

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016586.D
 Acq On : 04 Dec 2023 18:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 05 01:32:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	219349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	330973	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	289730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	141247	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	99447	49.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.100%
35) Dibromofluoromethane	7.734	113	99143	49.776	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.560%
50) Toluene-d8	10.197	98	378007	50.173	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.495	95	127525	51.471	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	80884	41.745	ug/l	98
3) Chloromethane	2.119	50	81518	40.556	ug/l	98
4) Vinyl Chloride	2.259	62	84084	41.424	ug/l	98
5) Bromomethane	2.662	94	54312	42.715	ug/l	97
6) Chloroethane	2.808	64	53235	42.458	ug/l	93
7) Trichlorofluoromethane	3.137	101	168018	43.786	ug/l	98
8) Diethyl Ether	3.540	74	47204	44.169	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.911	101	93322	43.489	ug/l	98
10) Methyl Iodide	4.113	142	108565	47.883	ug/l	99
11) Tert butyl alcohol	4.978	59	32136	232.645	ug/l #	79
12) 1,1-Dichloroethene	3.887	96	87705	44.992	ug/l	91
13) Acrolein	3.741	56	46079	229.454	ug/l	98
14) Allyl chloride	4.503	41	134067	45.066	ug/l	97
15) Acrylonitrile	5.180	53	98235	227.738	ug/l	98
16) Acetone	3.960	43	90443	197.141	ug/l	95
17) Carbon Disulfide	4.210	76	245726	44.961	ug/l	99
18) Methyl Acetate	4.497	43	88326	48.570	ug/l	92
19) Methyl tert-butyl Ether	5.241	73	223099	46.557	ug/l	100
20) Methylene Chloride	4.741	84	99969	49.387	ug/l	91
21) trans-1,2-Dichloroethene	5.241	96	99621	45.445	ug/l	96
22) Diisopropyl ether	6.137	45	281966	46.085	ug/l	90
23) Vinyl Acetate	6.076	43	659527	224.546	ug/l	95
24) 1,1-Dichloroethane	6.039	63	168418	44.806	ug/l	97
25) 2-Butanone	7.002	43	132974	210.786	ug/l	98
26) 2,2-Dichloropropane	7.002	77	157324	44.521	ug/l	97
27) cis-1,2-Dichloroethene	7.002	96	112464	46.608	ug/l	94
28) Bromochloromethane	7.356	49	75232	49.413	ug/l	85
29) Tetrahydrofuran	7.368	42	82905	230.504	ug/l	92
30) Chloroform	7.521	83	185990	46.419	ug/l	97
31) Cyclohexane	7.801	56	143997	41.606	ug/l	94
32) 1,1,1-Trichloroethane	7.722	97	172607	45.519	ug/l	98
36) 1,1-Dichloropropene	7.935	75	135875	44.876	ug/l	98
37) Ethyl Acetate	7.094	43	56664	44.725	ug/l #	94
38) Carbon Tetrachloride	7.917	117	158218	45.139	ug/l	99
39) Methylcyclohexane	9.203	83	164041	44.968	ug/l	91
40) Benzene	8.179	78	385807	45.207	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	30205	41.280	ug/l	98
42) 1,2-Dichloroethane	8.252	62	115759	46.714	ug/l	95
43) Isopropyl Acetate	8.289	43	112706	46.114	ug/l	92
44) Trichloroethene	8.959	130	117455	45.637	ug/l	92
45) 1,2-Dichloropropane	9.234	63	93260	45.390	ug/l	91
46) Dibromomethane	9.319	93	52341	46.469	ug/l	98
47) Bromodichloromethane	9.514	83	138444	46.168	ug/l	98
48) Methyl methacrylate	9.307	41	65412	46.343	ug/l	92
49) 1,4-Dioxane	9.313	88	11175	980.196	ug/l #	57
51) 4-Methyl-2-Pentanone	10.081	43	296103	233.126	ug/l	93
52) Toluene	10.258	92	248813	46.518	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	131962	46.630	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	155326	46.733	ug/l	95
55) 1,1,2-Trichloroethane	10.660	97	72977	46.512	ug/l	95
56) Ethyl methacrylate	10.526	69	69198	48.114	ug/l	90
57) 1,3-Dichloropropane	10.807	76	124049	46.801	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	231824	261.562	ug/l	92
59) 2-Hexanone	10.843	43	211719	220.347	ug/l	93
60) Dibromochloromethane	10.996	129	98039	46.765	ug/l	100
61) 1,2-Dibromoethane	11.105	107	70633	47.863	ug/l	99
64) Tetrachloroethene	10.733	164	121624	45.804	ug/l	97
65) Chlorobenzene	11.532	112	271316	46.234	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	106185	46.296	ug/l	99
67) Ethyl Benzene	11.605	91	475713	45.201	ug/l	97
68) m/p-Xylenes	11.715	106	366499	91.733	ug/l	95
69) o-Xylene	12.044	106	174812	46.870	ug/l	96
70) Styrene	12.056	104	254989	47.650	ug/l	99
71) Bromoform	12.221	173	58201	46.993	ug/l #	99
73) Isopropylbenzene	12.343	105	482805	46.162	ug/l	100
74) N-amyl acetate	12.160	43	94248	45.192	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.593	83	74879	45.012	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	101929	79.886	ug/l #	100
77) Bromobenzene	12.623	156	114289	46.365	ug/l	90
78) n-propylbenzene	12.684	91	551757	45.325	ug/l	97
79) 2-Chlorotoluene	12.770	91	313485	45.698	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	392257	46.156	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	25178	44.514	ug/l	97
82) 4-Chlorotoluene	12.867	91	316660	44.611	ug/l	97
83) tert-Butylbenzene	13.087	119	356050	46.891	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	384841	46.360	ug/l	98
85) sec-Butylbenzene	13.263	105	481520	45.151	ug/l	97
86) p-Isopropyltoluene	13.385	119	426028	46.020	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	214778	45.645	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	211848	45.875	ug/l	99
89) n-Butylbenzene	13.709	91	385528	46.308	ug/l	96
90) Hexachloroethane	13.977	117	81890	44.957	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	184865	45.760	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	12235	45.960	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	107987	47.370	ug/l	99
94) Hexachlorobutadiene	15.123	225	65032	45.152	ug/l	99
95) Naphthalene	15.251	128	184036	50.118	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	87198	49.201	ug/l	99

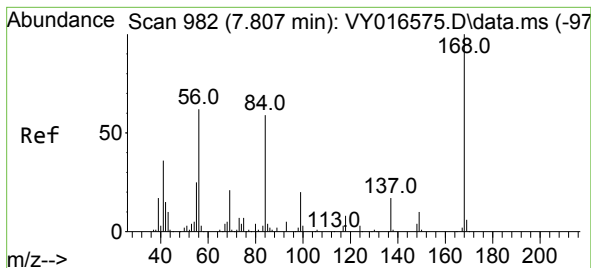
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.807 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

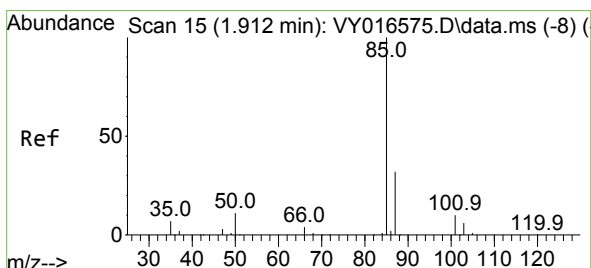
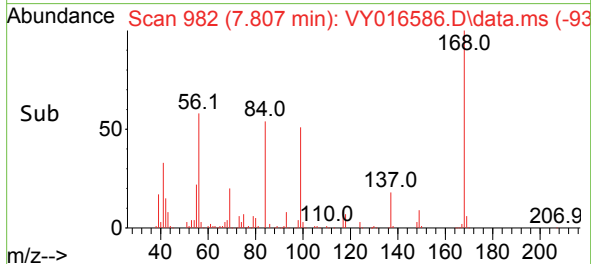
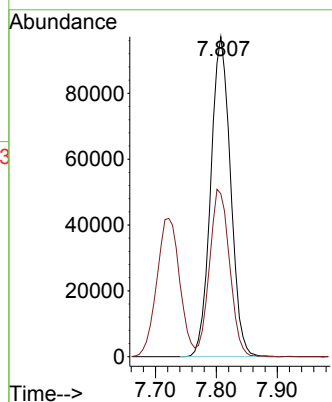
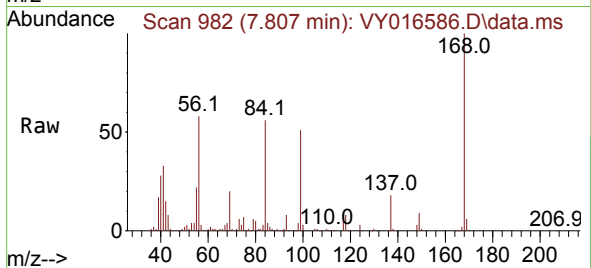
ClientSampleId :

Tgt Ion:168 Resp: 219349

Ion Ratio Lower Upper

168 100

99 50.9 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 41.745 ug/l

RT: 1.912 min Scan# 15

Delta R.T. -0.000 min

Lab File: VY016586.D

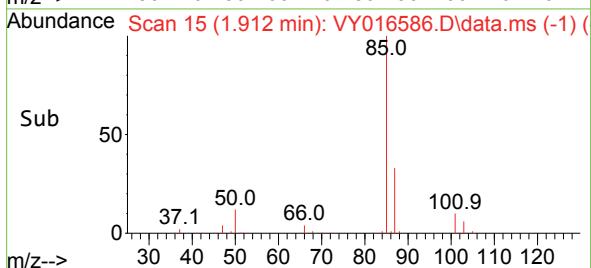
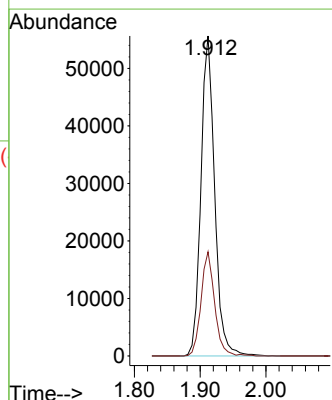
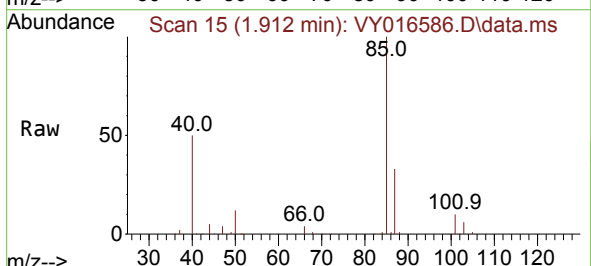
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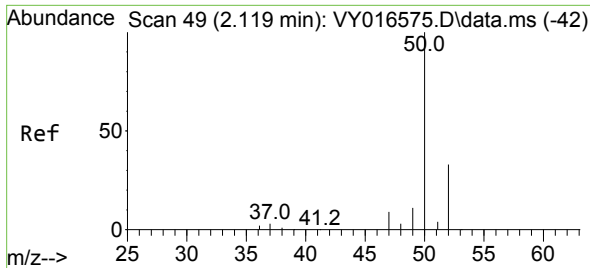
Tgt Ion: 85 Resp: 80884

Ion Ratio Lower Upper

85 100

87 32.6 15.6 46.8

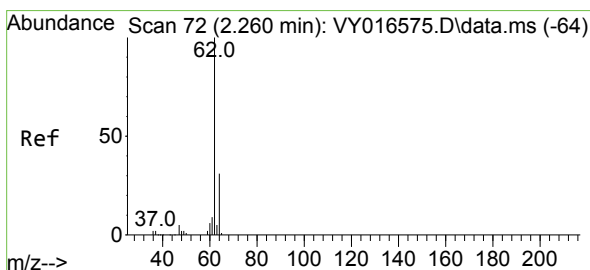
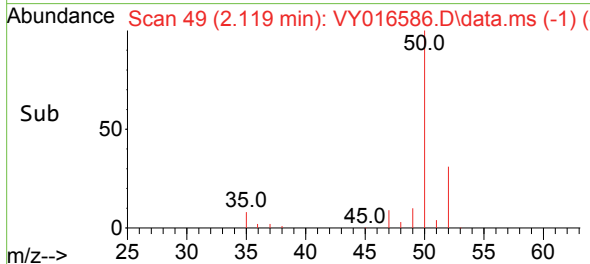
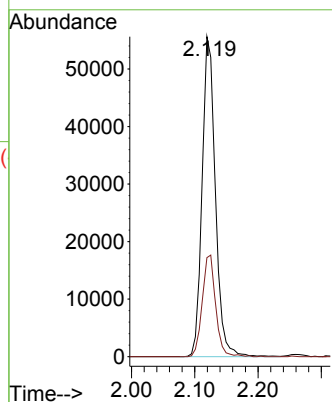
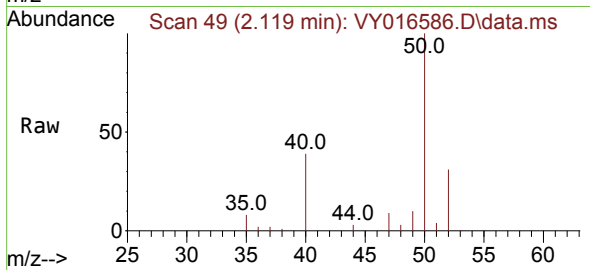




#3
Chloromethane
Concen: 40.556 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

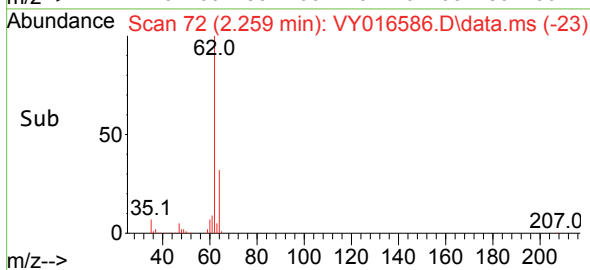
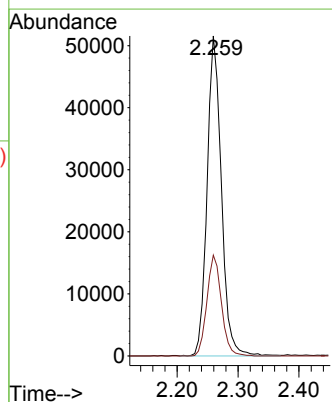
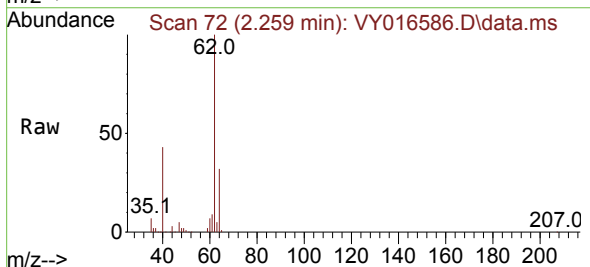
Instrument :
MSVOA_Y
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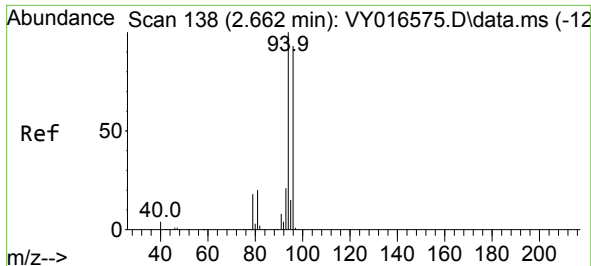
Tgt Ion: 50 Resp: 81518
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.2



#4
Vinyl Chloride
Concen: 41.424 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion: 62 Resp: 84084
Ion Ratio Lower Upper
62 100
64 31.5 24.3 36.5

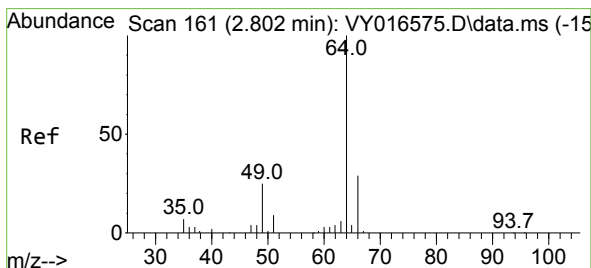
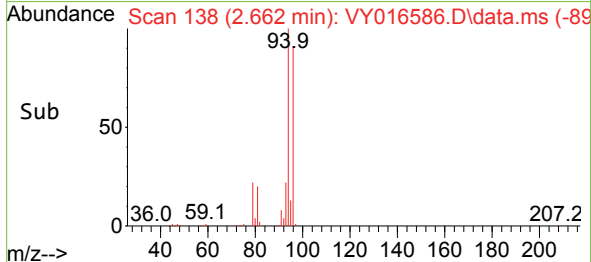
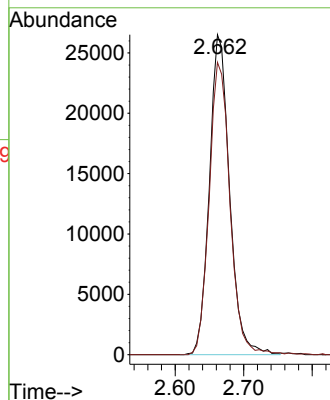
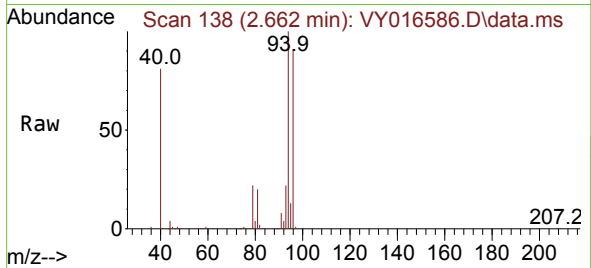




#5
Bromomethane
Concen: 42.715 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

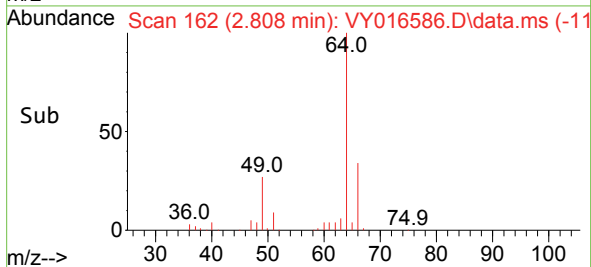
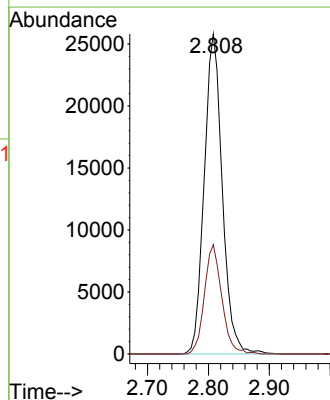
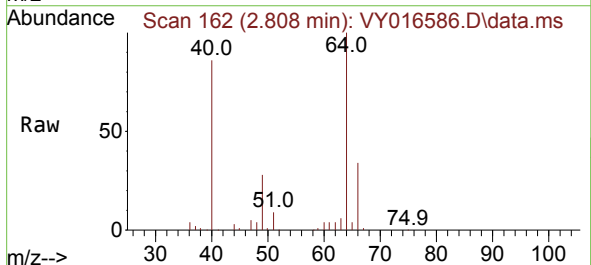
Instrument :
MSVOA_Y
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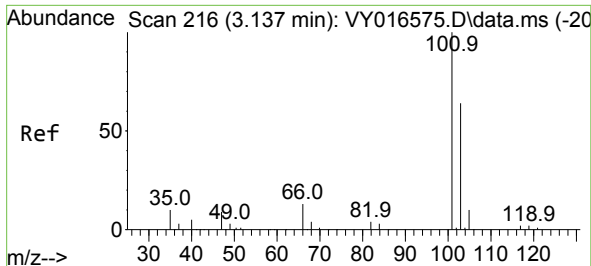
Tgt Ion: 94 Resp: 54312
Ion Ratio Lower Upper
94 100
96 91.4 75.8 113.6



#6
Chloroethane
Concen: 42.458 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

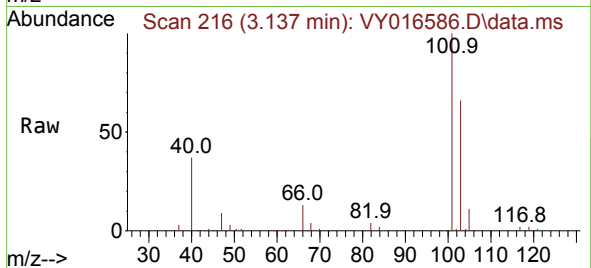
Tgt Ion: 64 Resp: 53235
Ion Ratio Lower Upper
64 100
66 34.2 24.4 36.6



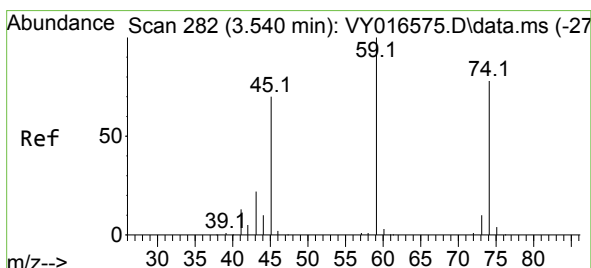
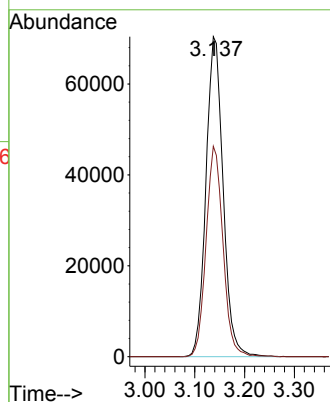
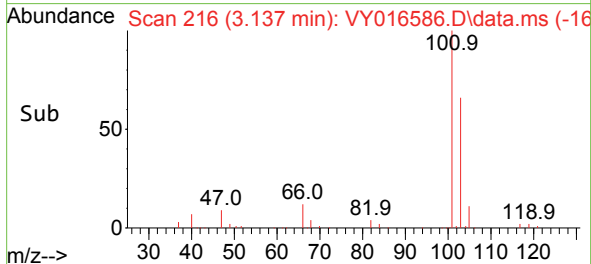


#7
 Trichlorofluoromethane
 Concen: 43.786 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
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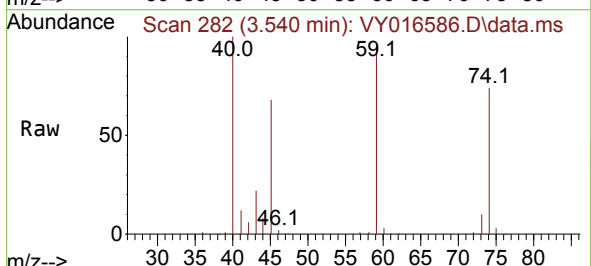
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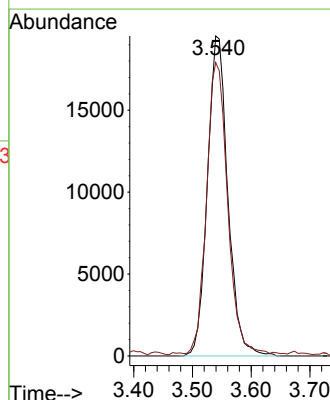
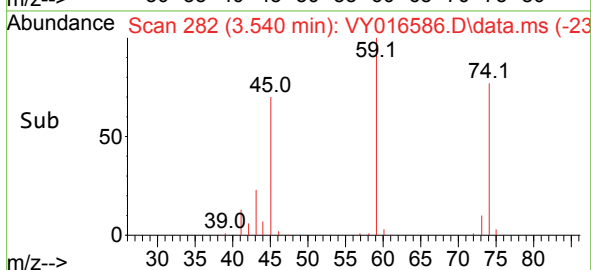
Tgt Ion:101 Resp: 168018
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.4 77.0

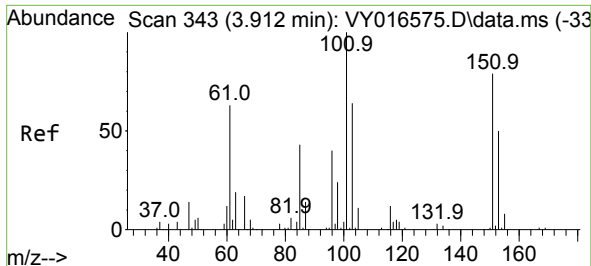


#8
 Diethyl Ether
 Concen: 44.169 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016586.D
 Acq: 04 Dec 2023 18:53



Tgt Ion: 74 Resp: 47204
 Ion Ratio Lower Upper
 74 100
 45 93.8 51.5 154.5

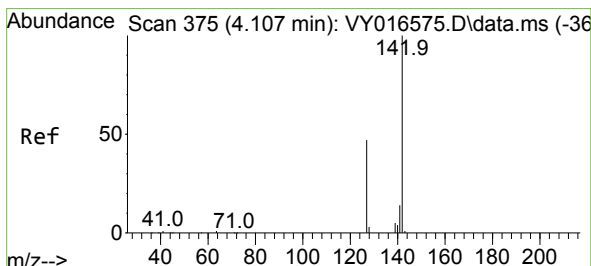
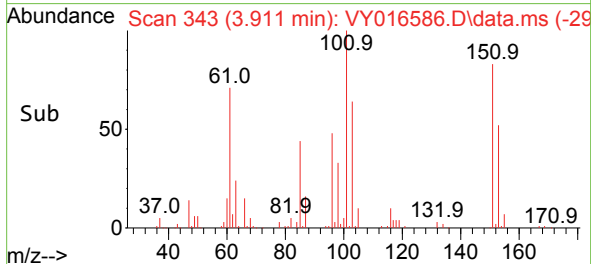
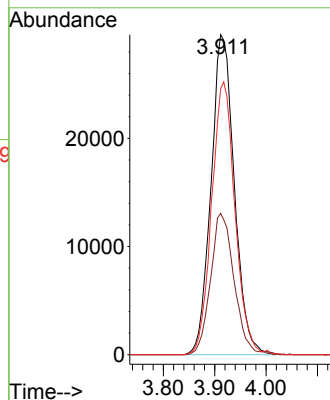
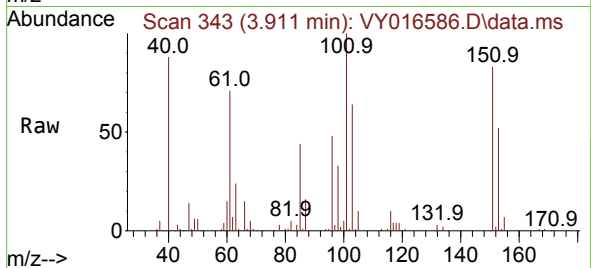




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.489 ug/l
RT: 3.911 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY016586.D
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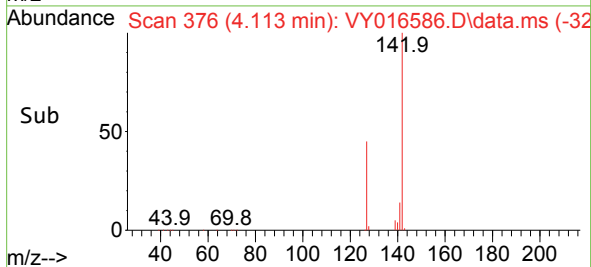
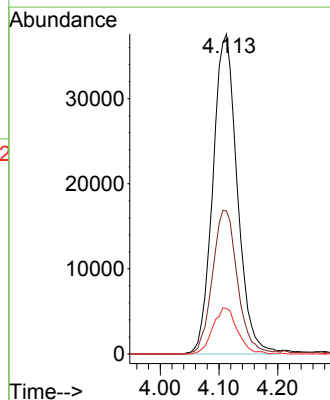
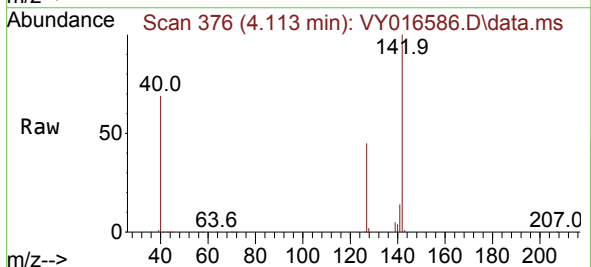
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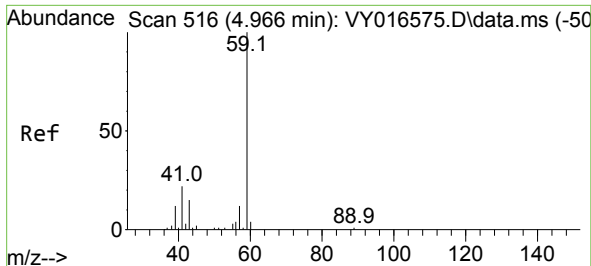
Tgt Ion:101 Resp: 93322
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 85.4 67.0 100.6



#10
Methyl Iodide
Concen: 47.883 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion:142 Resp: 108565
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 14.5 11.8 17.8





#11

Tert butyl alcohol

Concen: 232.645 ug/l

RT: 4.978 min Scan# 516

Delta R.T. 0.012 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

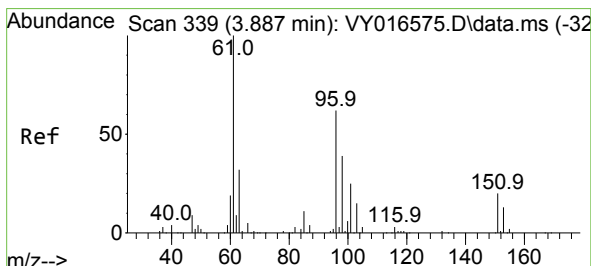
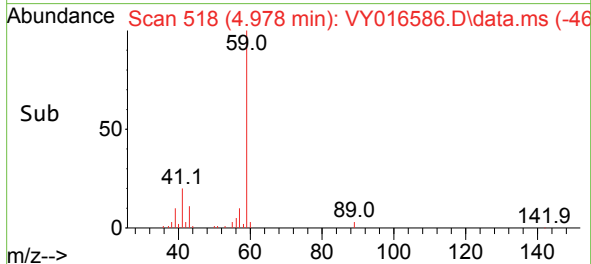
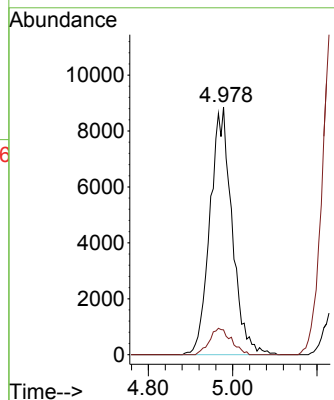
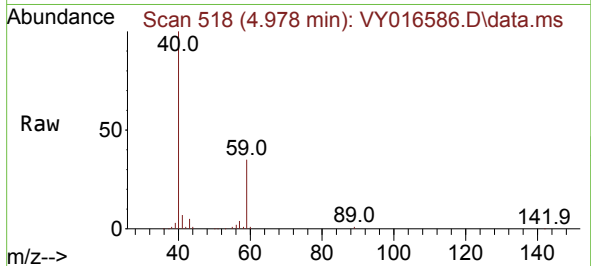
ClientSampleId :

Tgt Ion: 59 Resp: 32136

Ion Ratio Lower Upper

59 100

57 10.5 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 44.992 ug/l

RT: 3.887 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

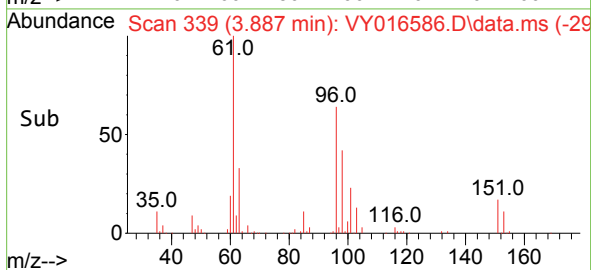
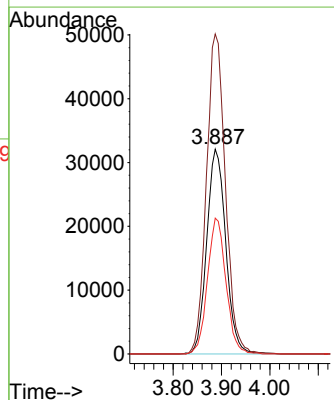
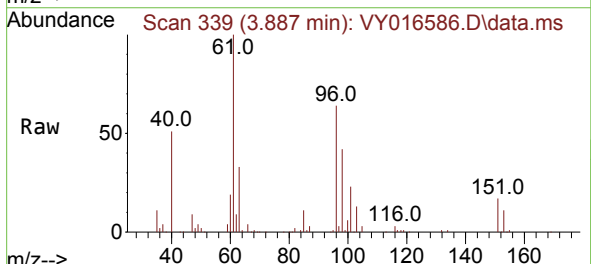
Tgt Ion: 96 Resp: 87705

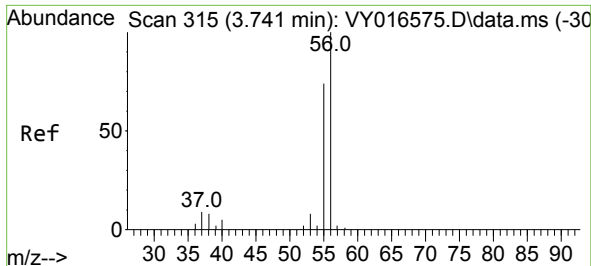
Ion Ratio Lower Upper

96 100

61 156.3 136.4 204.6

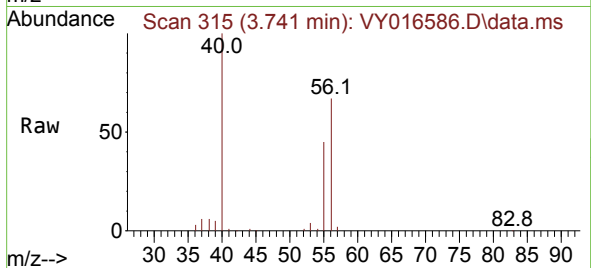
98 66.4 49.4 74.2



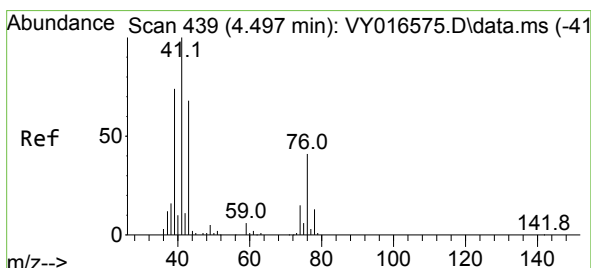
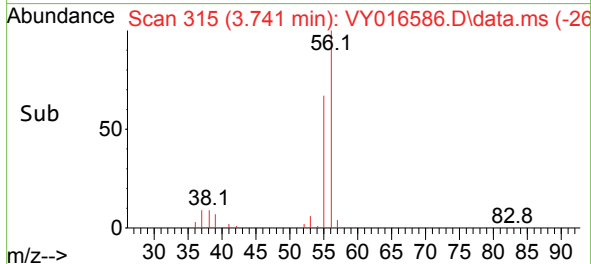
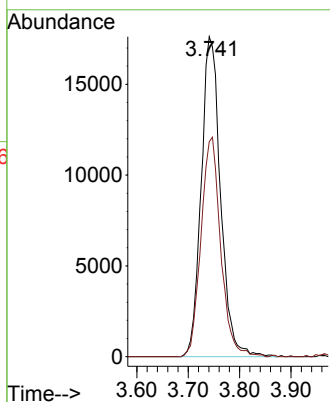


#13
Acrolein
Concen: 229.454 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

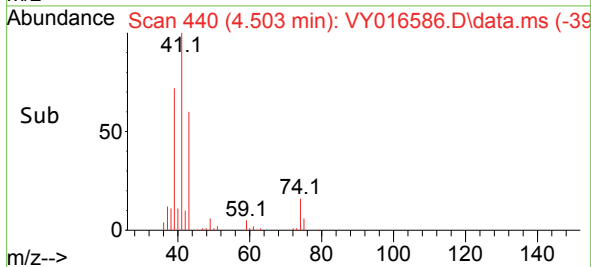
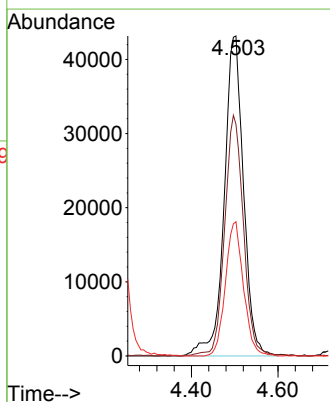
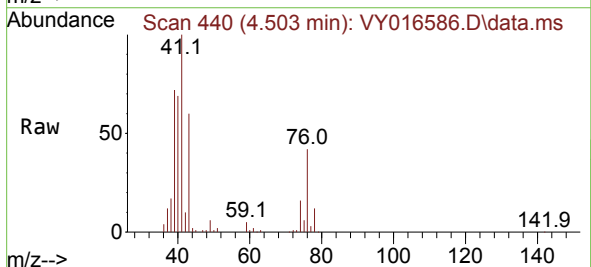


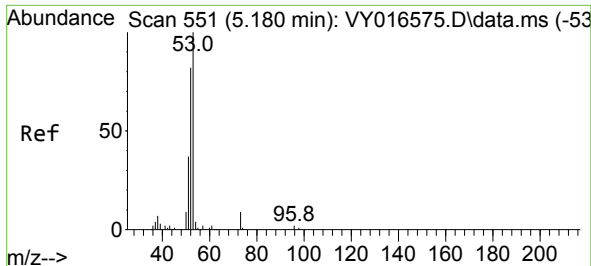
Tgt Ion: 56 Resp: 46079
Ion Ratio Lower Upper
56 100
55 69.7 57.0 85.4



#14
Allyl chloride
Concen: 45.066 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

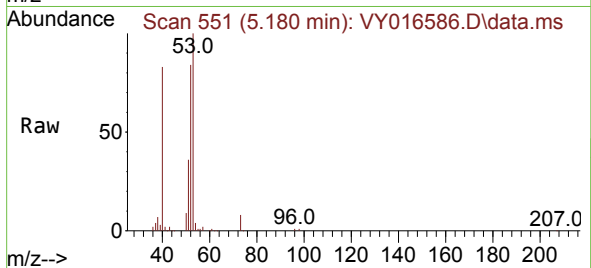
Tgt Ion: 41 Resp: 134067
Ion Ratio Lower Upper
41 100
39 73.1 58.0 87.0
76 39.2 27.4 41.2



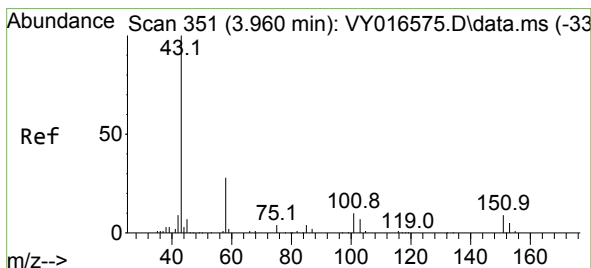
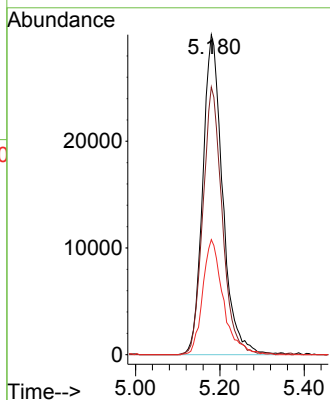
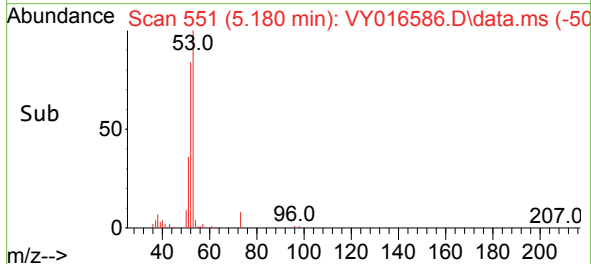


#15
Acrylonitrile
Concen: 227.738 ug/l
RT: 5.180 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

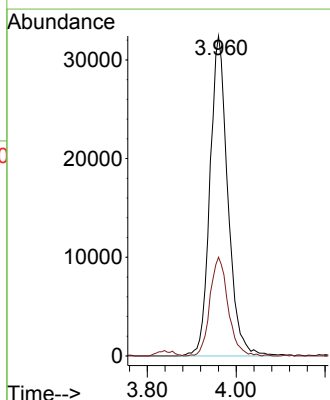
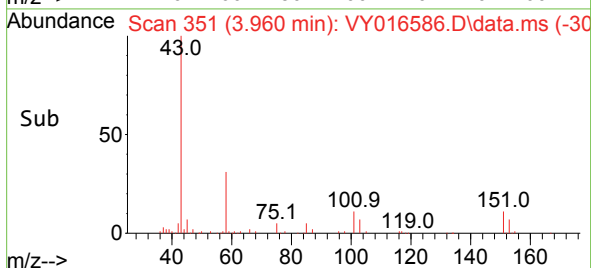
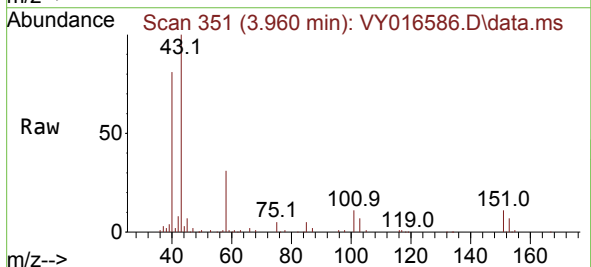


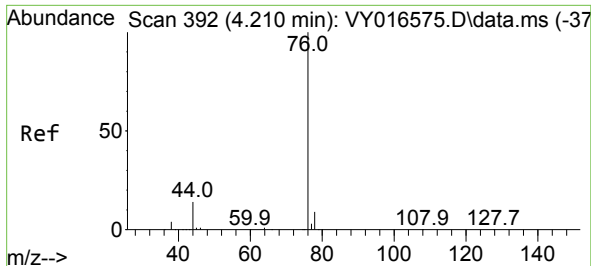
Tgt Ion: 53 Resp: 98235
Ion Ratio Lower Upper
53 100
52 81.5 66.9 100.3
51 37.3 29.8 44.6



#16
Acetone
Concen: 197.141 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion: 43 Resp: 90443
Ion Ratio Lower Upper
43 100
58 30.8 22.7 34.1

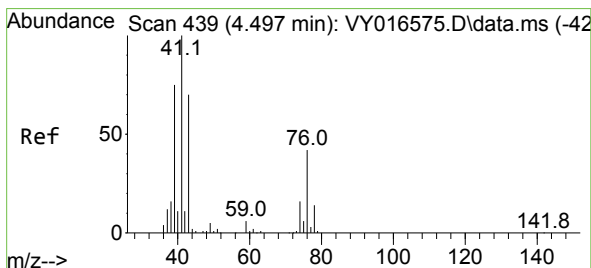
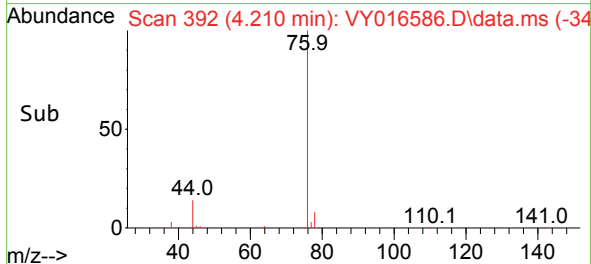
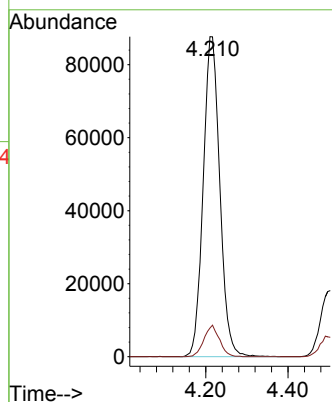
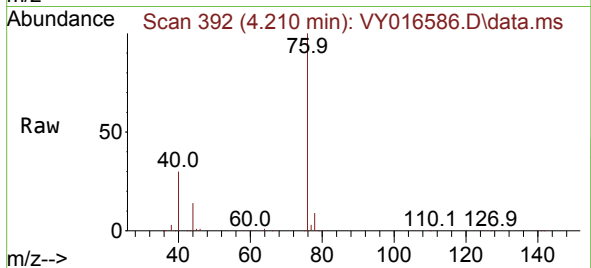




#17
Carbon Disulfide
Concen: 44.961 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

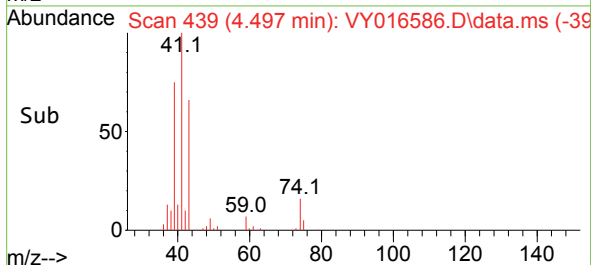
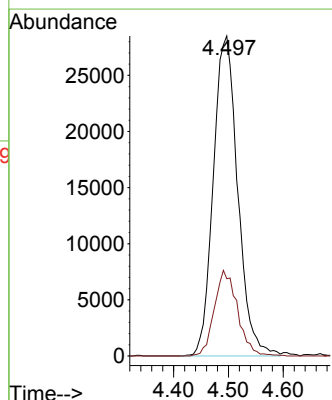
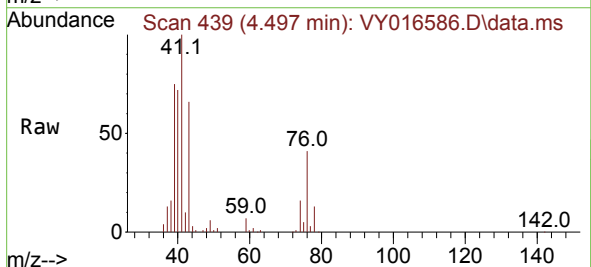
Instrument :
MSVOA_Y
ClientSampleId :

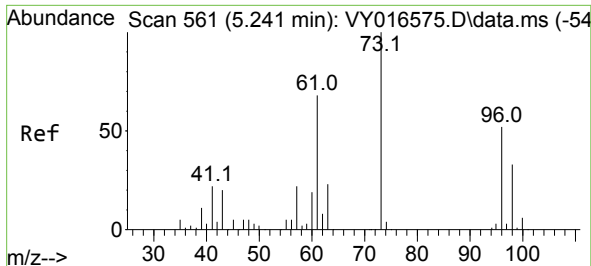
Tgt Ion: 76 Resp: 245726
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 48.570 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion: 43 Resp: 88326
Ion Ratio Lower Upper
43 100
74 25.4 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 46.557 ug/l

RT: 5.241 min Scan# 5

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

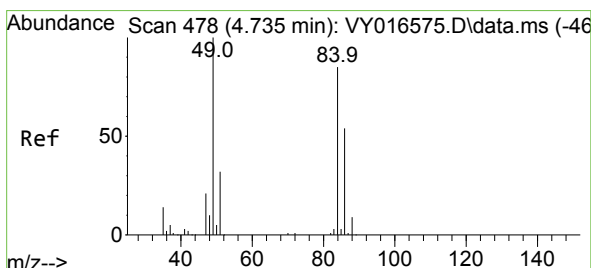
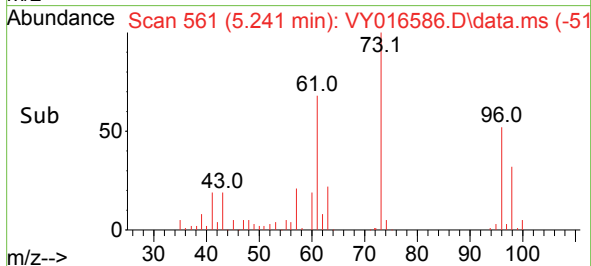
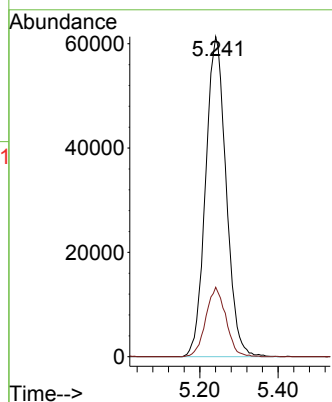
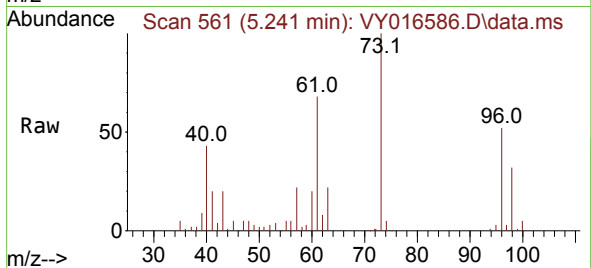
ClientSampleId :

Tgt Ion: 73 Resp: 223099

Ion Ratio Lower Upper

73 100

57 21.7 17.3 25.9



#20

Methylene Chloride

Concen: 49.387 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Tgt Ion: 84 Resp: 99969

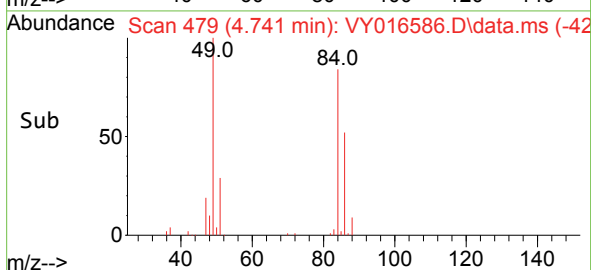
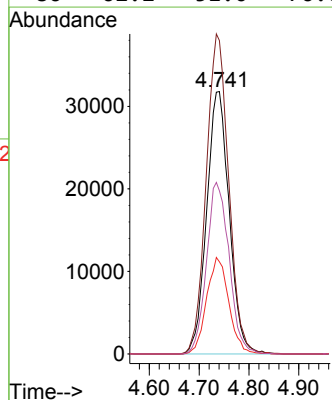
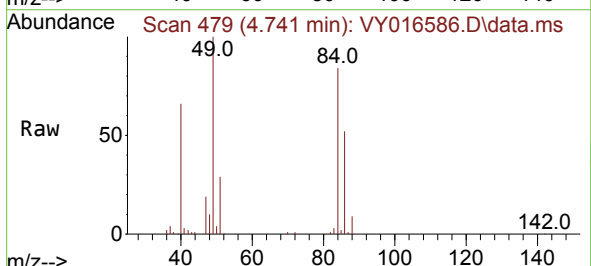
Ion Ratio Lower Upper

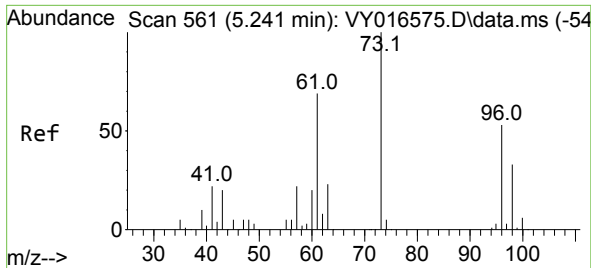
84 100

49 119.5 106.9 160.3

51 35.2 33.2 49.8

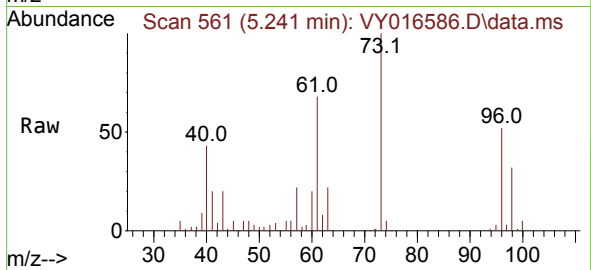
86 62.2 51.0 76.6



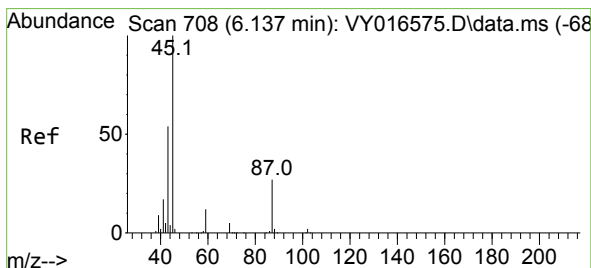
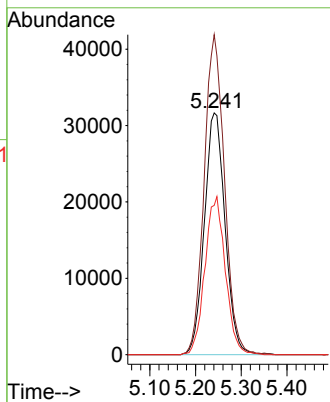
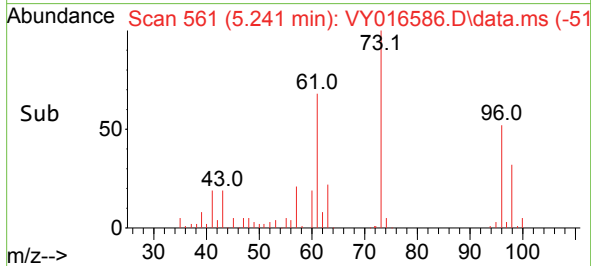


#21
trans-1,2-Dichloroethene
Concen: 45.445 ug/l
RT: 5.241 min Scan# 561
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

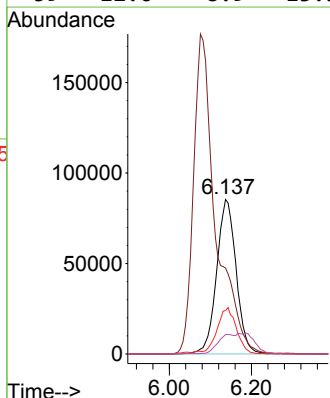
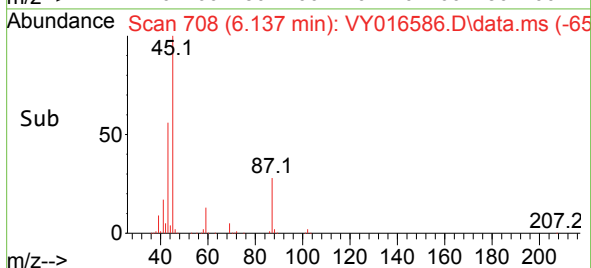
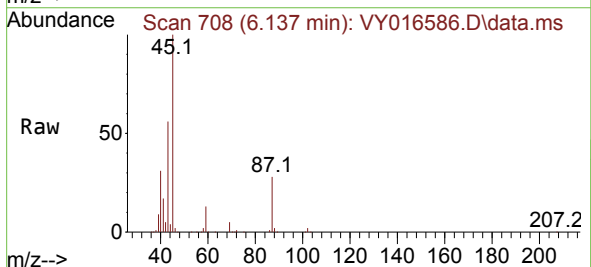


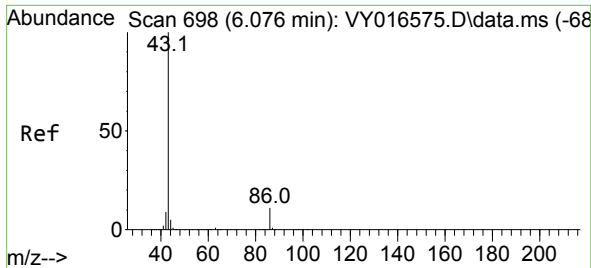
Tgt Ion: 96 Resp: 99621
Ion Ratio Lower Upper
96 100
61 132.3 110.2 165.4
98 61.7 51.8 77.6



#22
Diisopropyl ether
Concen: 46.085 ug/l
RT: 6.137 min Scan# 708
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion: 45 Resp: 281966
Ion Ratio Lower Upper
45 100
43 55.1 52.2 78.4
87 28.1 21.0 31.6
59 12.6 8.9 13.3

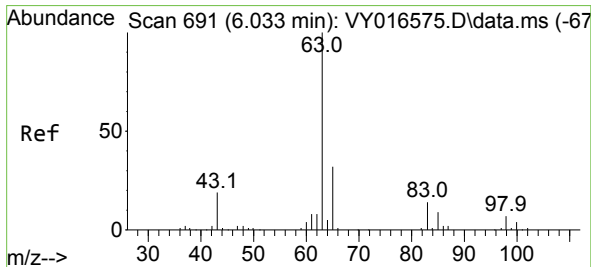
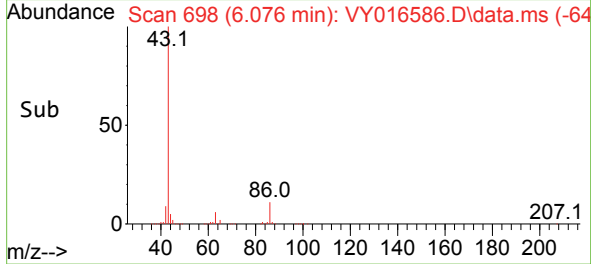
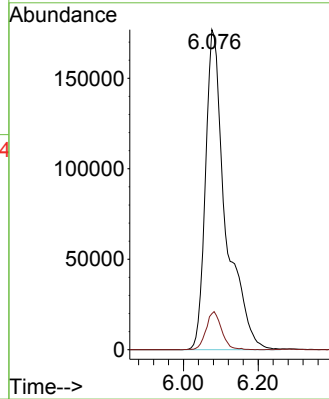
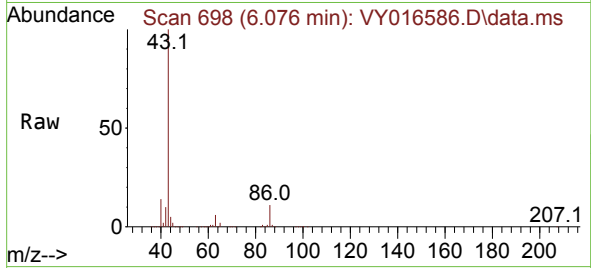




#23
 Vinyl Acetate
 Concen: 224.546 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016586.D
 Acq: 04 Dec 2023 18:53

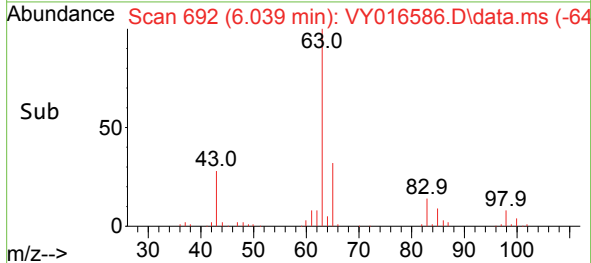
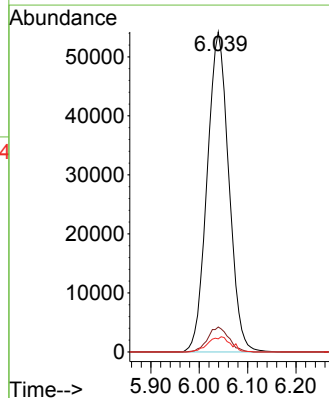
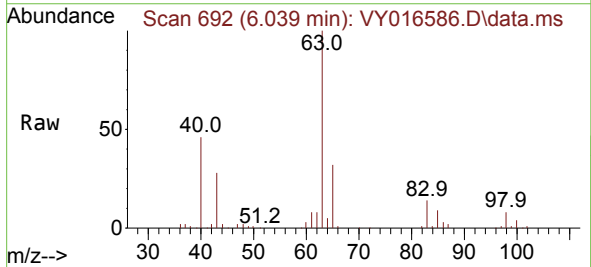
Instrument :
 MSVOA_Y
 ClientSampleId :

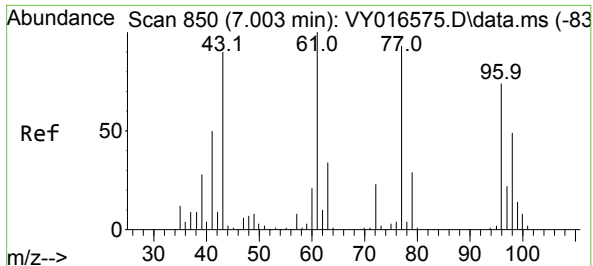
Tgt Ion: 43 Resp: 659527
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 44.806 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016586.D
 Acq: 04 Dec 2023 18:53

Tgt Ion: 63 Resp: 168418
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 4.1 1.8 5.5





#25

2-Butanone

Concen: 210.786 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

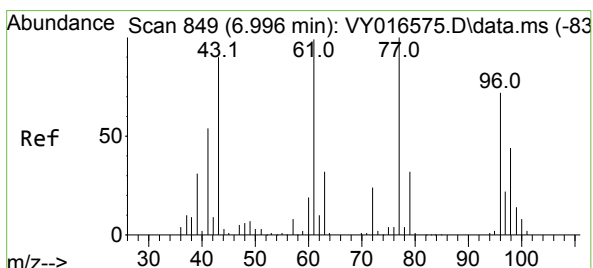
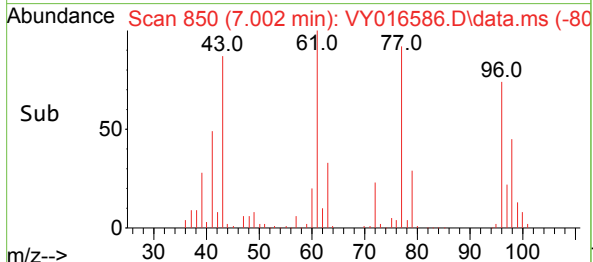
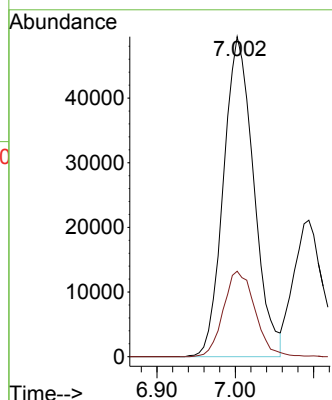
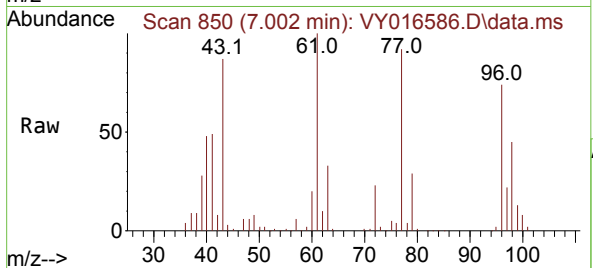
ClientSampleId :

Tgt Ion: 43 Resp: 132974

Ion Ratio Lower Upper

43 100

72 26.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 44.521 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016586.D

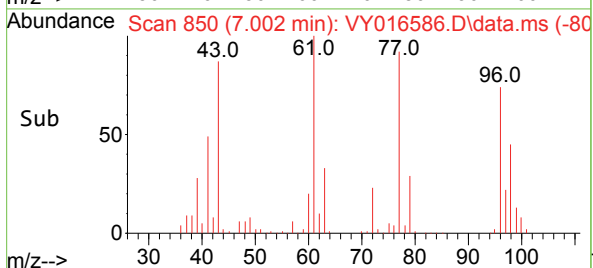
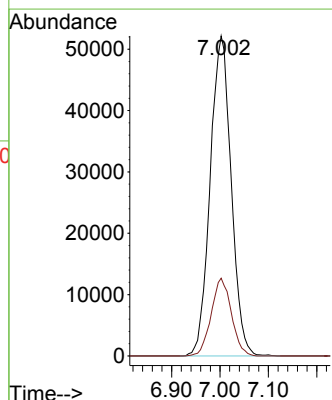
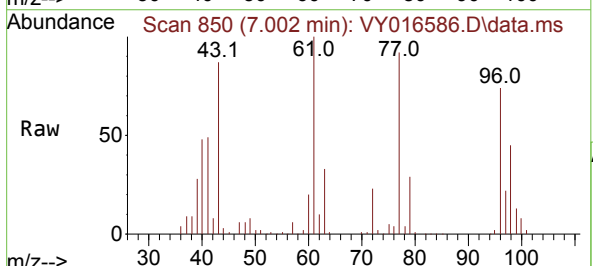
Acq: 04 Dec 2023 18:53

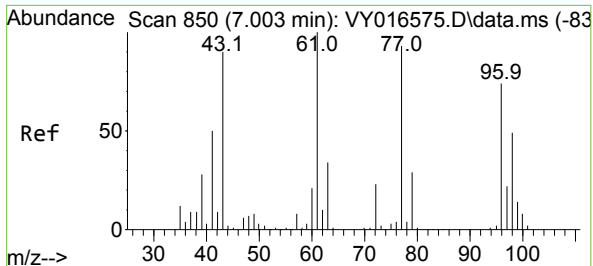
Tgt Ion: 77 Resp: 157324

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 46.608 ug/l

RT: 7.002 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

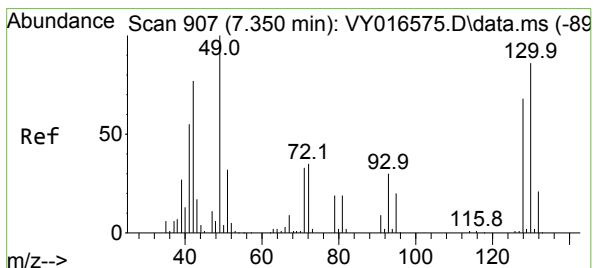
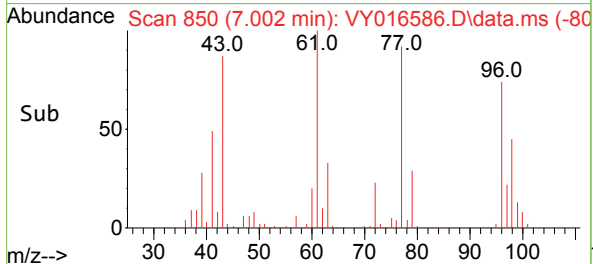
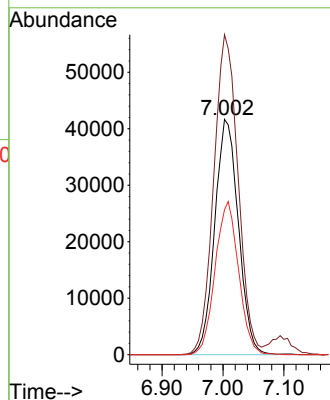
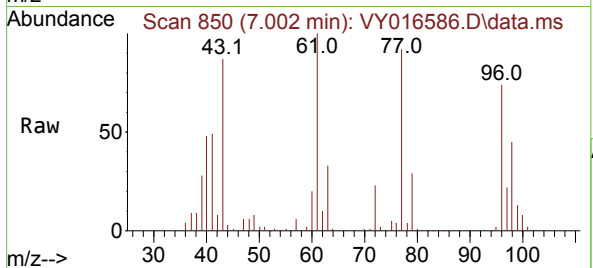
Tgt Ion: 96 Resp: 112464

Ion Ratio Lower Upper

96 100

61 139.7 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 49.413 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

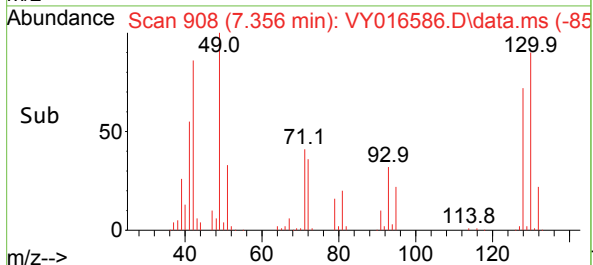
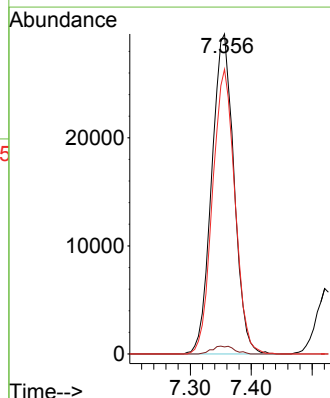
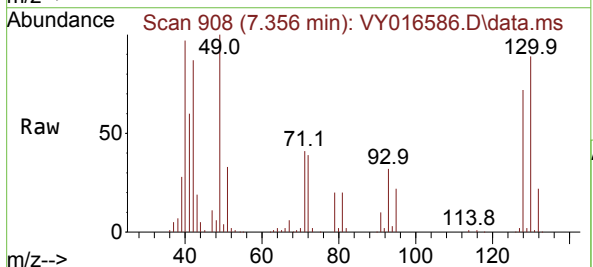
Tgt Ion: 49 Resp: 75232

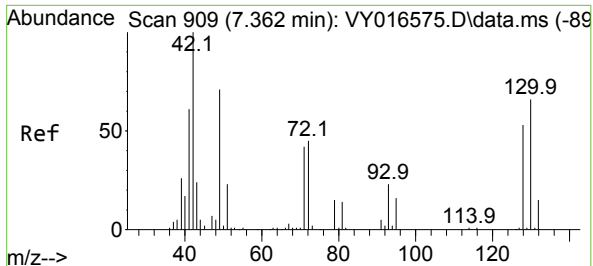
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 89.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 230.504 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

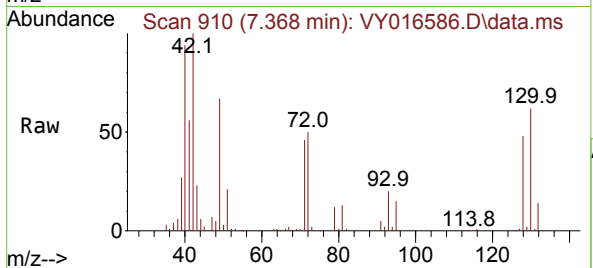
Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :



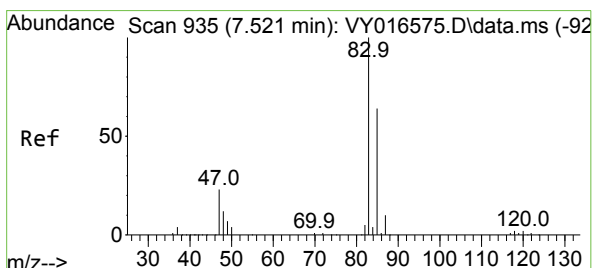
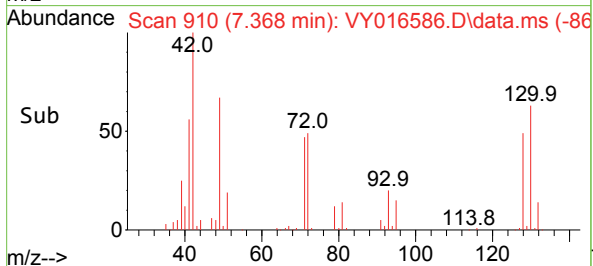
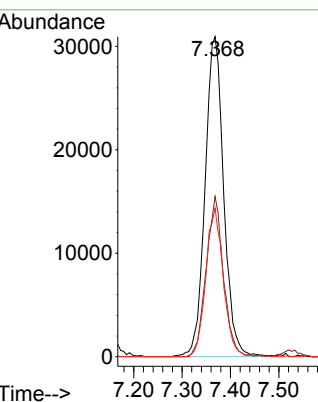
Tgt Ion: 42 Resp: 82905

Ion Ratio Lower Upper

42 100

72 46.3 32.8 49.2

71 43.8 31.0 46.4



#30

Chloroform

Concen: 46.419 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016586.D

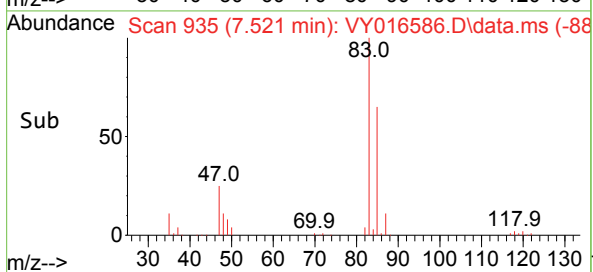
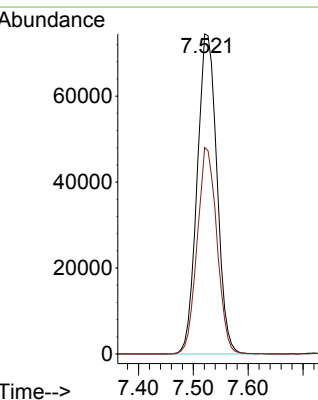
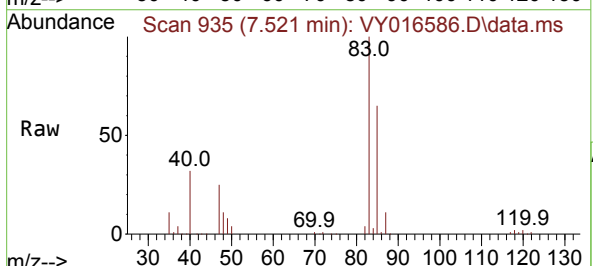
Acq: 04 Dec 2023 18:53

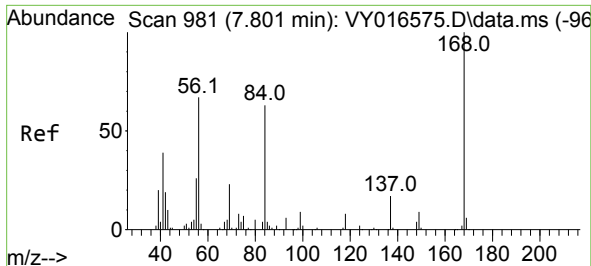
Tgt Ion: 83 Resp: 185990

Ion Ratio Lower Upper

83 100

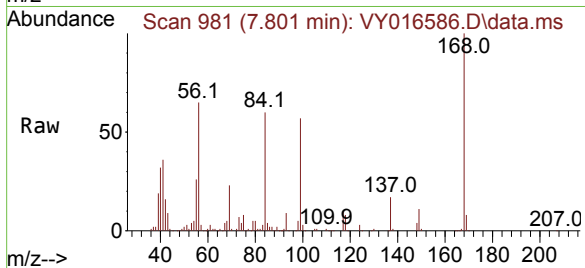
85 64.5 49.7 74.5



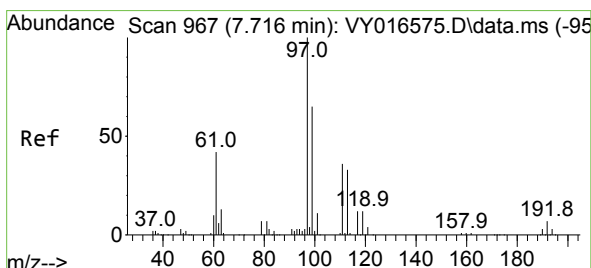
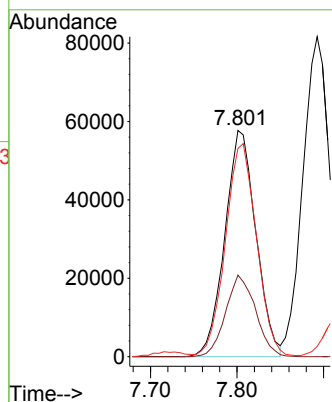
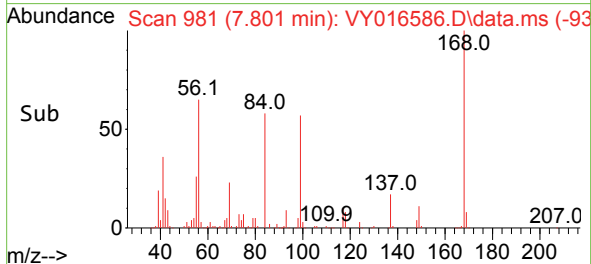


#31
Cyclohexane
Concen: 41.606 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

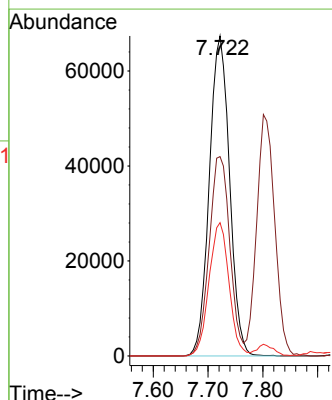
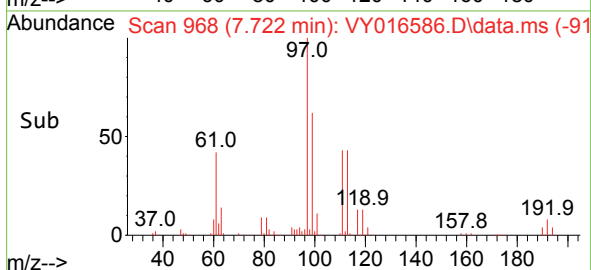
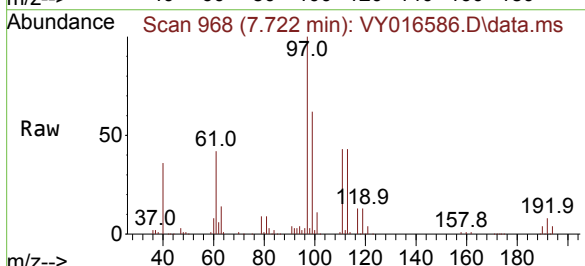


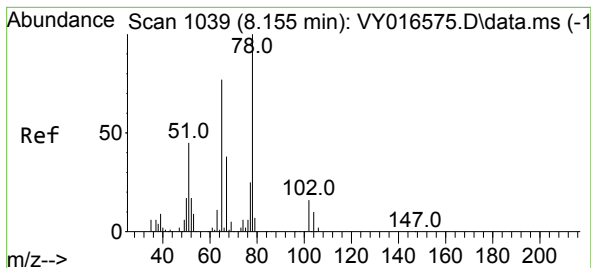
Tgt Ion: 56 Resp: 143997
Ion Ratio Lower Upper
56 100
69 36.0 27.8 41.6
84 90.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 45.519 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion: 97 Resp: 172607
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 41.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.052 ug/l

RT: 8.161 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

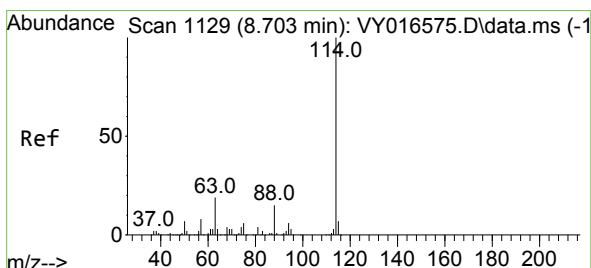
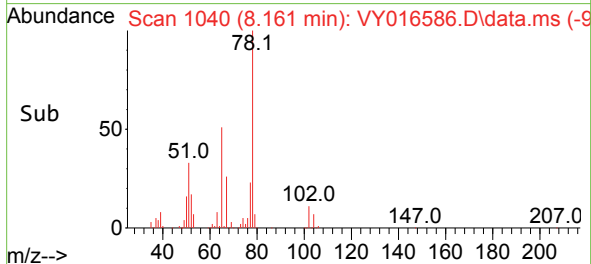
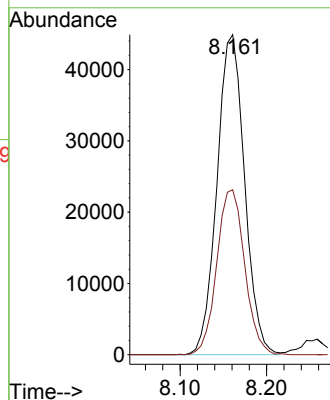
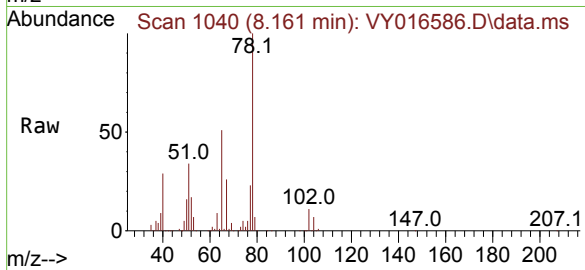
ClientSampleId :

Tgt Ion: 65 Resp: 99447

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

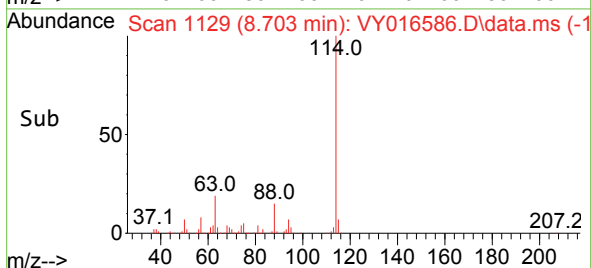
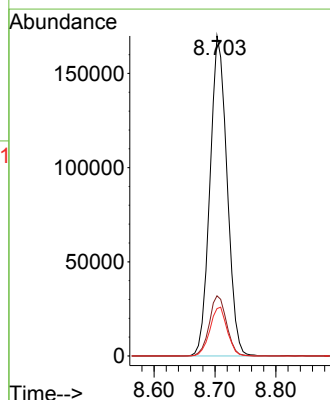
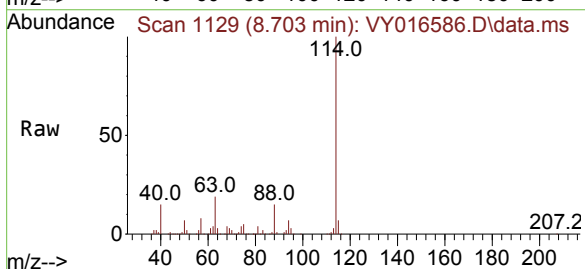
Tgt Ion: 114 Resp: 330973

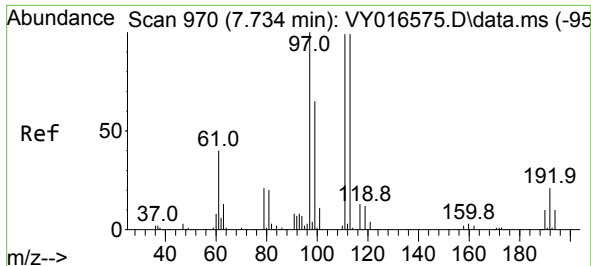
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.8 0.0 30.6

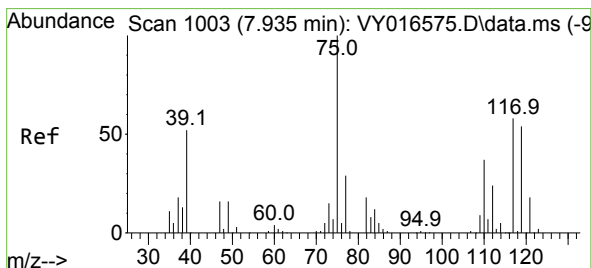
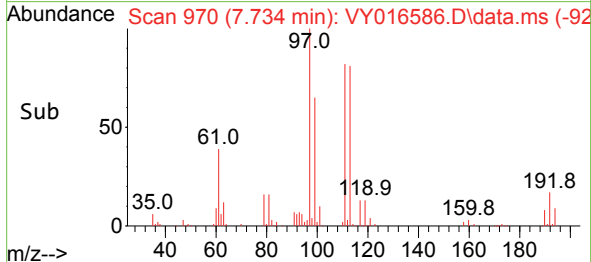
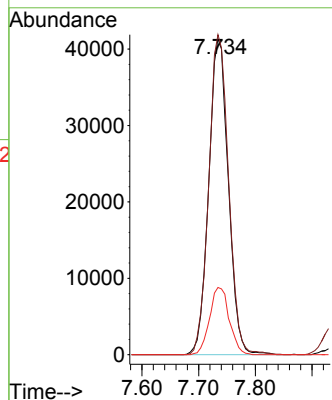
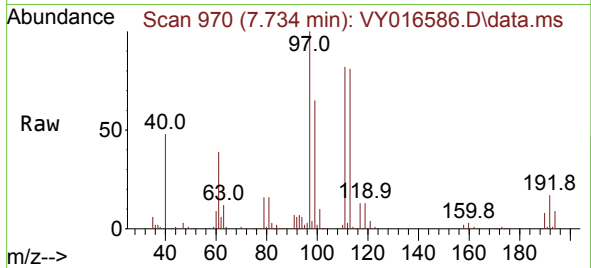




#35
Dibromofluoromethane
Concen: 49.776 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

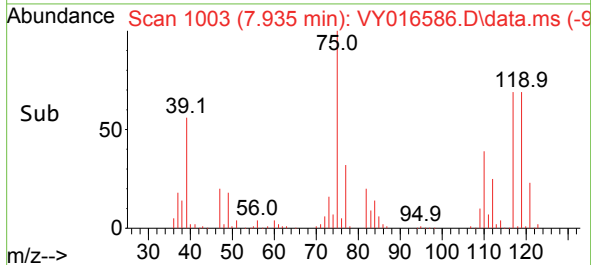
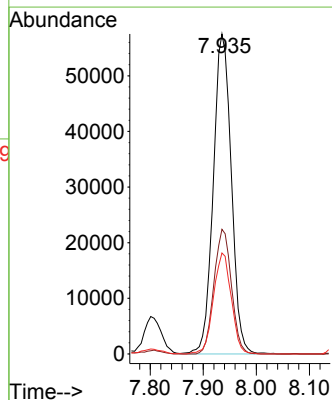
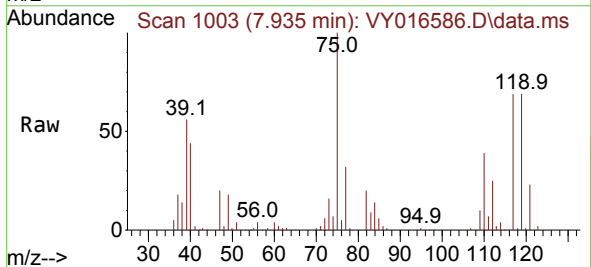
Instrument :
MSVOA_Y
ClientSampleId :

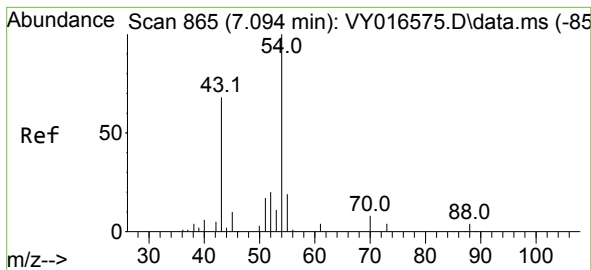
Tgt Ion:113 Resp: 99143
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 21.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 44.876 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion: 75 Resp: 135875
Ion Ratio Lower Upper
75 100
110 37.8 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 44.725 ug/l

RT: 7.094 min Scan# 865

Delta R.T. -0.000 min

Lab File: VY016586.D

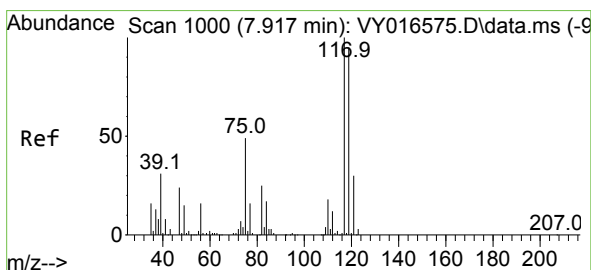
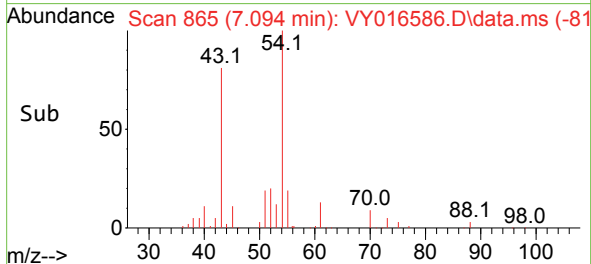
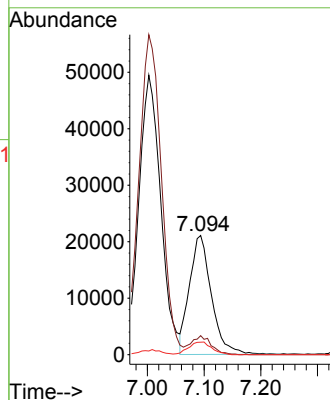
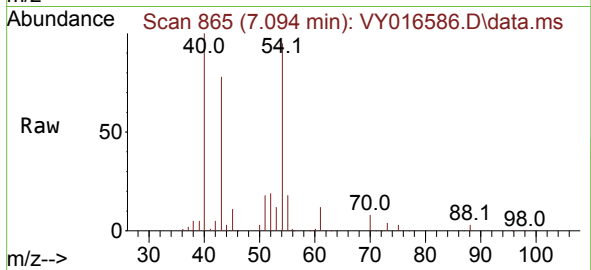
Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	56664
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.1	15.1
70	11.1	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 45.139 ug/l

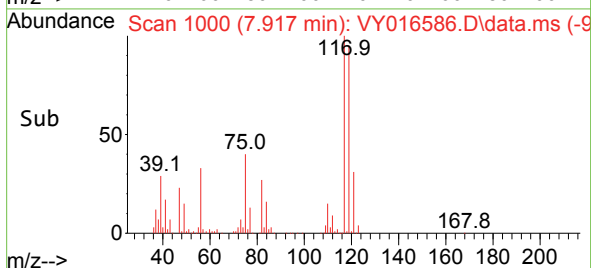
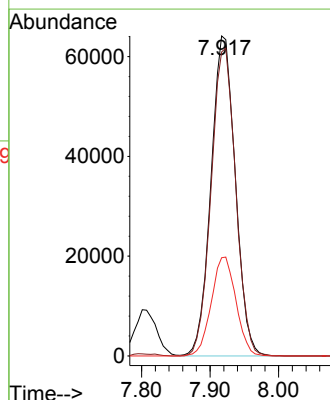
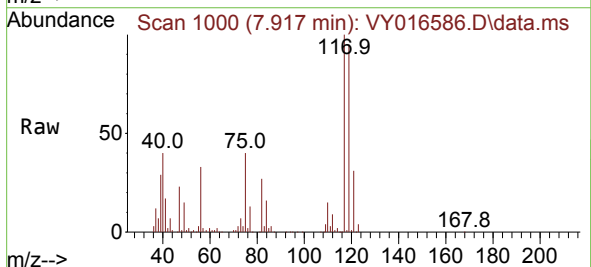
RT: 7.917 min Scan# 1000

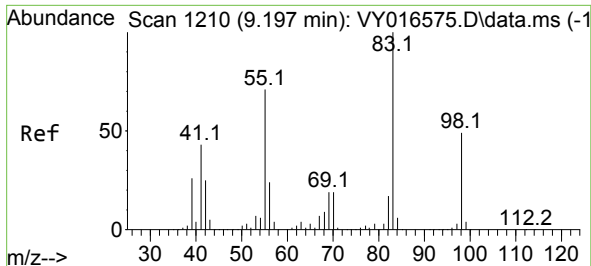
Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Tgt Ion:	117	Resp:	158218
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.4	114.6
121	30.7	25.8	38.6

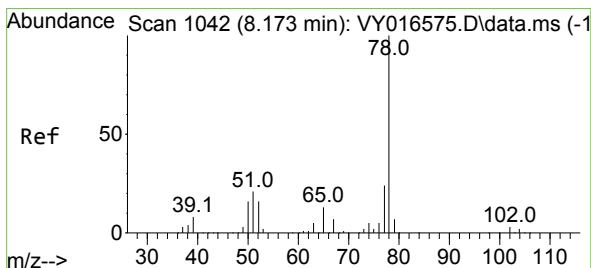
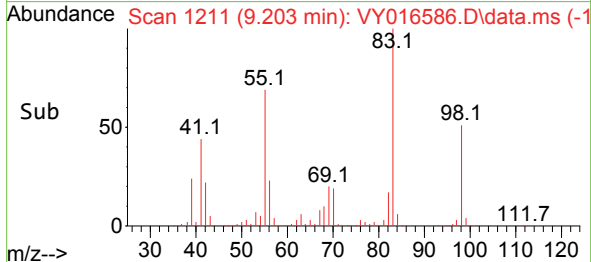
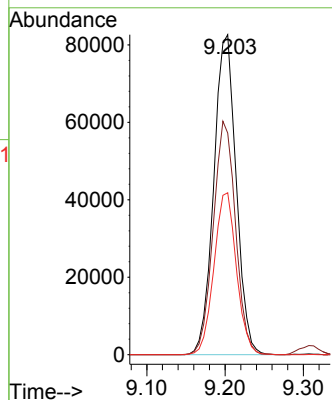
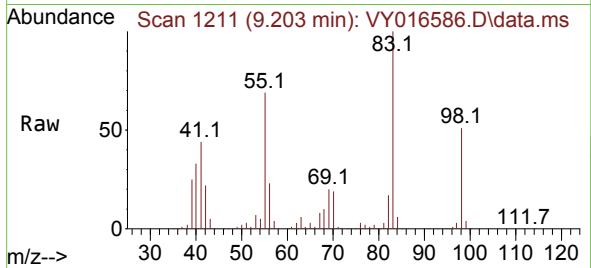




#39
Methylcyclohexane
Concen: 44.968 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

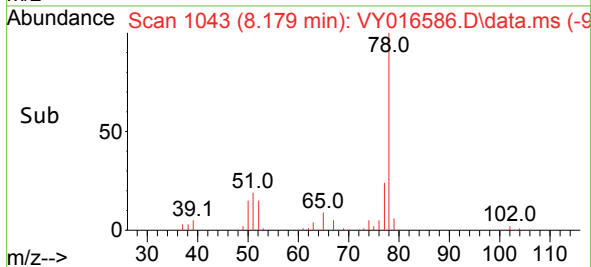
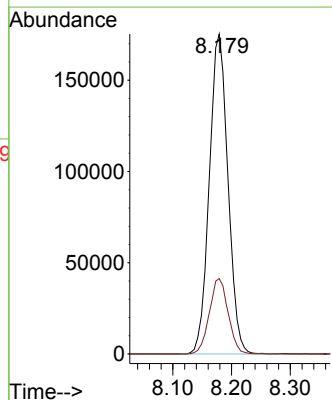
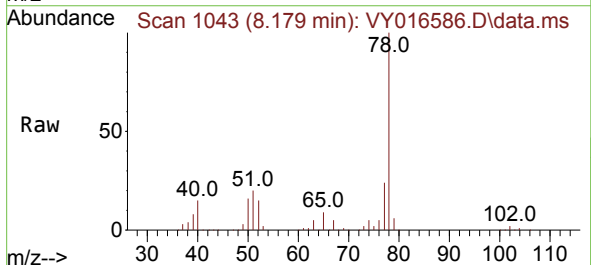
Instrument :
MSVOA_Y
ClientSampleId :

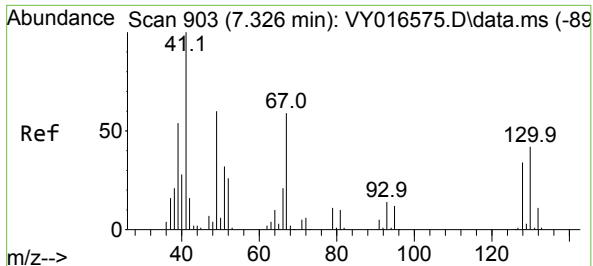
Tgt Ion: 83 Resp: 164041
Ion Ratio Lower Upper
83 100
55 69.3 63.0 94.4
98 50.6 37.4 56.2



#40
Benzene
Concen: 45.207 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion: 78 Resp: 385807
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6

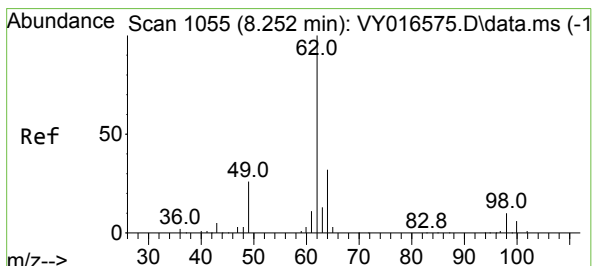
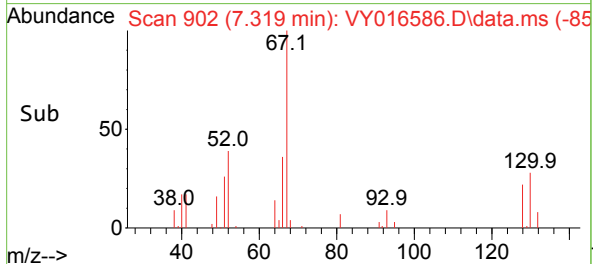
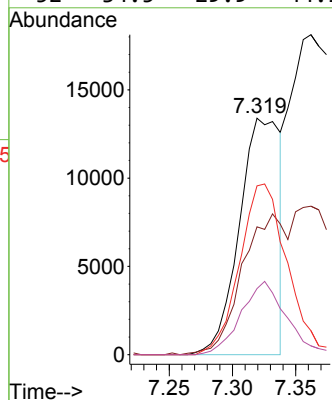
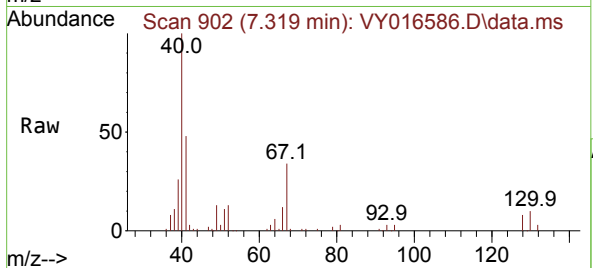




#41
Methacrylonitrile
Concen: 41.280 ug/l
RT: 7.319 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

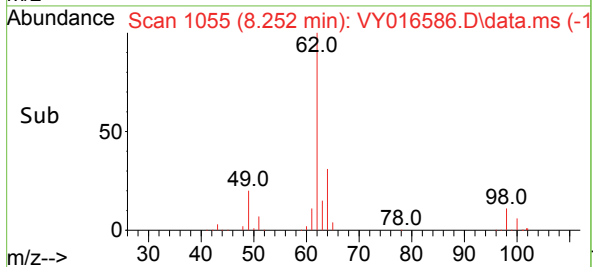
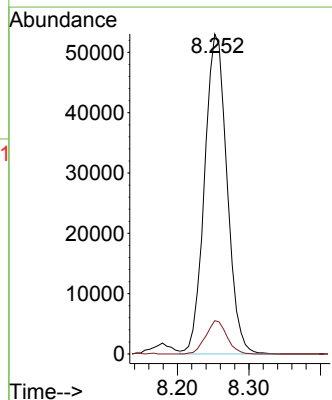
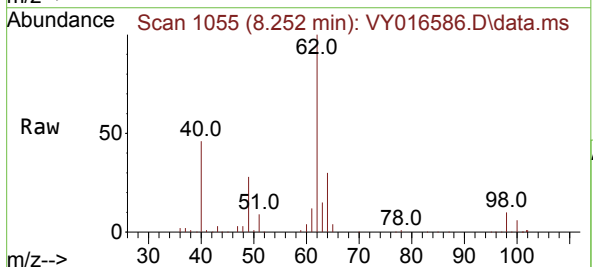
Instrument :
MSVOA_Y
ClientSampleId :

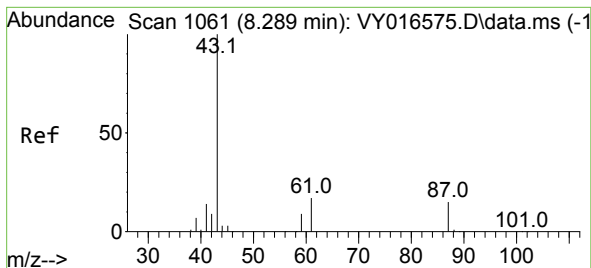
Tgt Ion: 41	Resp: 30205
Ion Ratio	Lower Upper
41 100	
39 65.0	52.1 78.1
67 83.8	66.2 99.2
52 34.5	29.9 44.9



#42
1,2-Dichloroethane
Concen: 46.714 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion: 62	Resp: 115759
Ion Ratio	Lower Upper
62 100	
98 9.7	0.0 15.8





#43

Isopropyl Acetate

Concen: 46.114 ug/l

RT: 8.289 min Scan# 1106

Delta R.T. -0.000 min

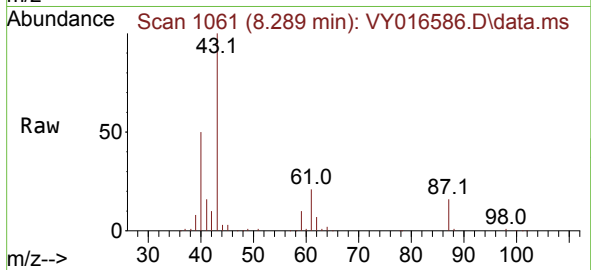
Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :



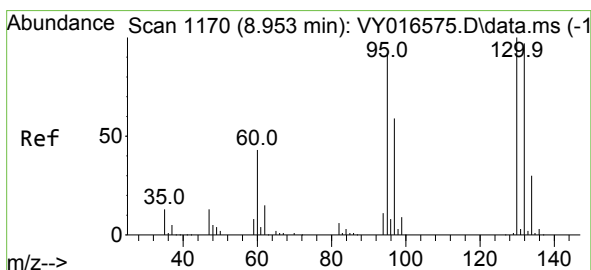
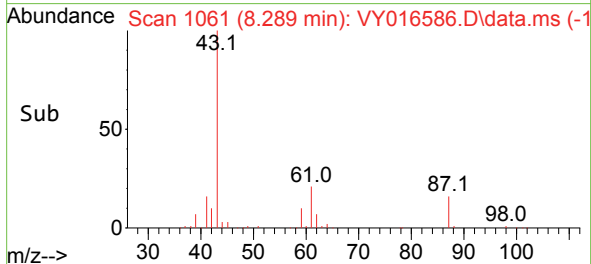
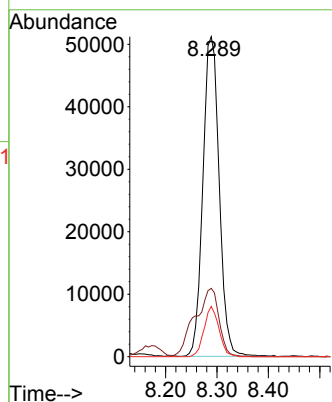
Tgt Ion: 43 Resp: 112706

Ion Ratio Lower Upper

43 100

61 31.5 21.1 31.7

87 14.4 9.8 14.8



#44

Trichloroethene

Concen: 45.637 ug/l

RT: 8.959 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY016586.D

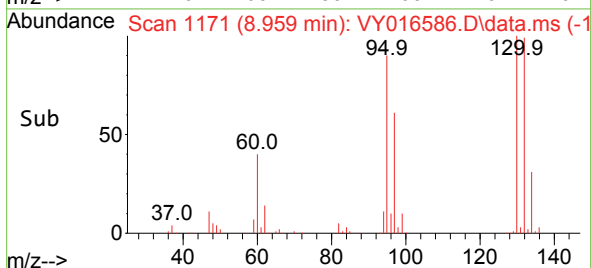
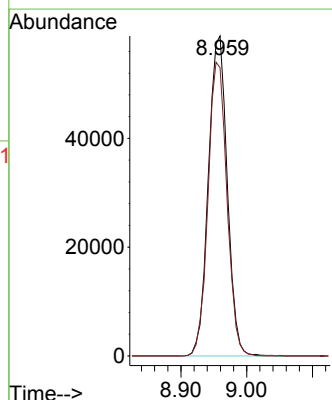
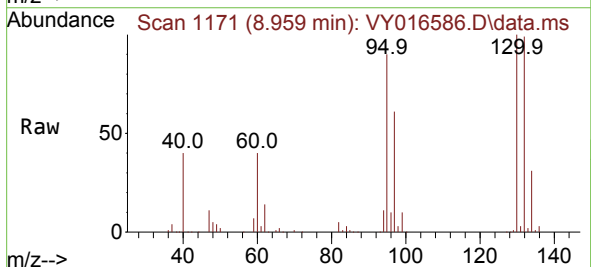
Acq: 04 Dec 2023 18:53

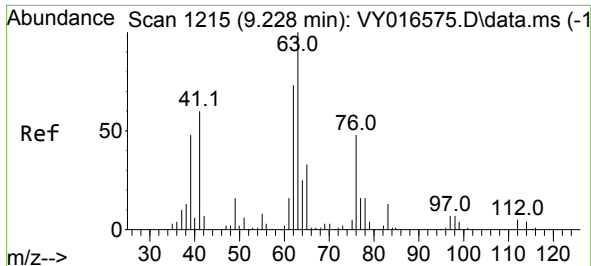
Tgt Ion:130 Resp: 117455

Ion Ratio Lower Upper

130 100

95 90.1 0.0 196.0

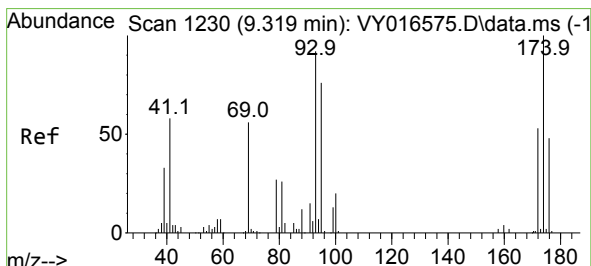
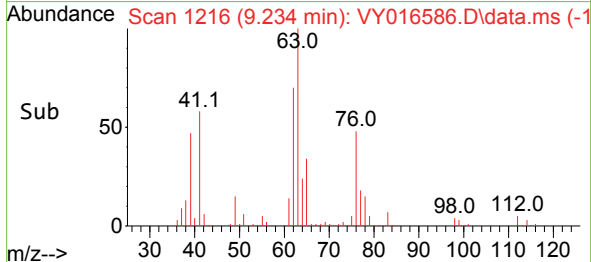
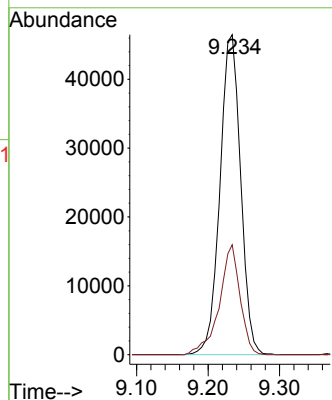
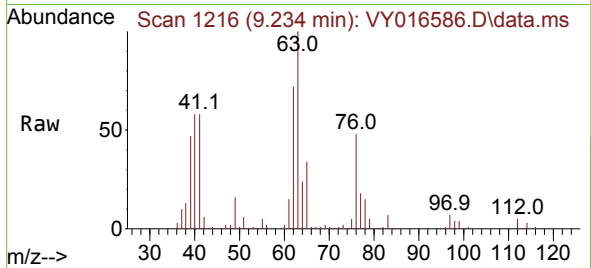




#45
1,2-Dichloropropane
Concen: 45.390 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

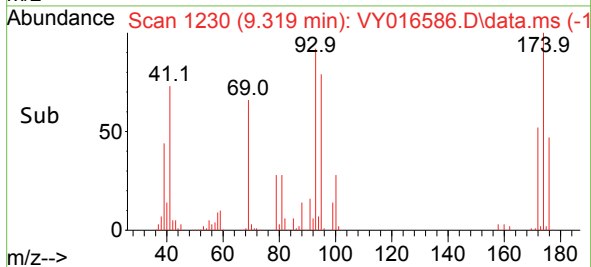
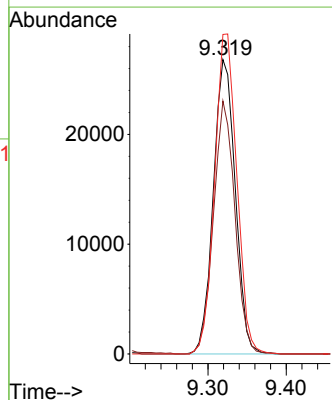
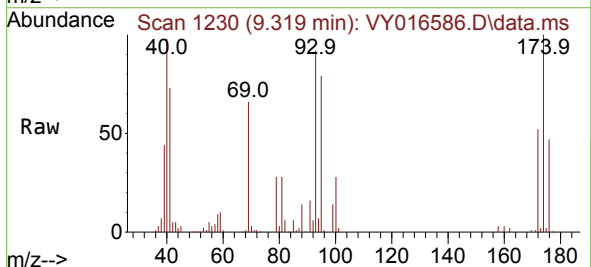
Instrument :
MSVOA_Y
ClientSampleId :

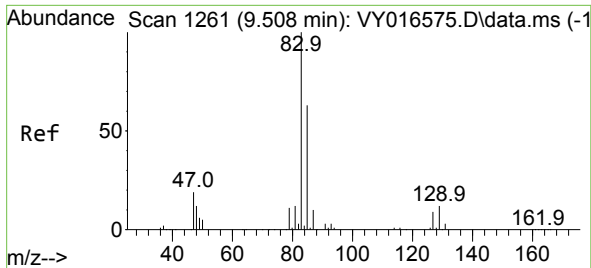
Tgt Ion: 63 Resp: 93260
Ion Ratio Lower Upper
63 100
65 34.3 23.8 35.6



#46
Dibromomethane
Concen: 46.469 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion: 93 Resp: 52341
Ion Ratio Lower Upper
93 100
95 84.0 66.6 100.0
174 110.0 84.8 127.2

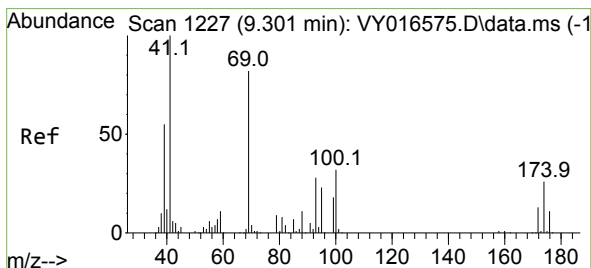
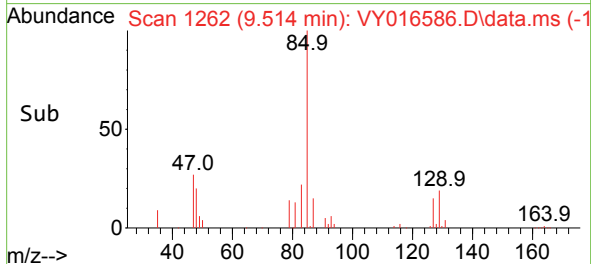
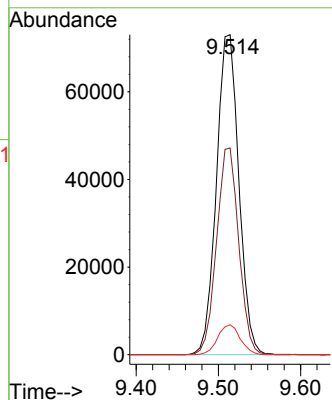
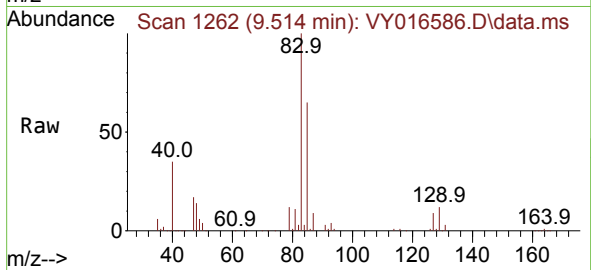




#47
Bromodichloromethane
Concen: 46.168 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

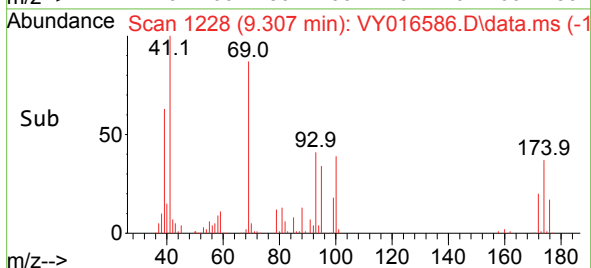
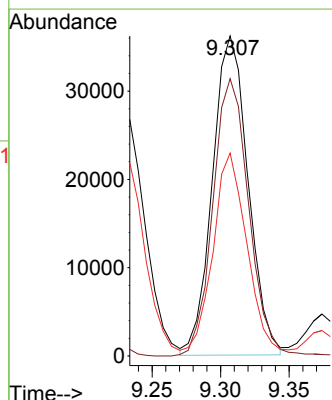
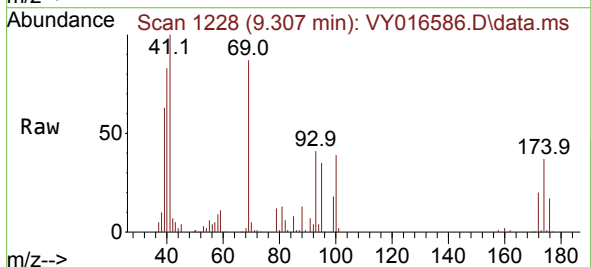
Instrument :
MSVOA_Y
ClientSampleId :

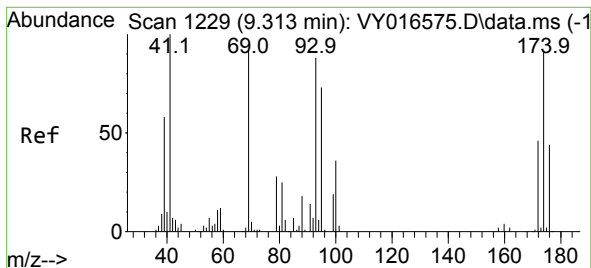
Tgt Ion: 83 Resp: 138444
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 9.4 7.1 10.7



#48
Methyl methacrylate
Concen: 46.343 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion: 41 Resp: 65412
Ion Ratio Lower Upper
41 100
69 87.8 64.5 96.7
39 57.9 50.8 76.2





#49

1,4-Dioxane

Concen: 980.196 ug/l

RT: 9.313 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

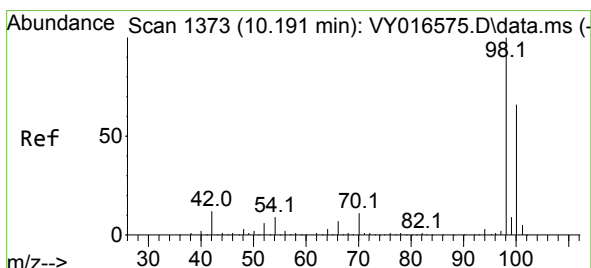
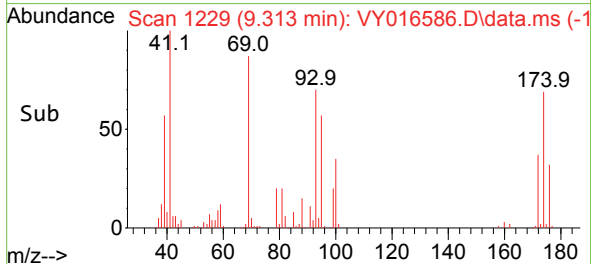
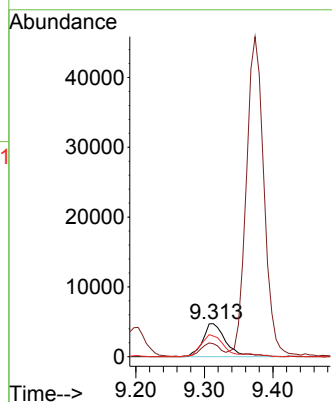
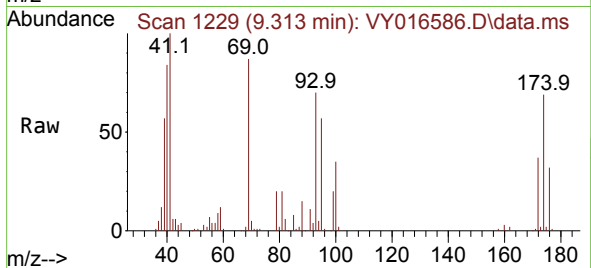
Tgt Ion: 88 Resp: 11175

Ion Ratio Lower Upper

88 100

43 34.8 0.0 0.0#

58 64.5 30.9 46.3#



#50

Toluene-d8

Concen: 50.173 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016586.D

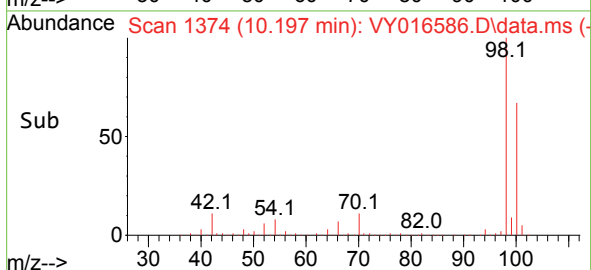
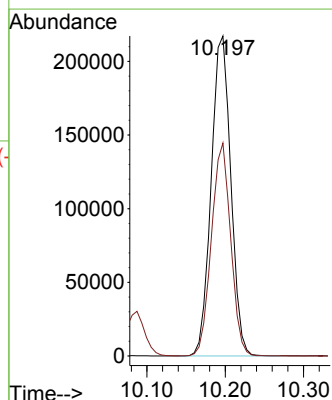
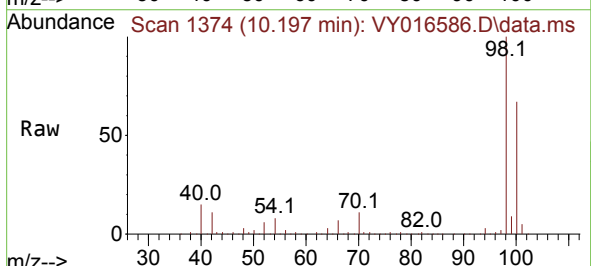
Acq: 04 Dec 2023 18:53

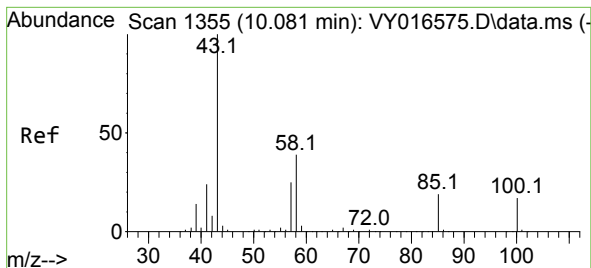
Tgt Ion: 98 Resp: 378007

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 233.126 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

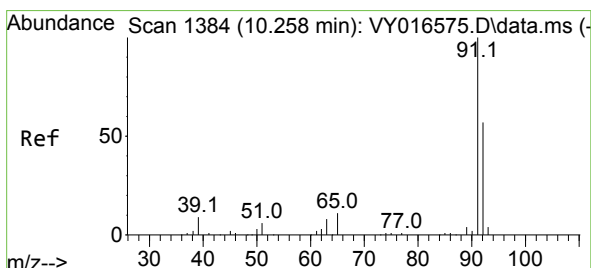
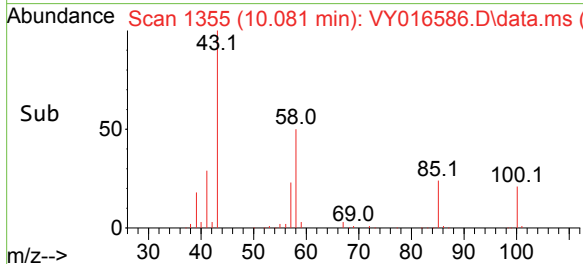
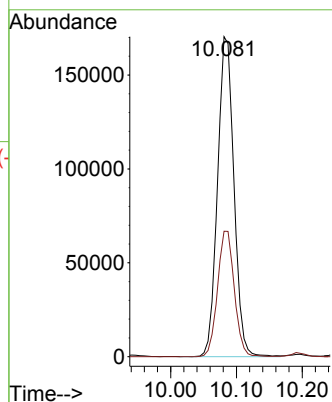
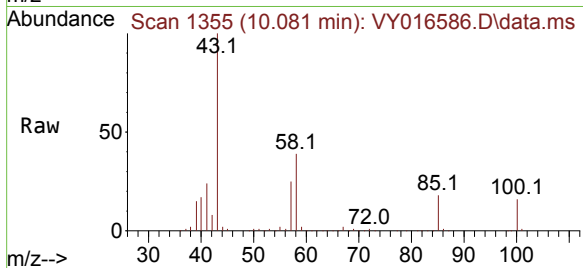
ClientSampleId :

Tgt Ion: 43 Resp: 296103

Ion Ratio Lower Upper

43 100

58 40.2 29.0 43.6



#52

Toluene

Concen: 46.518 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VY016586.D

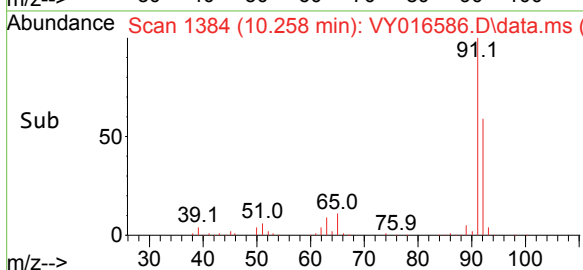
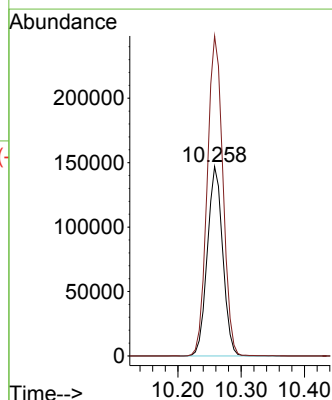
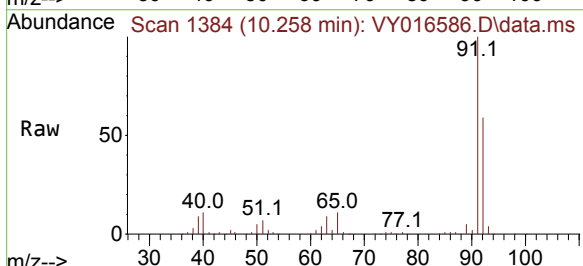
Acq: 04 Dec 2023 18:53

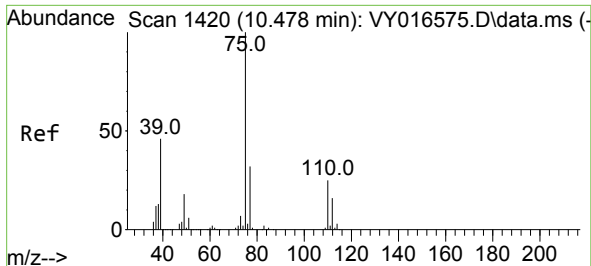
Tgt Ion: 92 Resp: 248813

Ion Ratio Lower Upper

92 100

91 172.1 143.8 215.6

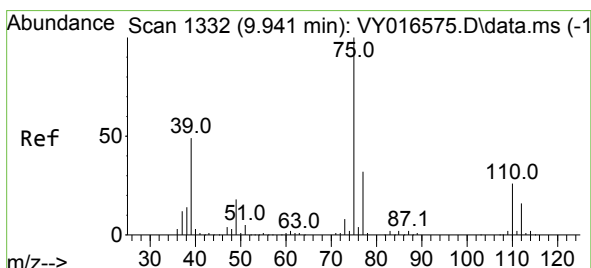
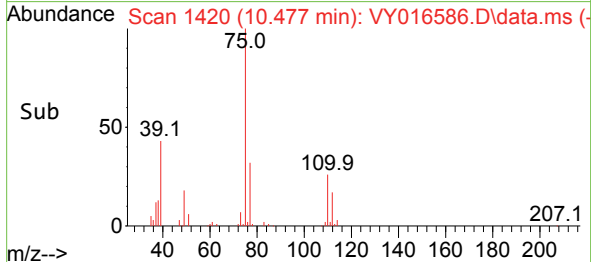
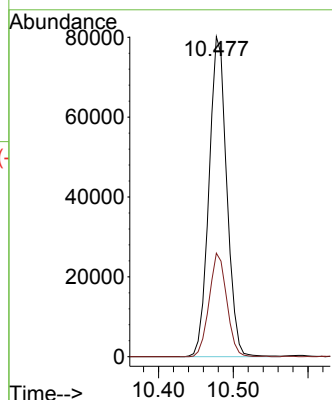
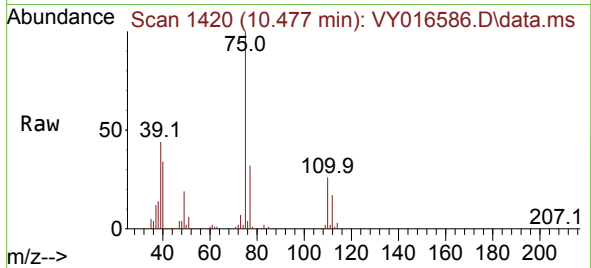




#53
t-1,3-Dichloropropene
Concen: 46.630 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

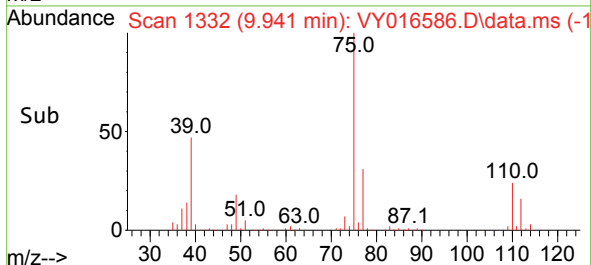
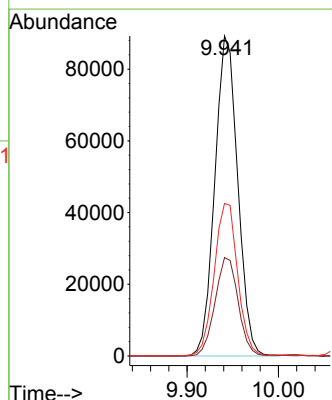
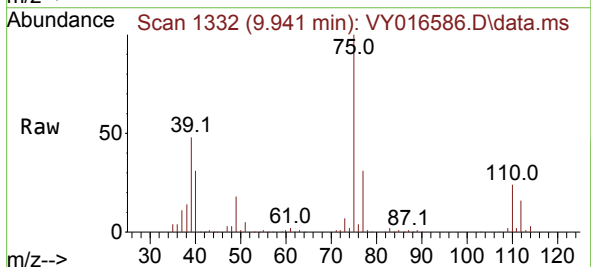
Instrument :
MSVOA_Y
ClientSampleId :

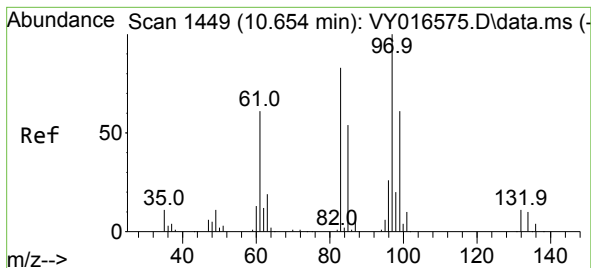
Tgt Ion: 75 Resp: 131962
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 46.733 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion: 75 Resp: 155326
Ion Ratio Lower Upper
75 100
77 30.7 24.2 36.4
39 47.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 46.512 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 72977

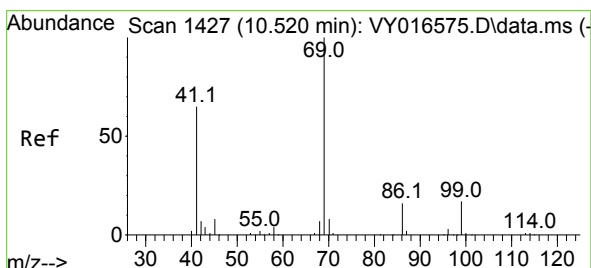
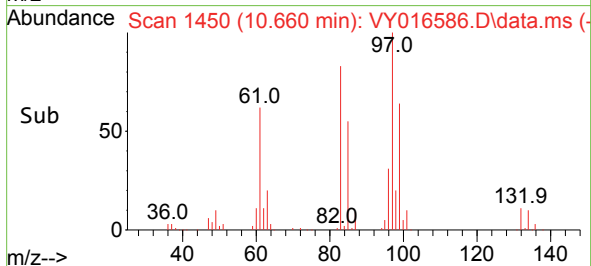
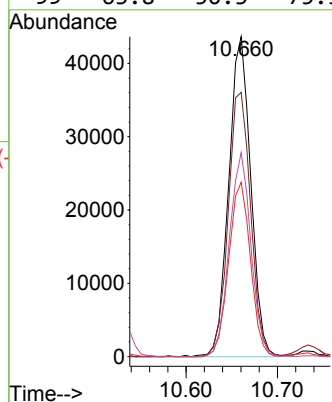
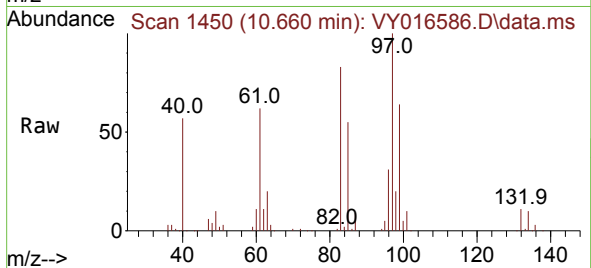
Ion Ratio Lower Upper

97 100

83 82.6 72.0 108.0

85 54.5 45.4 68.0

99 63.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 48.114 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

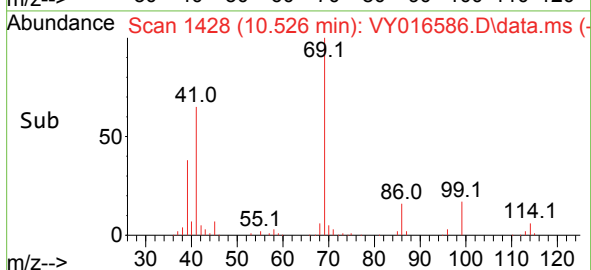
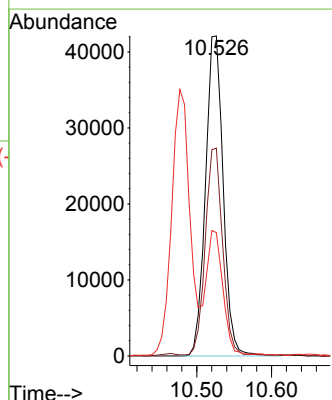
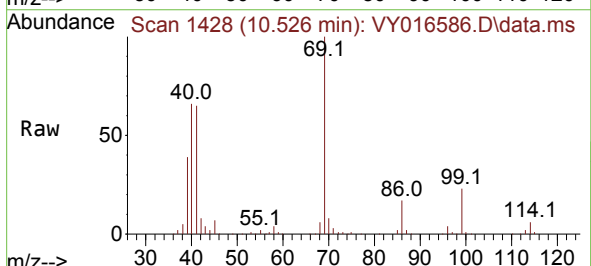
Tgt Ion: 69 Resp: 69198

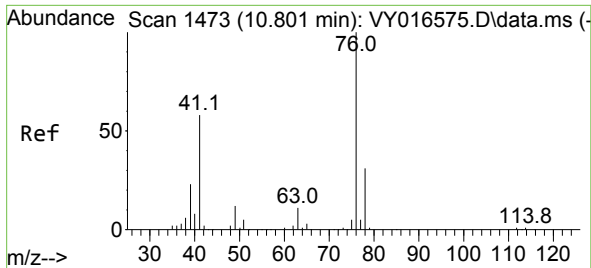
Ion Ratio Lower Upper

69 100

41 63.5 57.6 86.4

39 37.2 34.1 51.1

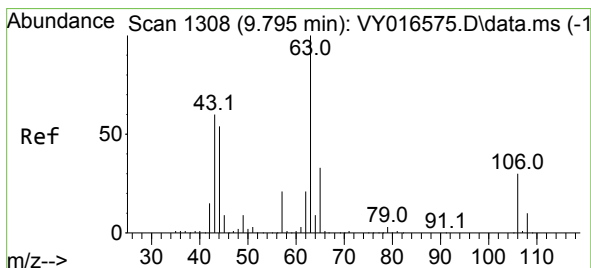
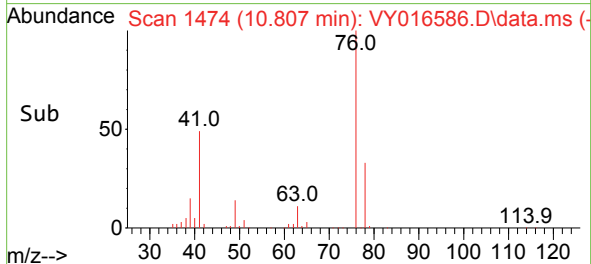
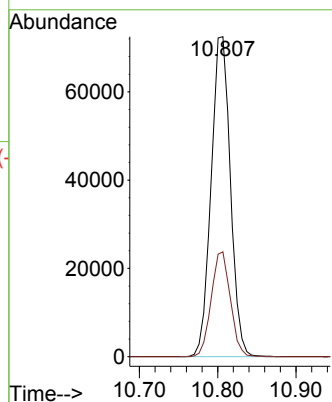
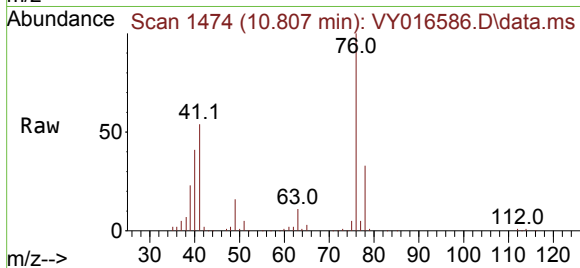




#57
1,3-Dichloropropane
Concen: 46.801 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

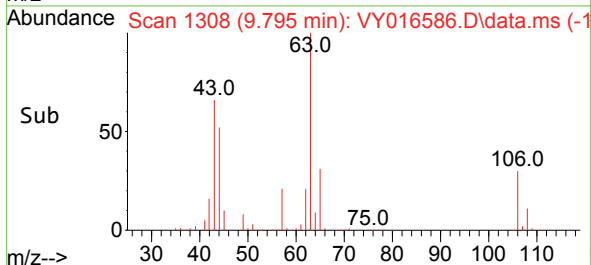
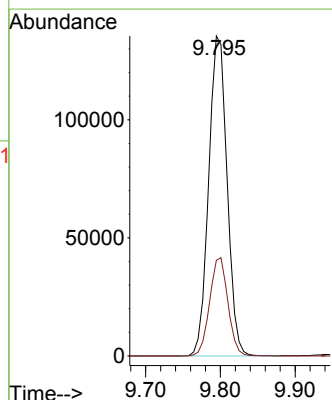
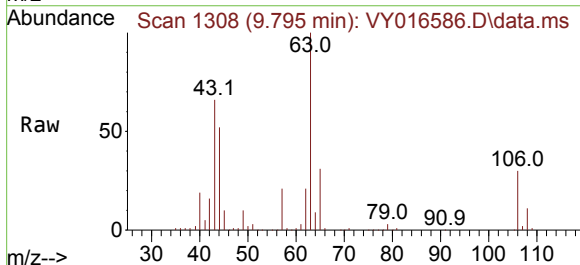
Instrument :
MSVOA_Y
ClientSampleId :

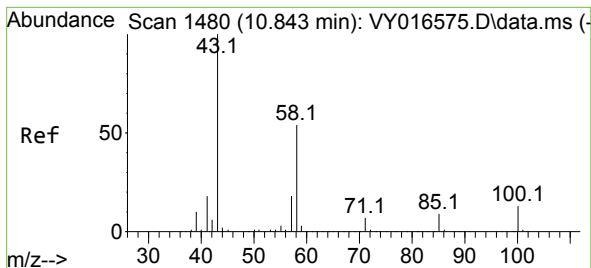
Tgt Ion: 76 Resp: 124049
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 261.562 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion: 63 Resp: 231824
Ion Ratio Lower Upper
63 100
106 30.5 21.2 31.8

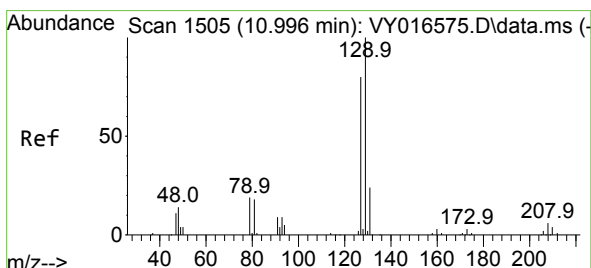
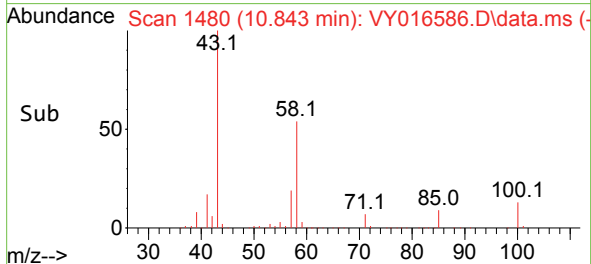
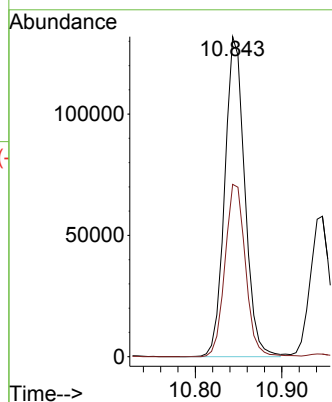
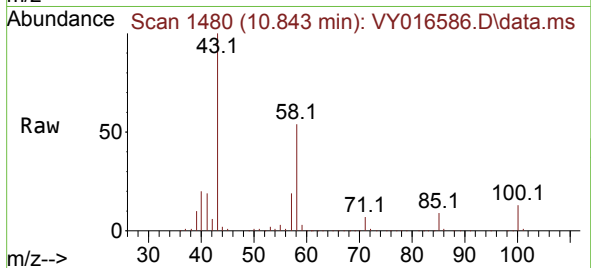




#59
2-Hexanone
Concen: 220.347 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

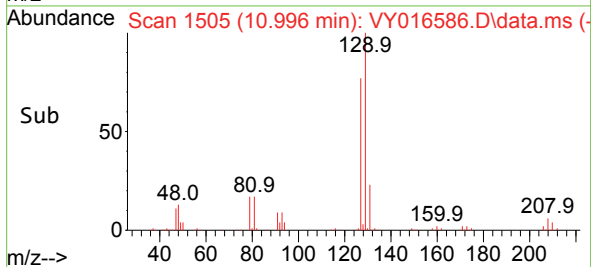
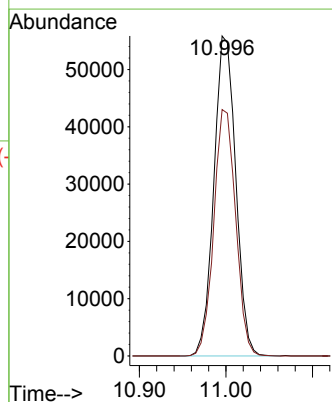
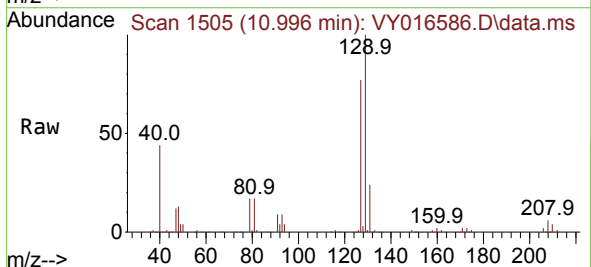
Instrument :
MSVOA_Y
ClientSampleId :

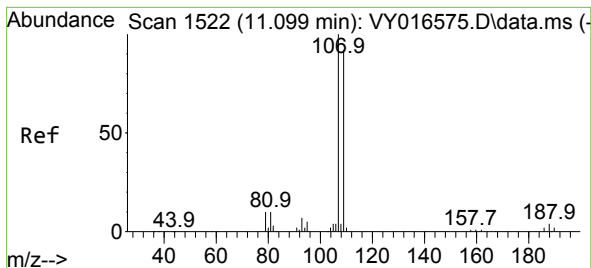
Tgt Ion: 43 Resp: 211719
Ion Ratio Lower Upper
43 100
58 55.2 25.1 75.3



#60
Dibromochloromethane
Concen: 46.765 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion: 129 Resp: 98039
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

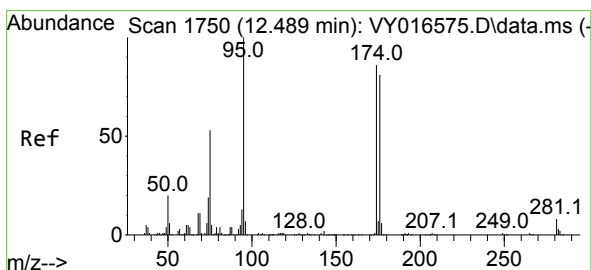
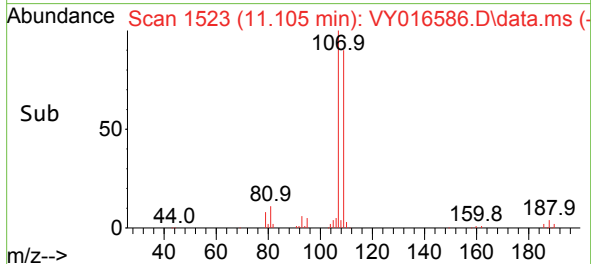
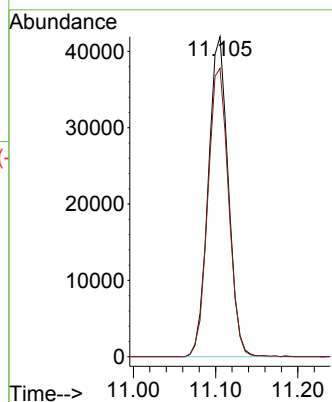
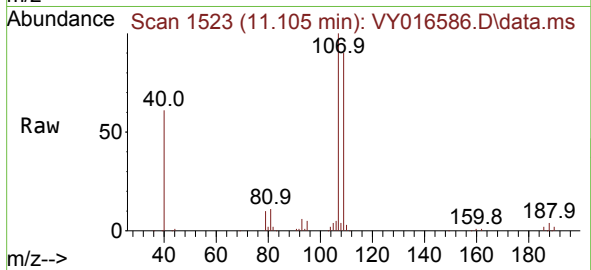




#61
1,2-Dibromoethane
Concen: 47.863 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

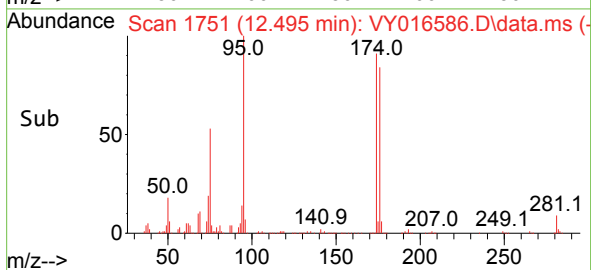
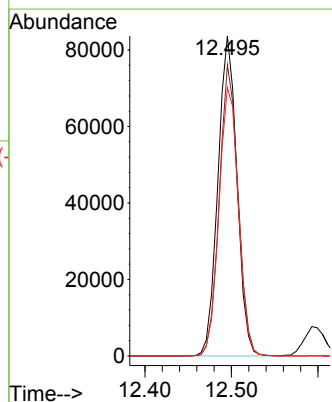
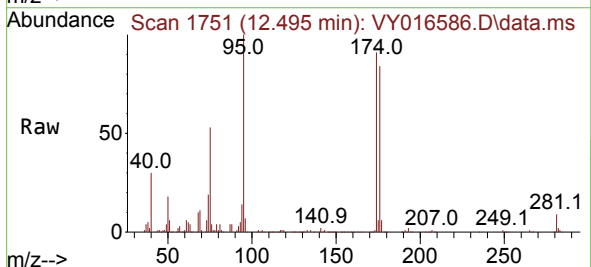
Instrument :
MSVOA_Y
ClientSampleId :

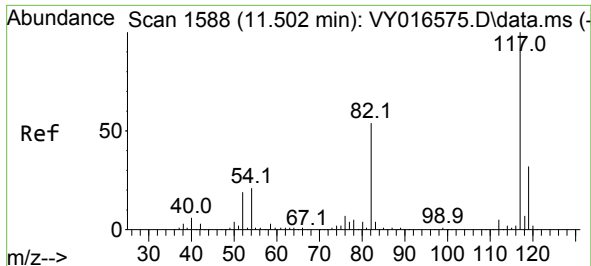
Tgt Ion:107 Resp: 70633
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.471 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

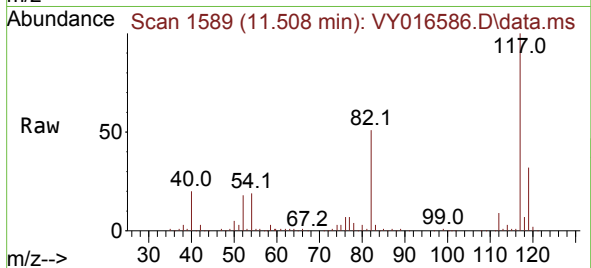
Tgt Ion: 95 Resp: 127525
Ion Ratio Lower Upper
95 100
174 90.0 0.0 178.2
176 85.8 0.0 173.8



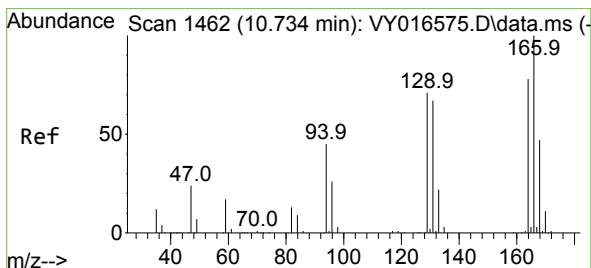
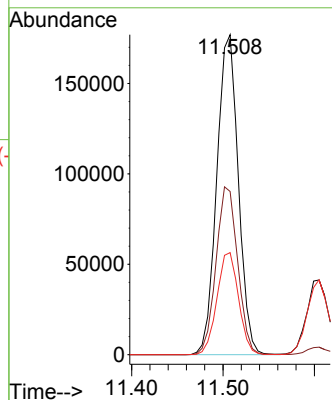
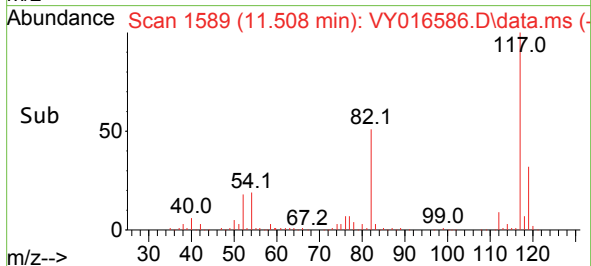


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

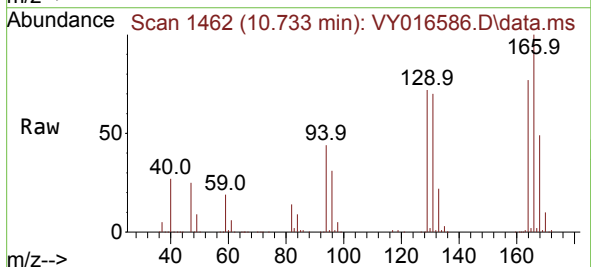
Instrument :
MSVOA_Y
ClientSampleId :



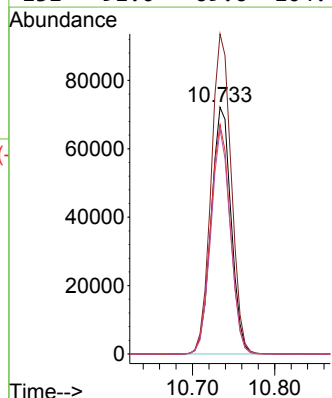
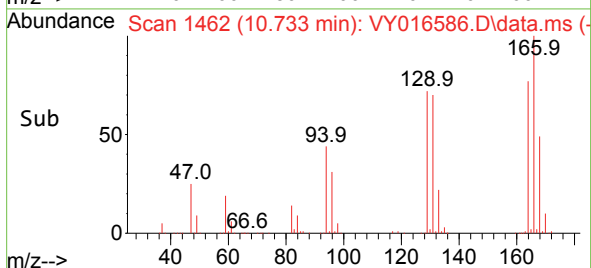
Tgt Ion:117 Resp: 289730
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 31.9 26.3 39.5

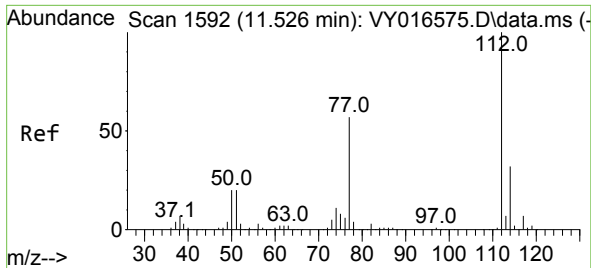


#64
Tetrachloroethene
Concen: 45.804 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53



Tgt Ion:164 Resp: 121624
Ion Ratio Lower Upper
164 100
166 129.7 103.0 154.6
129 93.0 77.2 115.8
131 91.0 69.6 104.4

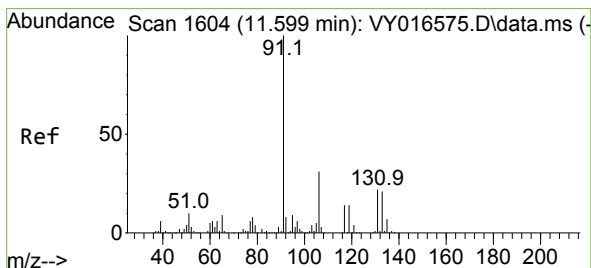
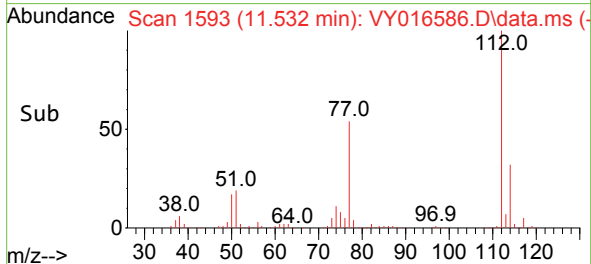
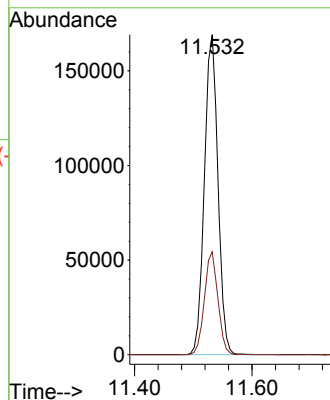
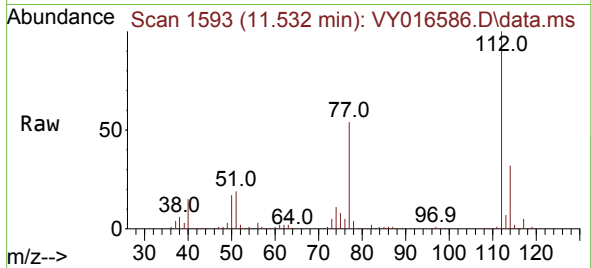




#65
Chlorobenzene
Concen: 46.234 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

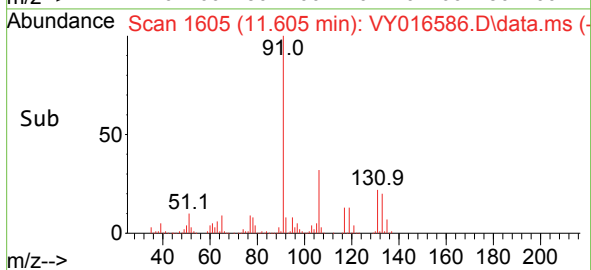
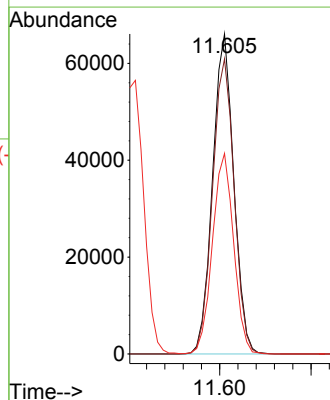
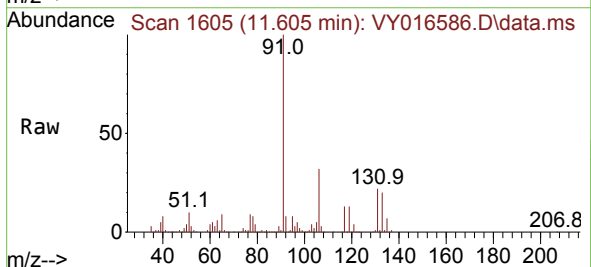
Instrument :
MSVOA_Y
ClientSampleId :

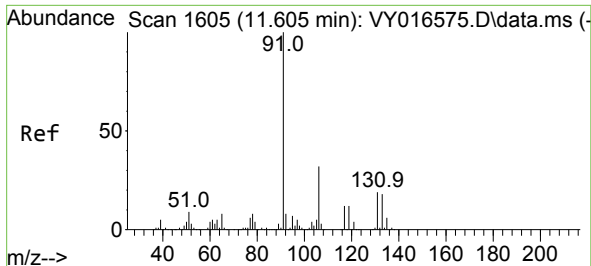
Tgt Ion:112 Resp: 271316
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 46.296 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion:131 Resp: 106185
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.6
119 62.9 31.6 94.7





#67

Ethyl Benzene

Concen: 45.201 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

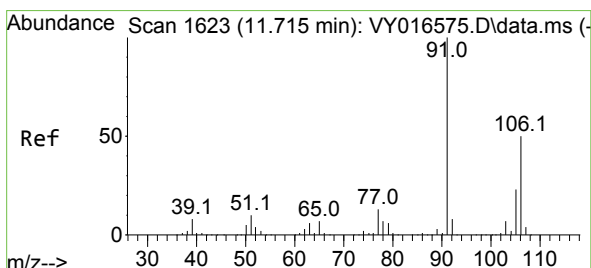
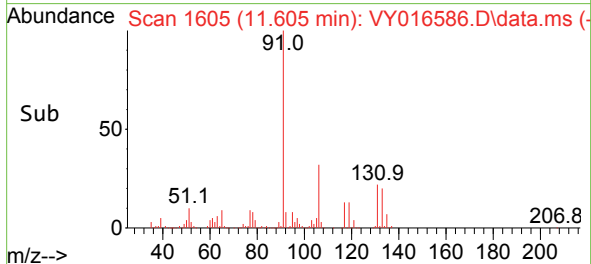
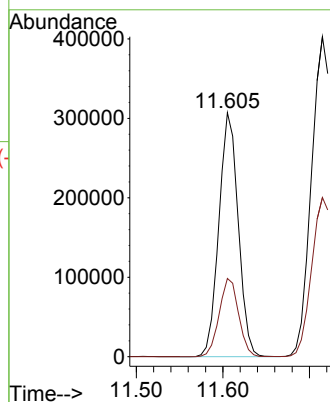
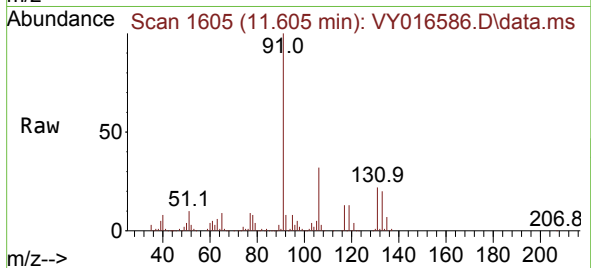
ClientSampleId :

Tgt Ion: 91 Resp: 475713

Ion Ratio Lower Upper

91 100

106 32.1 24.6 36.8



#68

m/p-Xylenes

Concen: 91.733 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016586.D

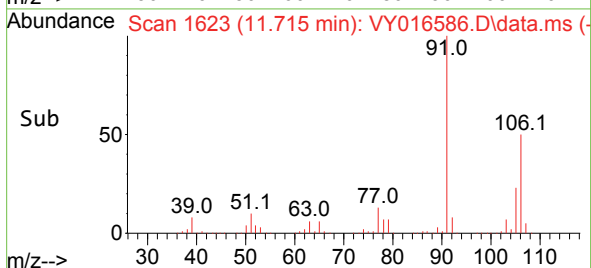
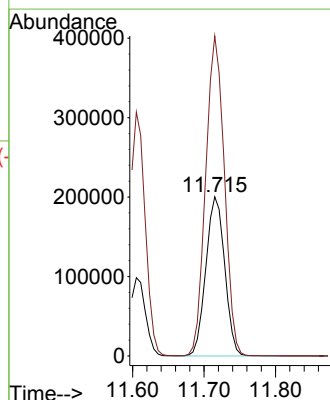
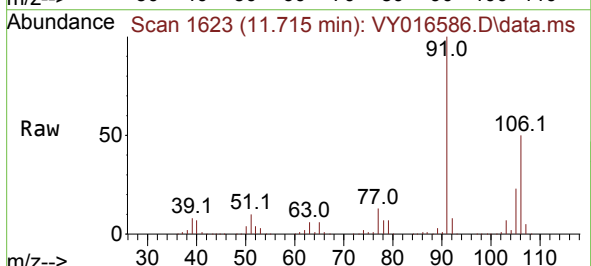
Acq: 04 Dec 2023 18:53

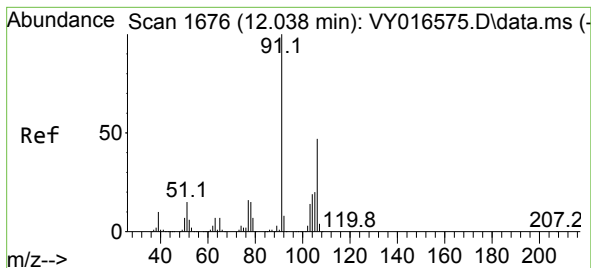
Tgt Ion: 106 Resp: 366499

Ion Ratio Lower Upper

106 100

91 199.5 166.1 249.1





#69

o-Xylene

Concen: 46.870 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

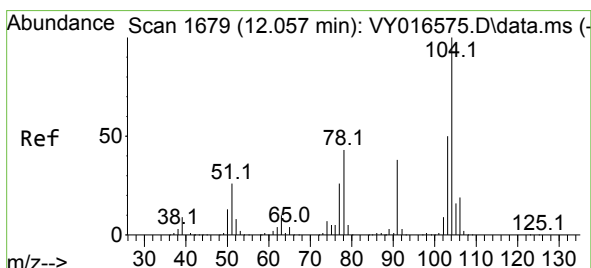
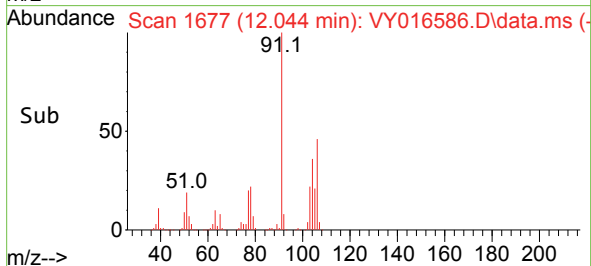
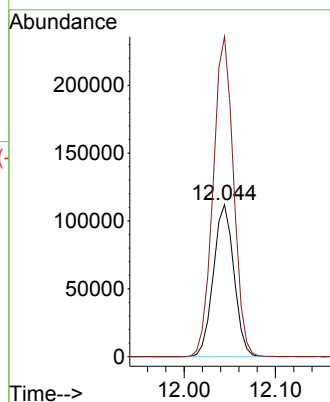
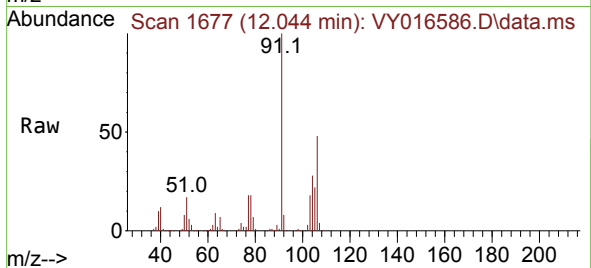
ClientSampleId :

Tgt Ion:106 Resp: 174812

Ion Ratio Lower Upper

106 100

91 209.5 108.1 324.3



#70

Styrene

Concen: 47.650 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

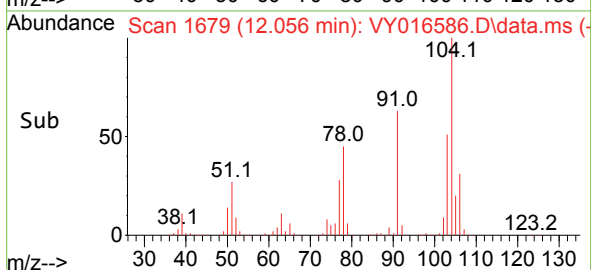
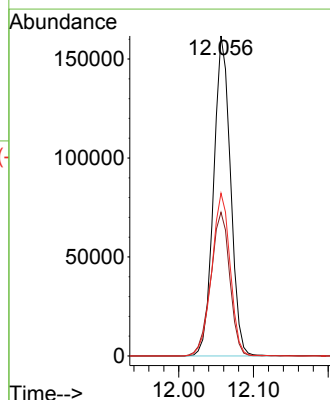
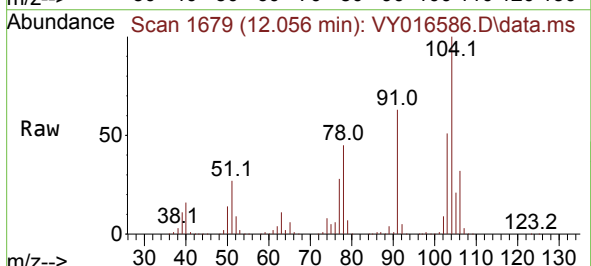
Tgt Ion:104 Resp: 254989

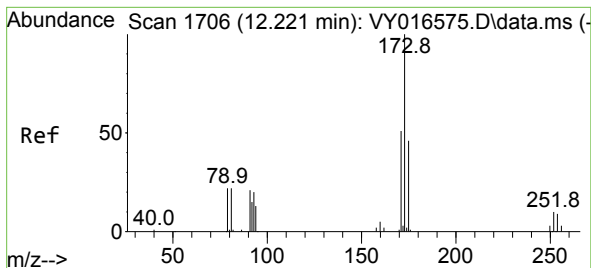
Ion Ratio Lower Upper

104 100

78 50.6 41.5 62.3

103 55.5 44.6 67.0





#71

Bromoform

Concen: 46.993 ug/l

RT: 12.221 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

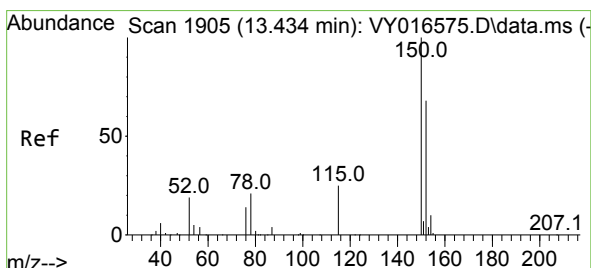
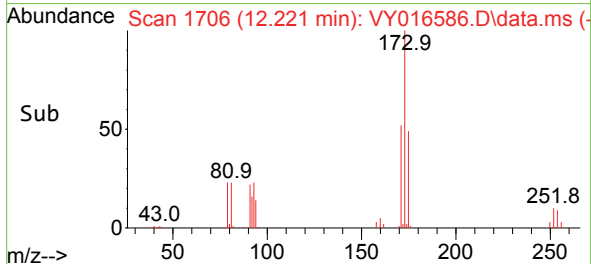
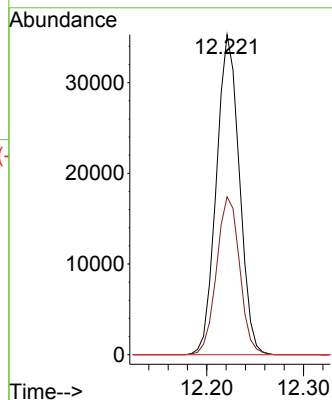
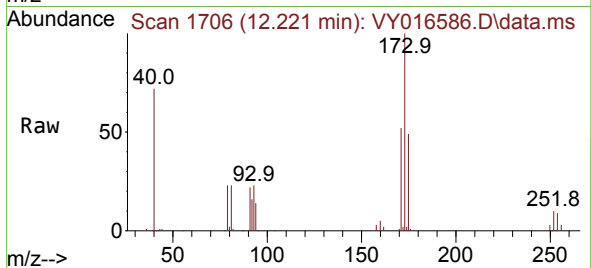
Tgt Ion:173 Resp: 58201

Ion Ratio Lower Upper

173 100

175 49.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

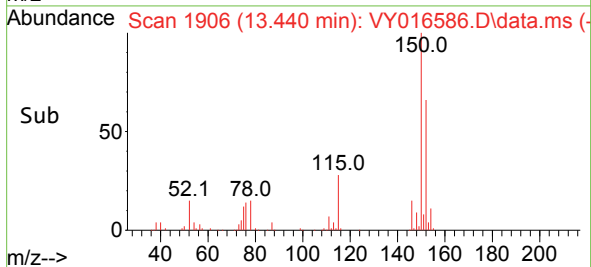
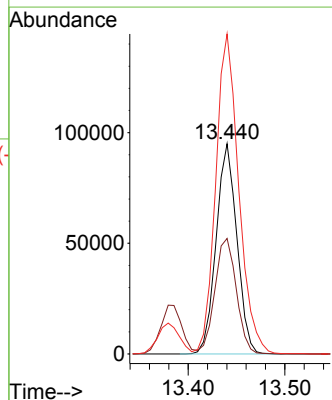
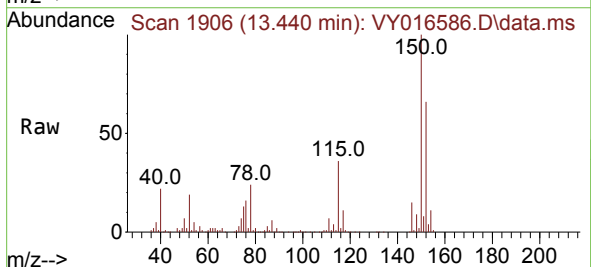
Tgt Ion:152 Resp: 141247

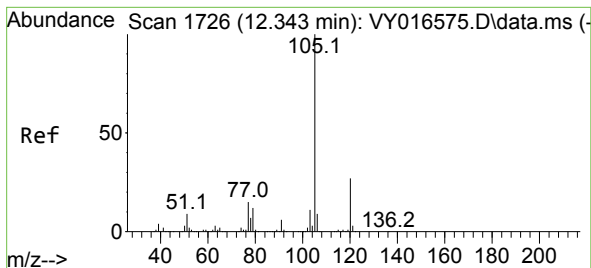
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 169.1 0.0 348.8





#73

Isopropylbenzene

Concen: 46.162 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

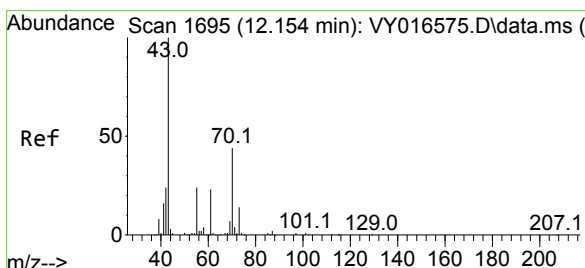
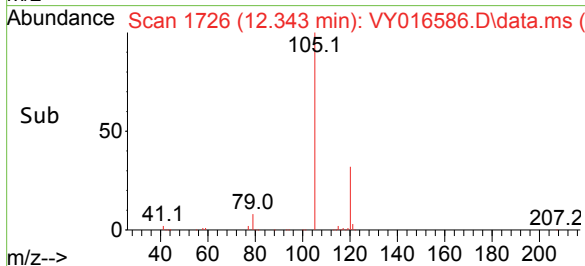
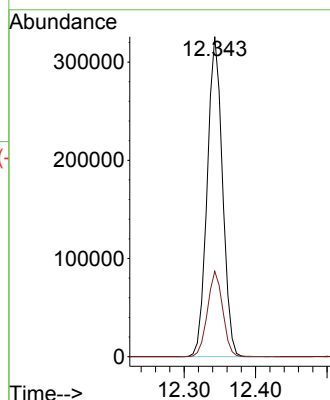
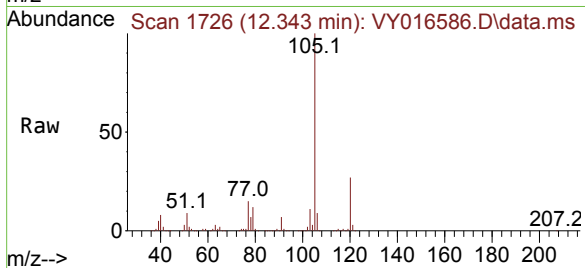
ClientSampleId :

Tgt Ion:105 Resp: 482805

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 45.192 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Tgt Ion: 43 Resp: 94248

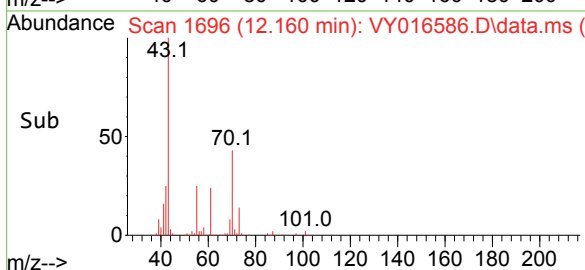
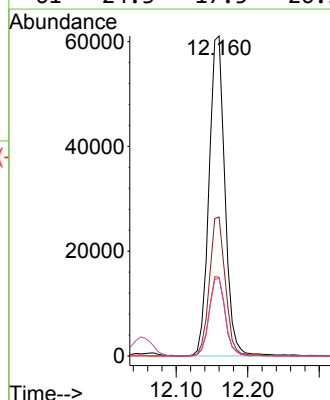
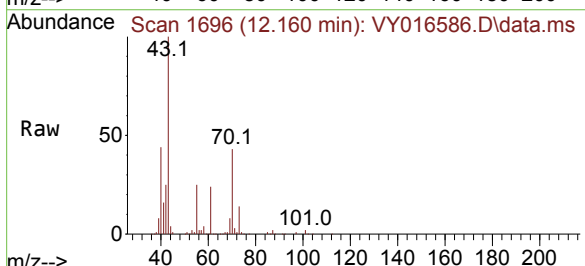
Ion Ratio Lower Upper

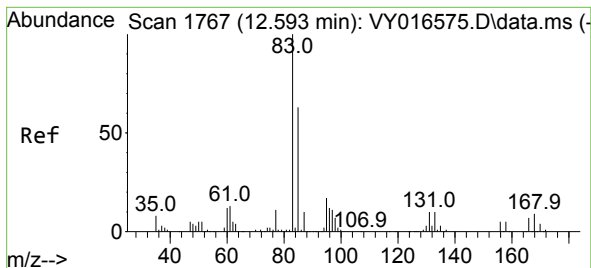
43 100

70 43.4 29.7 44.5

55 25.3 18.3 27.5

61 24.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.012 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

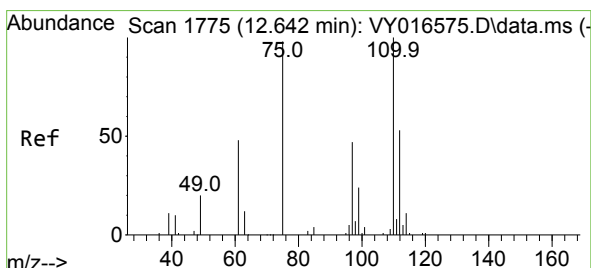
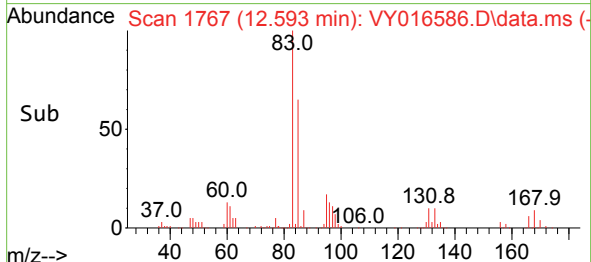
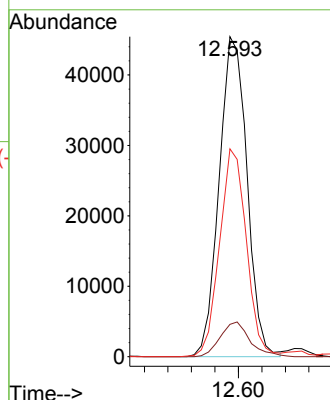
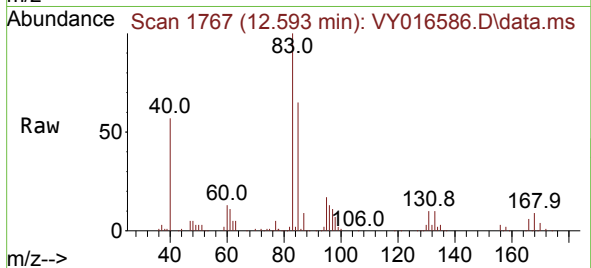
Tgt Ion: 83 Resp: 74879

Ion Ratio Lower Upper

83 100

131 11.6 5.4 16.2

85 62.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 79.886 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016586.D

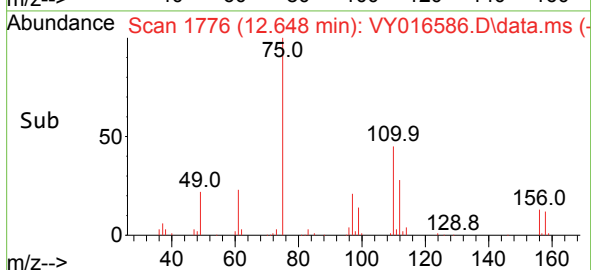
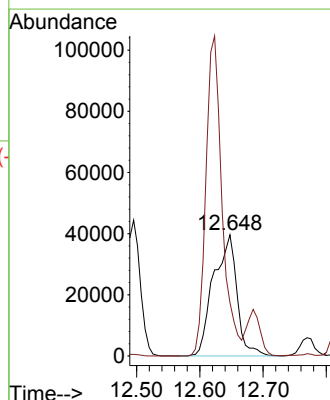
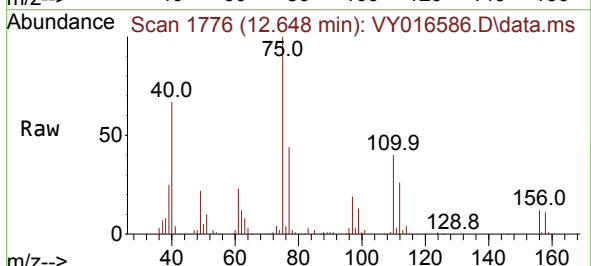
Acq: 04 Dec 2023 18:53

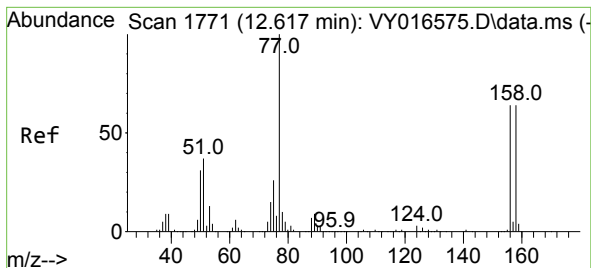
Tgt Ion: 75 Resp: 101929

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.365 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

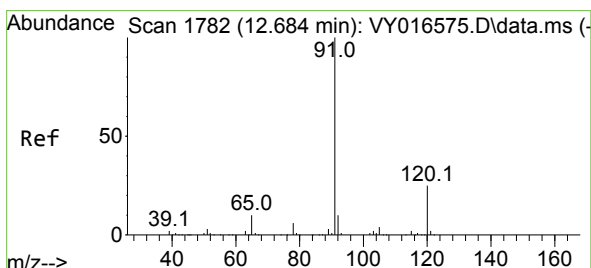
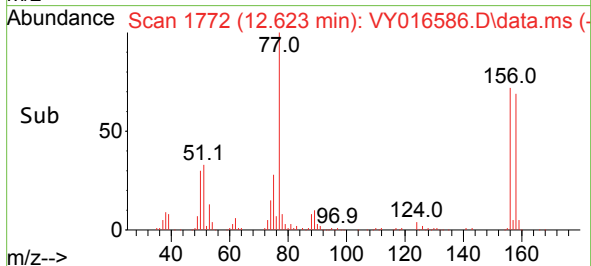
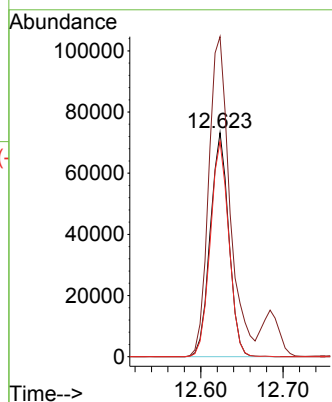
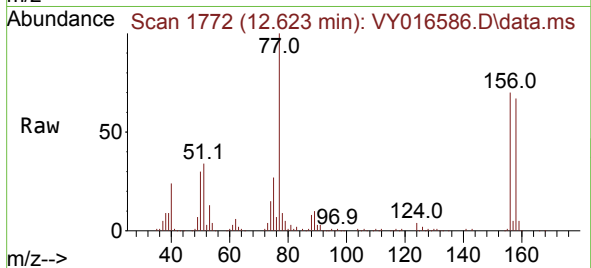
Tgt Ion:156 Resp: 114289

Ion Ratio Lower Upper

156 100

77 163.5 92.8 278.6

158 96.3 48.4 145.3



#78

n-propylbenzene

Concen: 45.325 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VY016586.D

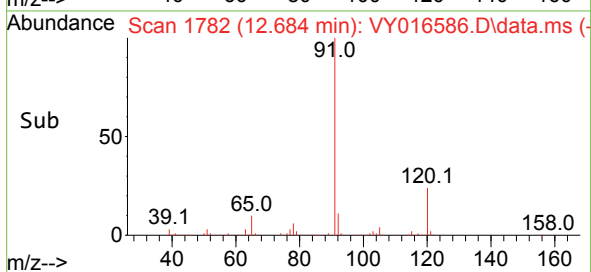
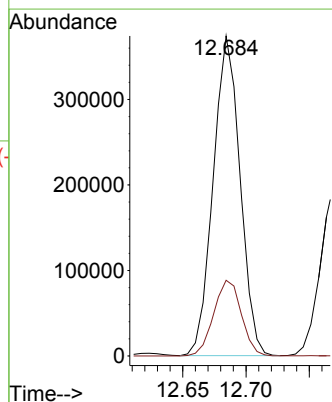
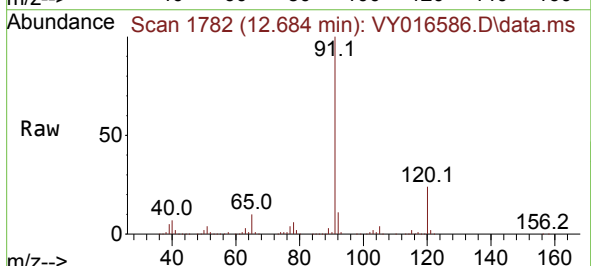
Acq: 04 Dec 2023 18:53

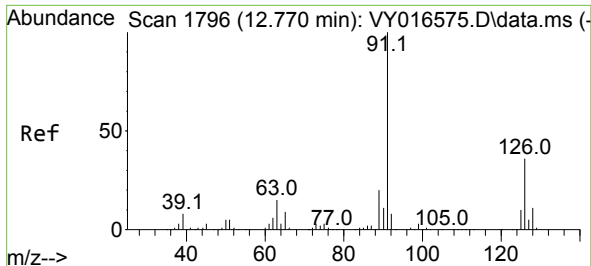
Tgt Ion: 91 Resp: 551757

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4

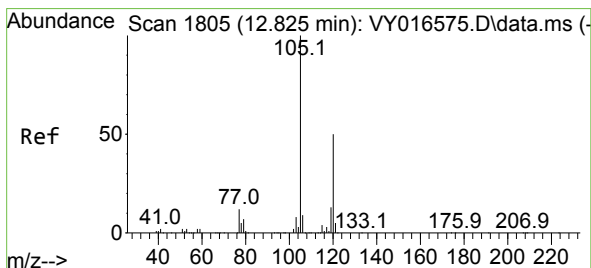
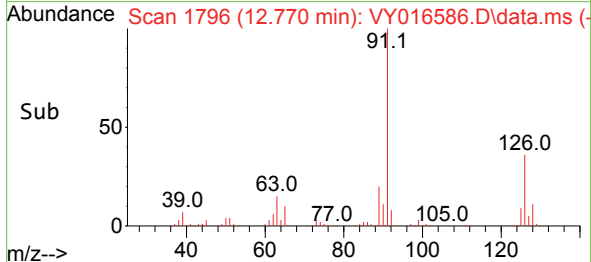
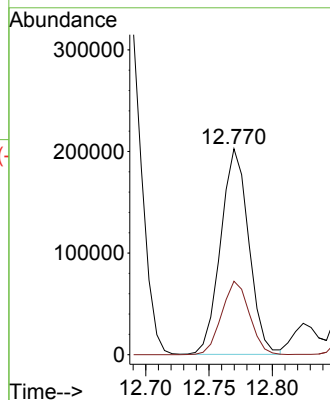
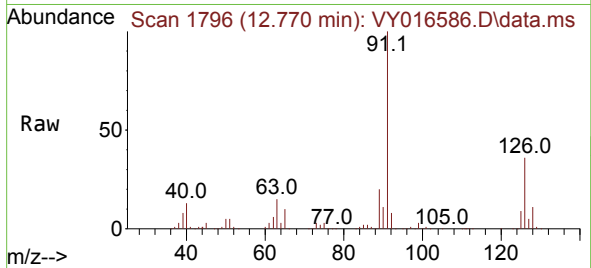




#79
2-Chlorotoluene
Concen: 45.698 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

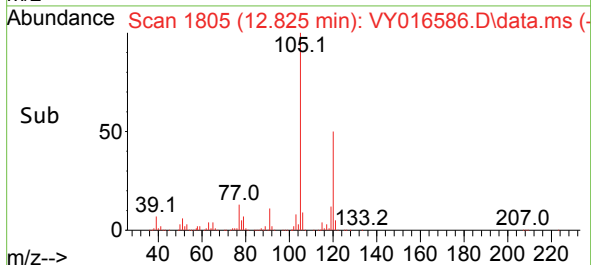
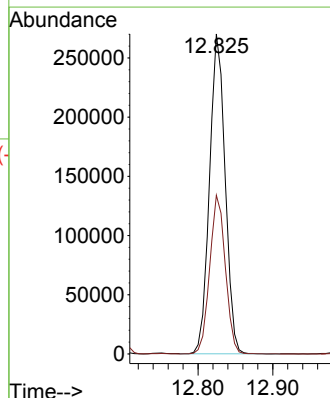
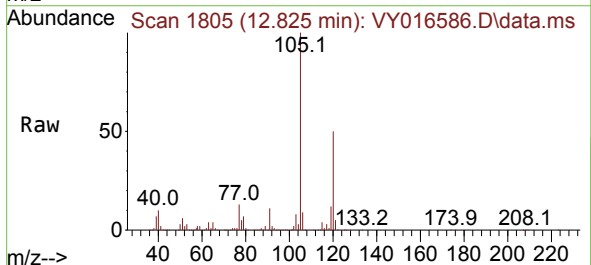
Instrument :
MSVOA_Y
ClientSampleId :

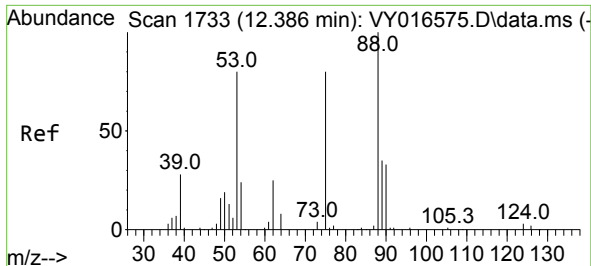
Tgt Ion: 91 Resp: 313485
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 46.156 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

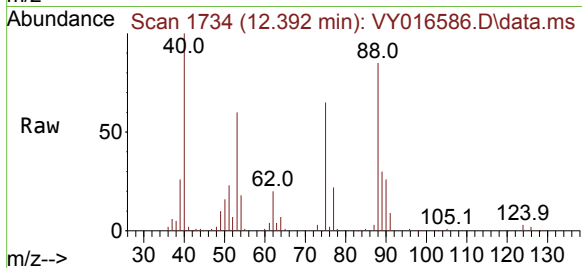
Tgt Ion:105 Resp: 392257
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7



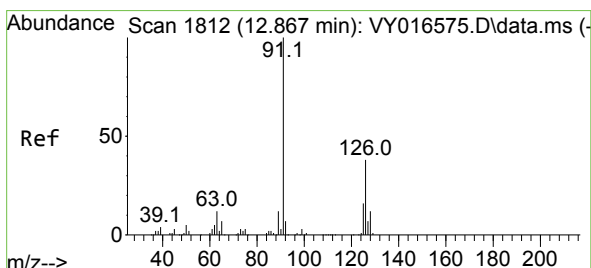
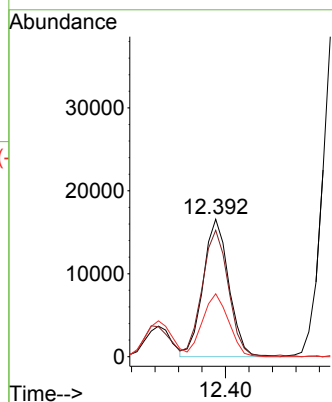
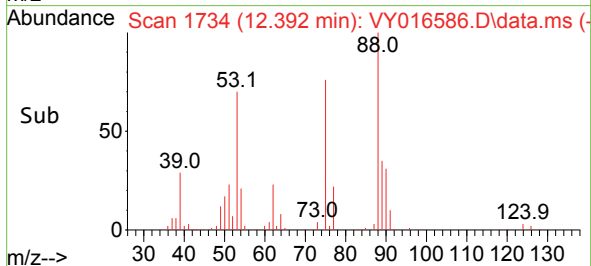


#81
trans-1,4-Dichloro-2-butene
Concen: 44.514 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Instrument :
MSVOA_Y
ClientSampleId :

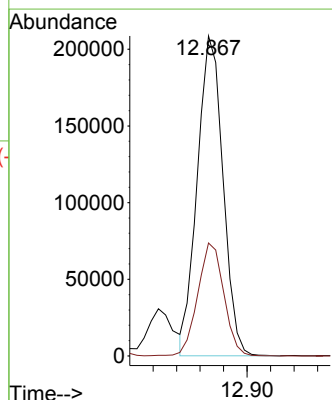
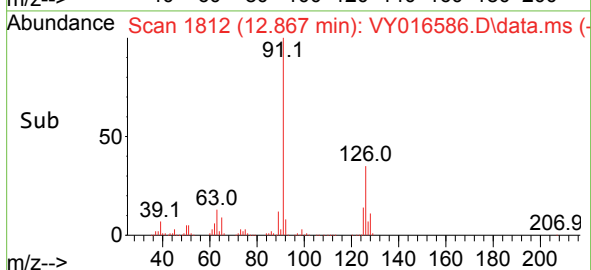
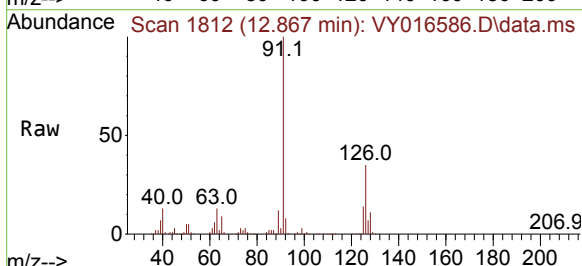


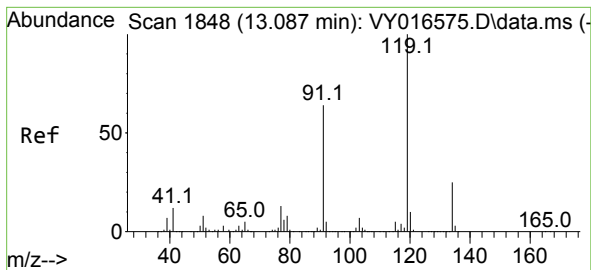
Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.1	77.8	116.8
89	46.4	37.4	56.0



#82
4-Chlorotoluene
Concen: 44.611 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.0	17.2	51.6

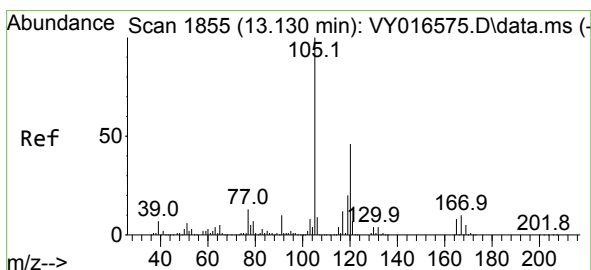
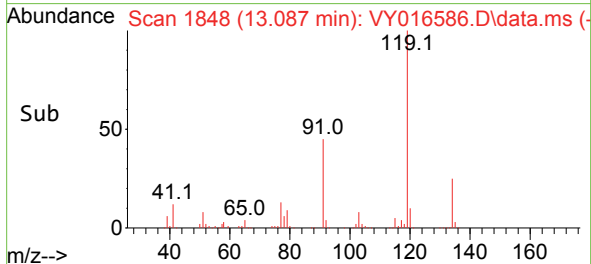
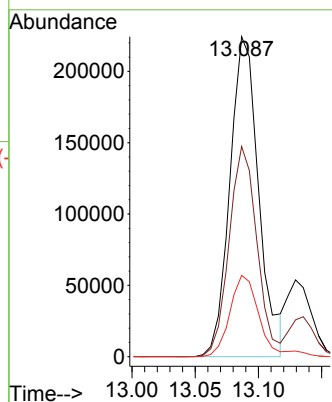
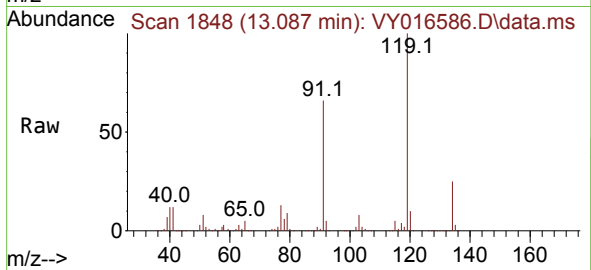




#83
tert-Butylbenzene
Concen: 46.891 ug/l
RT: 13.087 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

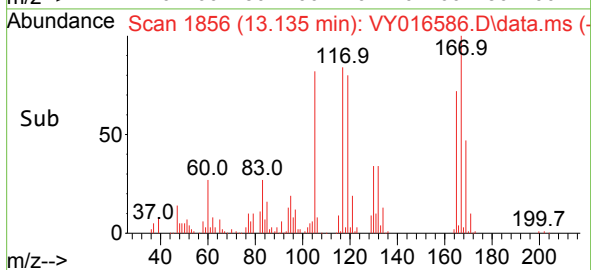
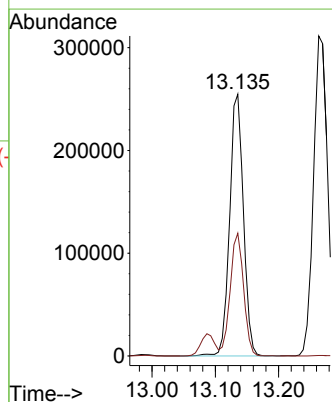
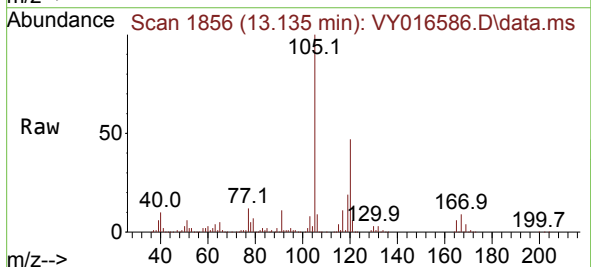
Instrument :
MSVOA_Y
ClientSampleId :

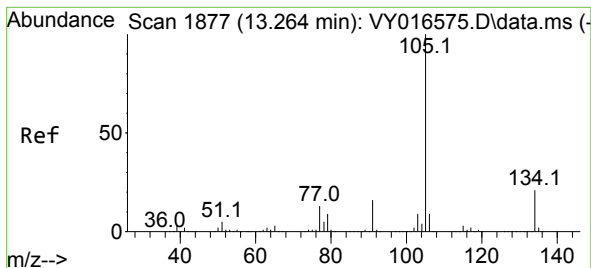
Tgt Ion:119 Resp: 356050
Ion Ratio Lower Upper
119 100
91 63.6 32.9 98.6
134 26.1 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 46.360 ug/l
RT: 13.135 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion:105 Resp: 384841
Ion Ratio Lower Upper
105 100
120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 45.151 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

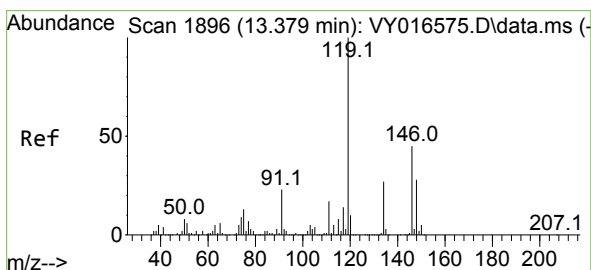
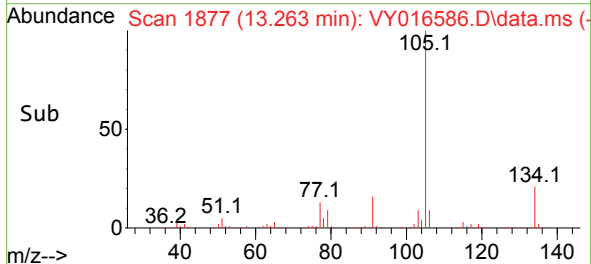
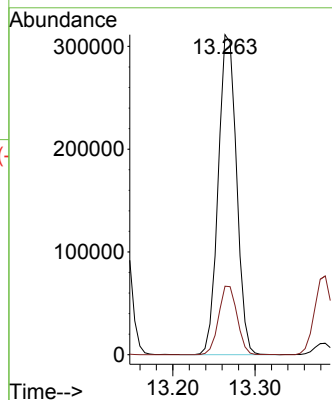
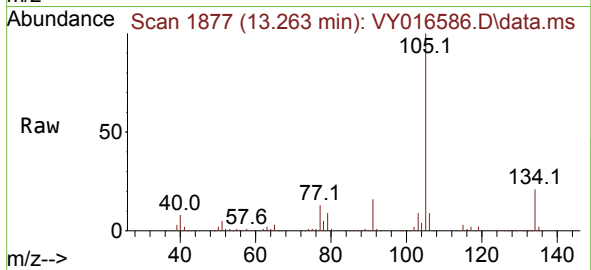
ClientSampleId :

Tgt Ion:105 Resp: 481520

Ion Ratio Lower Upper

105 100

134 21.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 46.020 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

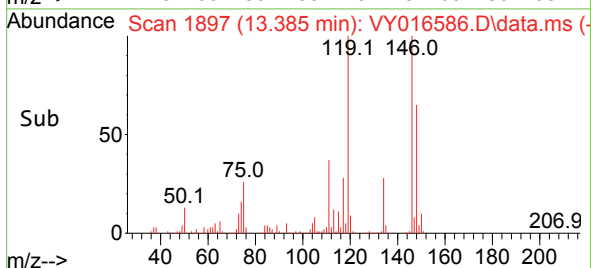
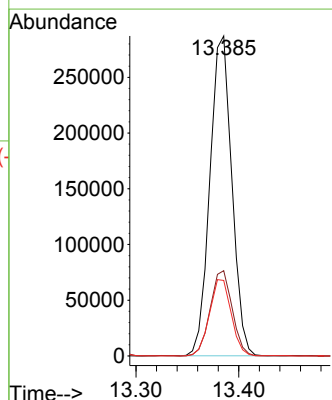
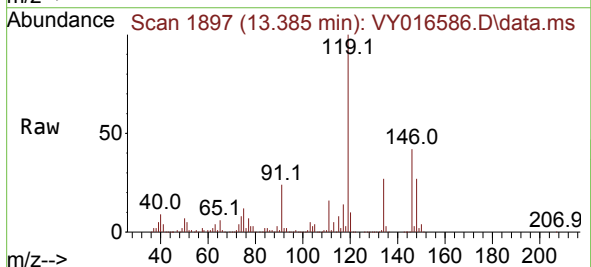
Tgt Ion:119 Resp: 426028

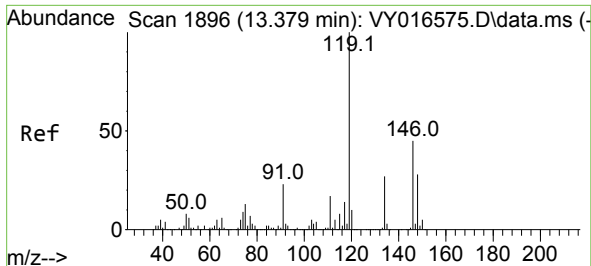
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 23.7 12.4 37.4

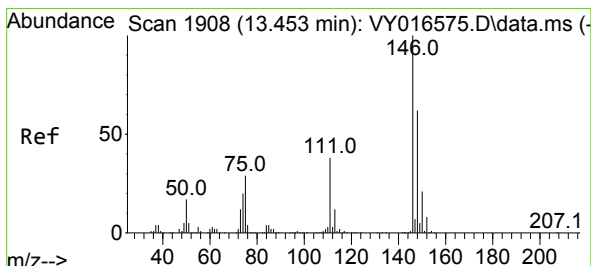
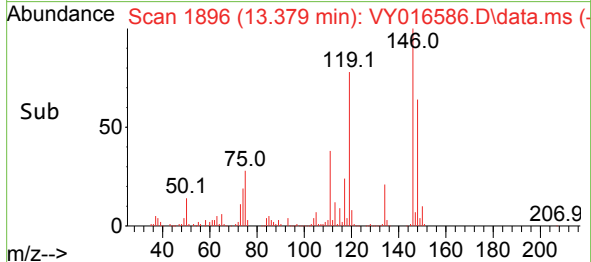
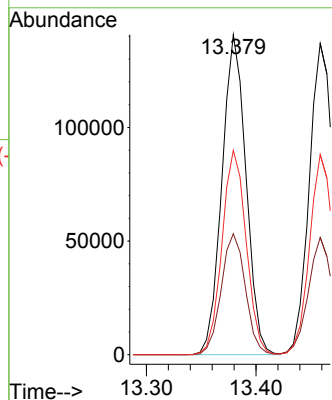
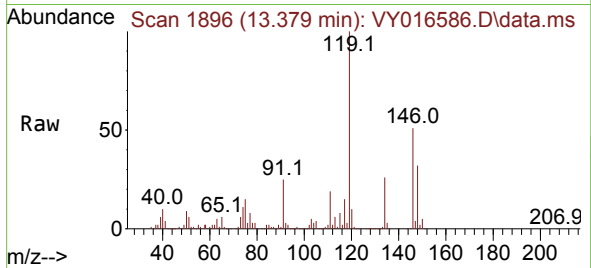




#87
1,3-Dichlorobenzene
Concen: 45.645 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

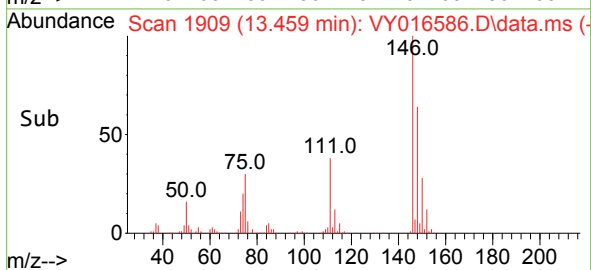
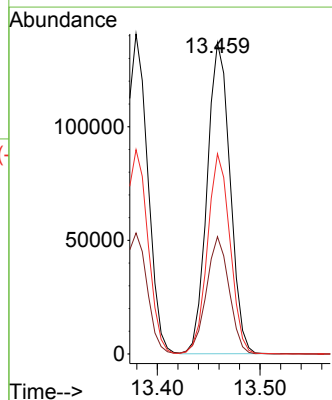
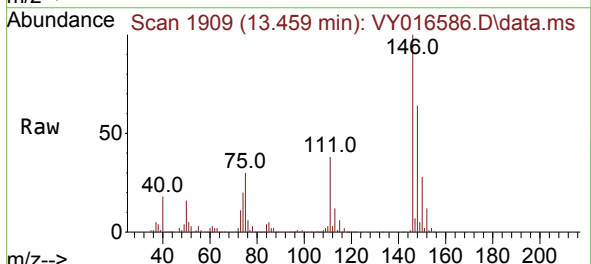
Instrument :
MSVOA_Y
ClientSampleId :

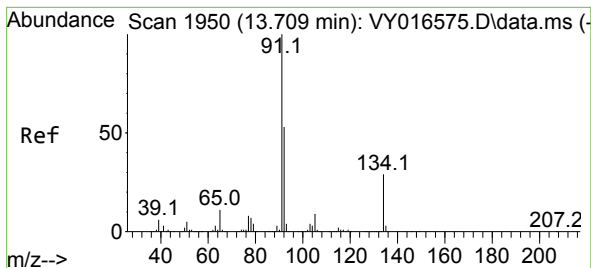
Tgt Ion:146 Resp: 214778
Ion Ratio Lower Upper
146 100
111 37.9 19.4 58.2
148 64.1 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 45.875 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016586.D
Acq: 04 Dec 2023 18:53

Tgt Ion:146 Resp: 211848
Ion Ratio Lower Upper
146 100
111 37.4 18.9 56.7
148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 46.308 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

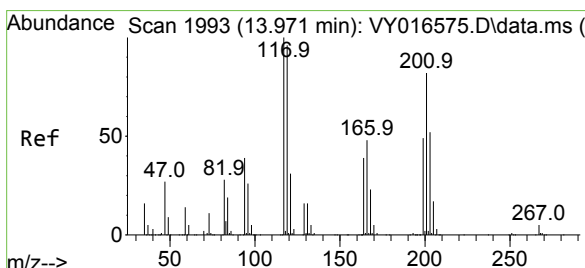
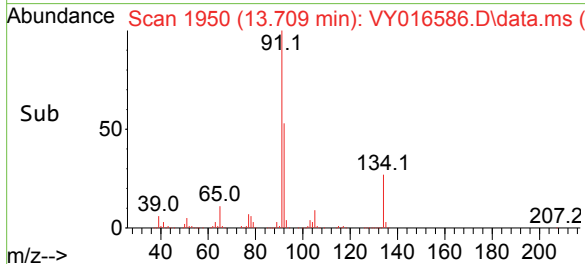
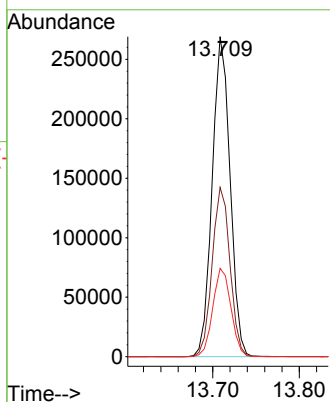
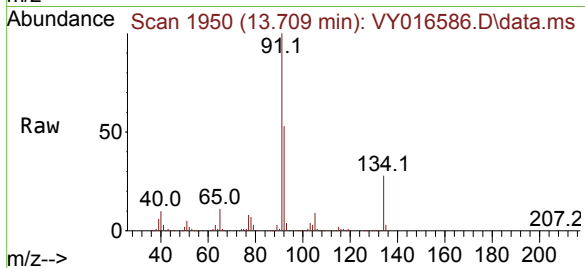
Tgt Ion: 91 Resp: 385528

Ion Ratio Lower Upper

91 100

92 52.7 25.4 76.0

134 28.0 12.6 37.6



#90

Hexachloroethane

Concen: 44.957 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016586.D

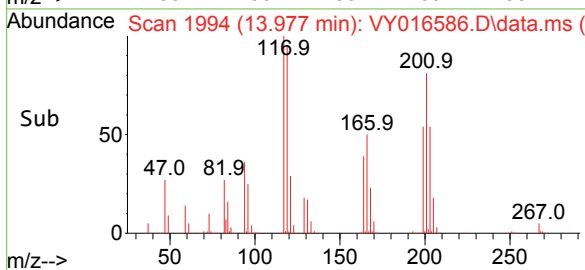
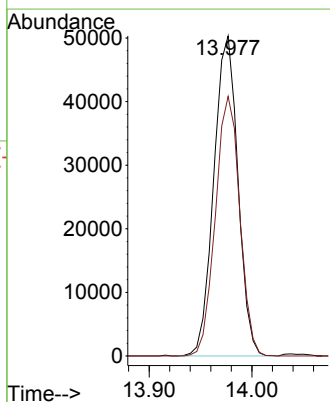
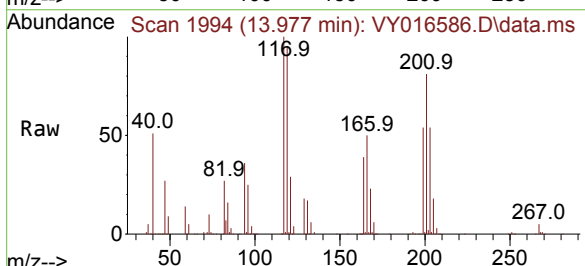
Acq: 04 Dec 2023 18:53

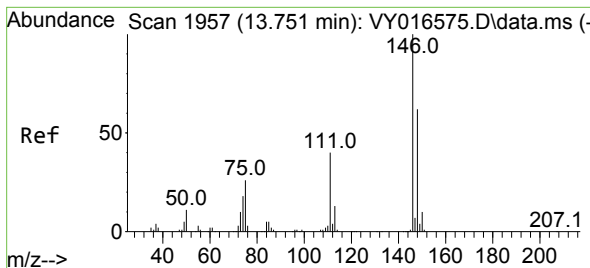
Tgt Ion: 117 Resp: 81890

Ion Ratio Lower Upper

117 100

201 81.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 45.760 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

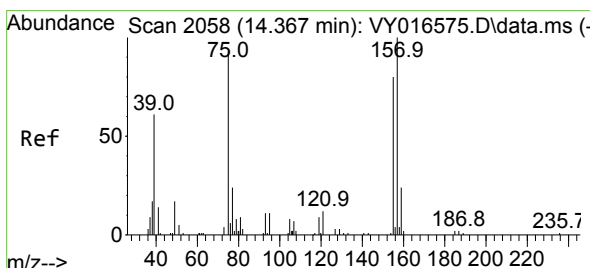
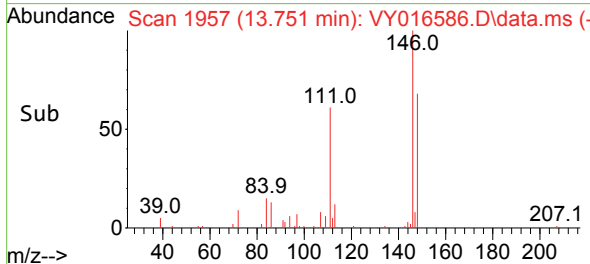
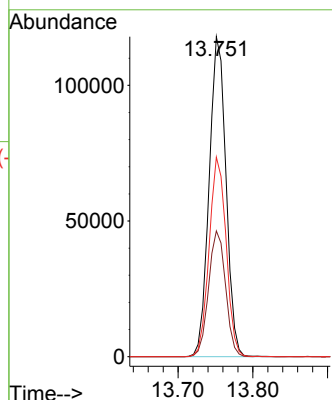
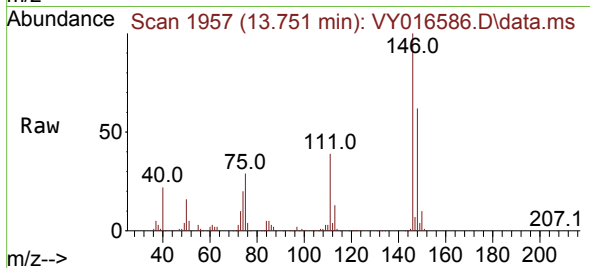
Tgt Ion:146 Resp: 184865

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

148 63.0 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.960 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

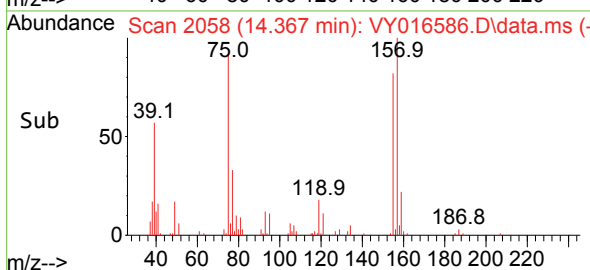
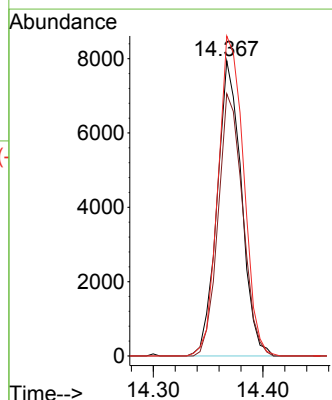
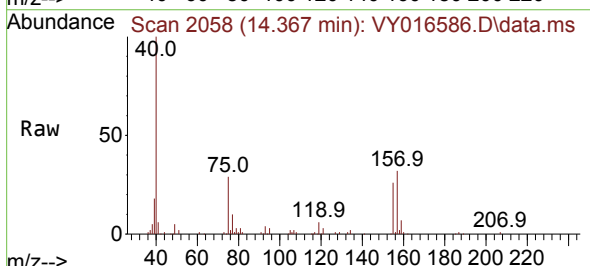
Tgt Ion: 75 Resp: 12235

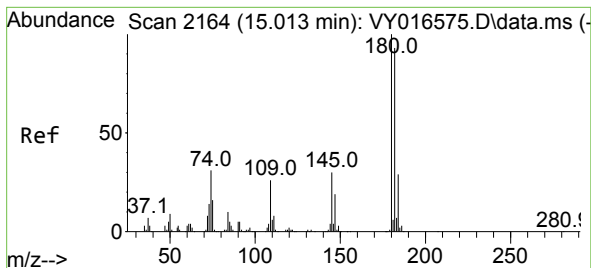
Ion Ratio Lower Upper

75 100

155 89.6 41.5 124.6

157 114.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 47.370 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

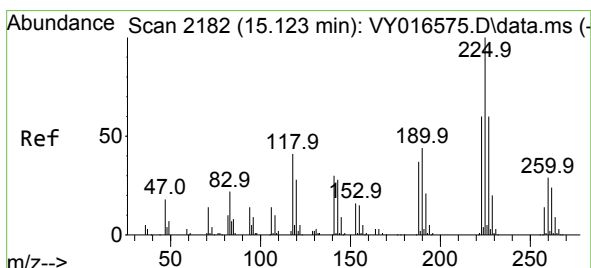
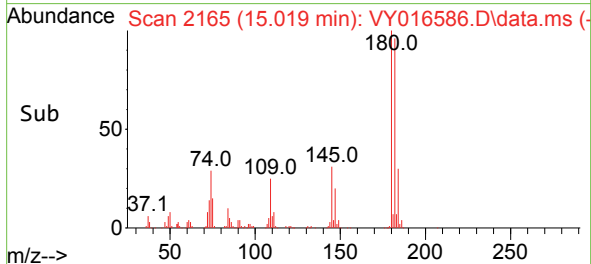
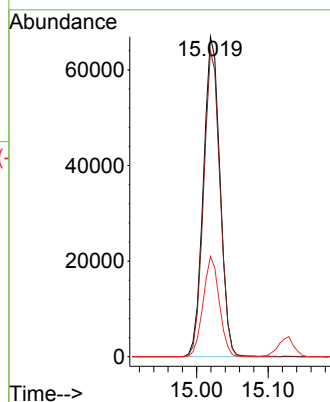
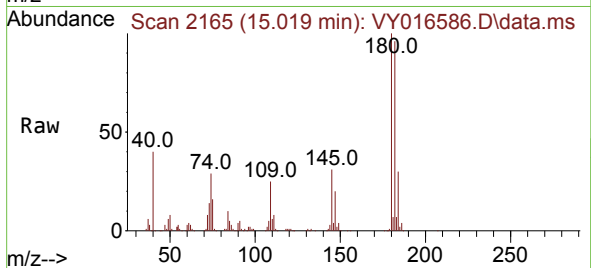
Tgt Ion:180 Resp: 107987

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 45.152 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

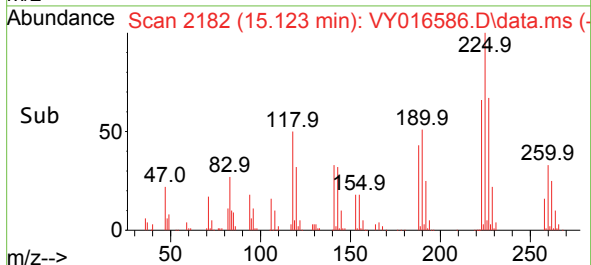
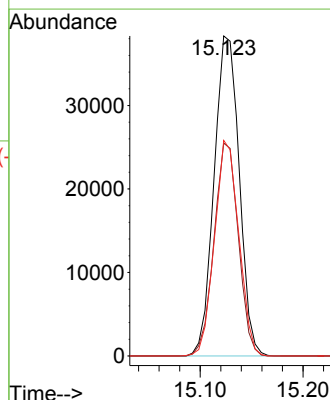
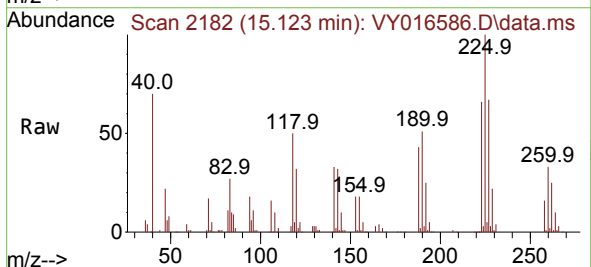
Tgt Ion:225 Resp: 65032

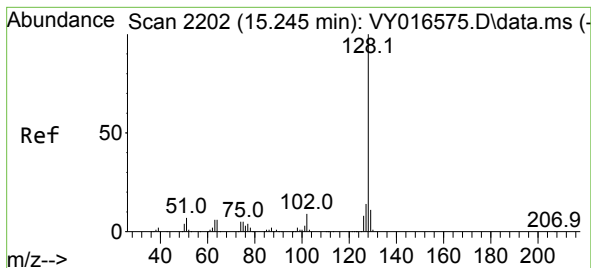
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.9

227 64.9 33.0 98.9





#95

Naphthalene

Concen: 50.118 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Instrument :

MSVOA_Y

ClientSampleId :

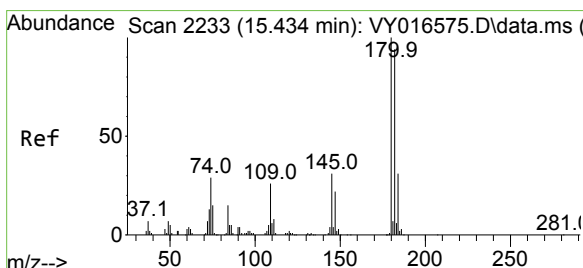
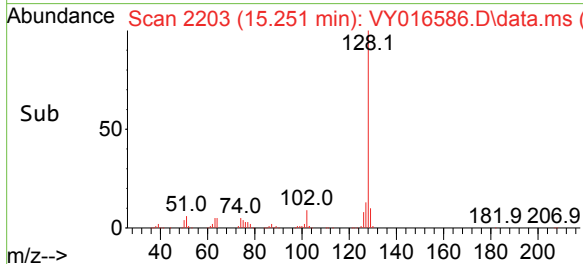
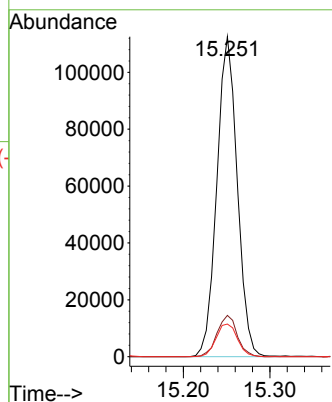
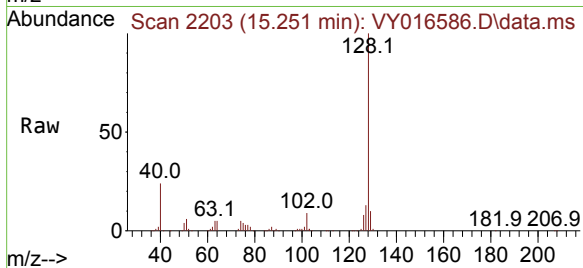
Tgt Ion:128 Resp: 184036

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.201 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016586.D

Acq: 04 Dec 2023 18:53

Tgt Ion:180 Resp: 87198

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.8

145 31.5 15.4 46.2

