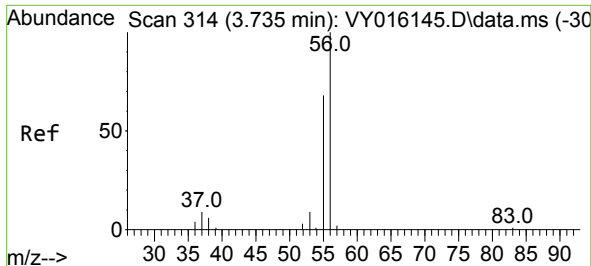
Ion Ratio Lower Upper

96 100

61 152.3 136.4 204.6

98 61.9 49.4 74.2





#13

Acrolein

Concen: 231.621 ug/l

RT: 3.747 min Scan# 314

Delta R.T. 0.012 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

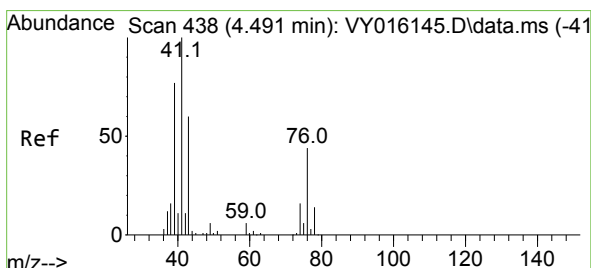
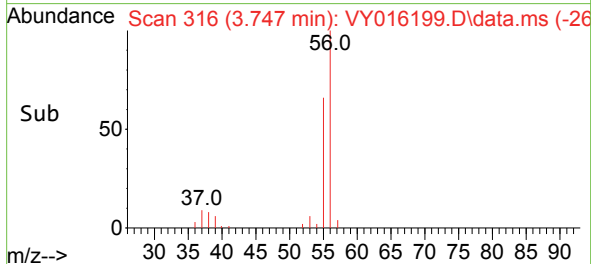
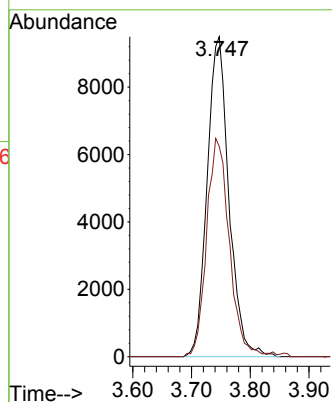
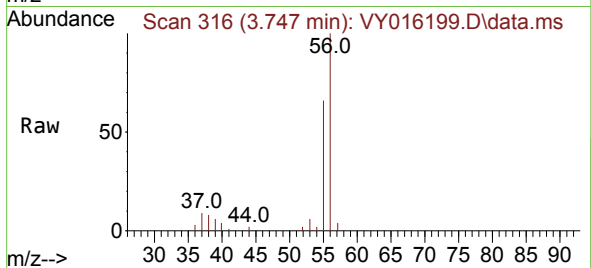
ClientSampleId :

Tgt Ion: 56 Resp: 24465

Ion Ratio Lower Upper

56 100

55 70.9 57.0 85.4



#14

Allyl chloride

Concen: 49.486 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.012 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

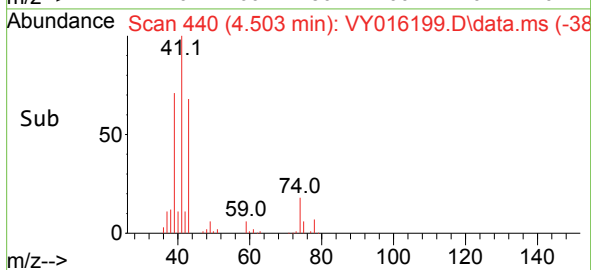
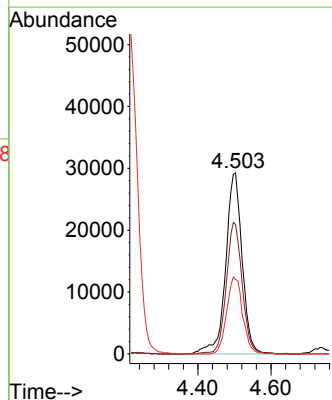
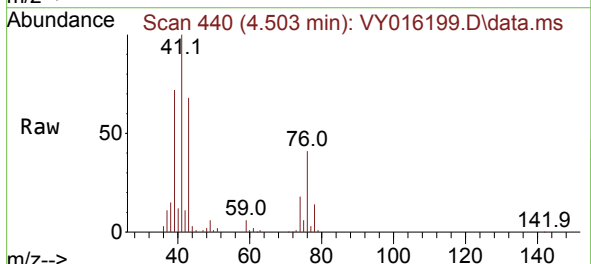
Tgt Ion: 41 Resp: 91847

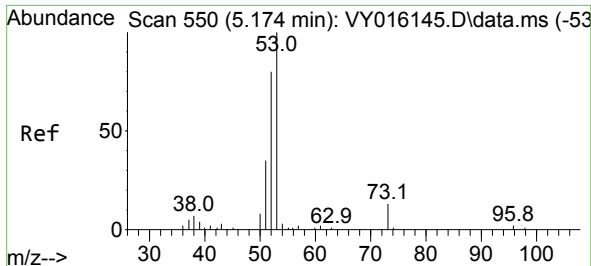
Ion Ratio Lower Upper

41 100

39 70.1 58.0 87.0

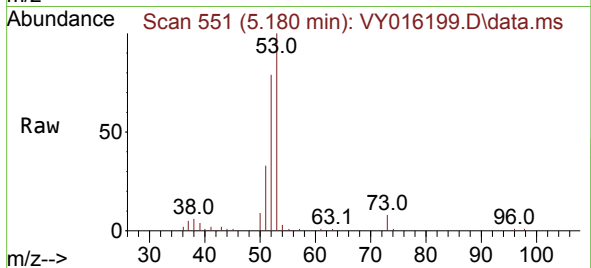
76 41.0 27.4 41.2



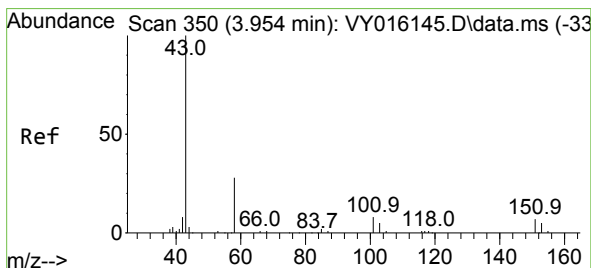
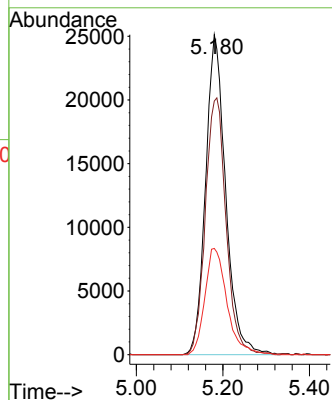
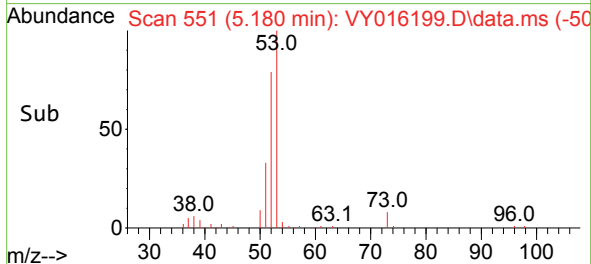


#15
Acrylonitrile
Concen: 252.961 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Instrument :
MSVOA_Y
ClientSampleId :

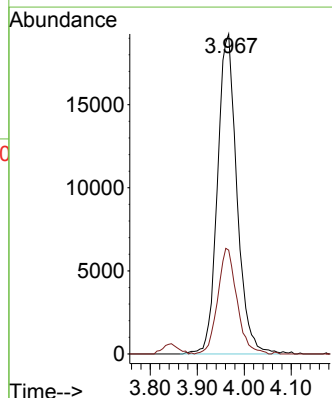
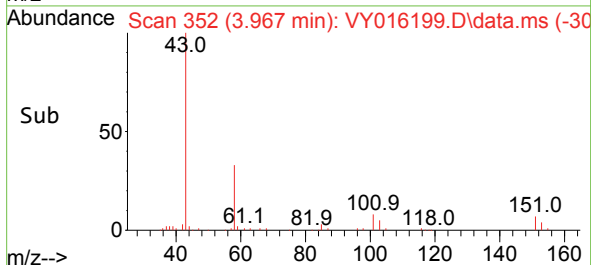
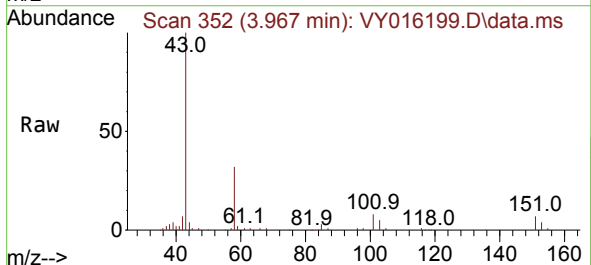


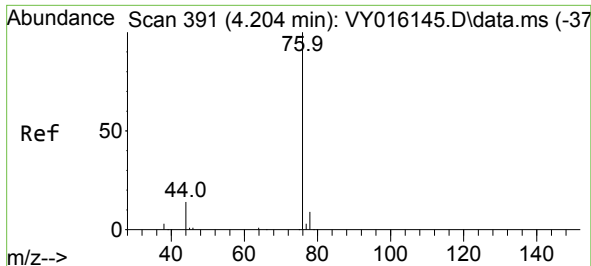
Tgt Ion:	53	Resp:	80848
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.9	100.3
51	36.6	29.8	44.6



#16
Acetone
Concen: 224.184 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion:	43	Resp:	55396
Ion	Ratio	Lower	Upper
43	100		
58	32.4	22.7	34.1





#17

Carbon Disulfide

Concen: 44.394 ug/l

RT: 4.217 min Scan# 391

Delta R.T. 0.013 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

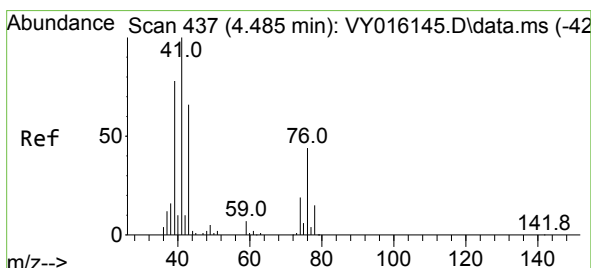
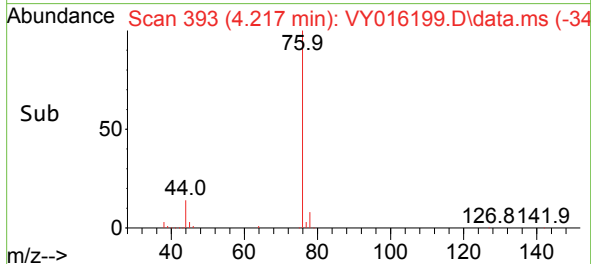
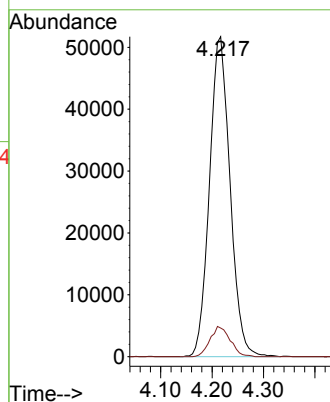
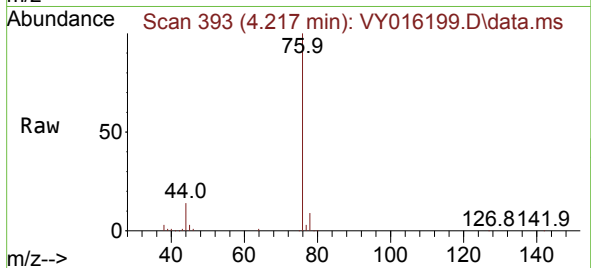
ClientSampleId :

Tgt Ion: 76 Resp: 143818

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



#18

Methyl Acetate

Concen: 52.401 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY016199.D

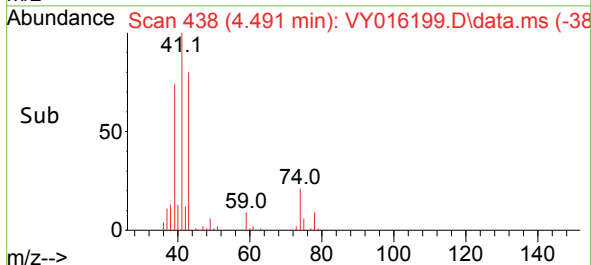
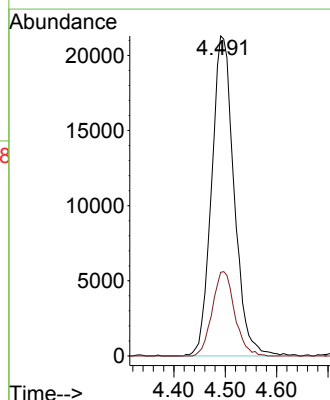
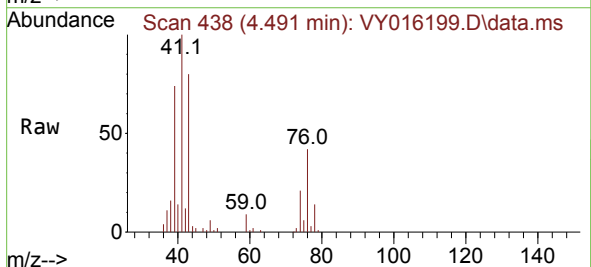
Acq: 02 Nov 2023 18:40

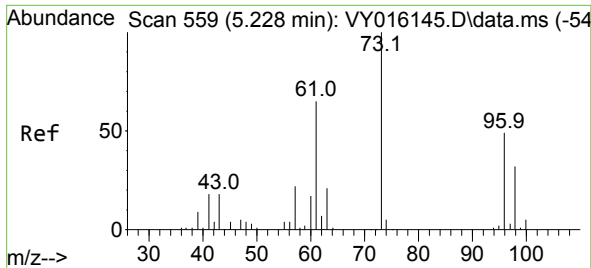
Tgt Ion: 43 Resp: 64664

Ion Ratio Lower Upper

43 100

74 26.3 17.4 26.0#

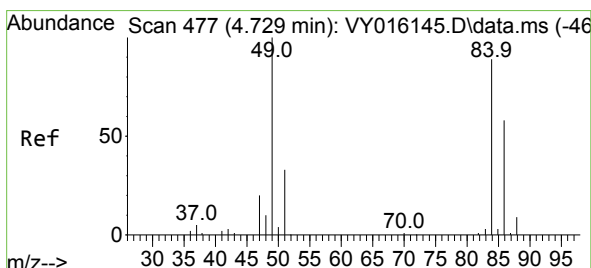
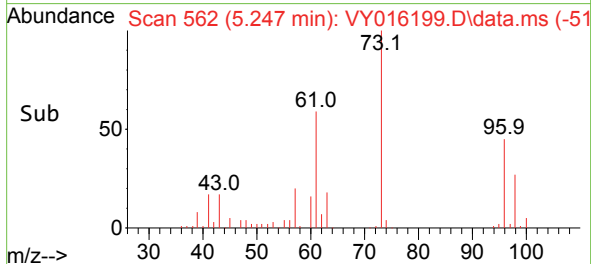
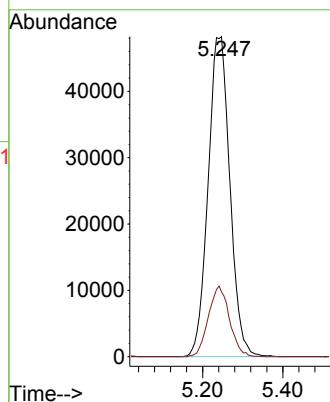
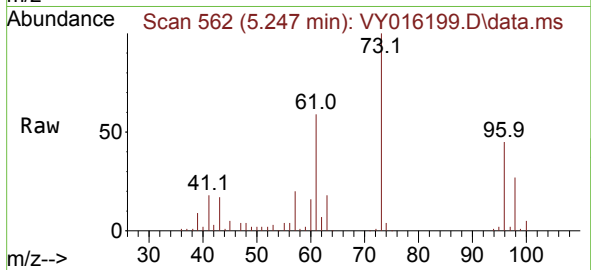




#19
Methyl tert-butyl Ether
Concen: 49.276 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

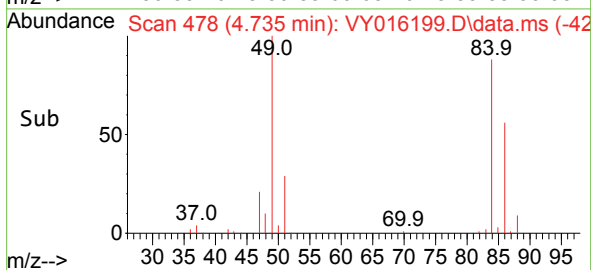
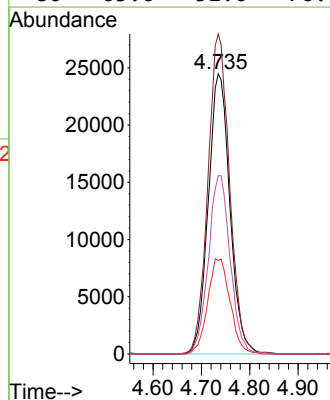
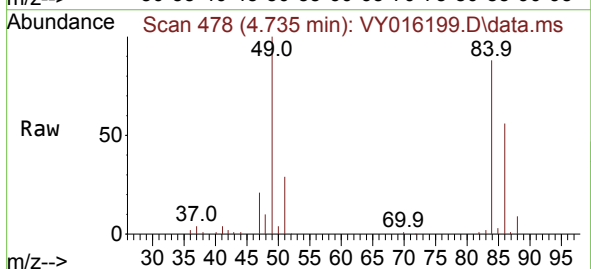
Instrument :
MSVOA_Y
ClientSampleId :

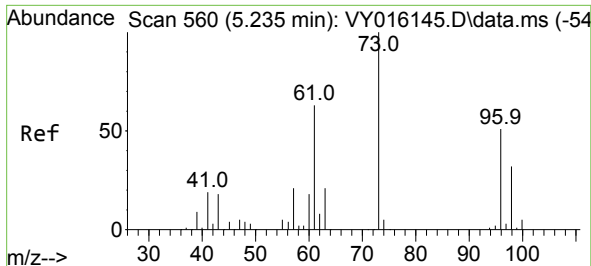
Tgt Ion: 73 Resp: 181875
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#20
Methylene Chloride
Concen: 48.599 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion: 84 Resp: 75983
Ion Ratio Lower Upper
84 100
49 114.2 106.9 160.3
51 33.4 33.2 49.8
86 63.6 51.0 76.6

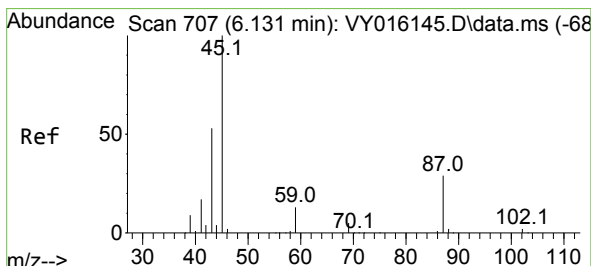
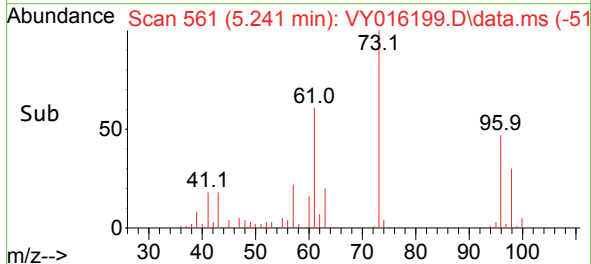
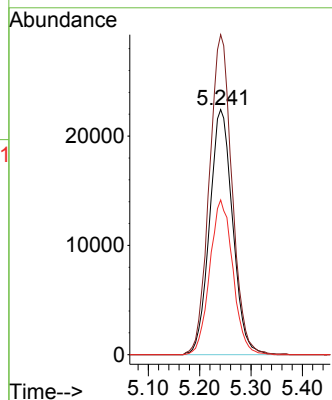
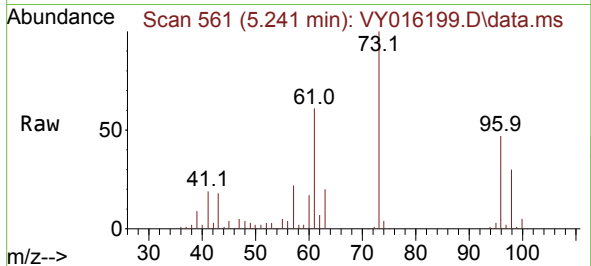




#21
trans-1,2-Dichloroethene
Concen: 46.227 ug/l
RT: 5.241 min Scan# 501
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

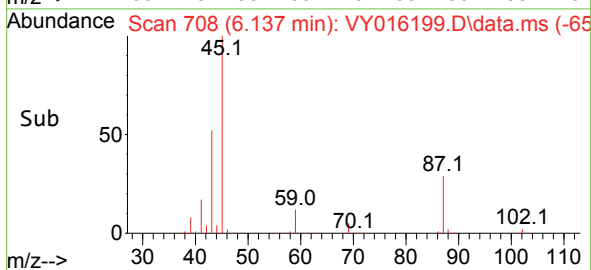
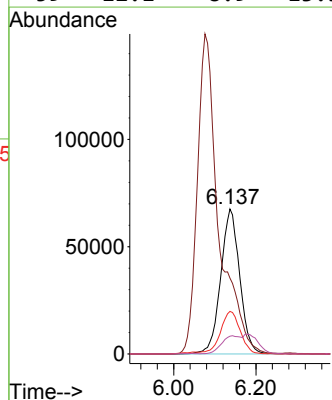
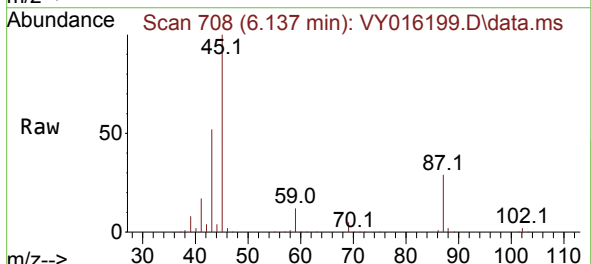
Instrument :
MSVOA_Y
ClientSampleId :

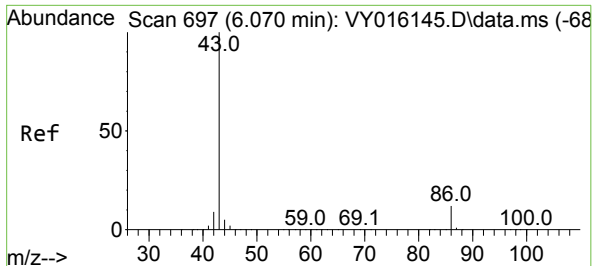
Tgt Ion: 96 Resp: 69870
Ion Ratio Lower Upper
96 100
61 130.6 110.2 165.4
98 63.1 51.8 77.6



#22
Diisopropyl ether
Concen: 48.445 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion: 45 Resp: 217478
Ion Ratio Lower Upper
45 100
43 51.9 52.2 78.4#
87 29.4 21.0 31.6
59 12.1 8.9 13.3

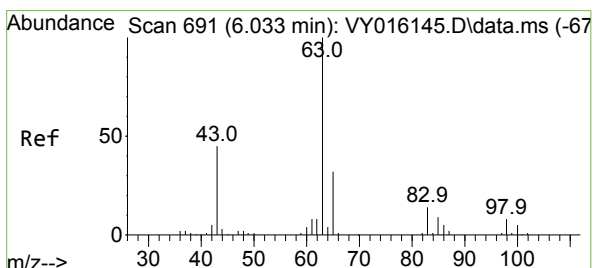
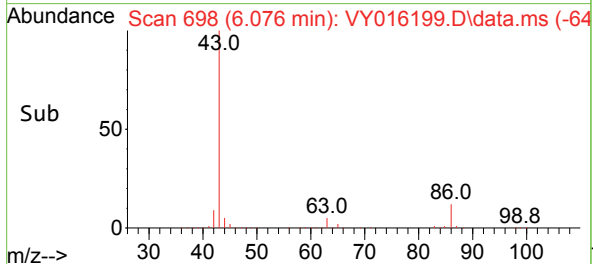
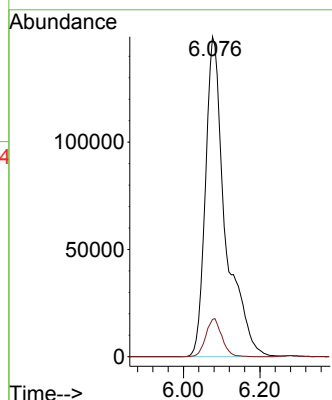
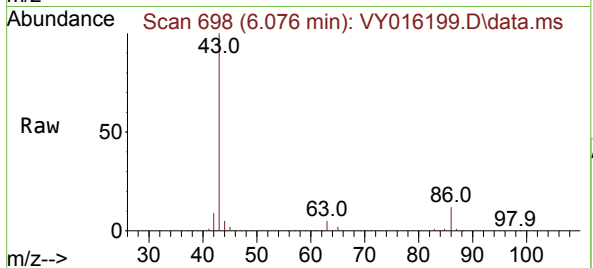




#23
 Vinyl Acetate
 Concen: 245.116 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY016199.D
 Acq: 02 Nov 2023 18:40

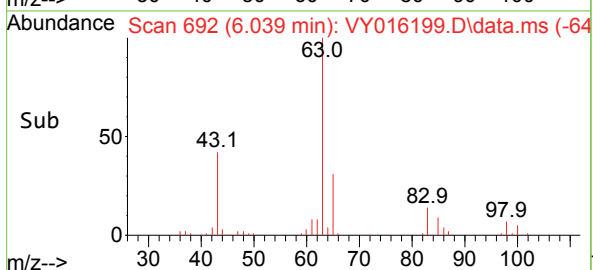
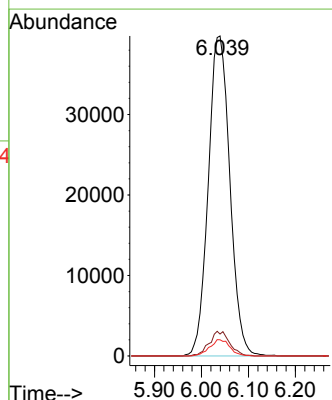
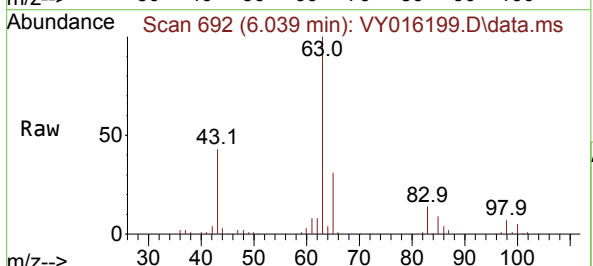
Instrument :
 MSVOA_Y
 ClientSampleId :

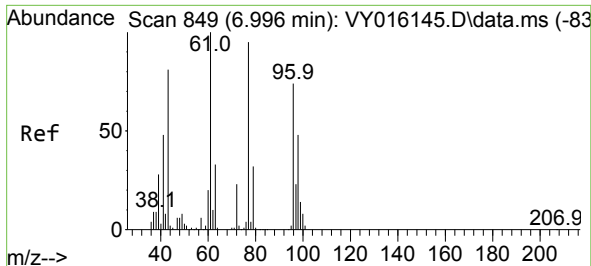
Tgt Ion: 43 Resp: 540266
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 47.261 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016199.D
 Acq: 02 Nov 2023 18:40

Tgt Ion: 63 Resp: 126978
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 5.0 1.8 5.5

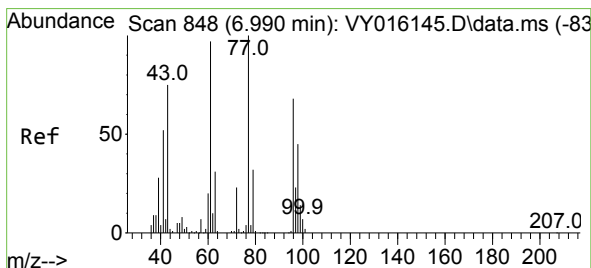
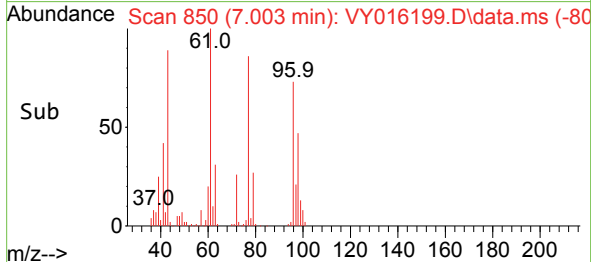
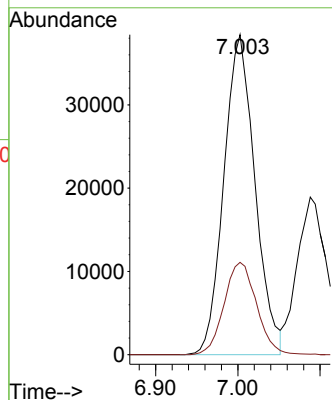
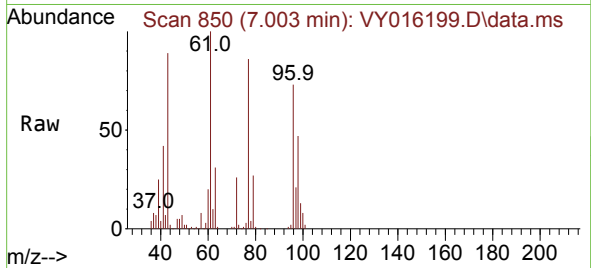




#25
2-Butanone
Concen: 238.897 ug/l
RT: 7.003 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

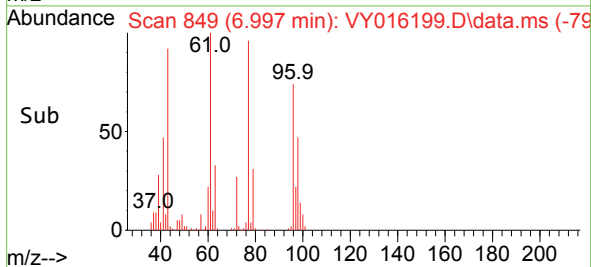
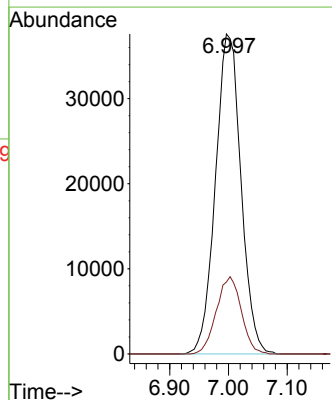
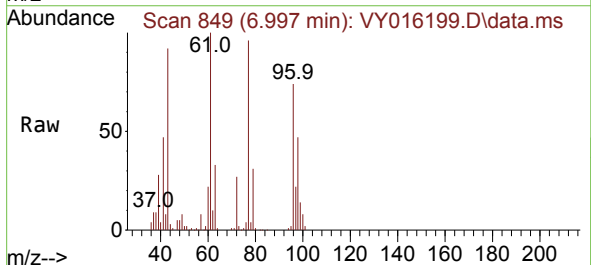
Instrument :
MSVOA_Y
ClientSampleId :

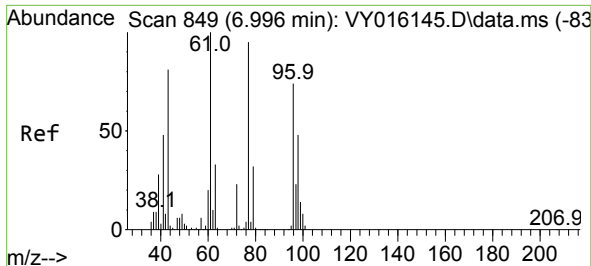
Tgt Ion: 43 Resp: 101136
Ion Ratio Lower Upper
43 100
72 28.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 44.641 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion: 77 Resp: 113379
Ion Ratio Lower Upper
77 100
97 23.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 47.466 ug/l

RT: 7.003 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

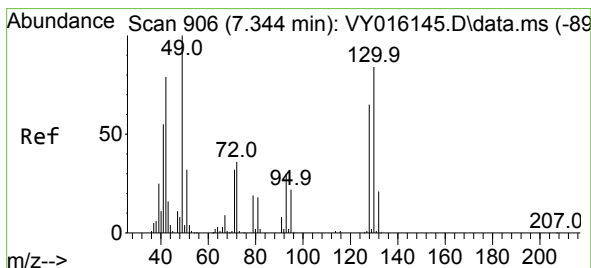
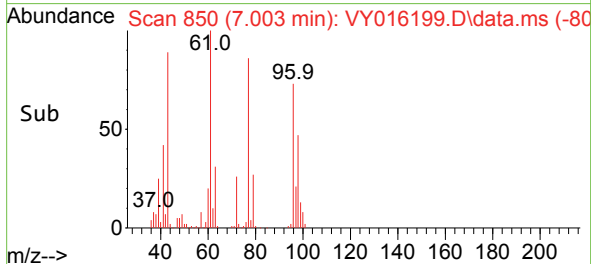
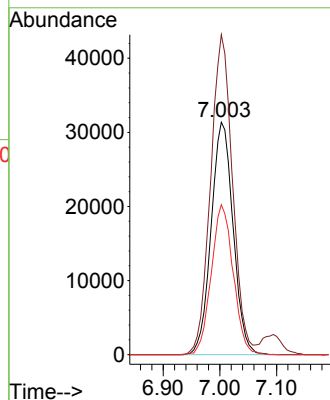
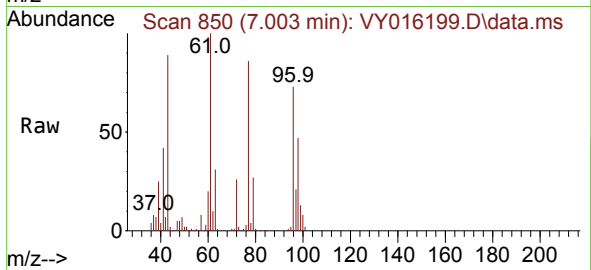
Tgt Ion: 96 Resp: 84430

Ion Ratio Lower Upper

96 100

61 137.1 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 54.260 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

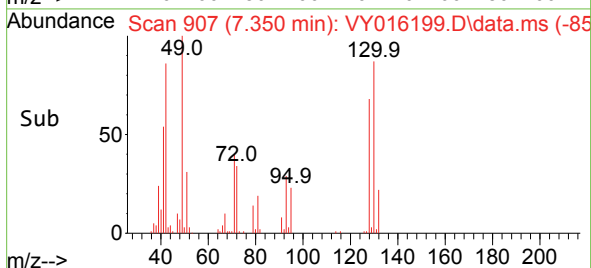
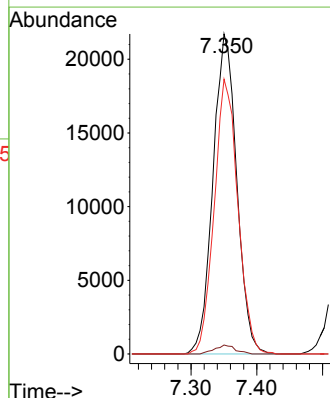
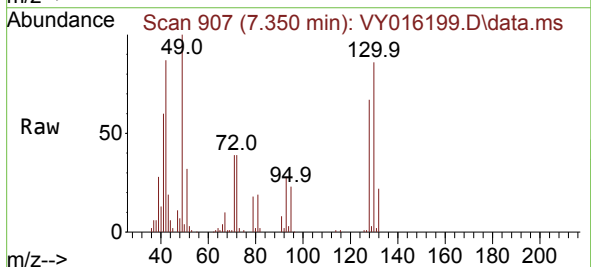
Tgt Ion: 49 Resp: 54553

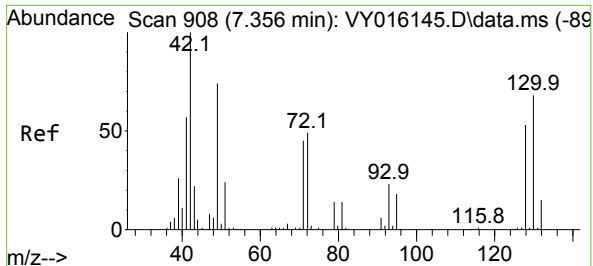
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 85.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 258.794 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

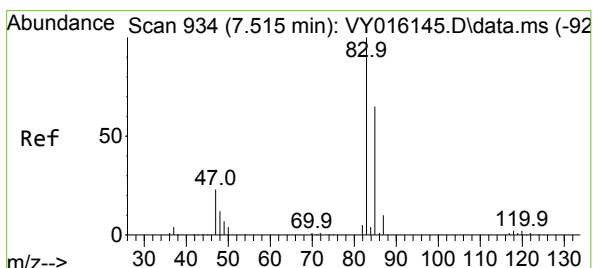
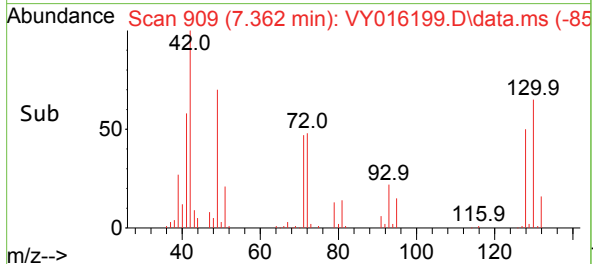
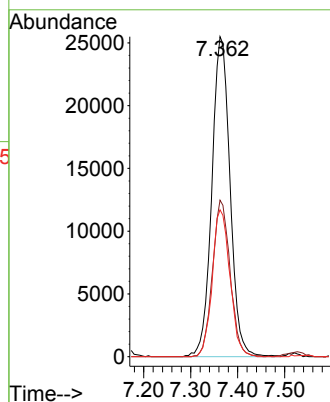
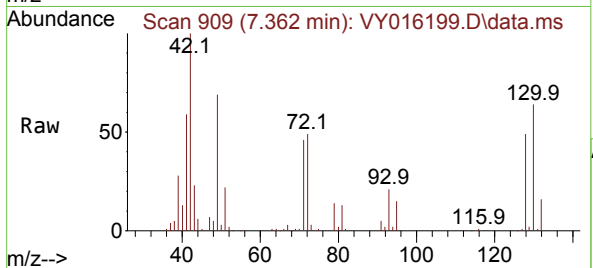
Tgt Ion: 42 Resp: 68678

Ion Ratio Lower Upper

42 100

72 47.4 32.8 49.2

71 44.6 31.0 46.4



#30

Chloroform

Concen: 46.868 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY016199.D

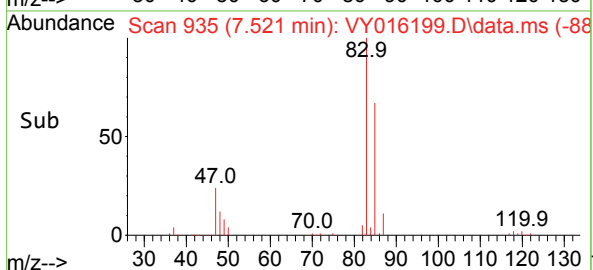
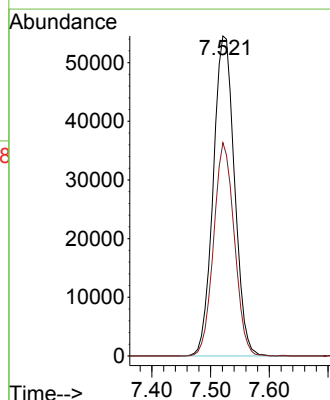
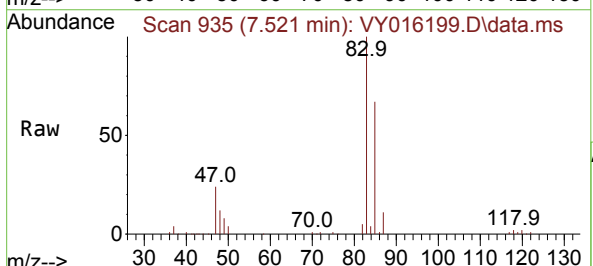
Acq: 02 Nov 2023 18:40

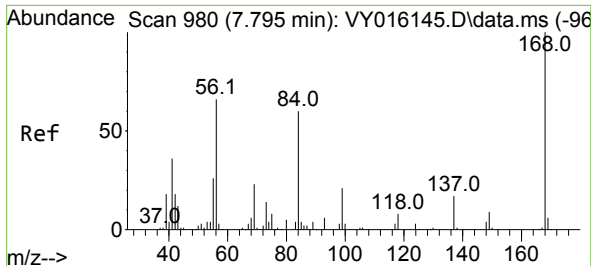
Tgt Ion: 83 Resp: 137095

Ion Ratio Lower Upper

83 100

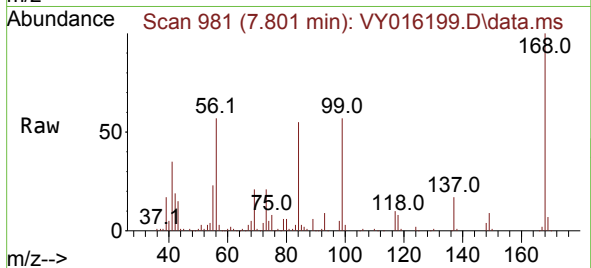
85 66.6 49.7 74.5



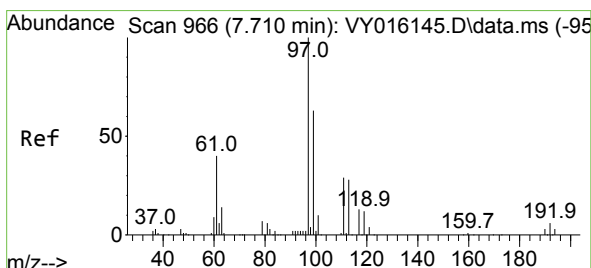
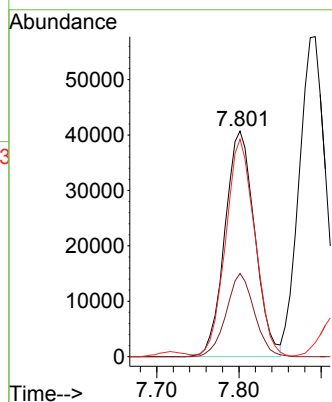
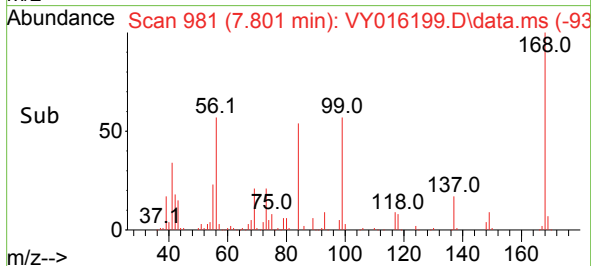


#31
Cyclohexane
Concen: 43.655 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Instrument :
MSVOA_Y
ClientSampleId :

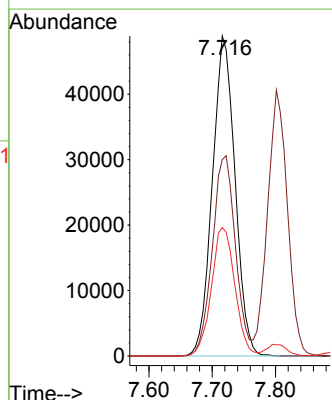
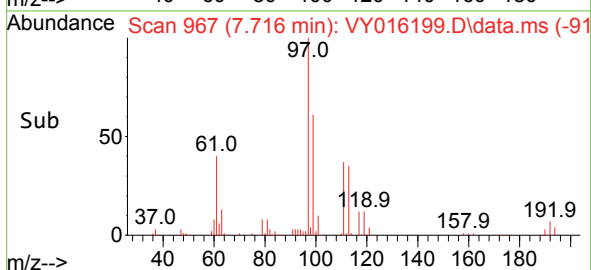
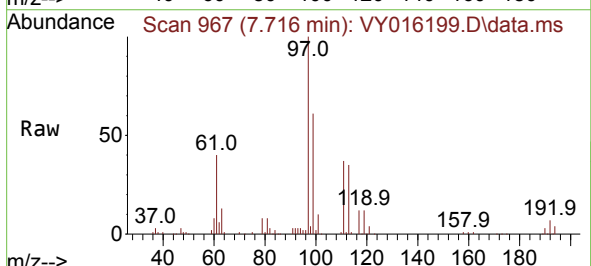


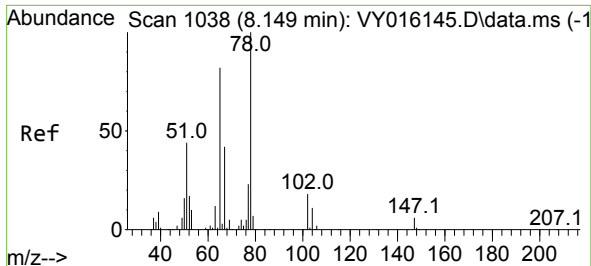
Tgt Ion: 56 Resp: 102975
Ion Ratio Lower Upper
56 100
69 36.9 27.8 41.6
84 94.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 45.287 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion: 97 Resp: 121487
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 41.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.496 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

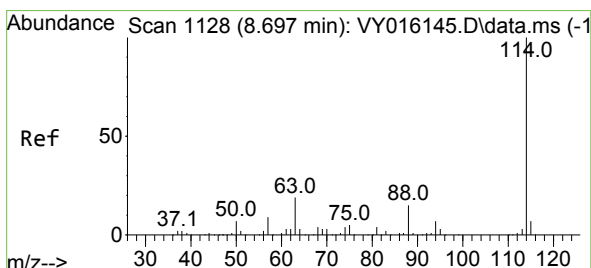
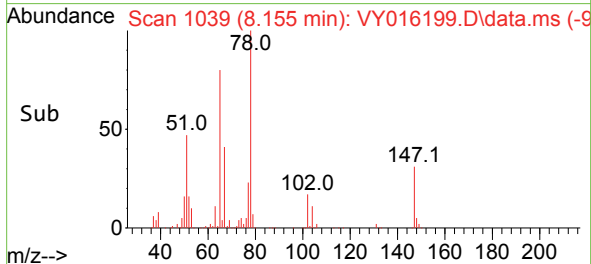
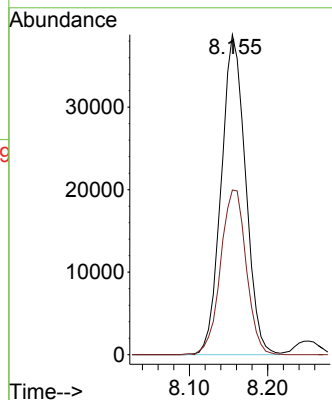
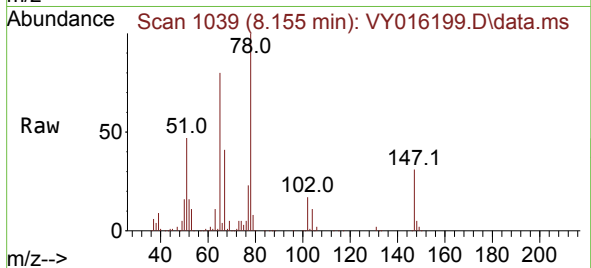
ClientSampleId :

Tgt Ion: 65 Resp: 83623

Ion Ratio Lower Upper

65 100

67 54.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

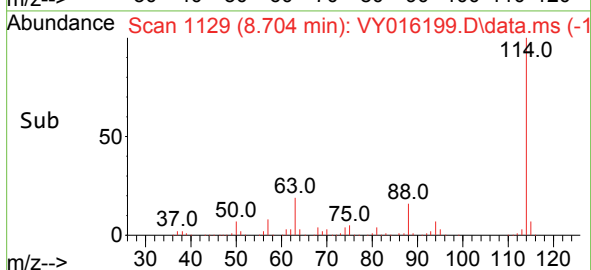
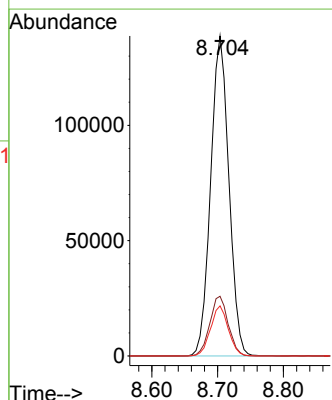
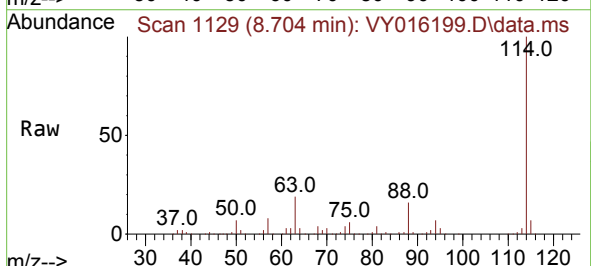
Tgt Ion: 114 Resp: 267490

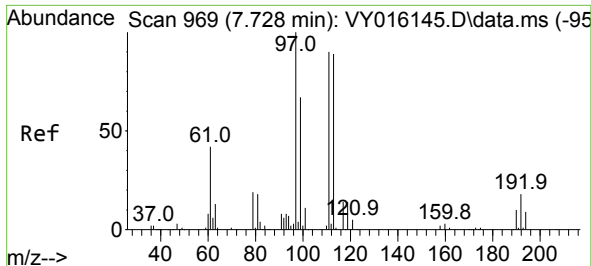
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

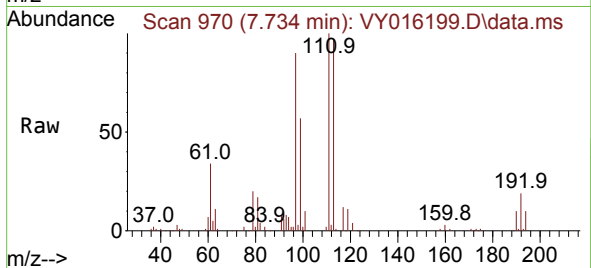
88 15.6 0.0 30.6



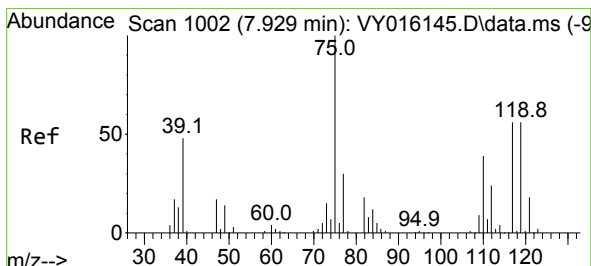
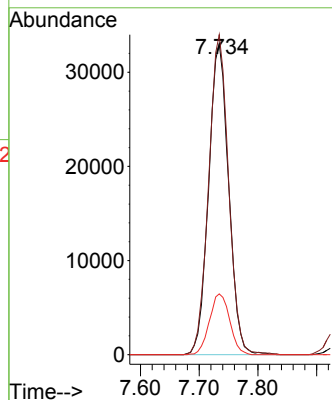
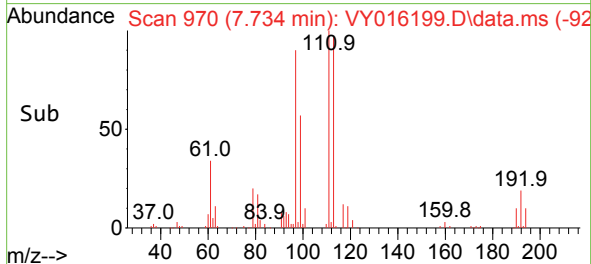


#35
Dibromofluoromethane
Concen: 48.969 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

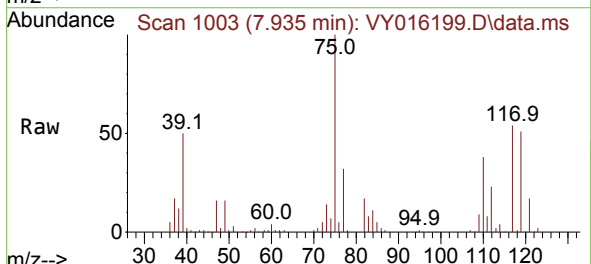
Instrument :
MSVOA_Y
ClientSampleId :



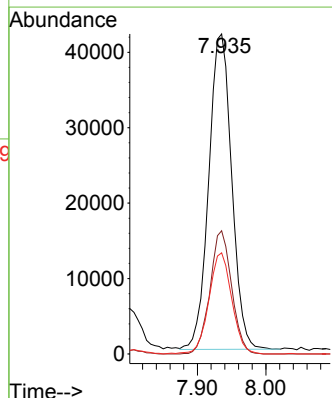
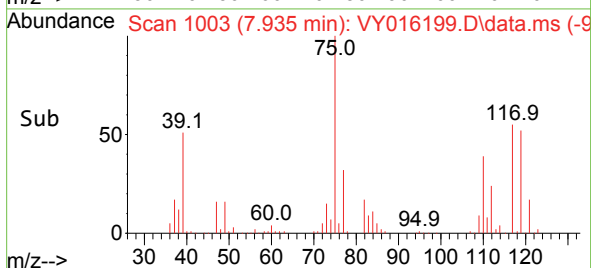
Tgt Ion:113 Resp: 78091
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.8 16.9 25.3

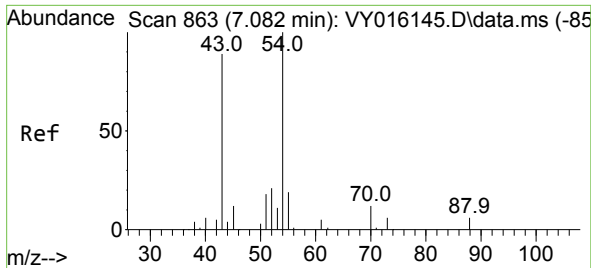


#36
1,1-Dichloropropene
Concen: 42.314 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40



Tgt Ion: 75 Resp: 97437
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 31.9 24.4 36.6

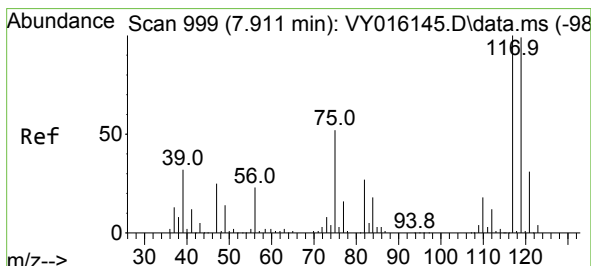
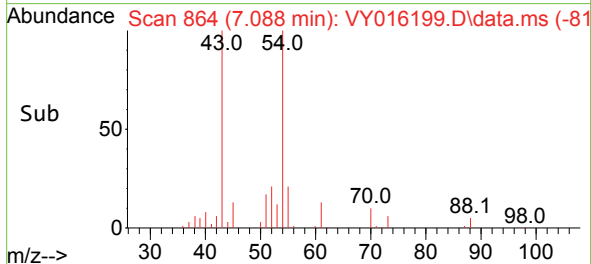
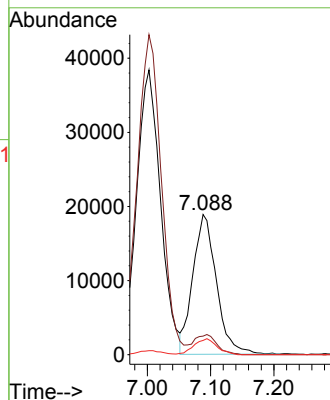
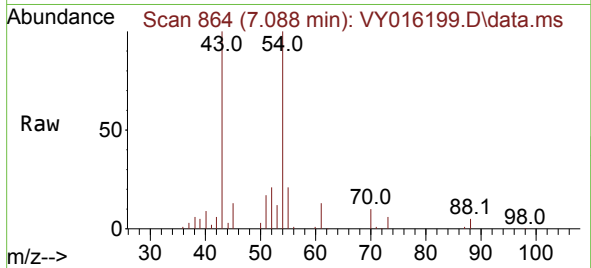




#37
Ethyl Acetate
Concen: 47.712 ug/l
RT: 7.088 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

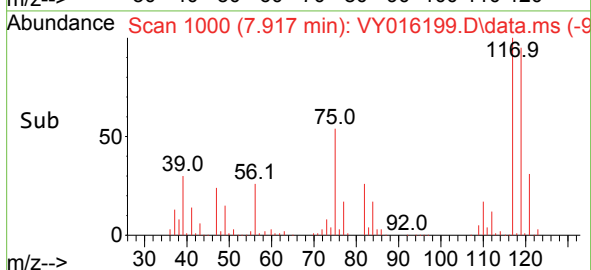
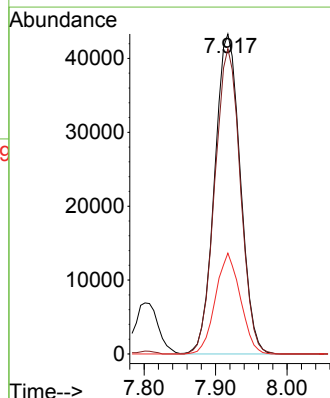
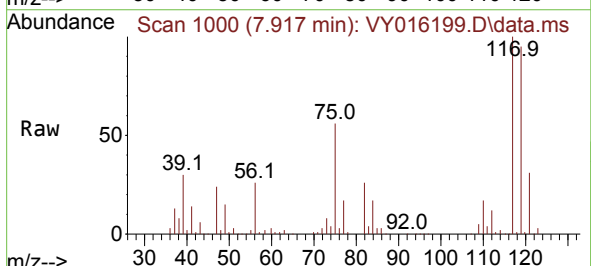
Instrument :
MSVOA_Y
ClientSampleId :

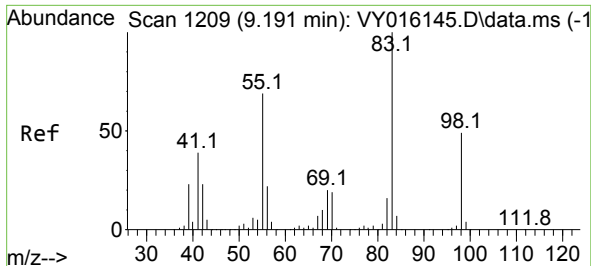
Tgt Ion: 43 Resp: 48935
Ion Ratio Lower Upper
43 100
61 13.8 10.1 15.1
70 11.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 47.319 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion: 117 Resp: 107952
Ion Ratio Lower Upper
117 100
119 95.4 76.4 114.6
121 31.5 25.8 38.6





#39

Methylcyclohexane

Concen: 43.335 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

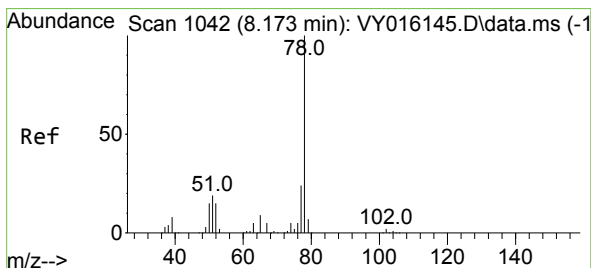
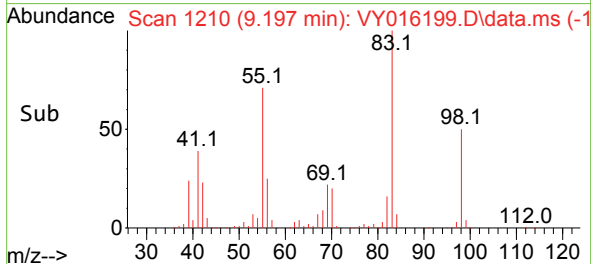
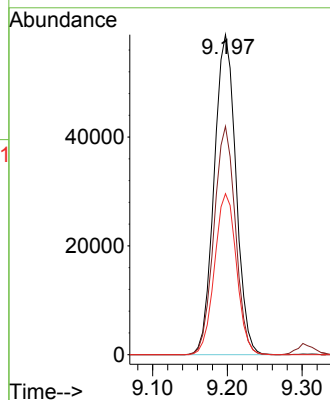
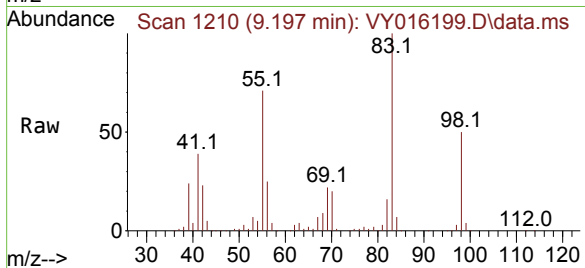
Tgt Ion: 83 Resp: 119115

Ion Ratio Lower Upper

83 100

55 71.4 63.0 94.4

98 50.3 37.4 56.2



#40

Benzene

Concen: 44.571 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016199.D

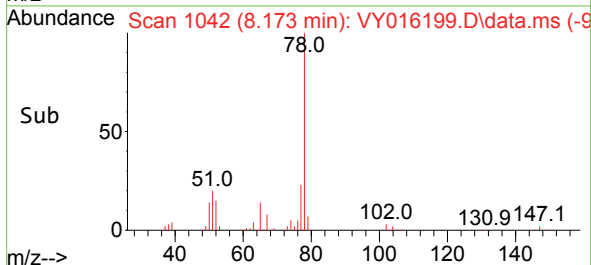
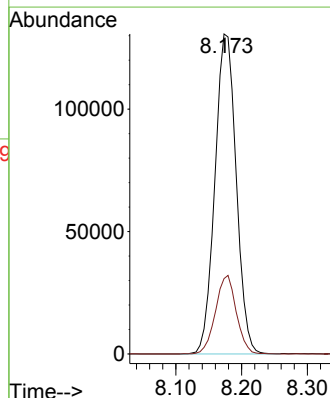
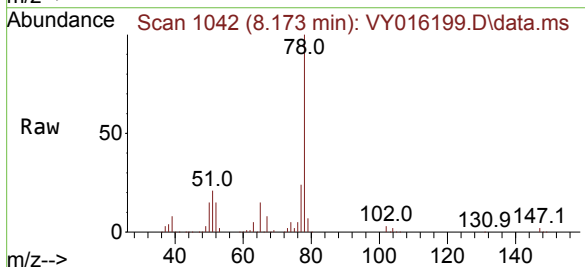
Acq: 02 Nov 2023 18:40

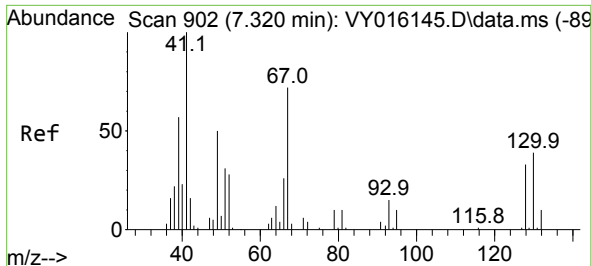
Tgt Ion: 78 Resp: 294657

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

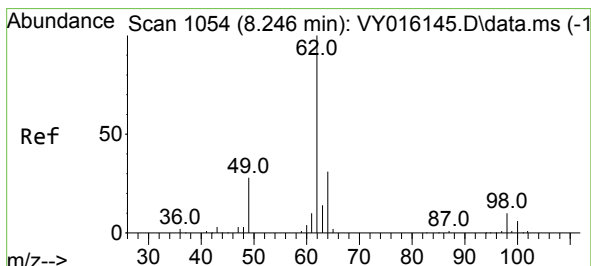
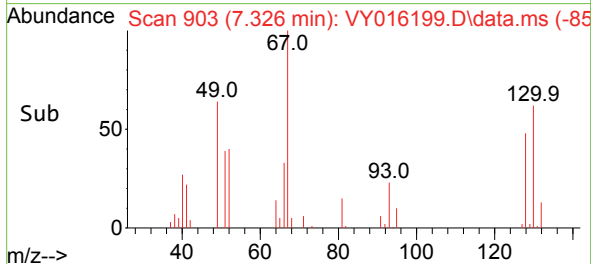
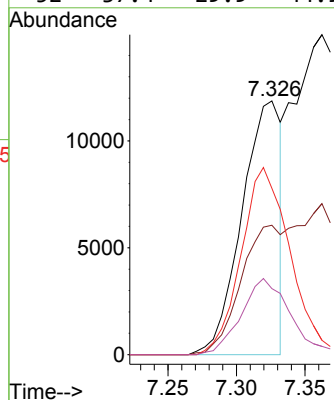
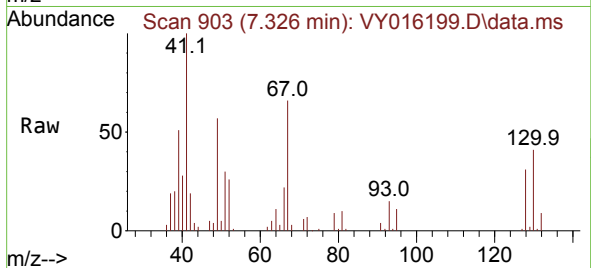




#41
Methacrylonitrile
Concen: 39.806 ug/l
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

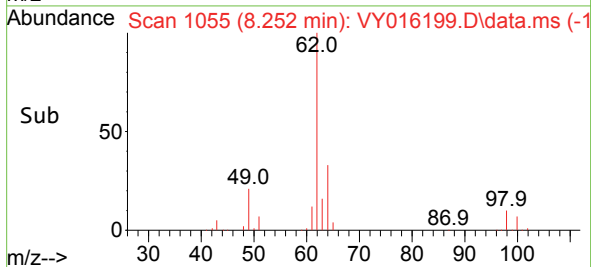
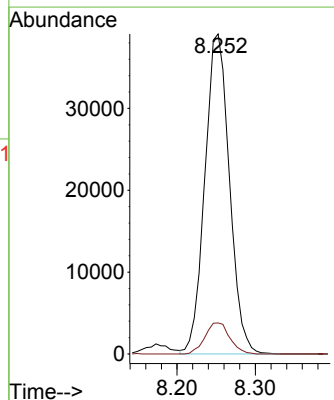
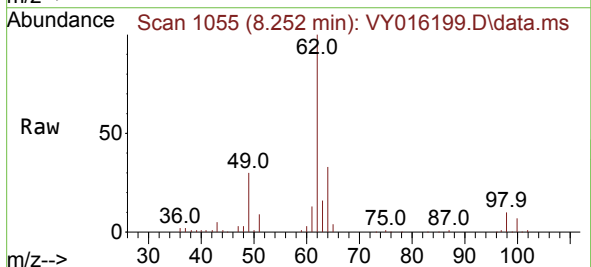
Instrument :
MSVOA_Y
ClientSampleId :

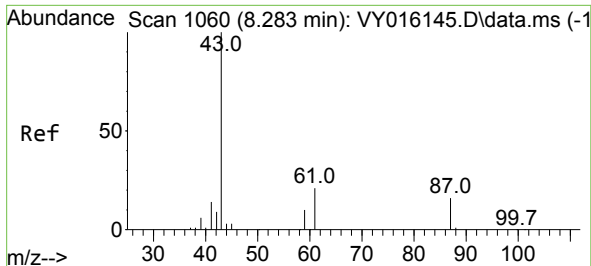
Tgt Ion:	41	Resp:	23698
Ion	Ratio	Lower	Upper
41	100		
39	52.4	52.1	78.1
67	91.9	66.2	99.2
52	37.4	29.9	44.9



#42
1,2-Dichloroethane
Concen: 46.198 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion:	62	Resp:	85229
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8

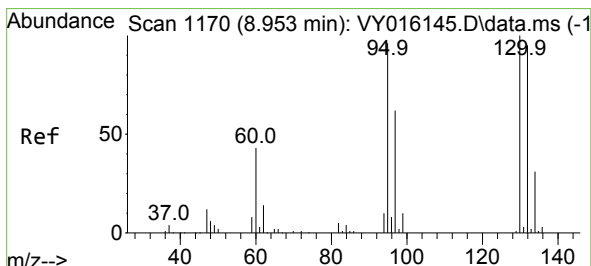
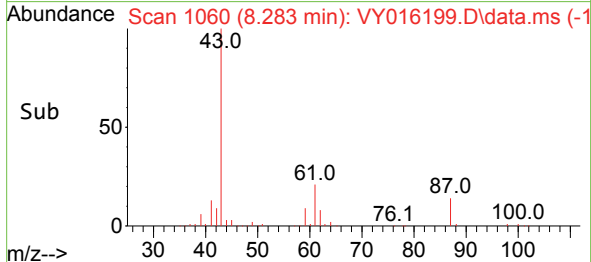
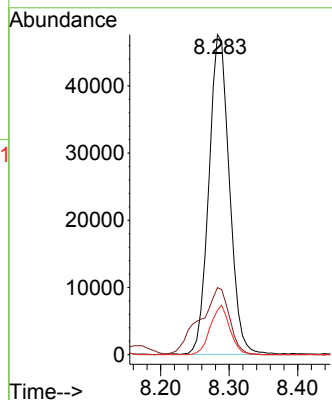
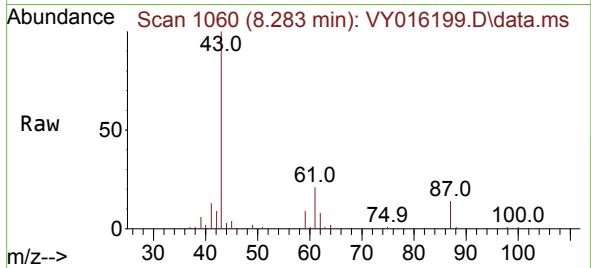




#43
Isopropyl Acetate
Concen: 48.854 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

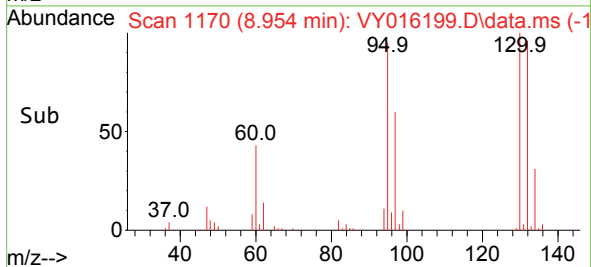
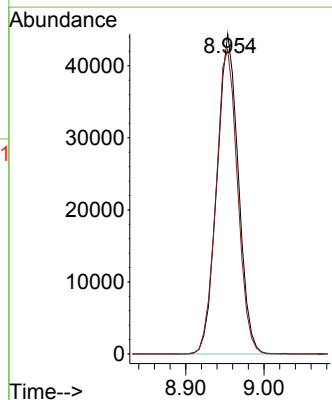
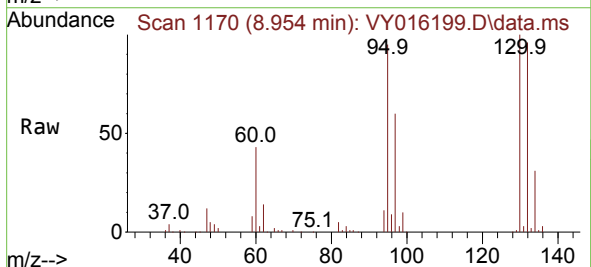
Instrument :
MSVOA_Y
ClientSampleId :

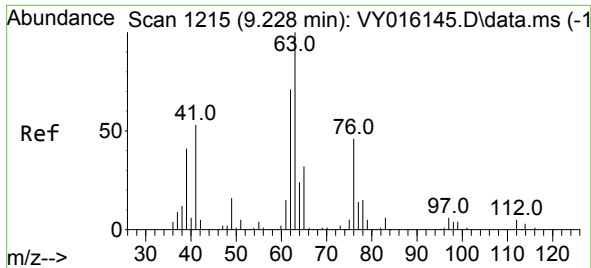
Tgt Ion: 43 Resp: 99113
Ion Ratio Lower Upper
43 100
61 30.1 21.1 31.7
87 14.6 9.8 14.8



#44
Trichloroethene
Concen: 43.513 ug/l
RT: 8.954 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion:130 Resp: 84180
Ion Ratio Lower Upper
130 100
95 95.1 0.0 196.0

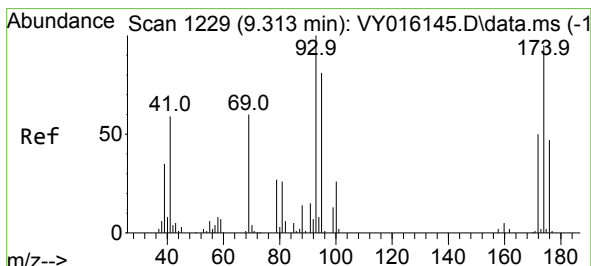
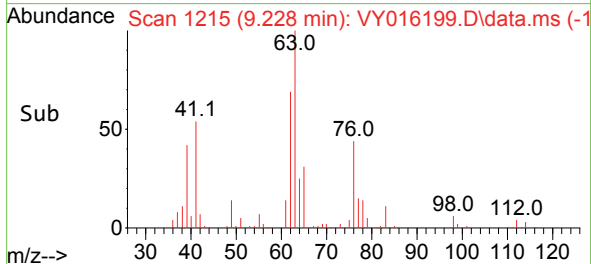
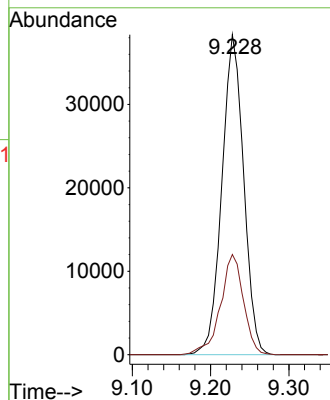
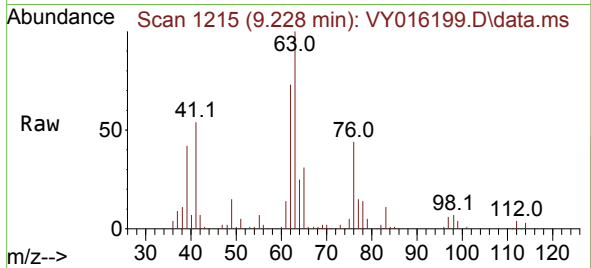




#45
1,2-Dichloropropane
Concen: 46.598 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

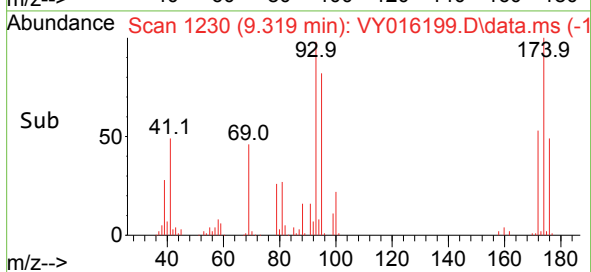
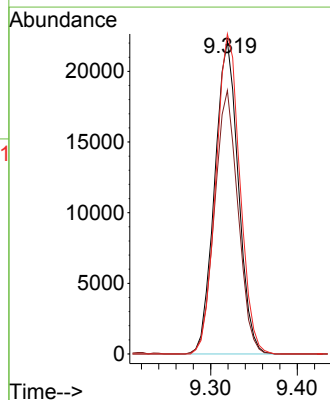
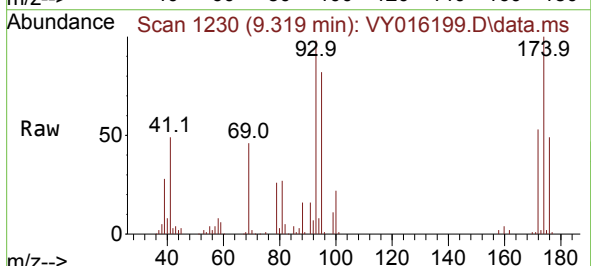
Instrument :
MSVOA_Y
ClientSampleId :

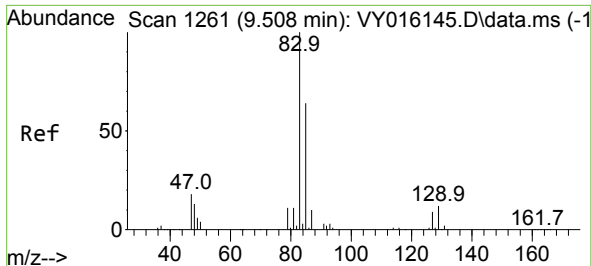
Tgt Ion: 63 Resp: 74106
Ion Ratio Lower Upper
63 100
65 31.3 23.8 35.6



#46
Dibromomethane
Concen: 46.487 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

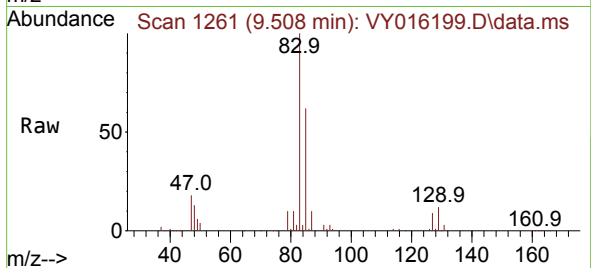
Tgt Ion: 93 Resp: 41938
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 103.7 84.8 127.2



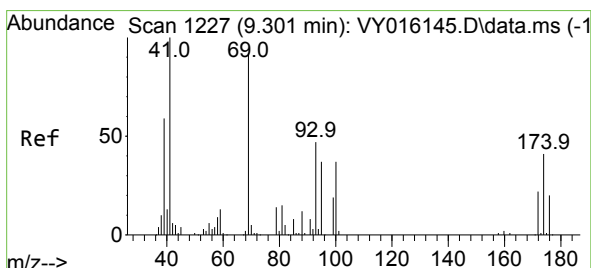
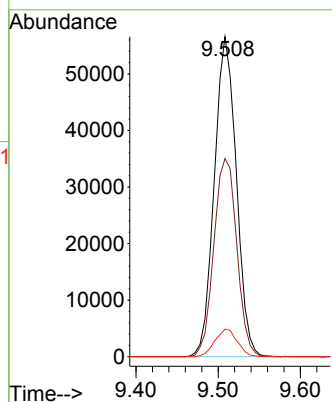
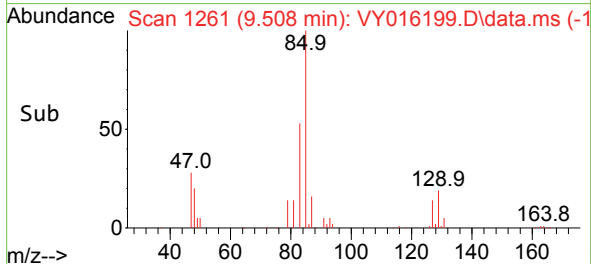


#47
Bromodichloromethane
Concen: 45.910 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Instrument :
MSVOA_Y
ClientSampleId :

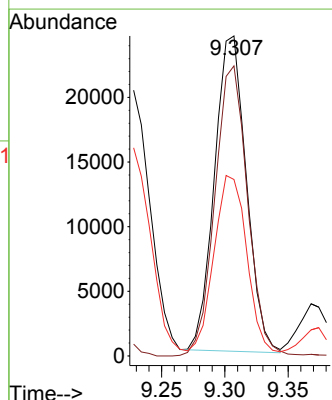
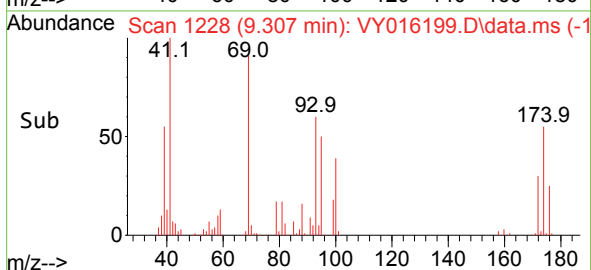
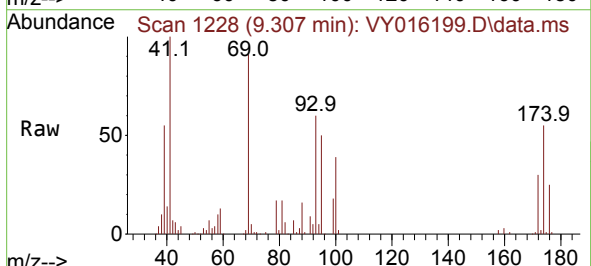


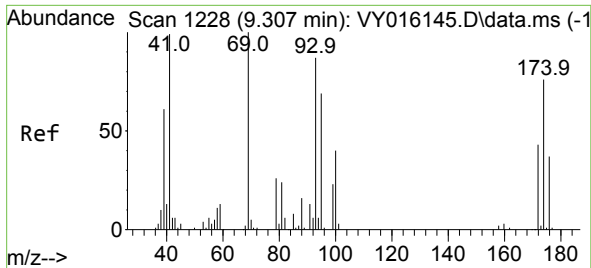
Tgt Ion: 83 Resp: 105232
Ion Ratio Lower Upper
83 100
85 61.9 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 46.246 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion: 41 Resp: 42663
Ion Ratio Lower Upper
41 100
69 94.7 64.5 96.7
39 57.3 50.8 76.2





#49

1,4-Dioxane

Concen: 906.446 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

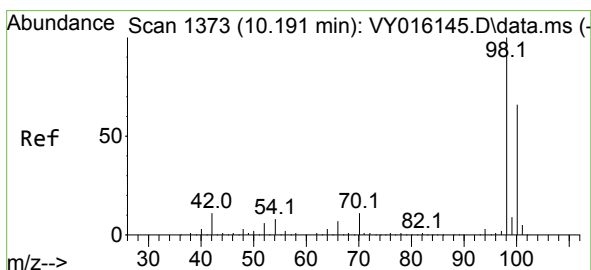
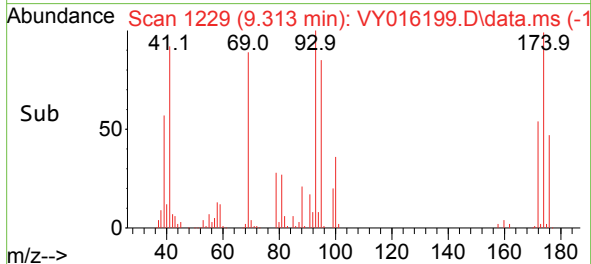
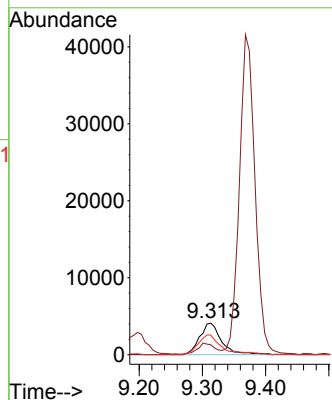
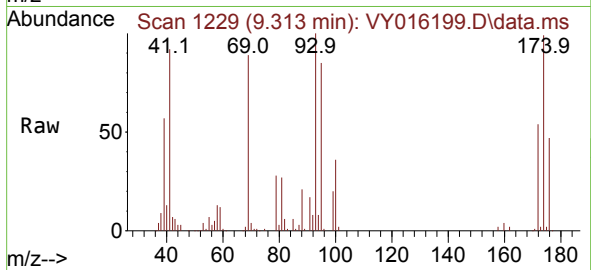
Tgt Ion: 88 Resp: 9845

Ion Ratio Lower Upper

88 100

43 30.5 0.0 0.0#

58 67.6 30.9 46.3#



#50

Toluene-d8

Concen: 51.775 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY016199.D

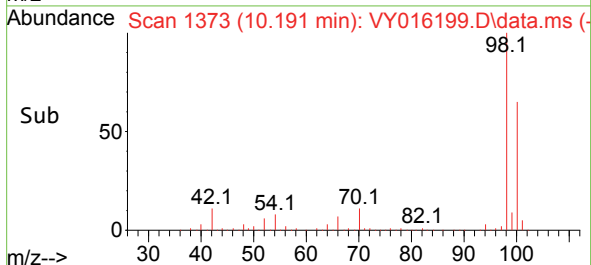
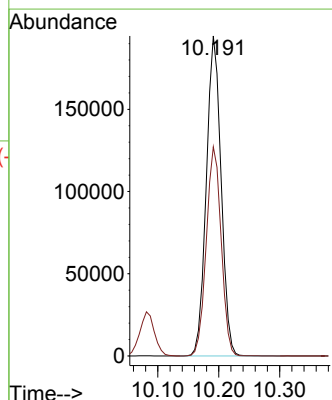
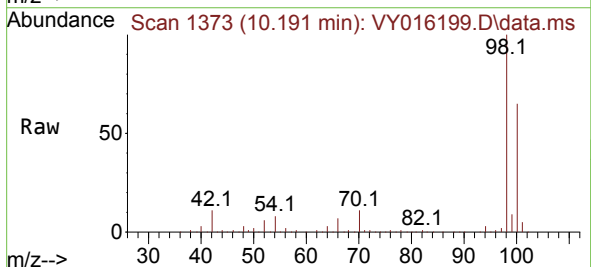
Acq: 02 Nov 2023 18:40

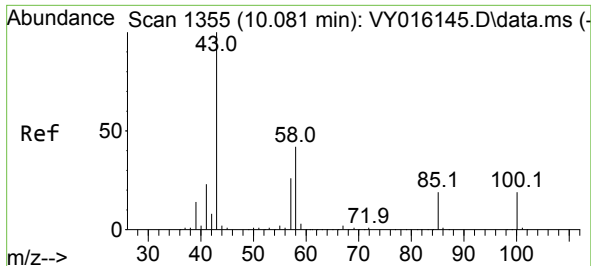
Tgt Ion: 98 Resp: 327357

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 248.923 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

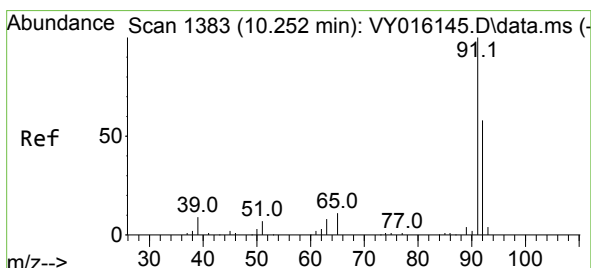
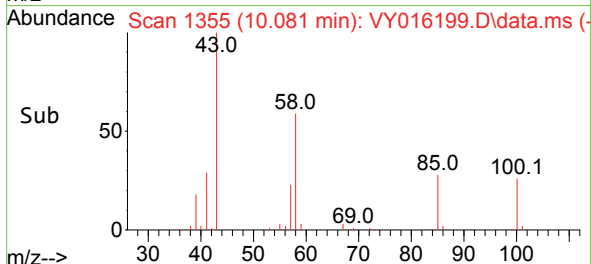
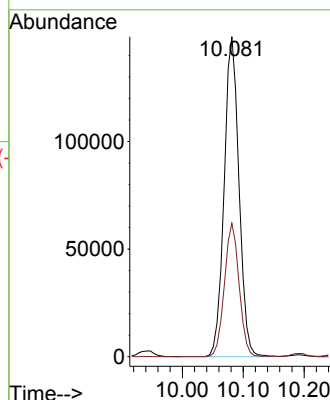
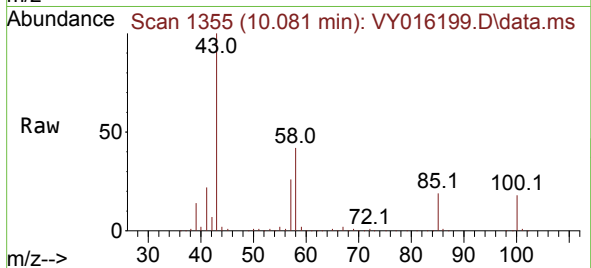
ClientSampleId :

Tgt Ion: 43 Resp: 251980

Ion Ratio Lower Upper

43 100

58 41.2 29.0 43.6



#52

Toluene

Concen: 45.199 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VY016199.D

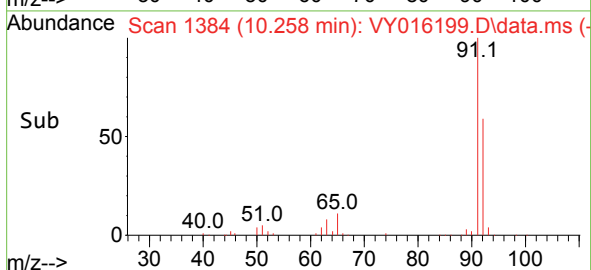
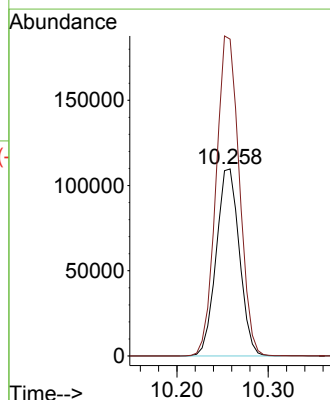
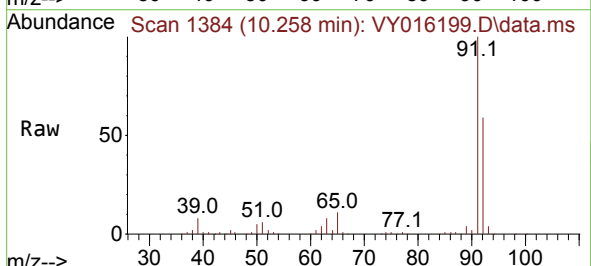
Acq: 02 Nov 2023 18:40

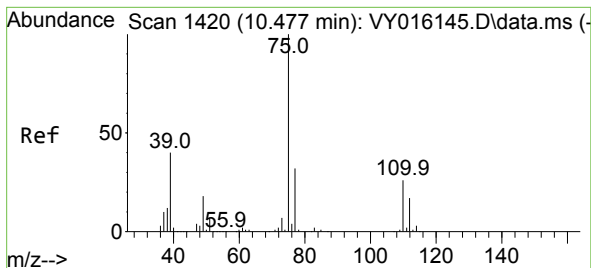
Tgt Ion: 92 Resp: 193626

Ion Ratio Lower Upper

92 100

91 171.7 143.8 215.6

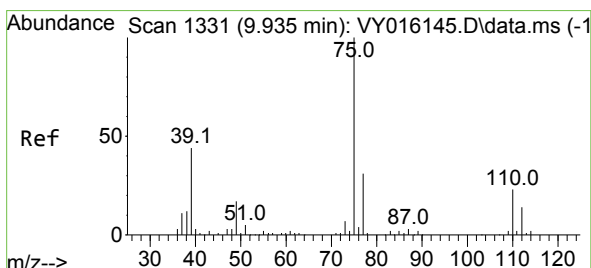
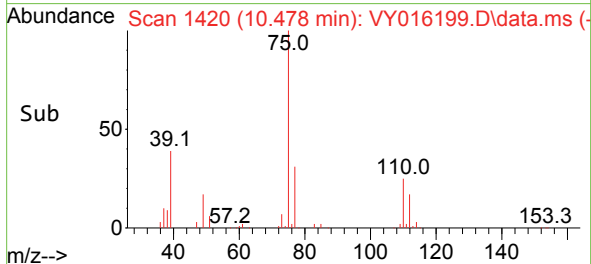
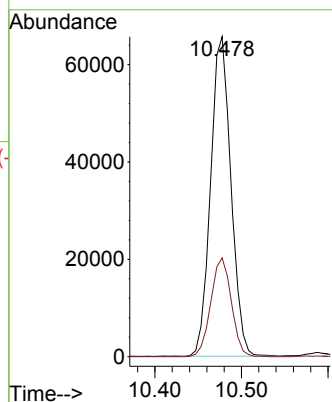
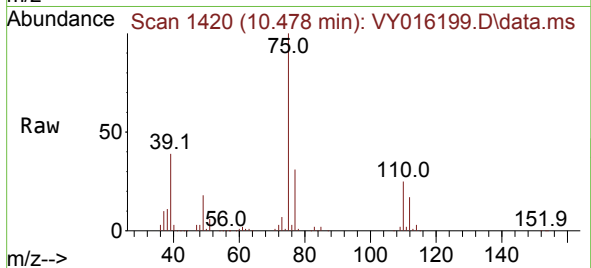




#53
t-1,3-Dichloropropene
Concen: 46.842 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

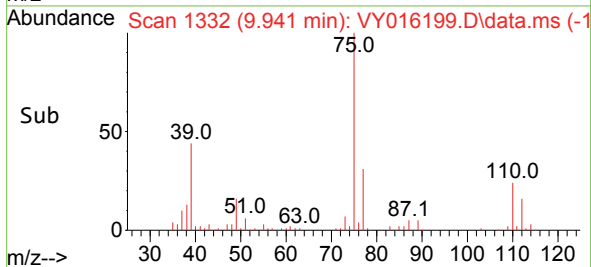
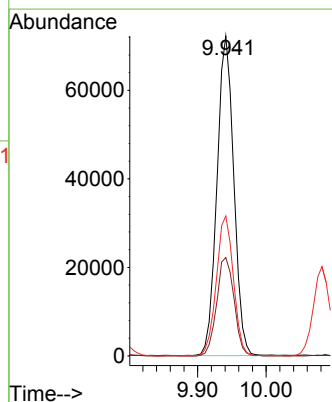
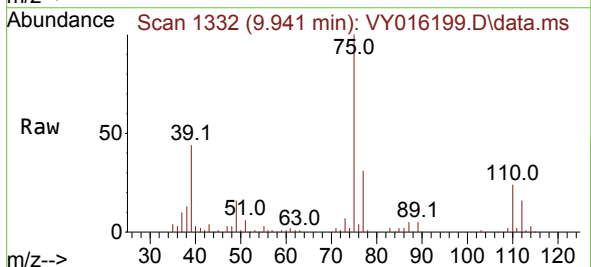
Instrument :
MSVOA_Y
ClientSampleId :

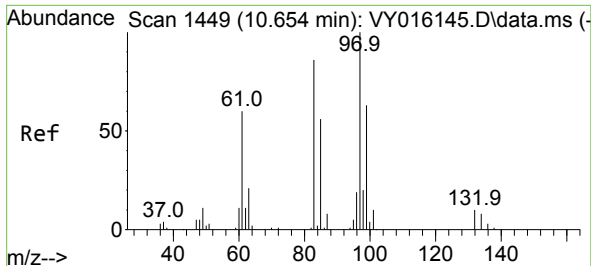
Tgt Ion: 75 Resp: 107185
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 45.708 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion: 75 Resp: 122727
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.4
39 43.7 42.2 63.4

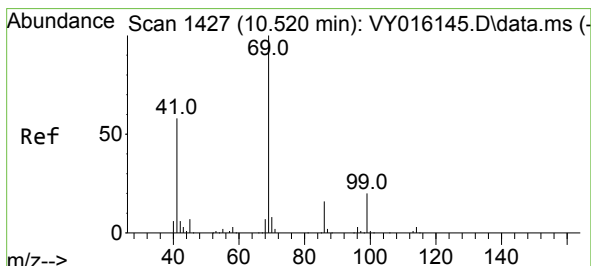
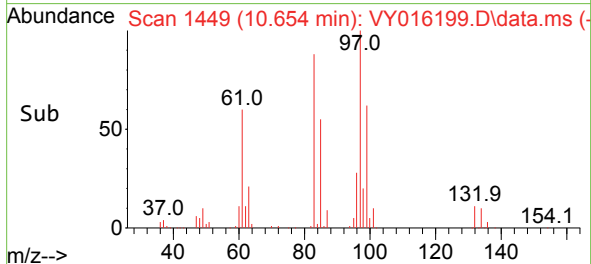
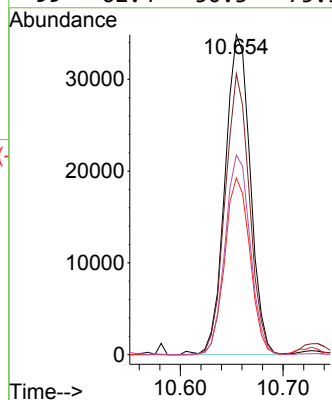
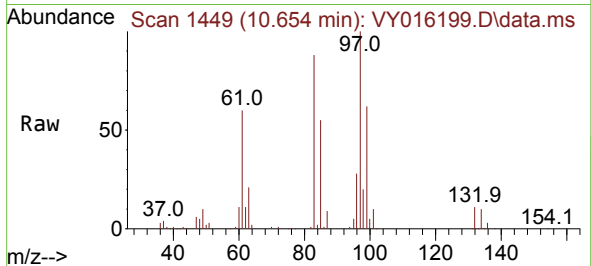




#55
1,1,2-Trichloroethane
Concen: 46.879 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

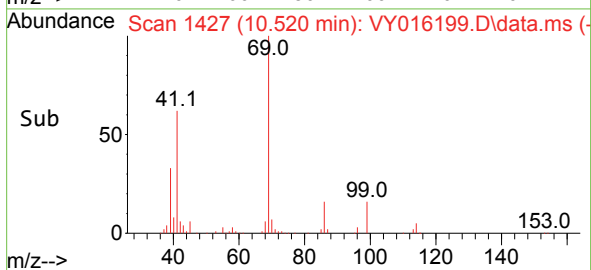
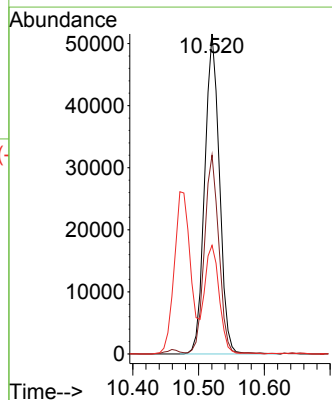
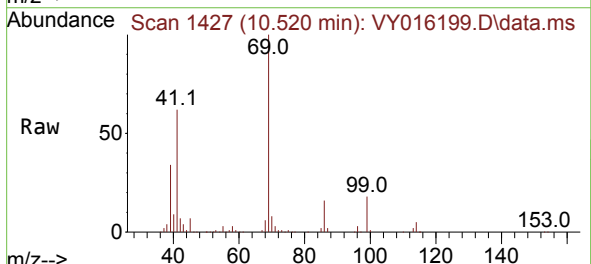
Instrument :
MSVOA_Y
ClientSampleId :

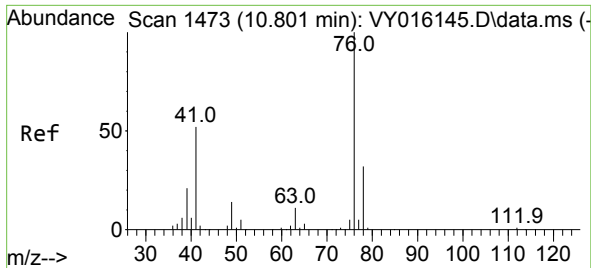
Tgt Ion:	97	Resp:	59490
Ion	Ratio	Lower	Upper
97	100		
83	87.8	72.0	108.0
85	55.2	45.4	68.0
99	62.4	50.3	75.5



#56
Ethyl methacrylate
Concen: 48.734 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion:	69	Resp:	80317
Ion	Ratio	Lower	Upper
69	100		
41	61.3	57.6	86.4
39	32.3	34.1	51.1

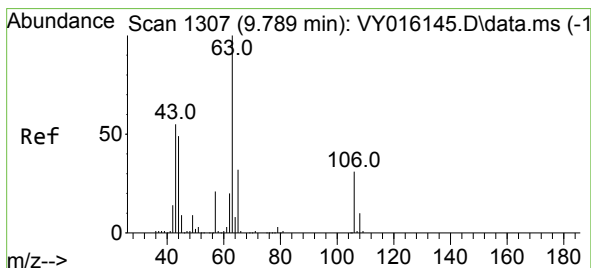
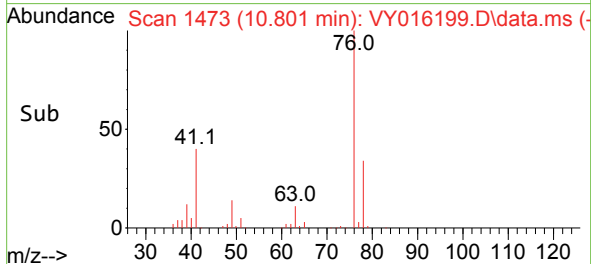
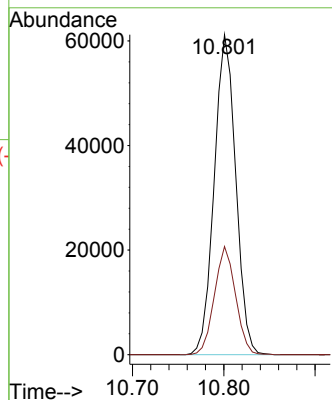
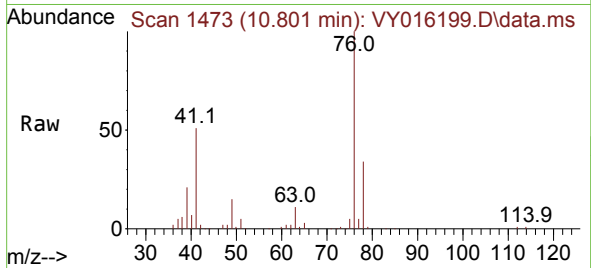




#57
1,3-Dichloropropane
Concen: 46.357 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

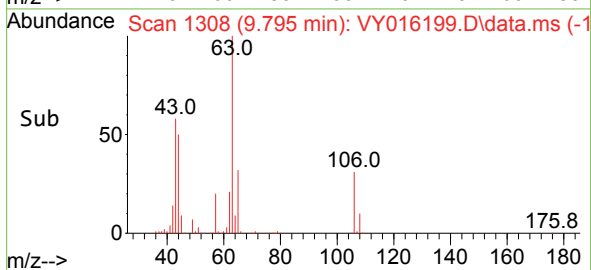
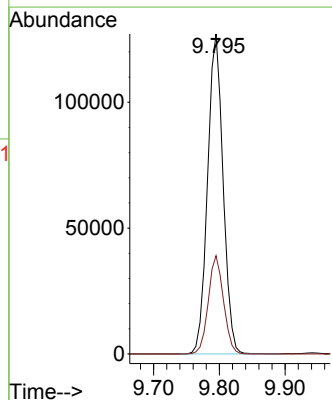
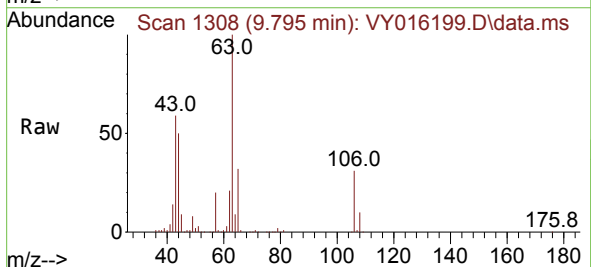
Instrument :
MSVOA_Y
ClientSampleId :

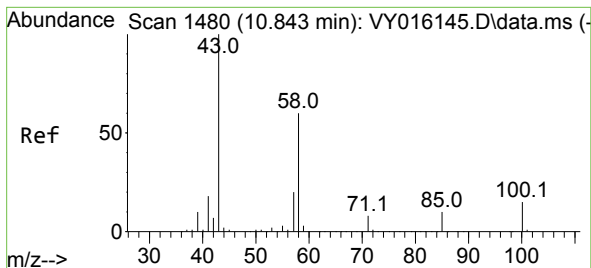
Tgt Ion: 76 Resp: 100146
Ion Ratio Lower Upper
76 100
78 33.1 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 260.653 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion: 63 Resp: 208302
Ion Ratio Lower Upper
63 100
106 30.1 21.2 31.8

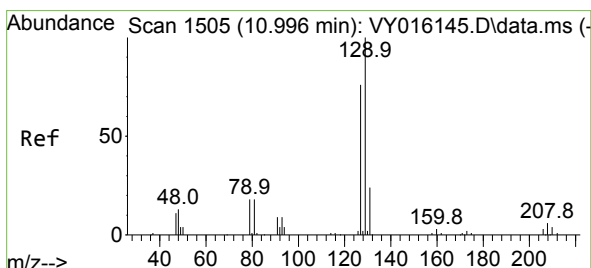
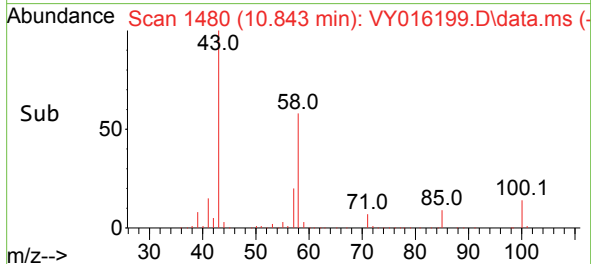
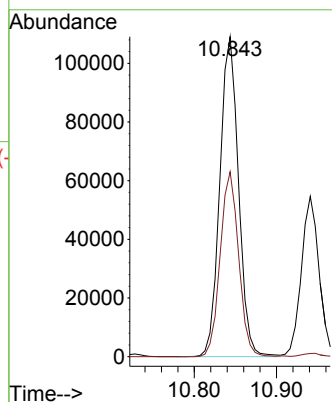
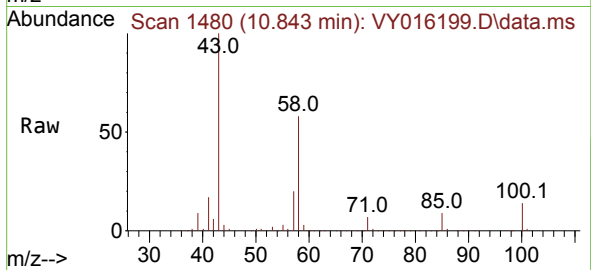




#59
2-Hexanone
Concen: 248.567 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

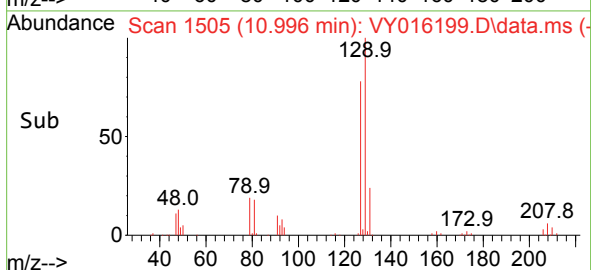
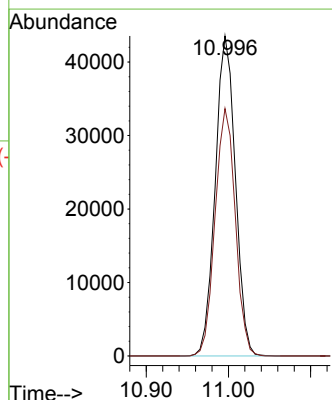
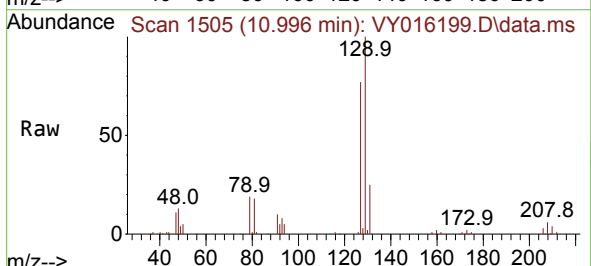
Instrument :
MSVOA_Y
ClientSampleId :

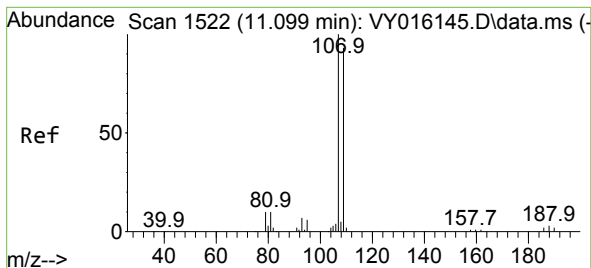
Tgt Ion: 43 Resp: 172425
Ion Ratio Lower Upper
43 100
58 57.1 25.1 75.3



#60
Dibromochloromethane
Concen: 46.547 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion: 129 Resp: 74105
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 46.659 ug/l

RT: 11.099 min Scan# 1522

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

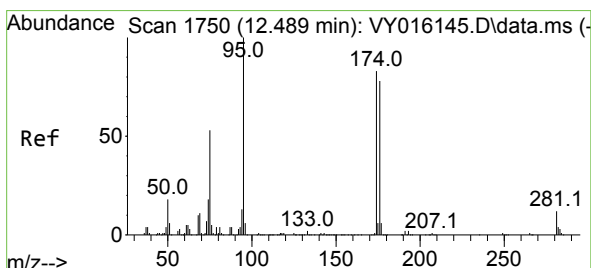
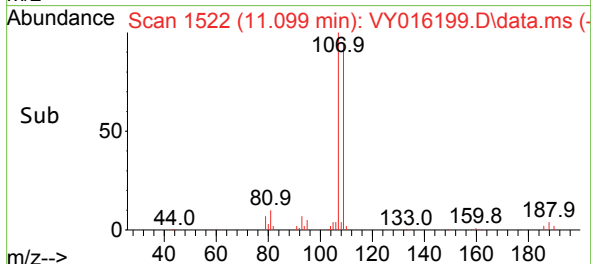
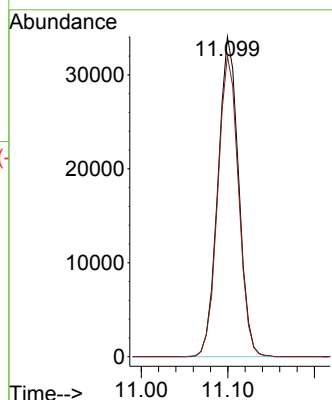
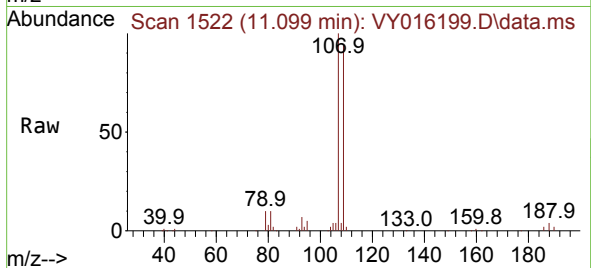
ClientSampleId :

Tgt Ion:107 Resp: 56319

Ion Ratio Lower Upper

107 100

109 94.4 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 50.607 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

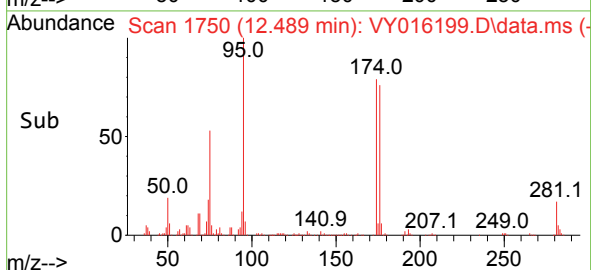
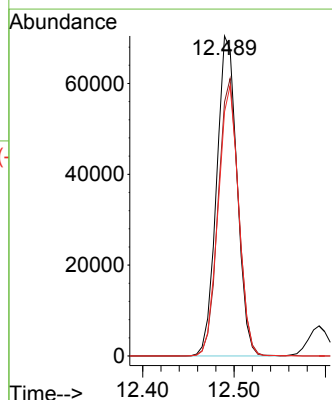
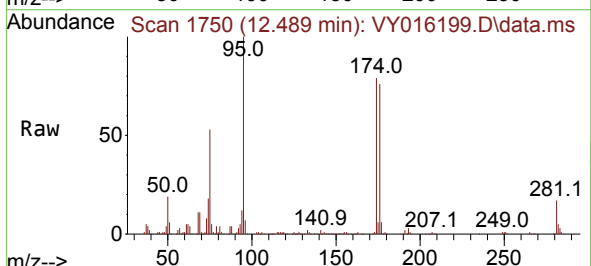
Tgt Ion: 95 Resp: 109414

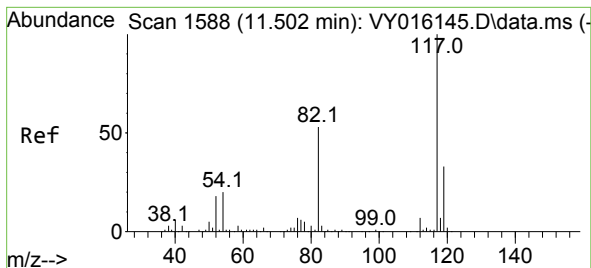
Ion Ratio Lower Upper

95 100

174 86.0 0.0 178.2

176 84.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

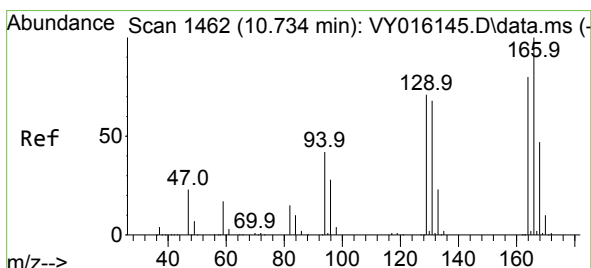
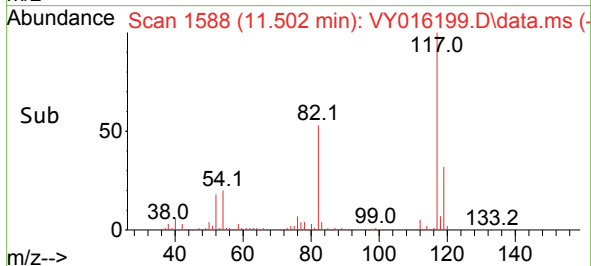
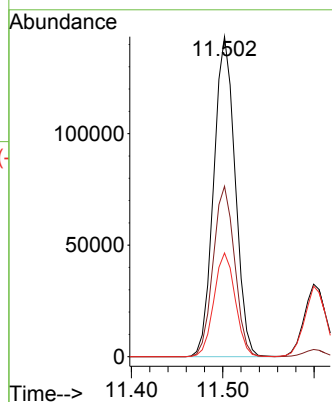
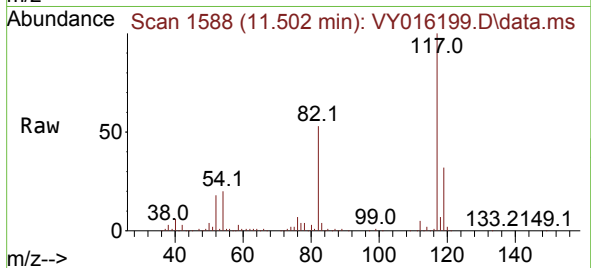
Tgt Ion:117 Resp: 233629

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 41.478 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Tgt Ion:164 Resp: 86195

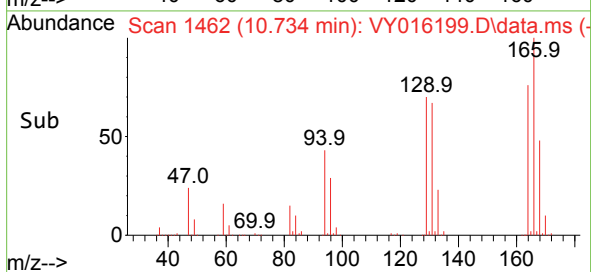
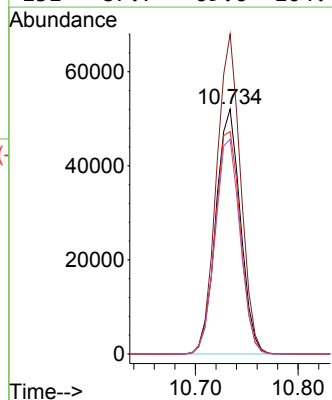
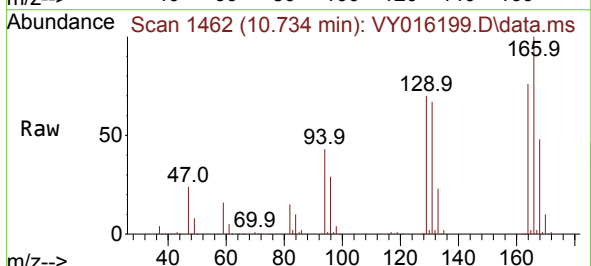
Ion Ratio Lower Upper

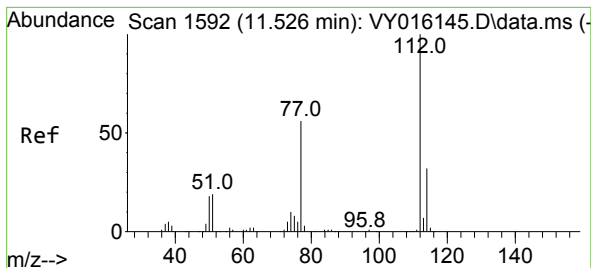
164 100

166 130.7 103.0 154.6

129 90.9 77.2 115.8

131 87.7 69.6 104.4





#65

Chlorobenzene

Concen: 45.162 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

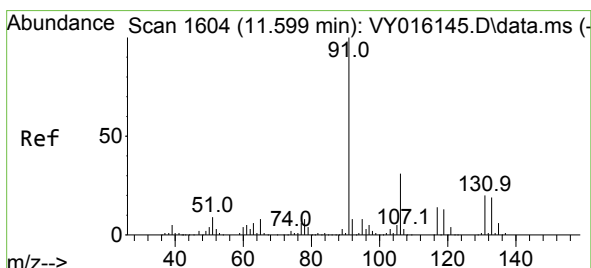
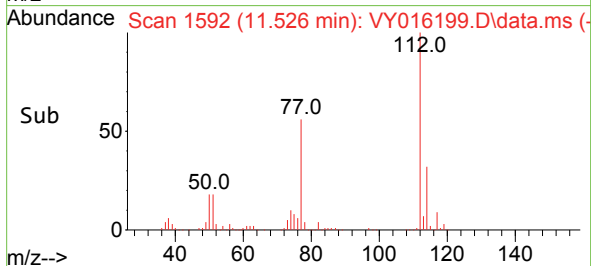
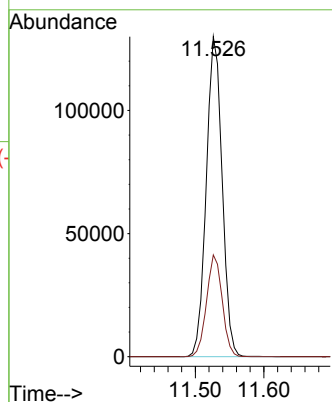
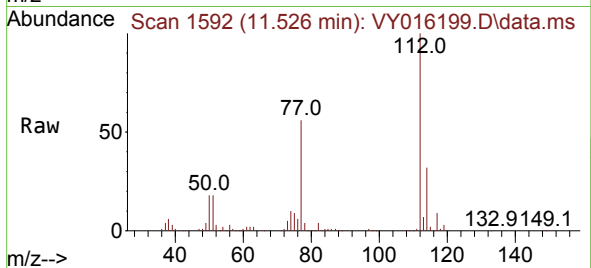
ClientSampleId :

Tgt Ion:112 Resp: 209626

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 46.283 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

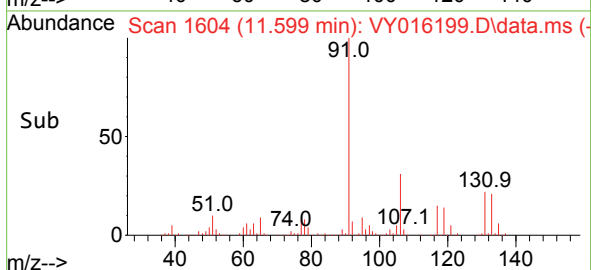
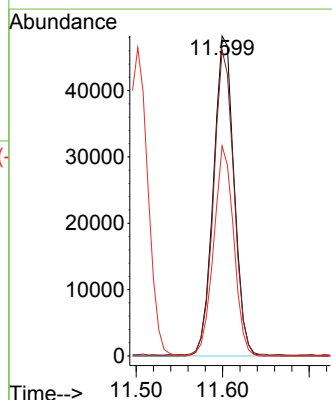
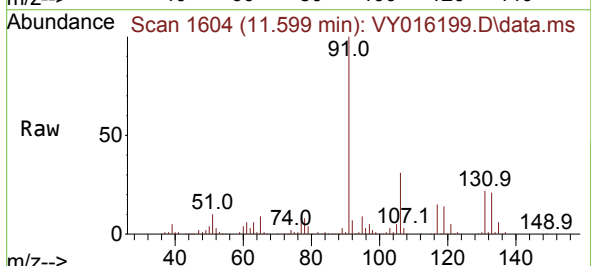
Tgt Ion:131 Resp: 79570

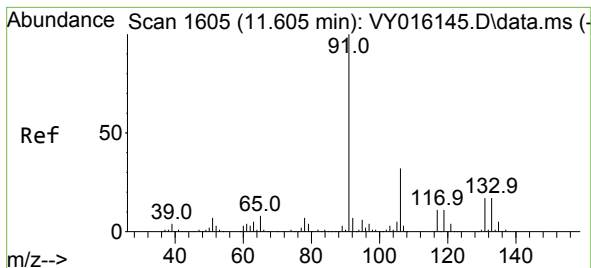
Ion Ratio Lower Upper

131 100

133 94.4 47.5 142.6

119 64.0 31.6 94.7





#67

Ethyl Benzene

Concen: 44.752 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

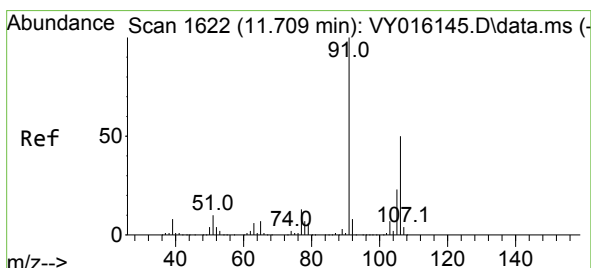
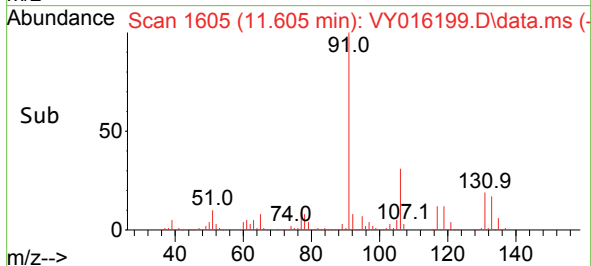
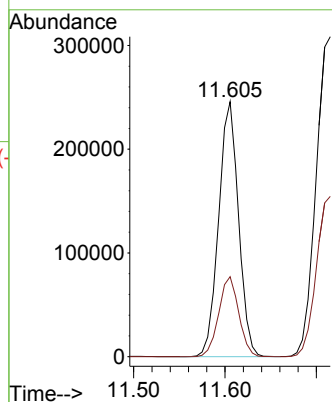
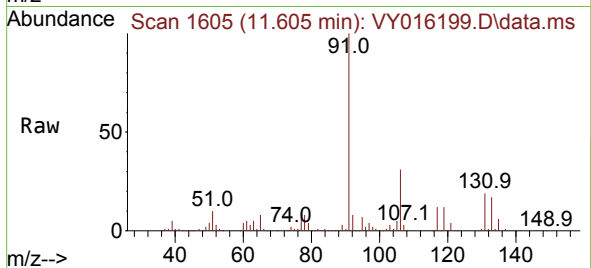
ClientSampleId :

Tgt Ion: 91 Resp: 371537

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 88.896 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016199.D

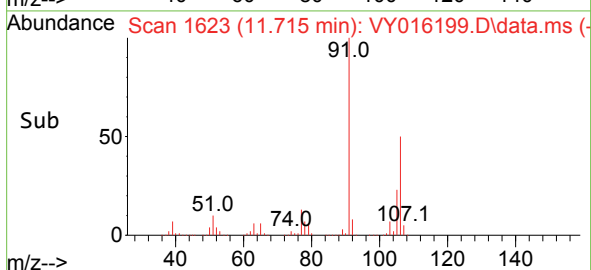
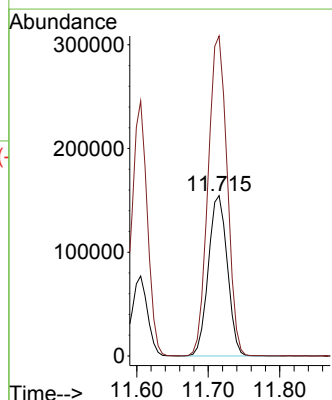
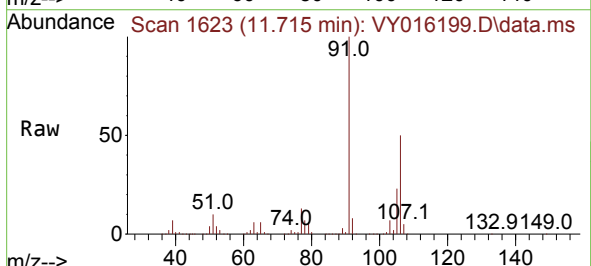
Acq: 02 Nov 2023 18:40

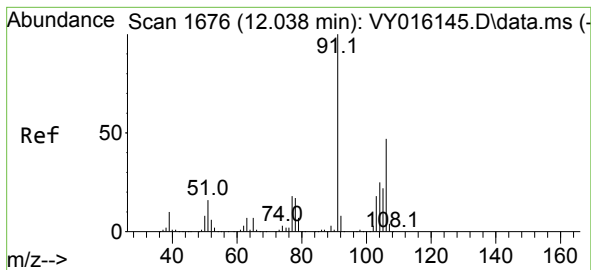
Tgt Ion: 106 Resp: 285186

Ion Ratio Lower Upper

106 100

91 200.2 166.1 249.1





#69

o-Xylene

Concen: 44.880 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

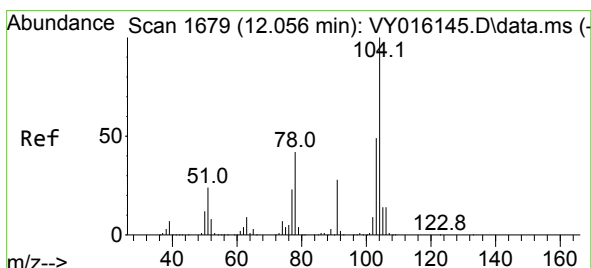
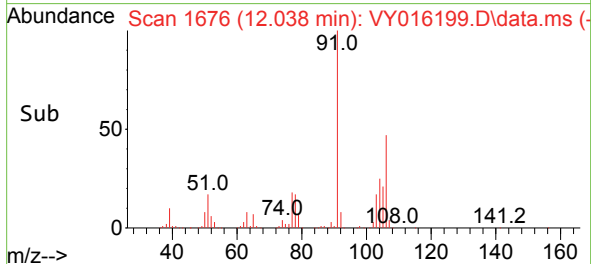
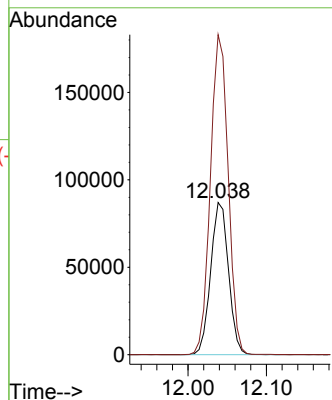
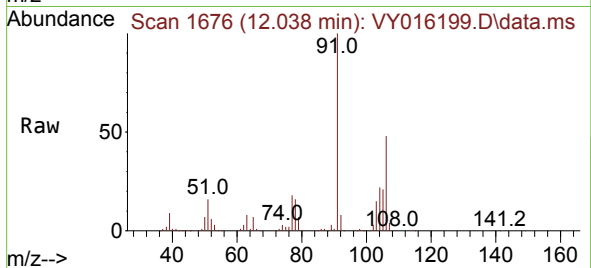
ClientSampleId :

Tgt Ion:106 Resp: 137469

Ion Ratio Lower Upper

106 100

91 209.7 108.1 324.3



#70

Styrene

Concen: 45.153 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

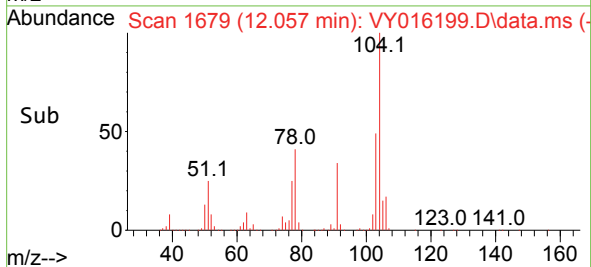
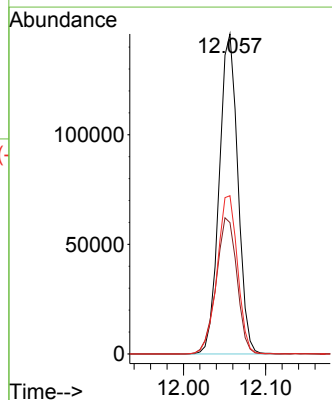
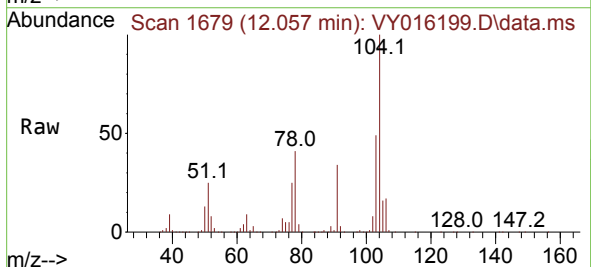
Tgt Ion:104 Resp: 229918

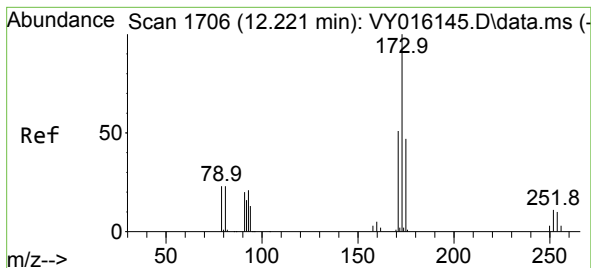
Ion Ratio Lower Upper

104 100

78 47.7 41.5 62.3

103 54.5 44.6 67.0





#71

Bromoform

Concen: 47.861 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

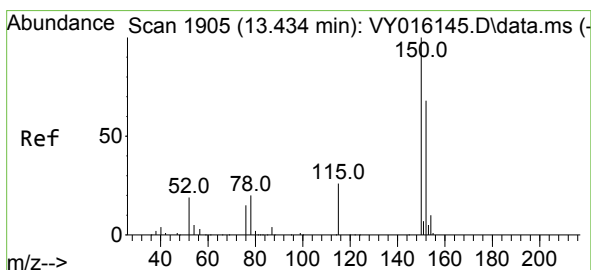
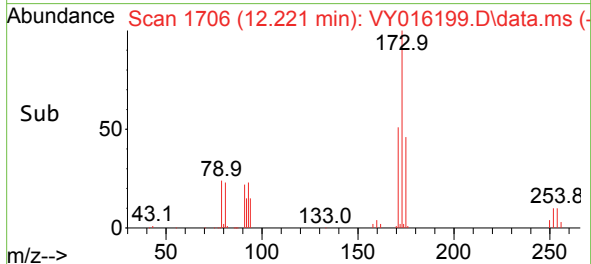
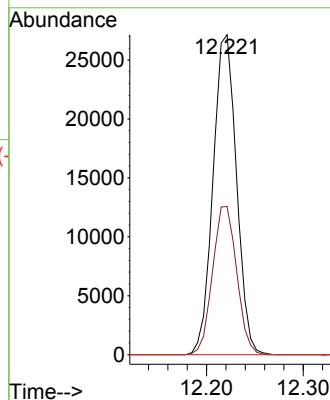
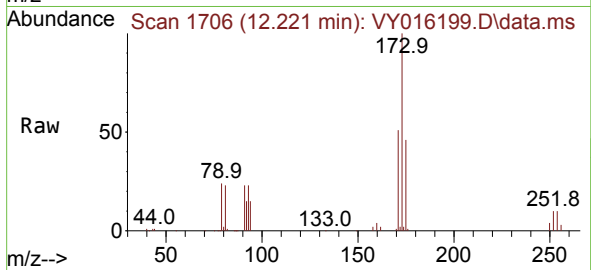
Tgt Ion:173 Resp: 45648

Ion Ratio Lower Upper

173 100

175 47.7 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

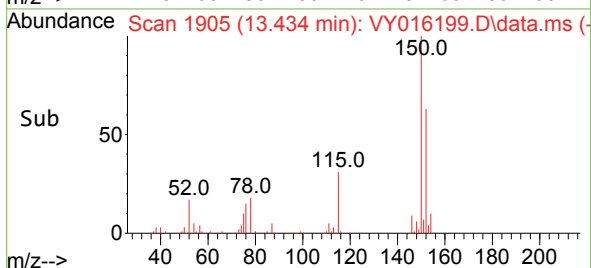
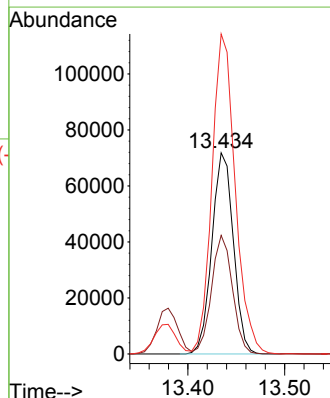
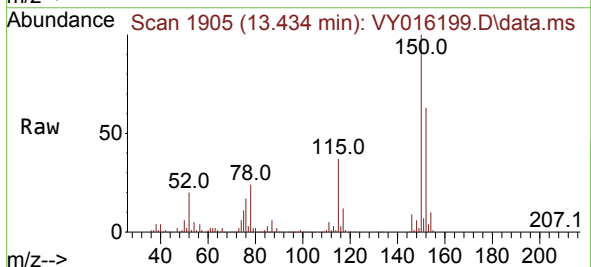
Tgt Ion:152 Resp: 110890

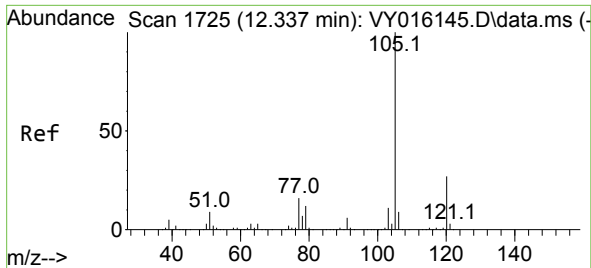
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 172.2 0.0 348.8

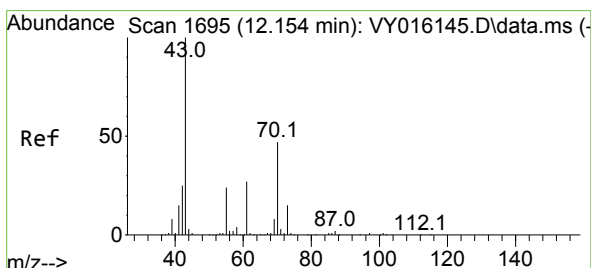
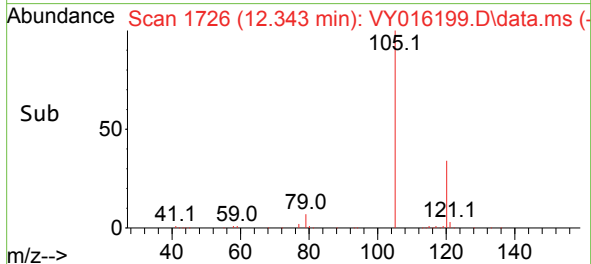
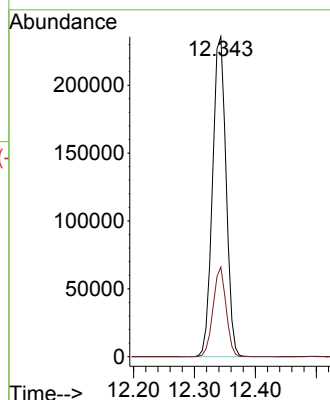
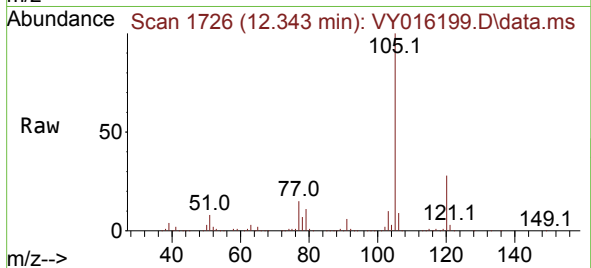




#73
Isopropylbenzene
Concen: 43.714 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

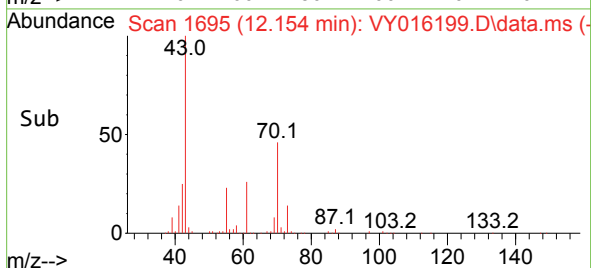
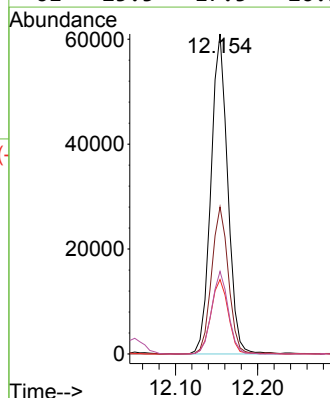
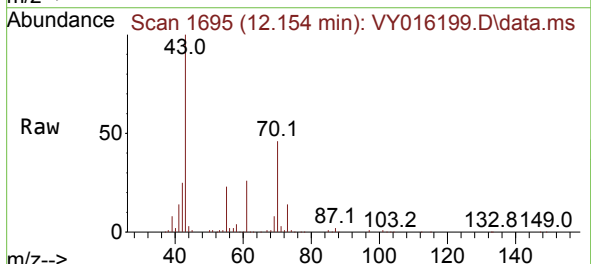
Instrument :
MSVOA_Y
ClientSampleId :

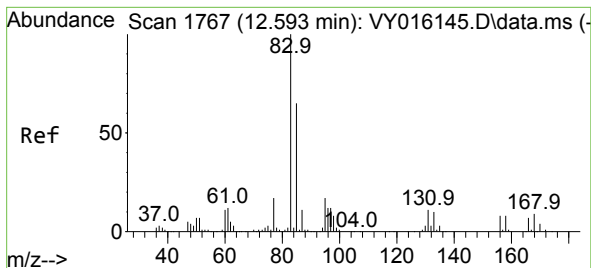
Tgt Ion:105 Resp: 363615
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-ethyl acetate
Concen: 47.861 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion: 43 Resp: 86513
Ion Ratio Lower Upper
43 100
70 45.9 29.7 44.5#
55 24.0 18.3 27.5
61 25.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.331 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

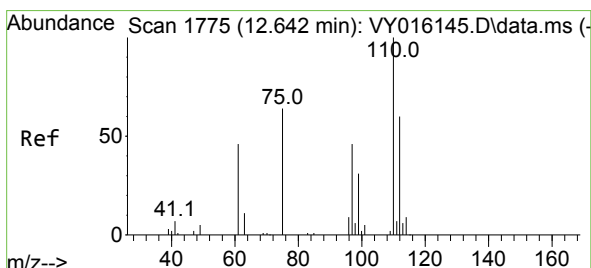
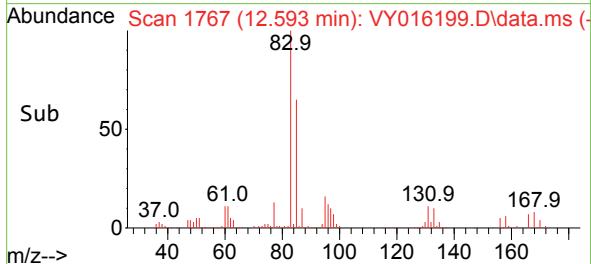
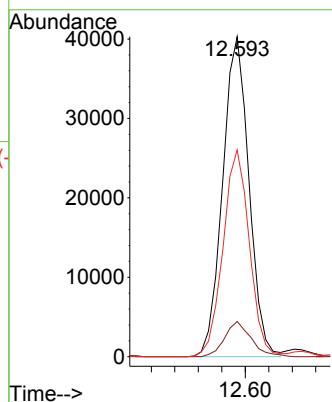
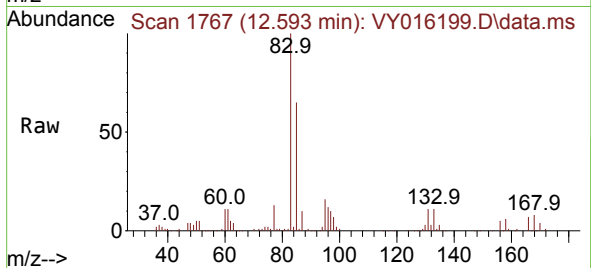
Tgt Ion: 83 Resp: 62648

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

85 64.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 82.591 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016199.D

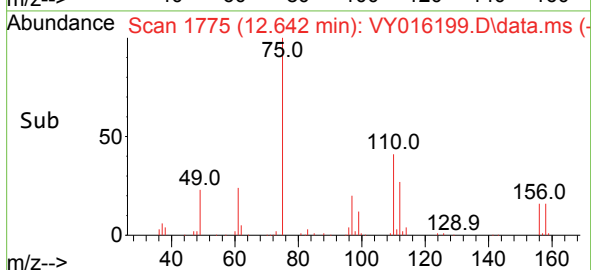
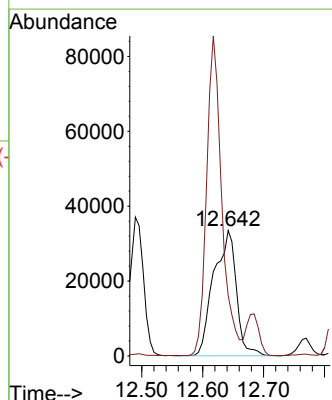
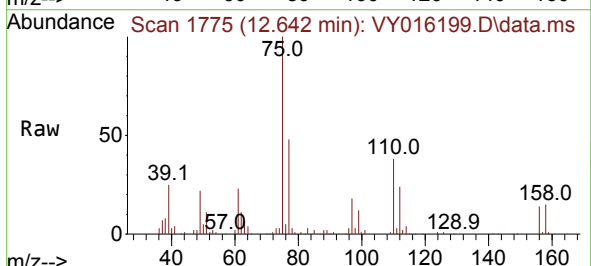
Acq: 02 Nov 2023 18:40

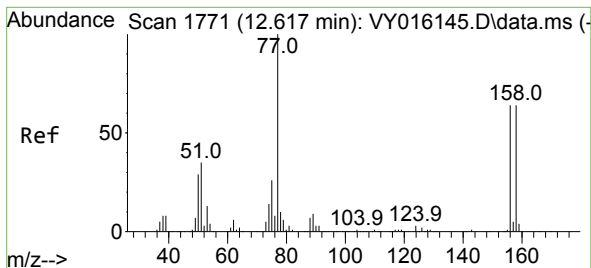
Tgt Ion: 75 Resp: 86247

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.628 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

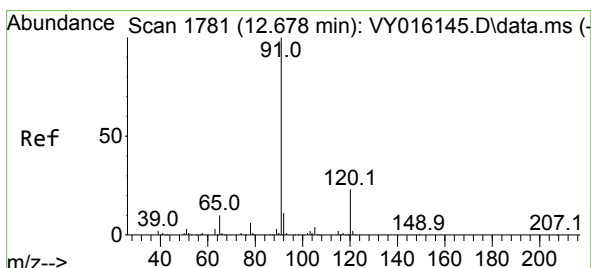
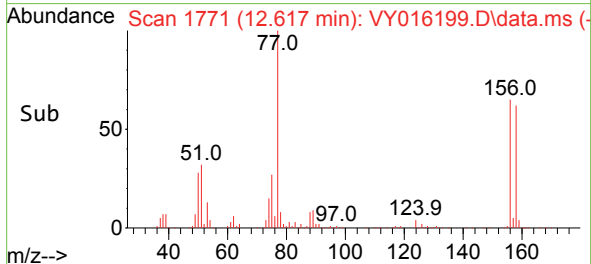
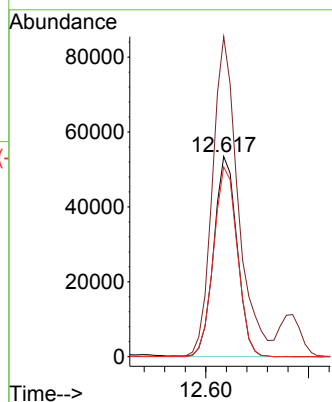
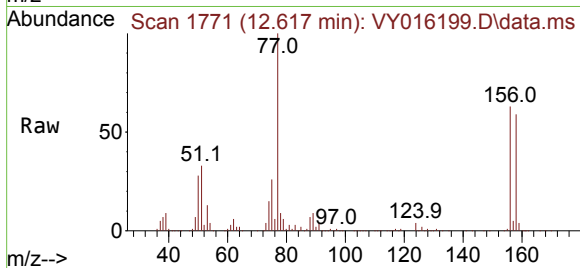
Tgt Ion:156 Resp: 84057

Ion Ratio Lower Upper

156 100

77 175.6 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 44.020 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016199.D

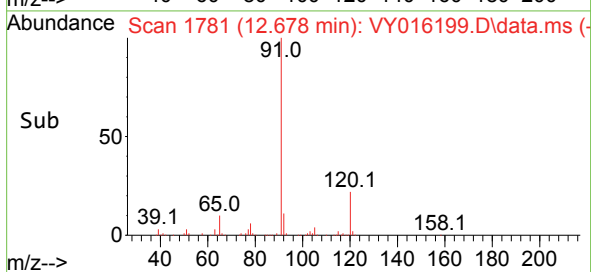
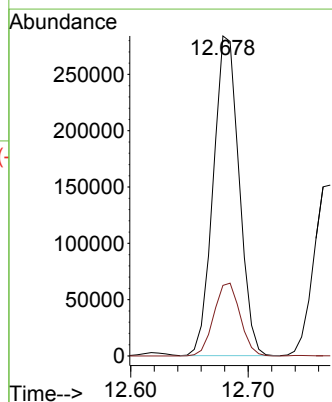
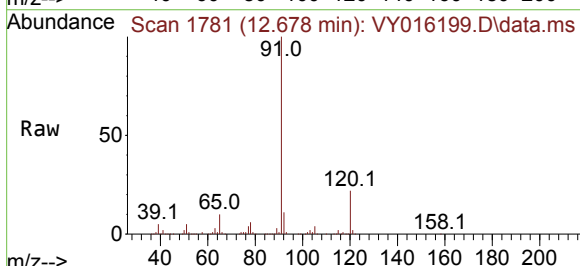
Acq: 02 Nov 2023 18:40

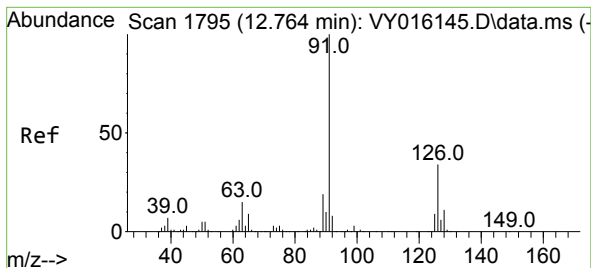
Tgt Ion: 91 Resp: 432906

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 44.159 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

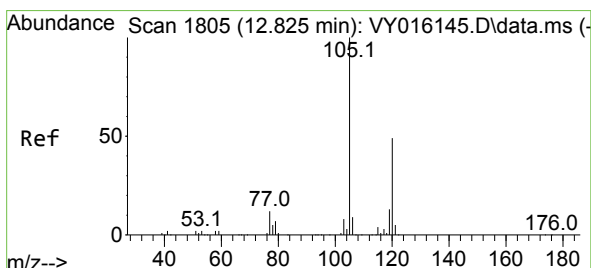
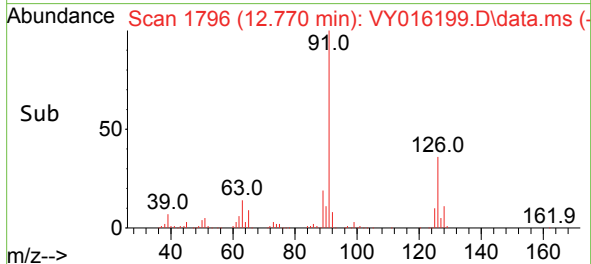
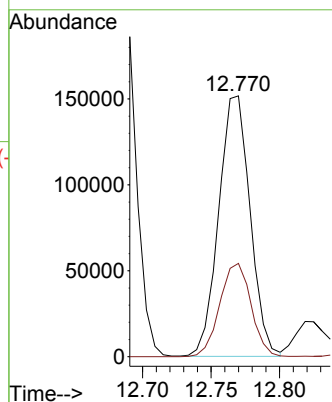
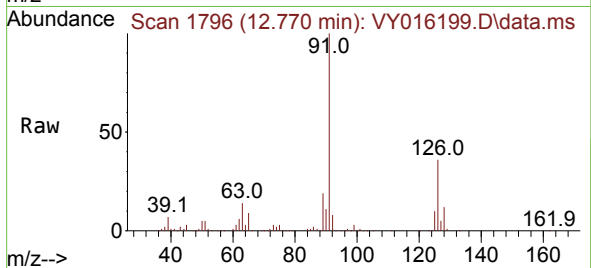
ClientSampleId :

Tgt Ion: 91 Resp: 242210

Ion Ratio Lower Upper

91 100

126 35.6 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 43.687 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VY016199.D

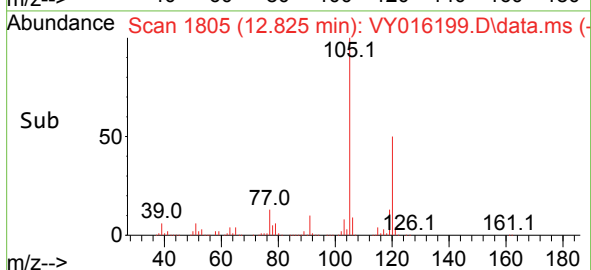
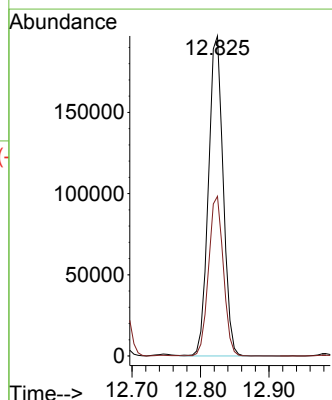
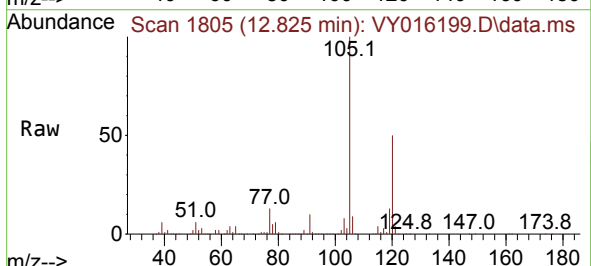
Acq: 02 Nov 2023 18:40

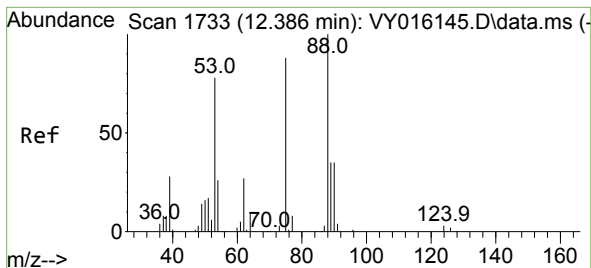
Tgt Ion:105 Resp: 294408

Ion Ratio Lower Upper

105 100

120 50.3 23.9 71.7

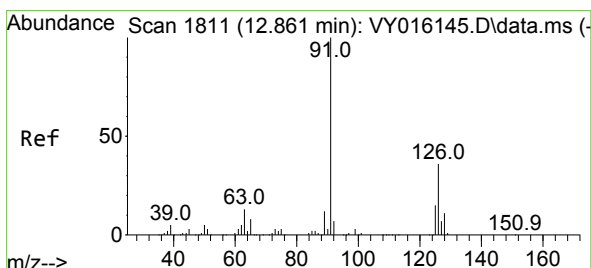
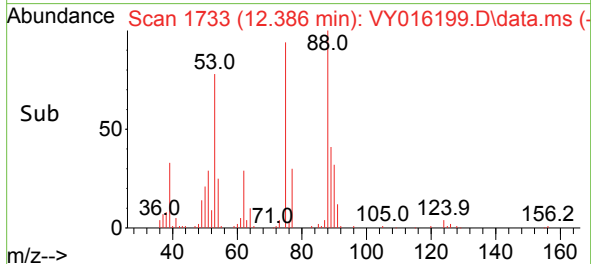
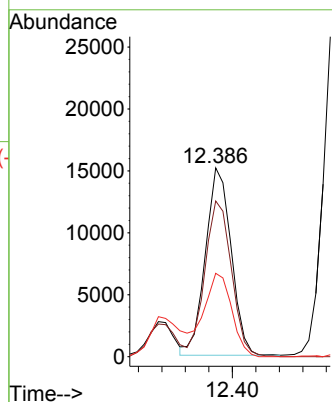
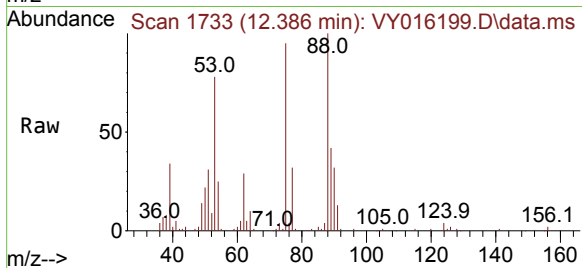




#81
trans-1,4-Dichloro-2-butene
Concen: 47.691 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

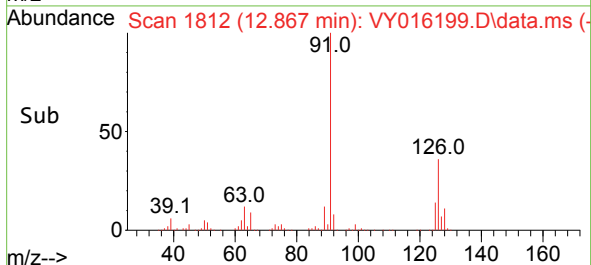
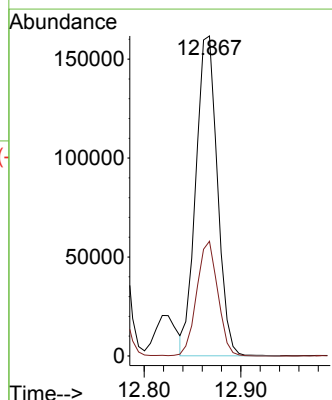
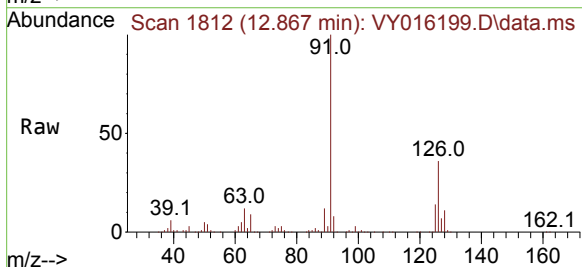
Instrument :
MSVOA_Y
ClientSampleId :

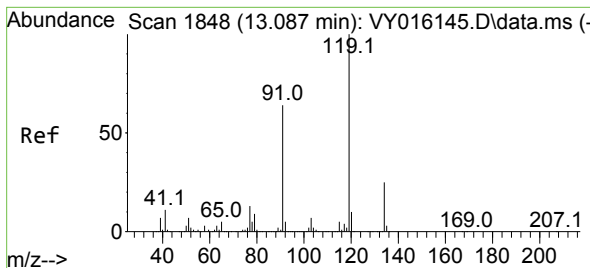
Tgt Ion: 75 Resp: 22969
Ion Ratio Lower Upper
75 100
53 85.8 77.8 116.8
89 48.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 44.434 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016199.D
Acq: 02 Nov 2023 18:40

Tgt Ion: 91 Resp: 250268
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 44.103 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

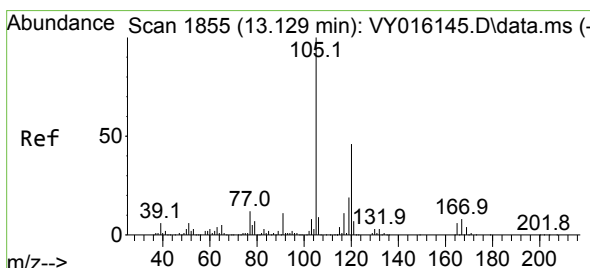
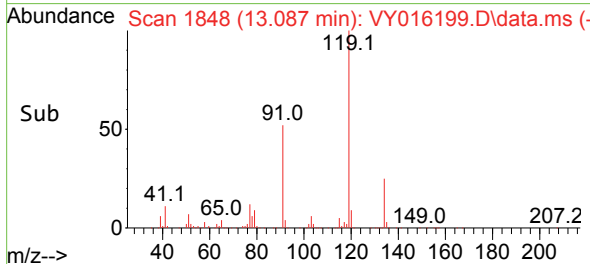
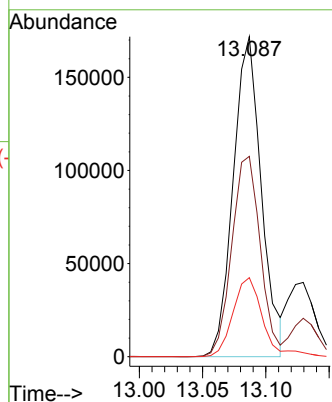
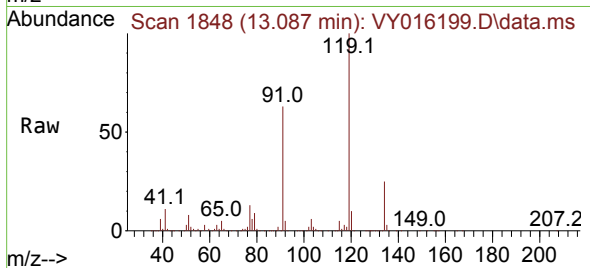
Tgt Ion:119 Resp: 265934

Ion Ratio Lower Upper

119 100

91 63.5 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 44.080 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016199.D

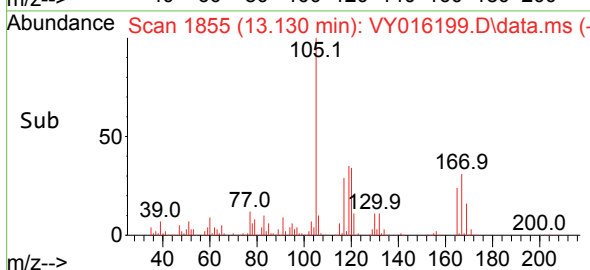
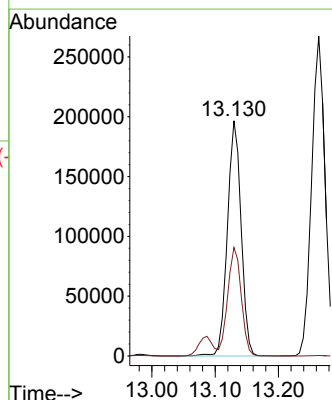
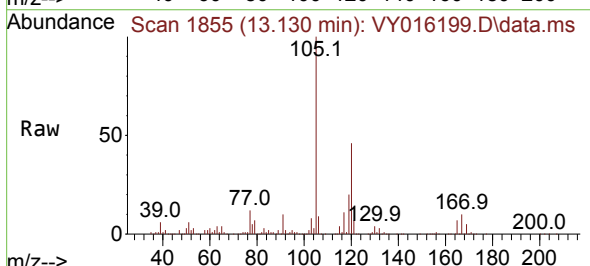
Acq: 02 Nov 2023 18:40

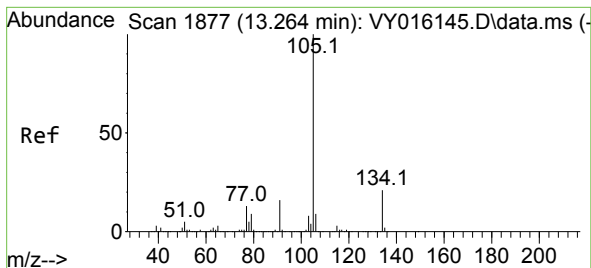
Tgt Ion:105 Resp: 293939

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 44.301 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

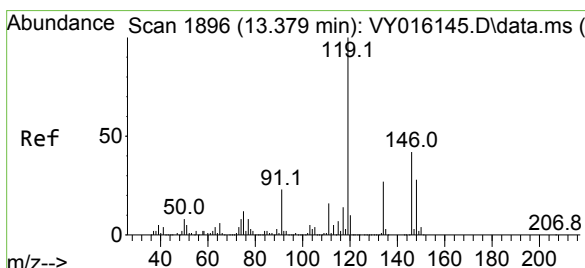
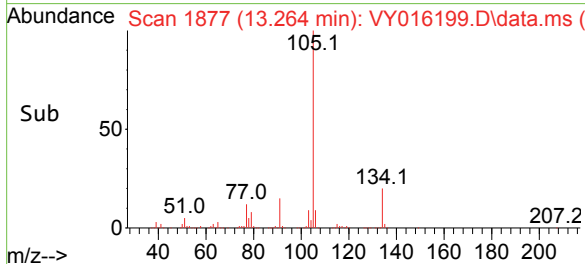
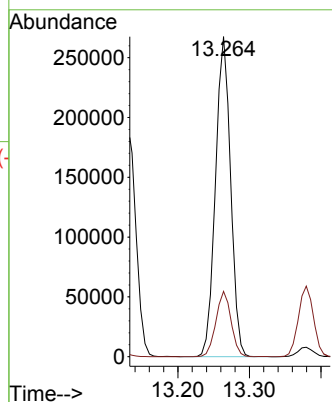
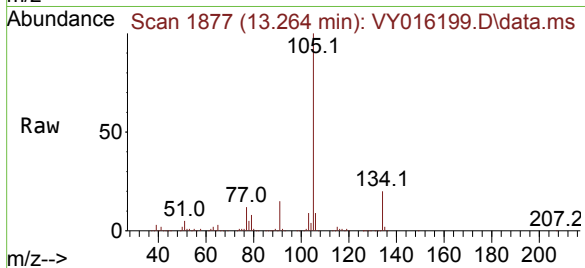
ClientSampleId :

Tgt Ion:105 Resp: 392072

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 44.176 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

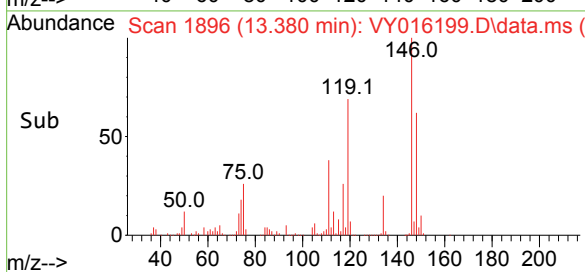
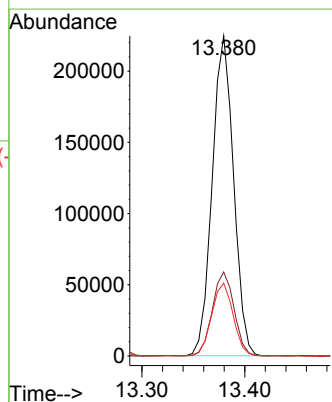
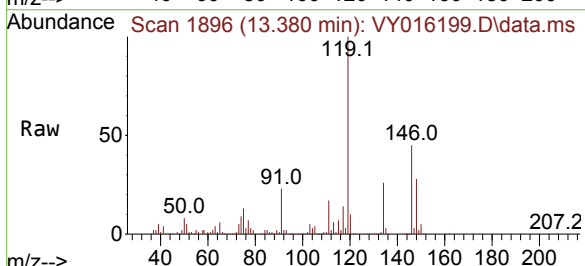
Tgt Ion:119 Resp: 324032

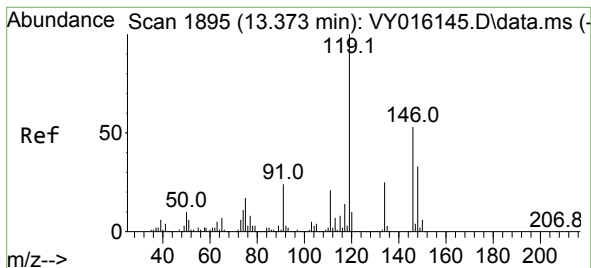
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 22.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 44.716 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

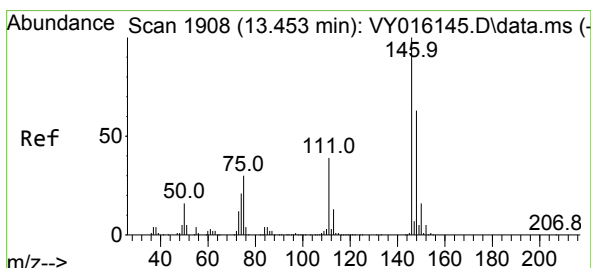
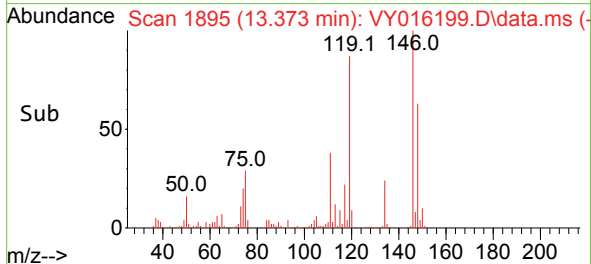
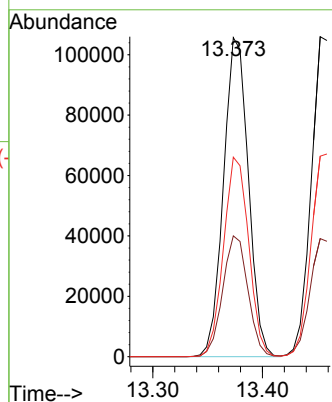
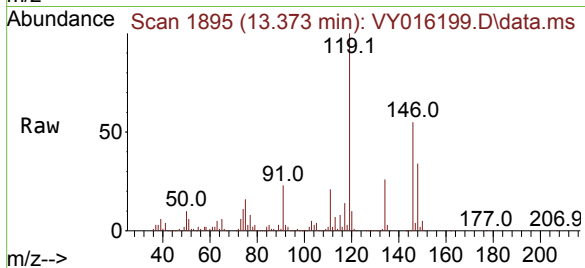
Tgt Ion:146 Resp: 166570

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.2

148 63.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 45.057 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

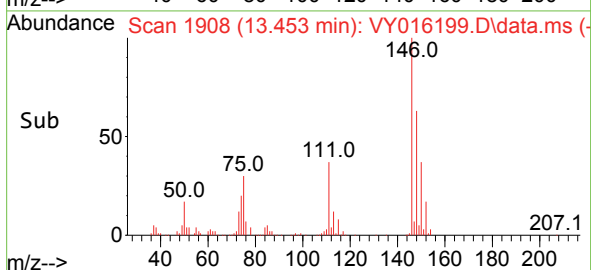
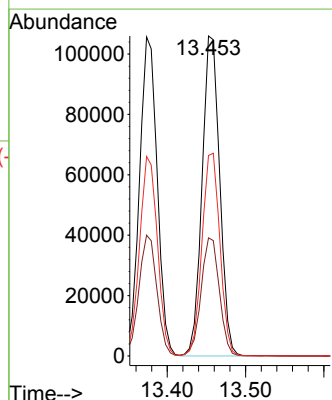
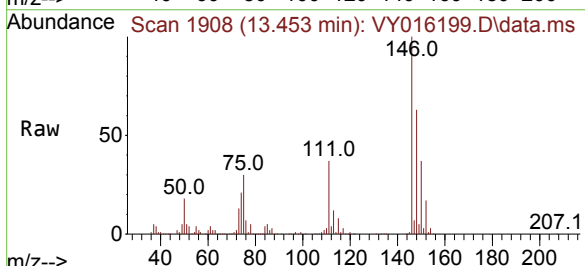
Tgt Ion:146 Resp: 165885

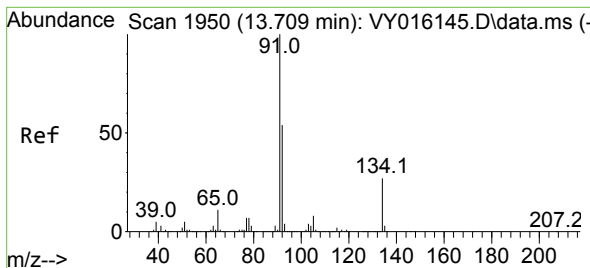
Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.7

148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 44.668 ug/l

RT: 13.703 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

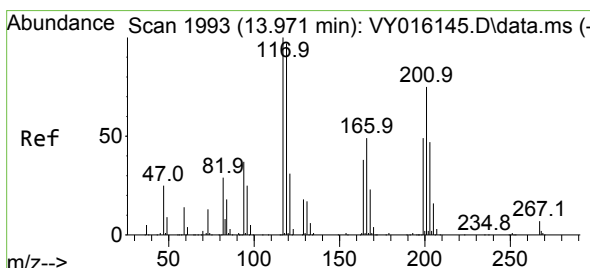
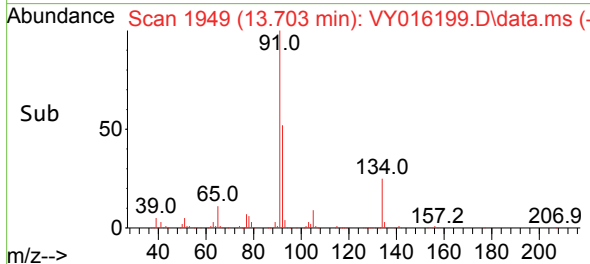
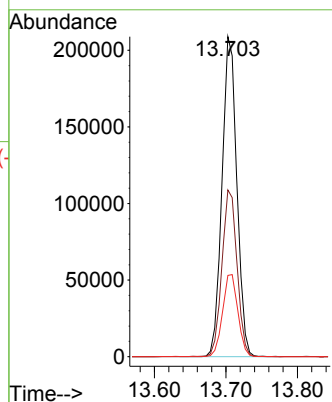
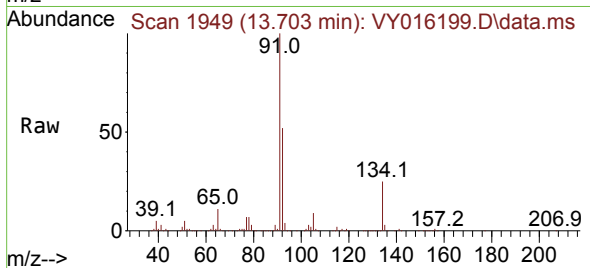
Tgt Ion: 91 Resp: 301051

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 46.546 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016199.D

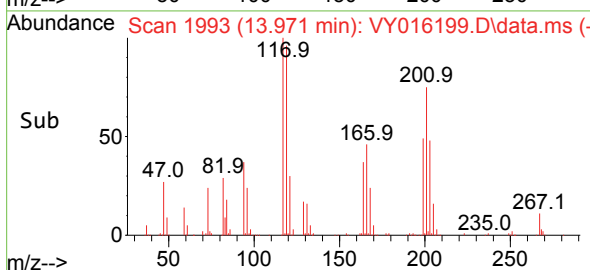
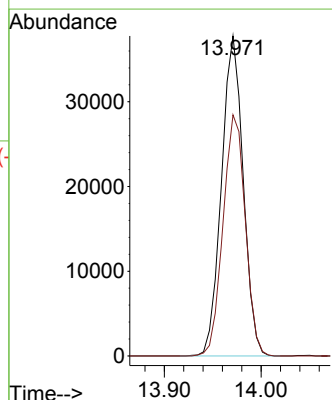
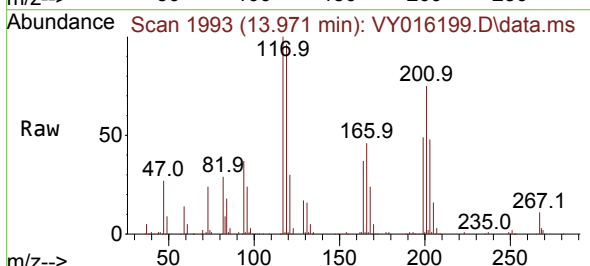
Acq: 02 Nov 2023 18:40

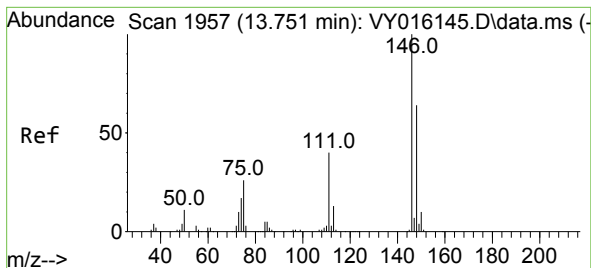
Tgt Ion: 117 Resp: 58836

Ion Ratio Lower Upper

117 100

201 77.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 45.239 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

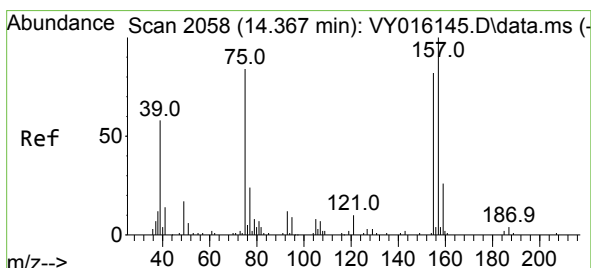
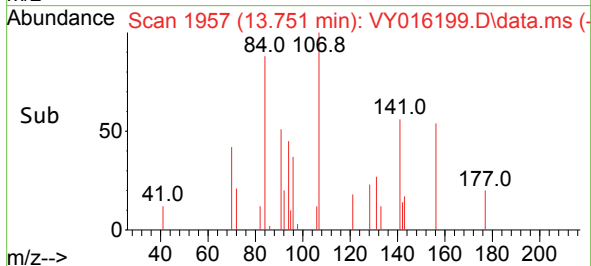
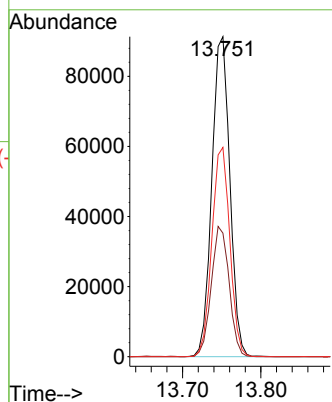
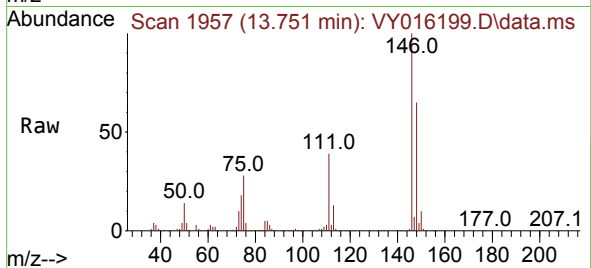
Tgt Ion:146 Resp: 145602

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.0

148 65.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.616 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

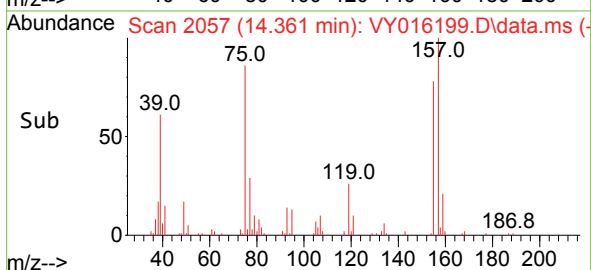
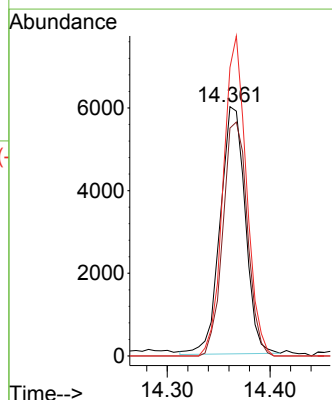
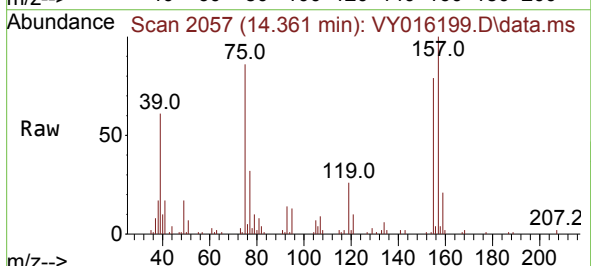
Tgt Ion: 75 Resp: 10095

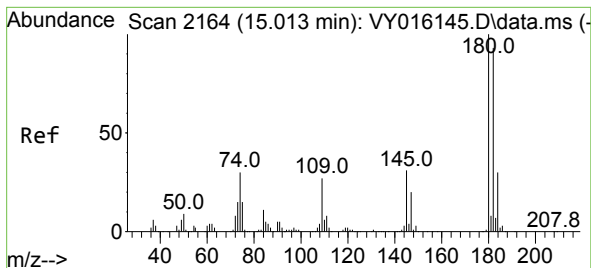
Ion Ratio Lower Upper

75 100

155 92.4 41.5 124.6

157 119.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 43.775 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

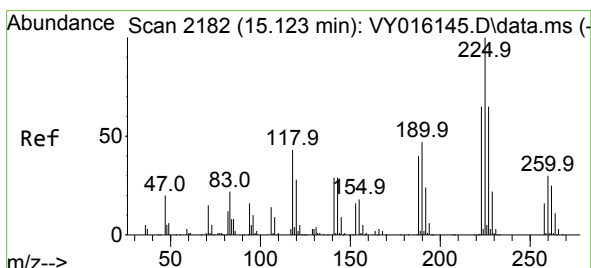
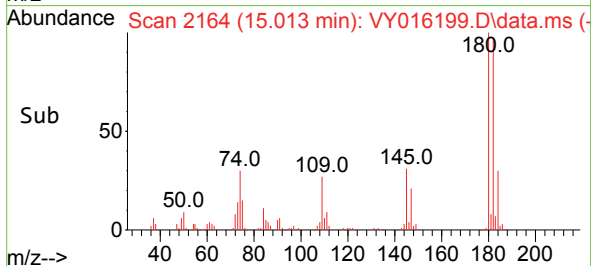
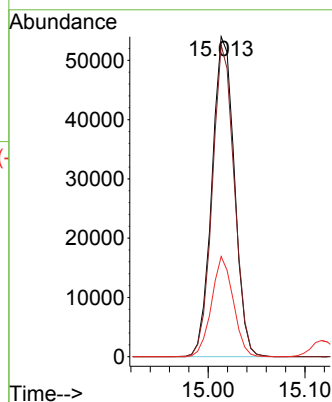
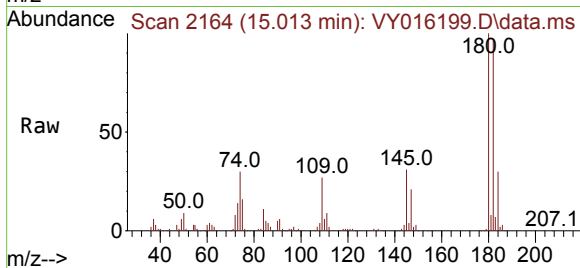
Tgt Ion:180 Resp: 86959

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 30.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 45.340 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

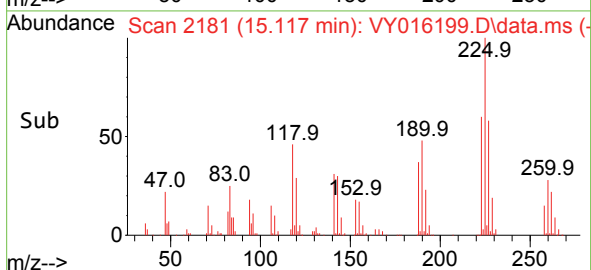
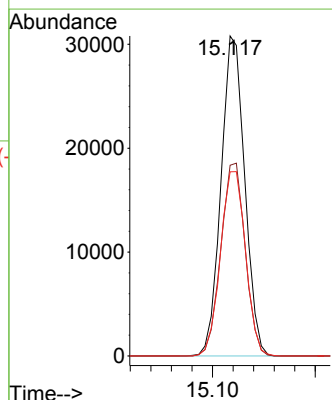
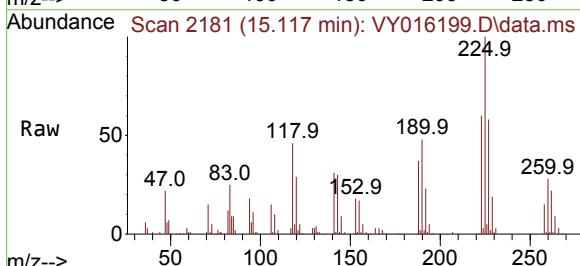
Tgt Ion:225 Resp: 49217

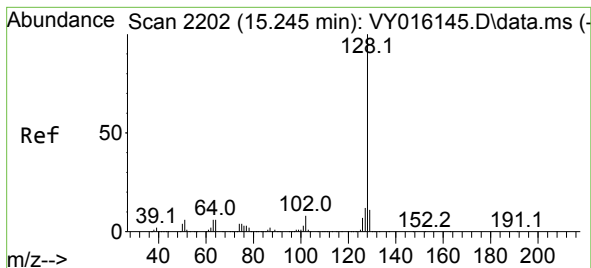
Ion Ratio Lower Upper

225 100

223 61.9 31.9 95.9

227 61.1 33.0 98.9





#95

Naphthalene

Concen: 45.449 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY016199.D

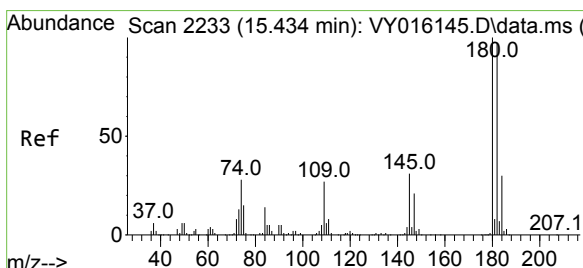
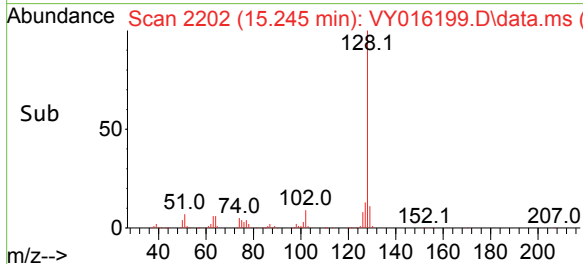
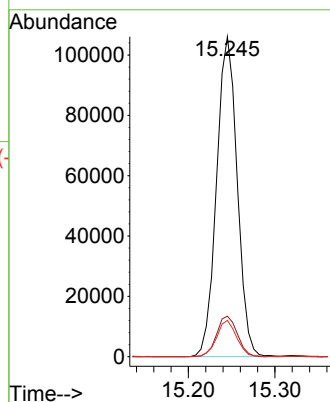
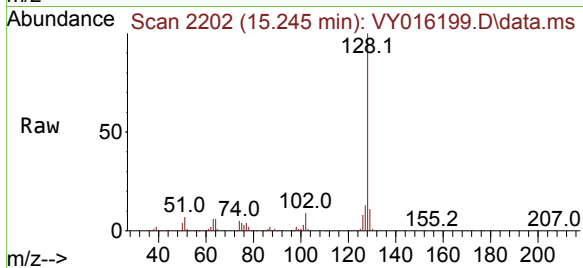
Acq: 02 Nov 2023 18:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	175393
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.8	16.2
129	11.0	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.180 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016199.D

Acq: 02 Nov 2023 18:40

Tgt Ion:	180	Resp:	74970
Ion Ratio	Lower	Upper	
180	100		
182	93.9	47.3	141.8
145	31.9	15.4	46.2

