

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016582.D
 Acq On : 04 Dec 2023 17:20
 Operator : SY/MD
 Sample : VY1204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 05 01:29:38 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	7.801	168	226144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	345889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	305920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	148171	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	108945	52.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.240%	
35) Dibromofluoromethane	7.728	113	104881	50.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.780%	
50) Toluene-d8	10.191	98	395700	50.256	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	12.489	95	134679	52.014	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.020%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	44817	22.435	ug/l	98
3) Chloromethane	2.119	50	43478	20.981	ug/l	99
4) Vinyl Chloride	2.259	62	43375	20.726	ug/l	96
5) Bromomethane	2.656	94	27899	21.283	ug/l	96
6) Chloroethane	2.802	64	26923	20.828	ug/l	94
7) Trichlorofluoromethane	3.137	101	83578	21.126	ug/l	99
8) Diethyl Ether	3.540	74	25103	22.783	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.912	101	46681	21.100	ug/l	99
10) Methyl Iodide	4.107	142	49424	21.144	ug/l	99
11) Tert butyl alcohol	4.972	59	18696	131.281	ug/l #	93
12) 1,1-Dichloroethene	3.887	96	42716	21.254	ug/l	89
13) Acrolein	3.741	56	23587	113.924	ug/l	99
14) Allyl chloride	4.497	41	66902	21.813	ug/l	98
15) Acrylonitrile	5.180	53	52686	118.472	ug/l	99
16) Acetone	3.954	43	63206	133.632	ug/l	96
17) Carbon Disulfide	4.210	76	115519	20.502	ug/l	97
18) Methyl Acetate	4.497	43	41528	22.150	ug/l	93
19) Methyl tert-butyl Ether	5.241	73	114369	23.150	ug/l	97
20) Methylene Chloride	4.728	84	50170	22.186	ug/l	89
21) trans-1,2-Dichloroethene	5.241	96	48192	21.324	ug/l	94
22) Diisopropyl ether	6.137	45	141494	22.431	ug/l	93
23) Vinyl Acetate	6.076	43	356270	117.653	ug/l	95
24) 1,1-Dichloroethane	6.039	63	82473	21.282	ug/l	95
25) 2-Butanone	7.002	43	83542	128.449	ug/l	98
26) 2,2-Dichloropropane	6.996	77	78320	21.498	ug/l	97
27) cis-1,2-Dichloroethene	7.002	96	54422	21.876	ug/l	94
28) Bromochloromethane	7.344	49	33307	21.219	ug/l	88
29) Tetrahydrofuran	7.362	42	45123	121.687	ug/l	94
30) Chloroform	7.521	83	90183	21.831	ug/l	96
31) Cyclohexane	7.801	56	72785	20.398	ug/l	91
32) 1,1,1-Trichloroethane	7.716	97	82526	21.110	ug/l	97
36) 1,1-Dichloropropene	7.929	75	66928	21.152	ug/l	98
37) Ethyl Acetate	7.088	43	31940	24.123	ug/l #	95
38) Carbon Tetrachloride	7.917	117	76268	20.821	ug/l	97
39) Methylcyclohexane	9.197	83	77642	20.366	ug/l	94
40) Benzene	8.173	78	189789	21.280	ug/l	100

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Instrument :
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 ClientSampleId :

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	17300	22.623	ug/l	93
42) 1,2-Dichloroethane	8.252	62	56447	21.797	ug/l	96
43) Isopropyl Acetate	8.283	43	61999	24.273	ug/l	94
44) Trichloroethene	8.953	130	57459	21.363	ug/l	95
45) 1,2-Dichloropropane	9.228	63	46486	21.649	ug/l	98
46) Dibromomethane	9.319	93	26183	22.243	ug/l	97
47) Bromodichloromethane	9.508	83	68183	21.757	ug/l	98
48) Methyl methacrylate	9.301	41	34487	23.379	ug/l	92
49) 1,4-Dioxane	9.307	88	6232	523.057	ug/l #	65
51) 4-Methyl-2-Pentanone	10.081	43	160198	120.687	ug/l	94
52) Toluene	10.252	92	121099	21.664	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	65671	22.205	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	75382	21.702	ug/l	93
55) 1,1,2-Trichloroethane	10.654	97	37428	22.826	ug/l	95
56) Ethyl methacrylate	10.520	69	34367	22.865	ug/l	91
57) 1,3-Dichloropropane	10.801	76	61917	22.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	103417	111.651	ug/l	92
59) 2-Hexanone	10.843	43	129075	128.542	ug/l	93
60) Dibromochloromethane	10.996	129	48959	22.347	ug/l	99
61) 1,2-Dibromoethane	11.099	107	34767	22.543	ug/l	99
64) Tetrachloroethene	10.733	164	59217	21.121	ug/l	95
65) Chlorobenzene	11.526	112	131175	21.170	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	51996	21.470	ug/l	98
67) Ethyl Benzene	11.605	91	231415	20.825	ug/l	98
68) m/p-Xylenes	11.715	106	177913	42.174	ug/l	95
69) o-Xylene	12.038	106	83687	21.251	ug/l	96
70) Styrene	12.050	104	122378	21.659	ug/l	99
71) Bromoform	12.221	173	29758	22.756	ug/l #	99
73) Isopropylbenzene	12.343	105	229764	20.942	ug/l	100
74) N-amyl acetate	12.154	43	50054	22.879	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	39621	22.705	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	52980	39.582	ug/l #	100
77) Bromobenzene	12.617	156	55174	21.337	ug/l	91
78) n-propylbenzene	12.684	91	264161	20.686	ug/l	98
79) 2-Chlorotoluene	12.770	91	151107	20.998	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	187182	20.996	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.392	75	12783	21.544	ug/l	98
82) 4-Chlorotoluene	12.867	91	157647	21.172	ug/l	99
83) tert-Butylbenzene	13.087	119	168196	21.116	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	186499	21.417	ug/l	98
85) sec-Butylbenzene	13.264	105	235720	21.070	ug/l	99
86) p-Isopropyltoluene	13.379	119	203754	20.981	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	105663	21.406	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	102396	21.137	ug/l	98
89) n-Butylbenzene	13.709	91	181931	20.832	ug/l	97
90) Hexachloroethane	13.971	117	39329	20.583	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	92326	21.786	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	6187	22.155	ug/l	86
93) 1,2,4-Trichlorobenzene	15.019	180	51797	21.660	ug/l	97
94) Hexachlorobutadiene	15.123	225	31554	20.884	ug/l	98
95) Naphthalene	15.245	128	91155	25.534	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	42688	24.264	ug/l	100

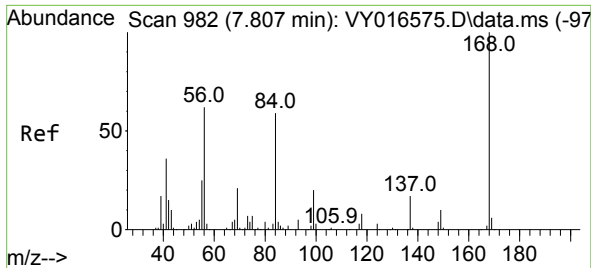
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
Data File : VY016582.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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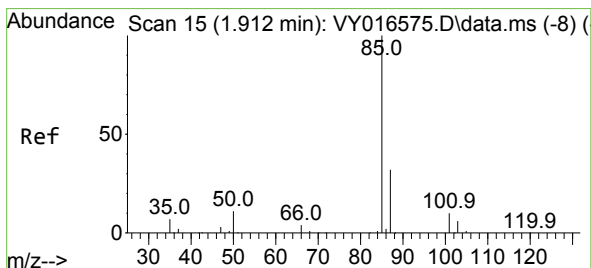
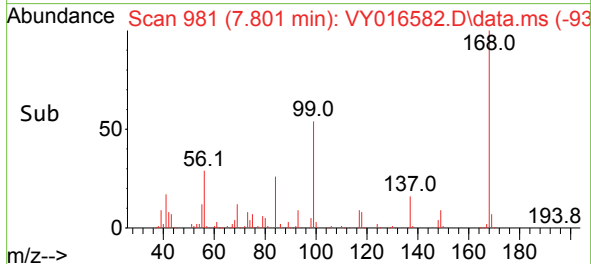
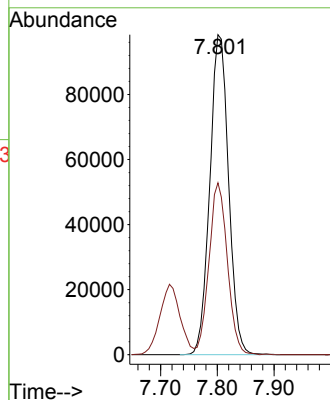
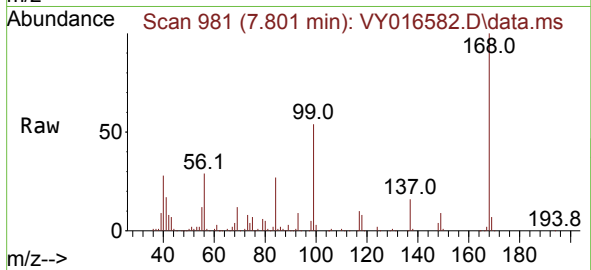
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

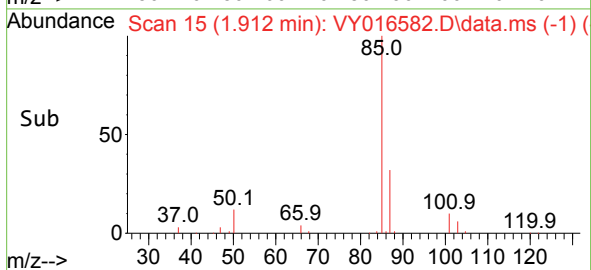
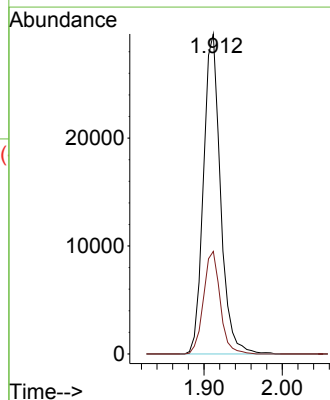
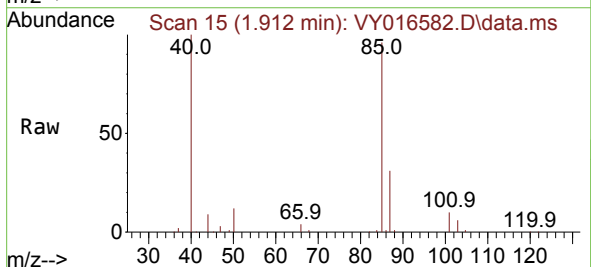
Instrument :
MSVOA_Y
ClientSampleId :

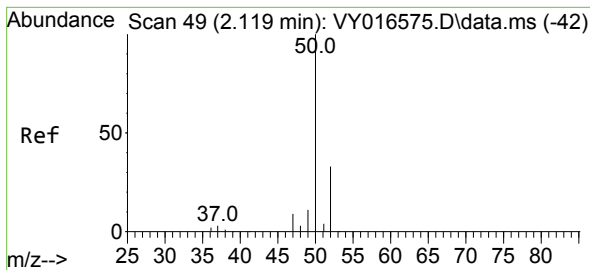
Tgt Ion:168 Resp: 226144
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 22.435 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 85 Resp: 44817
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.8





#3

Chloromethane

Concen: 20.981 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

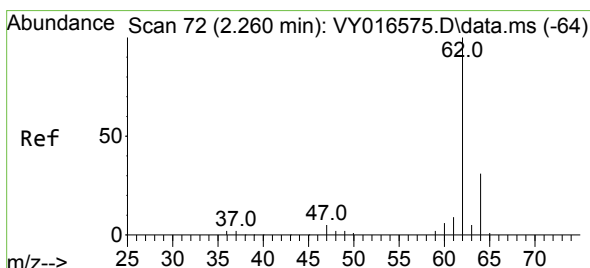
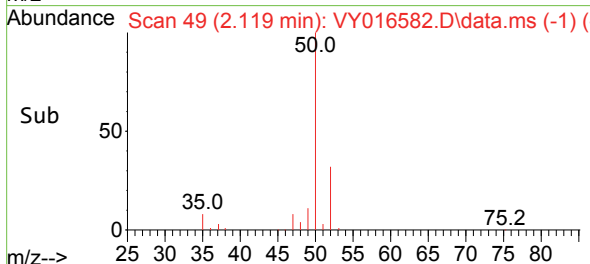
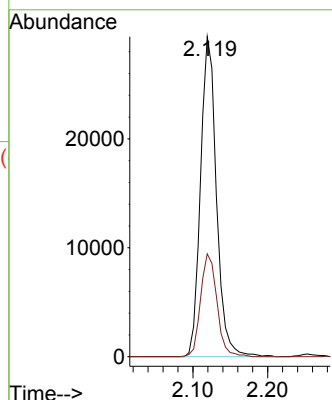
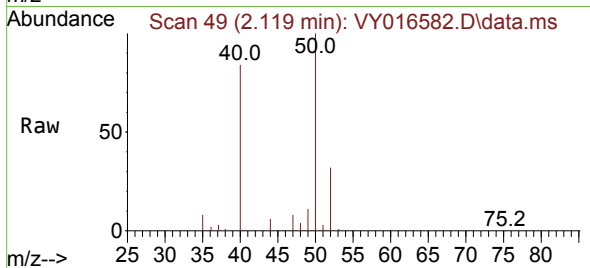
ClientSampleId :

Tgt Ion: 50 Resp: 43478

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 20.726 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016582.D

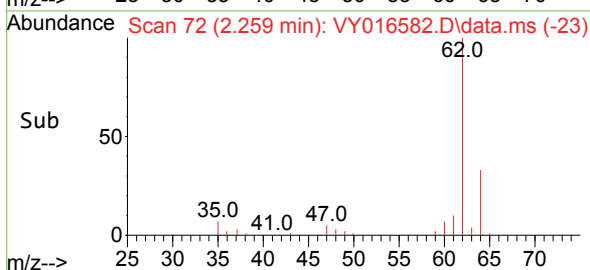
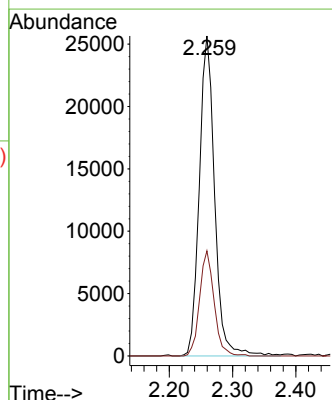
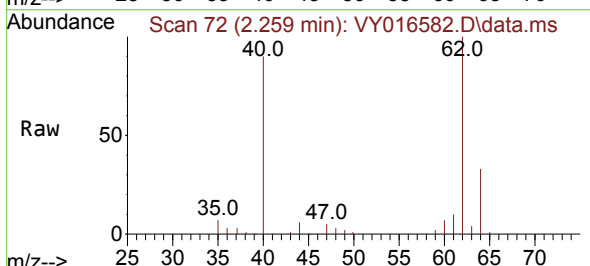
Acq: 04 Dec 2023 17:20

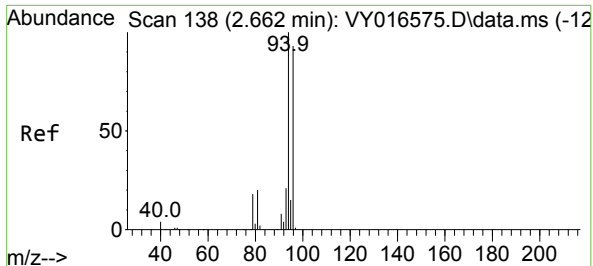
Tgt Ion: 62 Resp: 43375

Ion Ratio Lower Upper

62 100

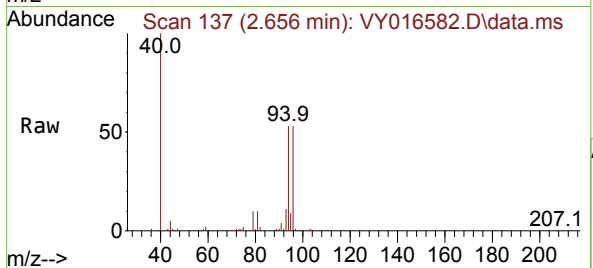
64 32.8 24.3 36.5



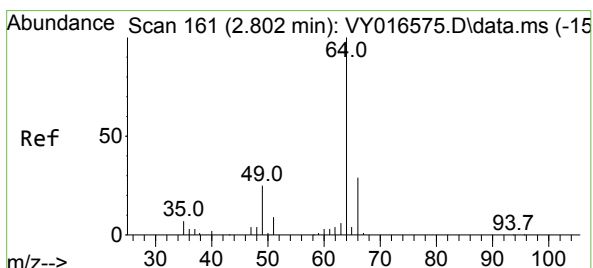
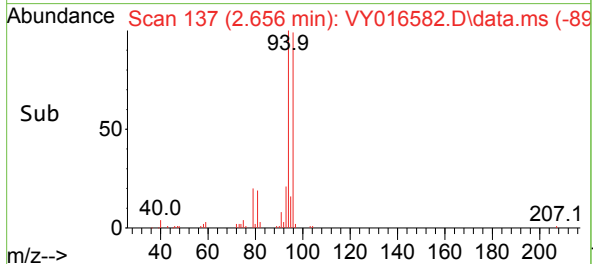
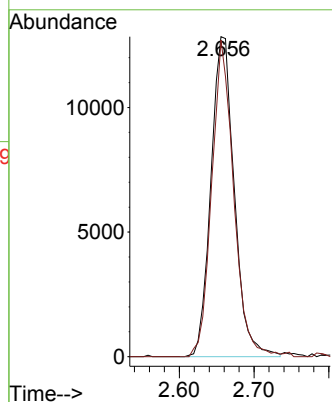


#5
Bromomethane
Concen: 21.283 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Instrument :
MSVOA_Y
ClientSampleId :

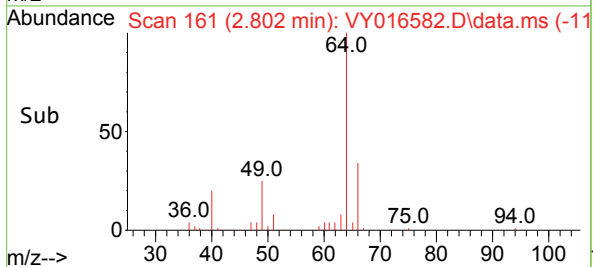
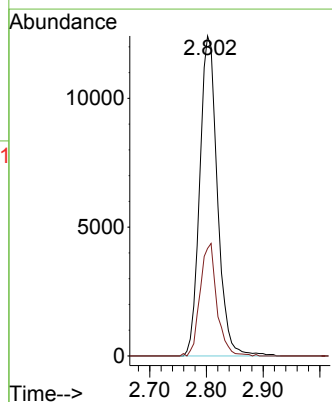
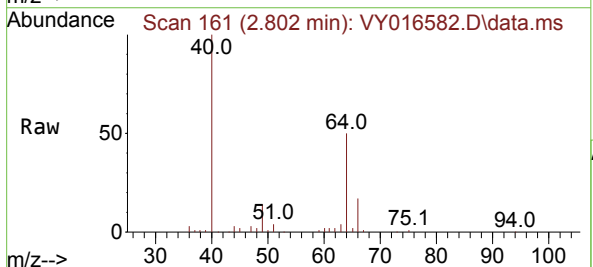


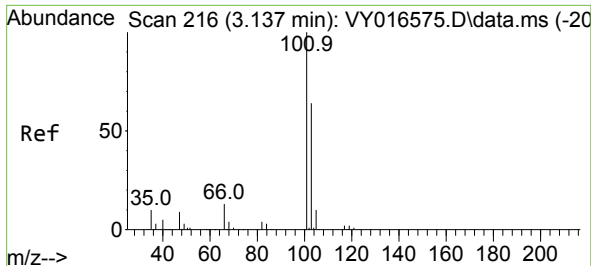
Tgt Ion: 94 Resp: 27899
Ion Ratio Lower Upper
94 100
96 98.9 75.8 113.6



#6
Chloroethane
Concen: 20.828 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

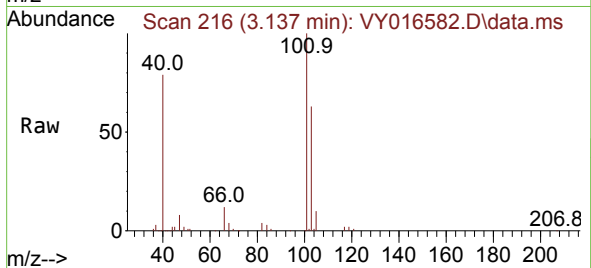
Tgt Ion: 64 Resp: 26923
Ion Ratio Lower Upper
64 100
66 33.6 24.4 36.6



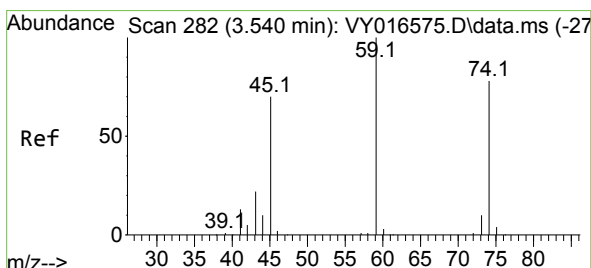
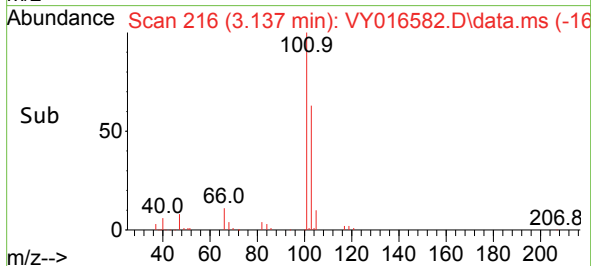
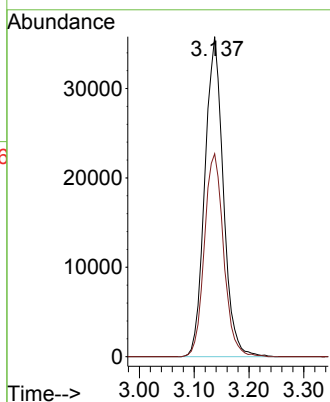


#7
 Trichlorofluoromethane
 Concen: 21.126 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016582.D
 Acq: 04 Dec 2023 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :

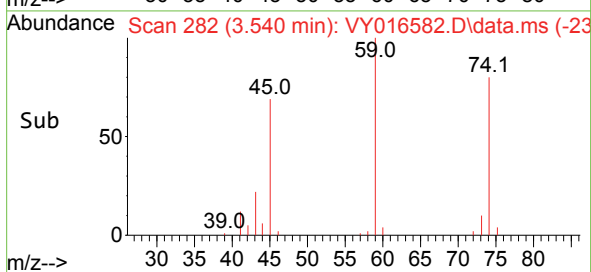
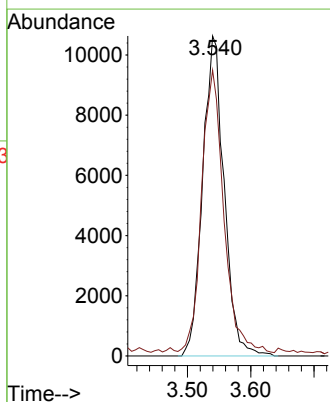
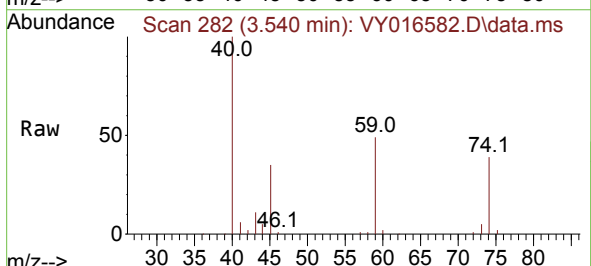


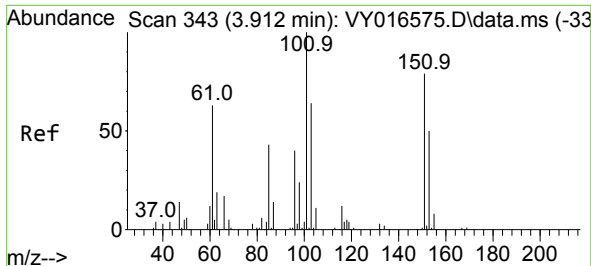
Tgt Ion:101 Resp: 83578
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 22.783 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016582.D
 Acq: 04 Dec 2023 17:20

Tgt Ion: 74 Resp: 25103
 Ion Ratio Lower Upper
 74 100
 45 90.8 51.5 154.5

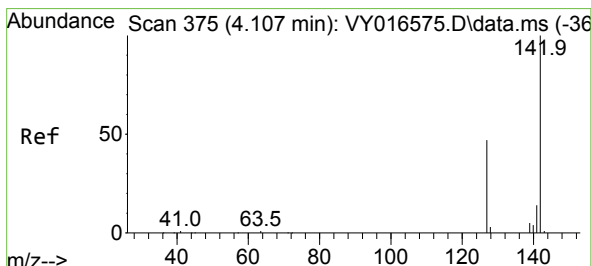
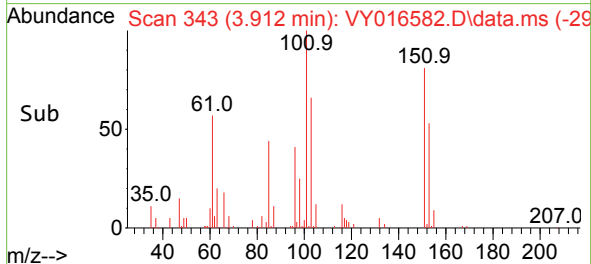
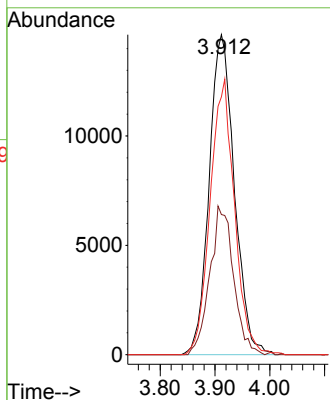
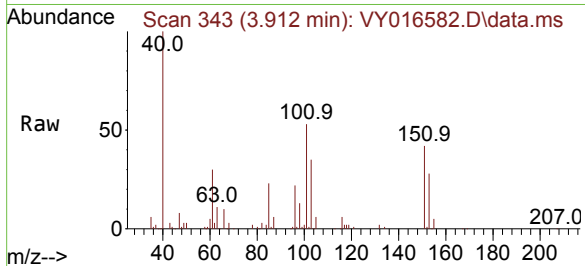




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.100 ug/l
RT: 3.912 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY016582.D
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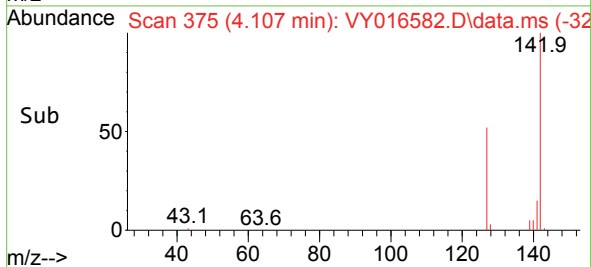
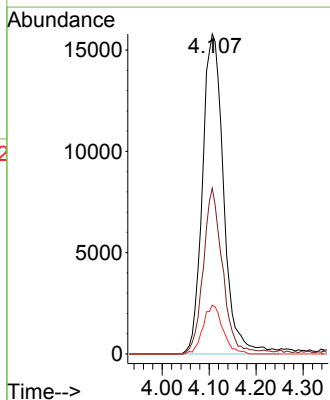
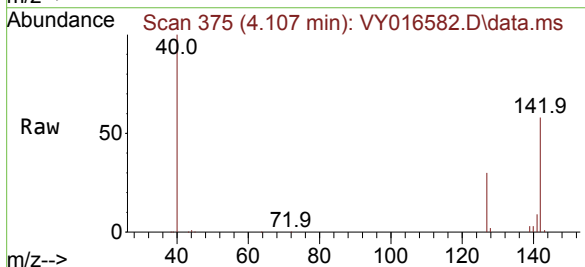
Instrument :
MSVOA_Y
ClientSampleId :

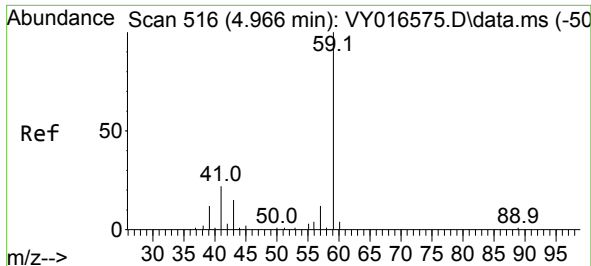
Tgt Ion:101 Resp: 46681
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 83.4 67.0 100.6



#10
Methyl Iodide
Concen: 21.144 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion:142 Resp: 49424
Ion Ratio Lower Upper
142 100
127 47.2 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 131.281 ug/l

RT: 4.972 min Scan# 516

Delta R.T. 0.006 min

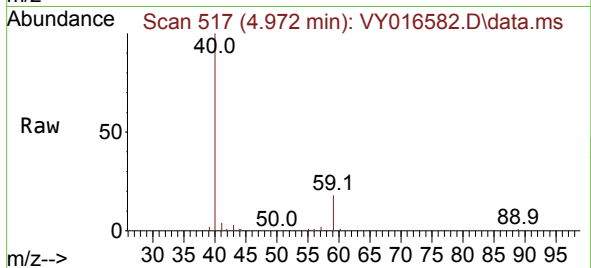
Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

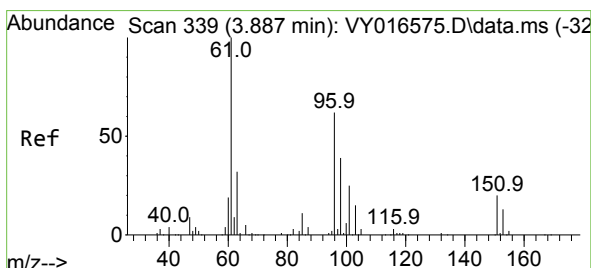
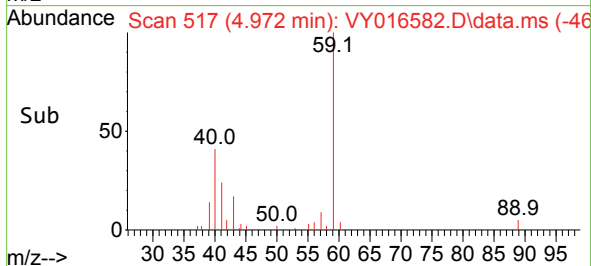
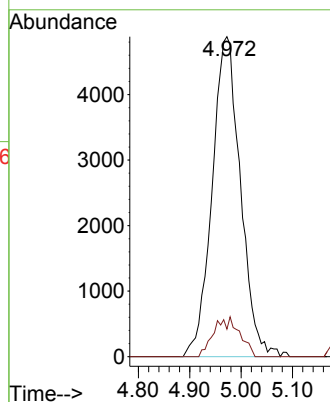


Tgt Ion: 59 Resp: 18696

Ion Ratio Lower Upper

59 100

57 6.1 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 21.254 ug/l

RT: 3.887 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

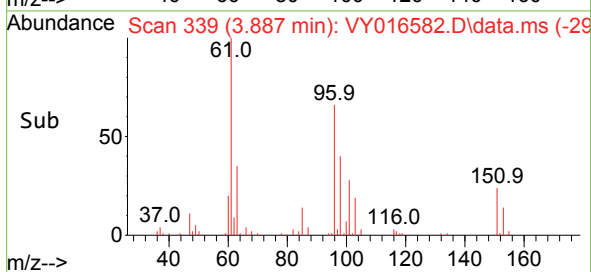
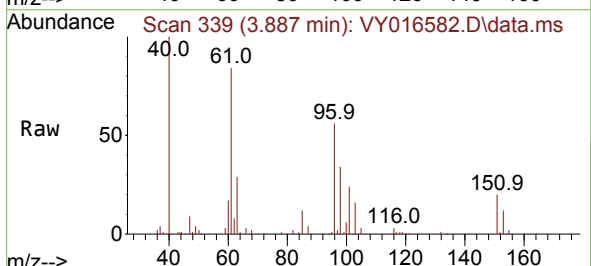
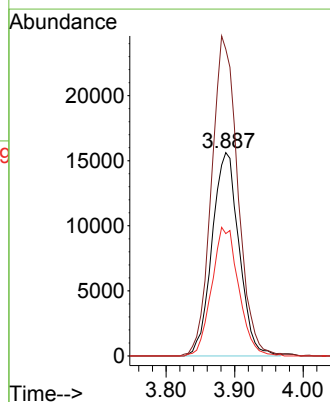
Tgt Ion: 96 Resp: 42716

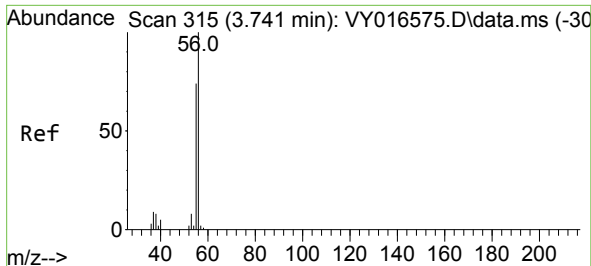
Ion Ratio Lower Upper

96 100

61 150.9 136.4 204.6

98 60.2 49.4 74.2





#13

Acrolein

Concen: 113.924 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

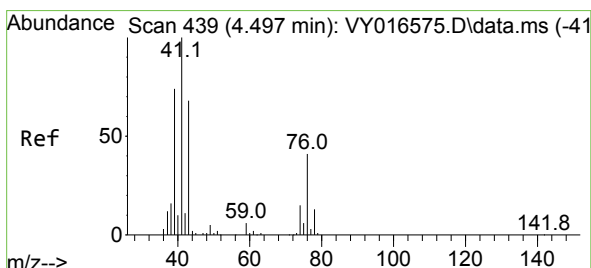
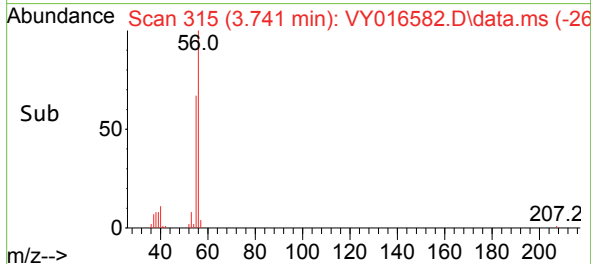
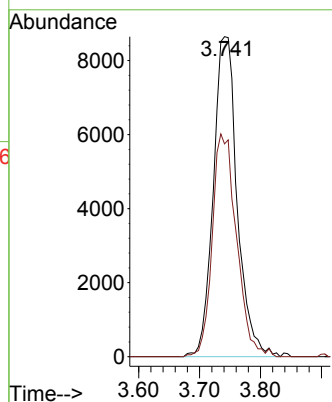
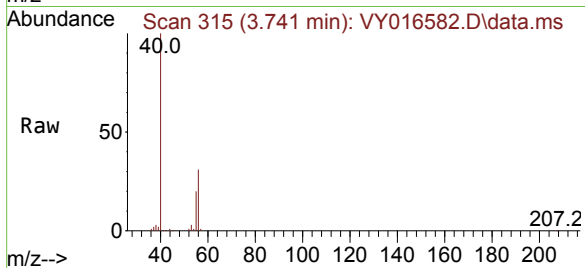
ClientSampleId :

Tgt Ion: 56 Resp: 23587

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



#14

Allyl chloride

Concen: 21.813 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

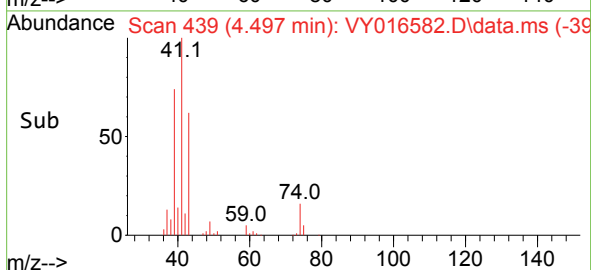
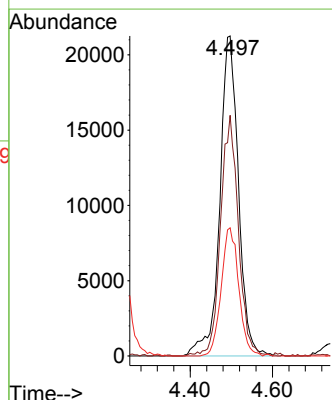
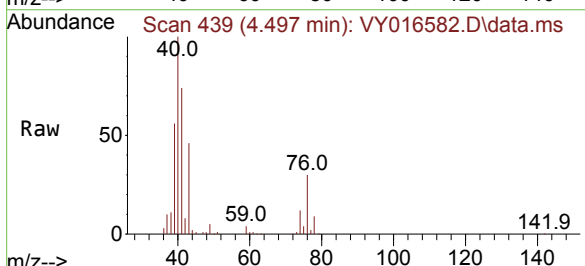
Tgt Ion: 41 Resp: 66902

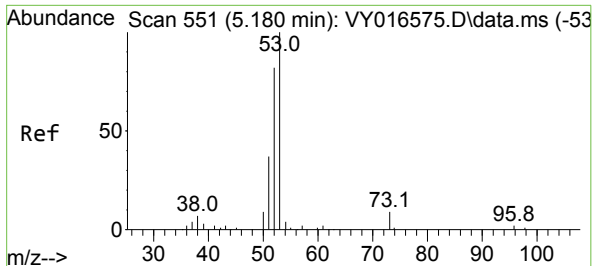
Ion Ratio Lower Upper

41 100

39 71.8 58.0 87.0

76 37.7 27.4 41.2





#15

Acrylonitrile

Concen: 118.472 ug/l

RT: 5.180 min Scan# 51

Delta R.T. -0.000 min

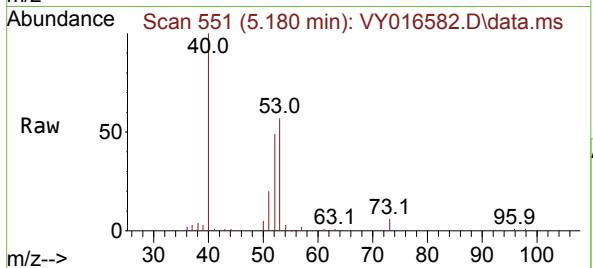
Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :



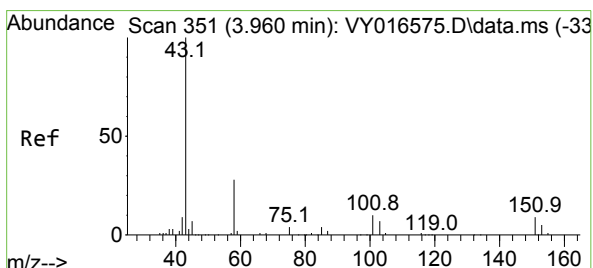
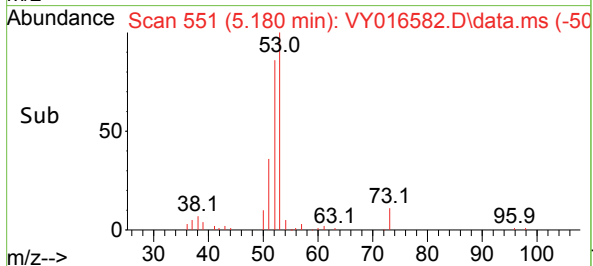
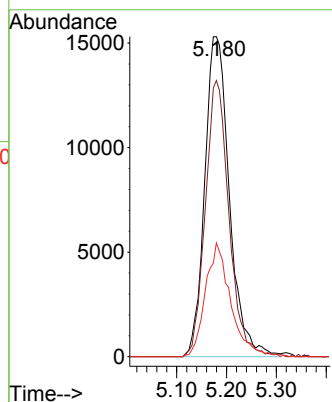
Tgt Ion: 53 Resp: 52686

Ion Ratio Lower Upper

53 100

52 82.7 66.9 100.3

51 36.3 29.8 44.6



#16

Acetone

Concen: 133.632 ug/l

RT: 3.954 min Scan# 350

Delta R.T. -0.006 min

Lab File: VY016582.D

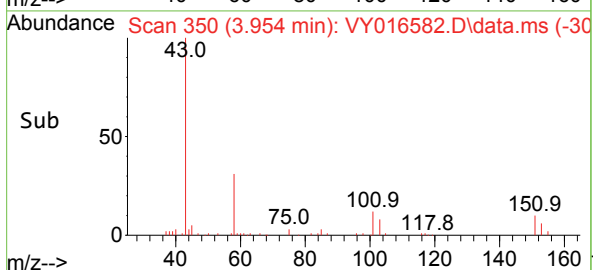
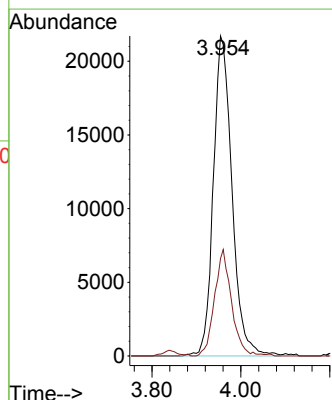
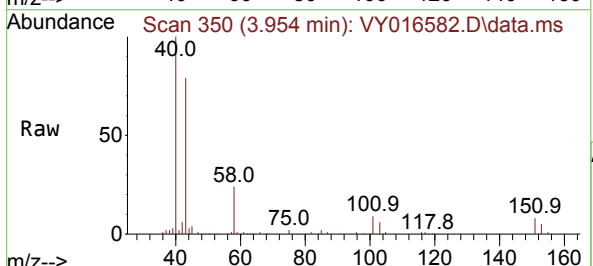
Acq: 04 Dec 2023 17:20

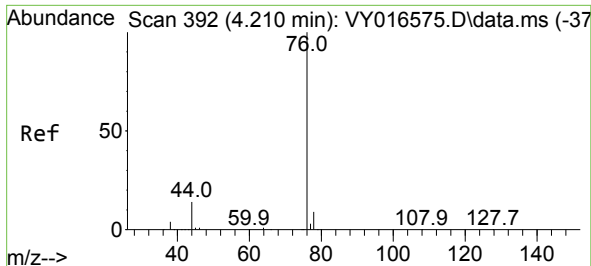
Tgt Ion: 43 Resp: 63206

Ion Ratio Lower Upper

43 100

58 30.5 22.7 34.1

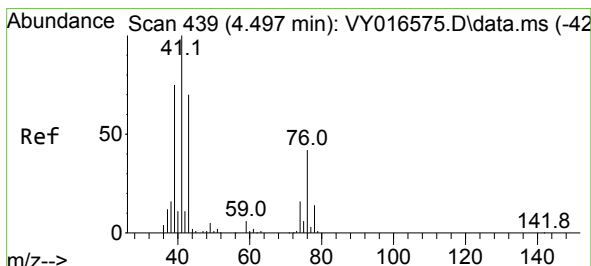
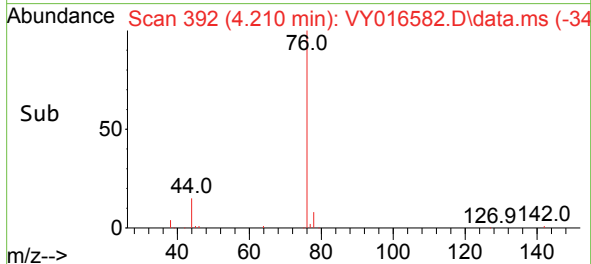
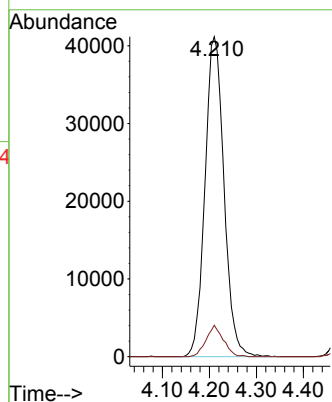
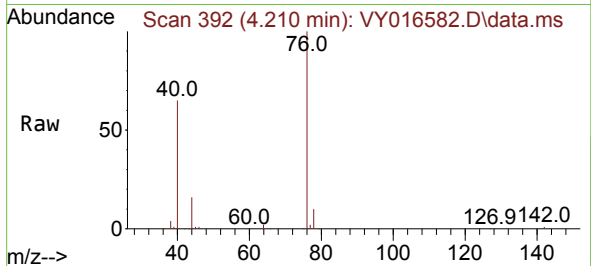




#17
Carbon Disulfide
Concen: 20.502 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

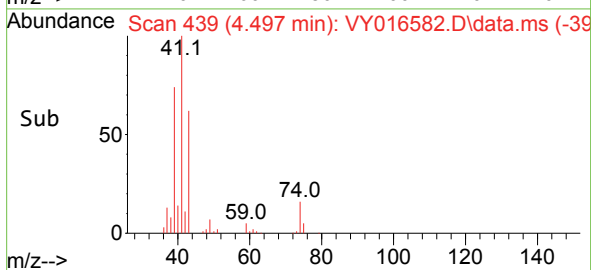
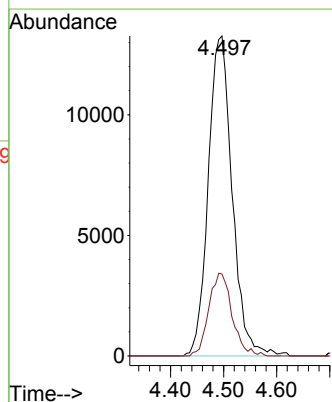
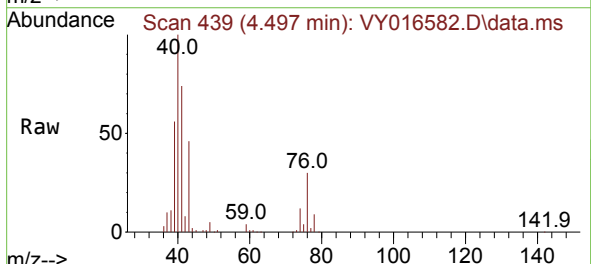
Instrument :
MSVOA_Y
ClientSampleId :

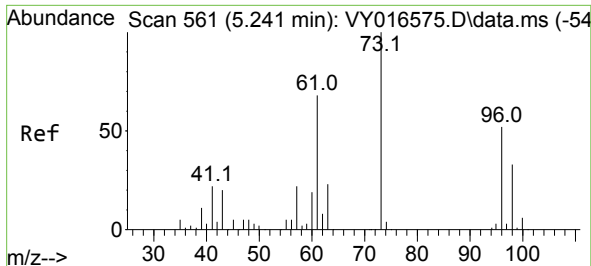
Tgt Ion: 76 Resp: 115519
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#18
Methyl Acetate
Concen: 22.150 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 43 Resp: 41528
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 23.150 ug/l

RT: 5.241 min Scan# 5

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

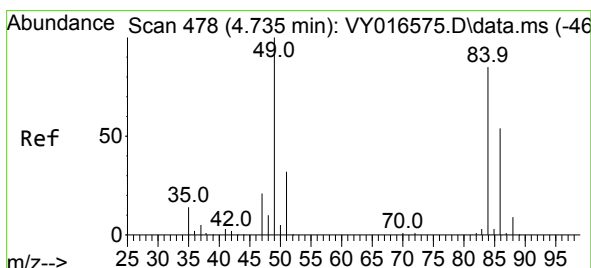
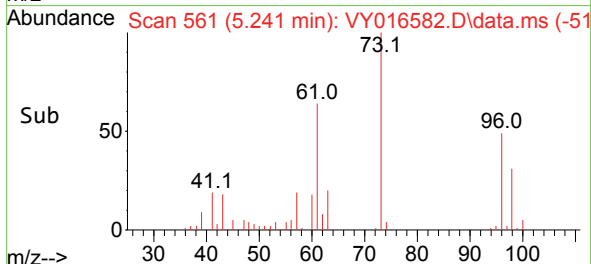
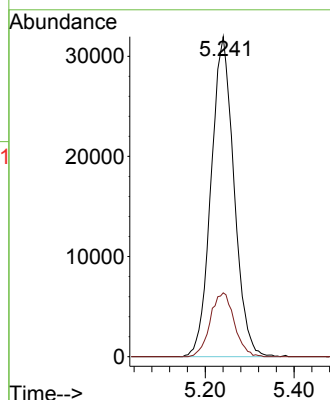
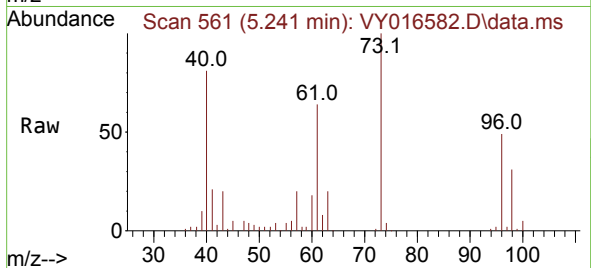
ClientSampleId :

Tgt Ion: 73 Resp: 114369

Ion Ratio Lower Upper

73 100

57 20.0 17.3 25.9



#20

Methylene Chloride

Concen: 22.186 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.007 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Tgt Ion: 84 Resp: 50170

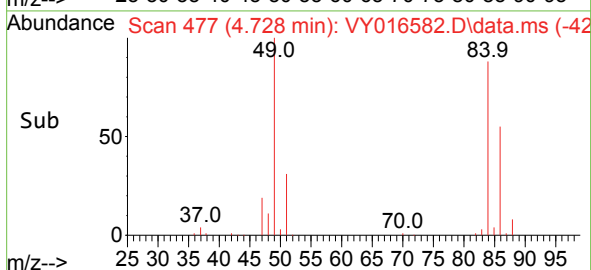
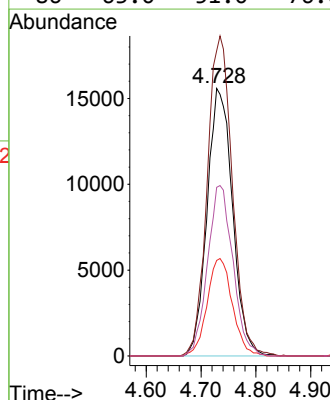
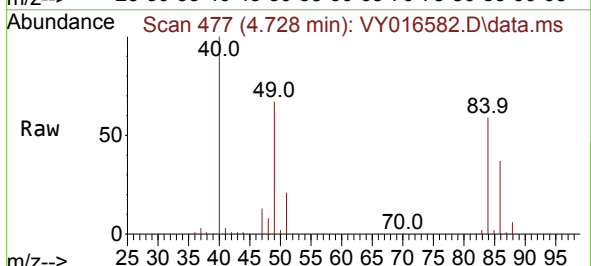
Ion Ratio Lower Upper

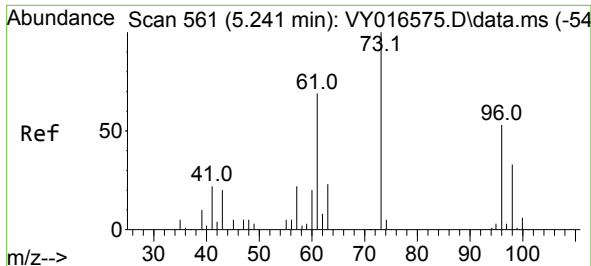
84 100

49 114.1 106.9 160.3

51 35.7 33.2 49.8

86 63.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 21.324 ug/l

RT: 5.241 min Scan# 561

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

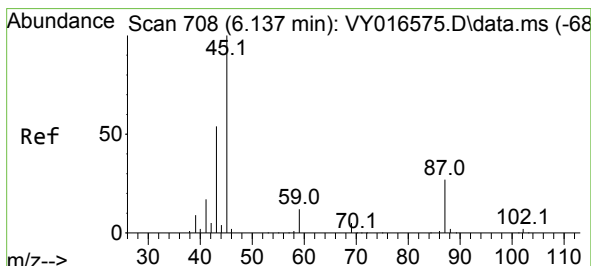
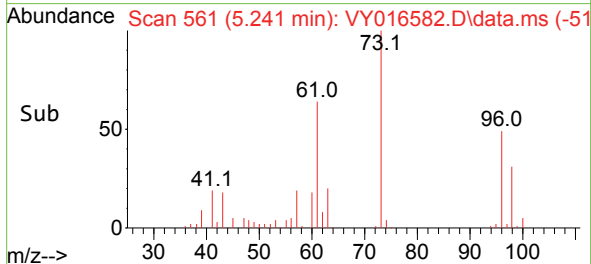
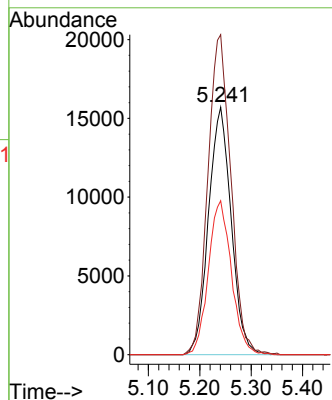
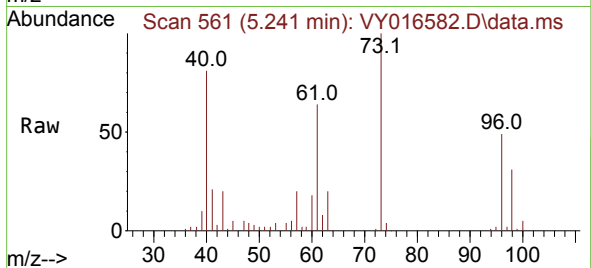
Tgt Ion: 96 Resp: 48192

Ion Ratio Lower Upper

96 100

61 129.3 110.2 165.4

98 62.2 51.8 77.6



#22

Diisopropyl ether

Concen: 22.431 ug/l

RT: 6.137 min Scan# 708

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Tgt Ion: 45 Resp: 141494

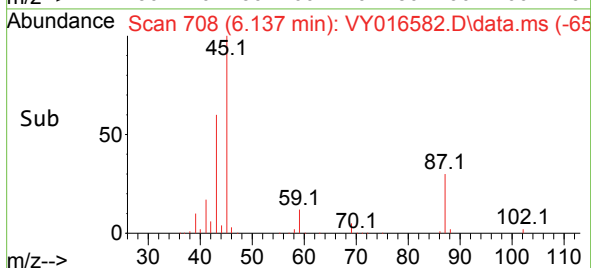
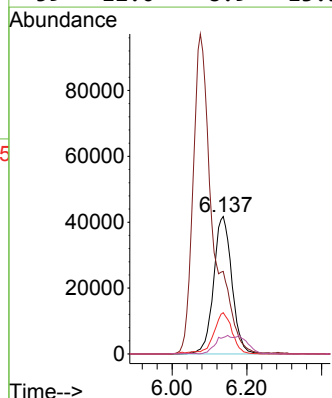
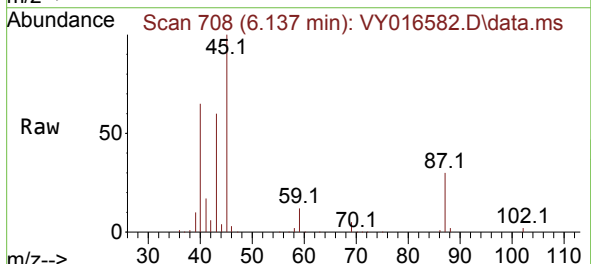
Ion Ratio Lower Upper

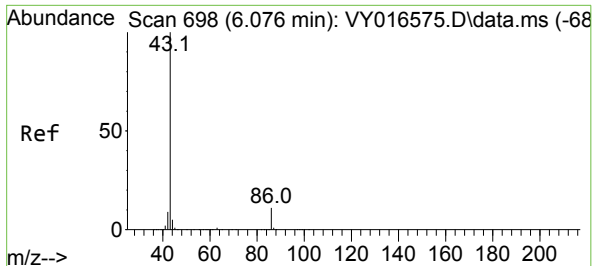
45 100

43 59.3 52.2 78.4

87 30.0 21.0 31.6

59 12.0 8.9 13.3

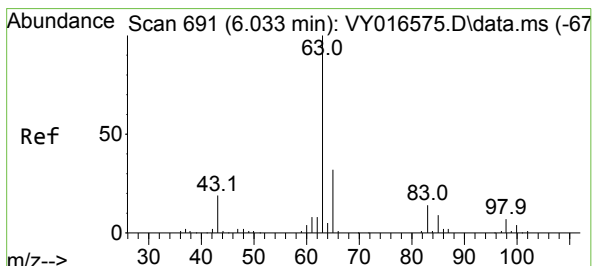
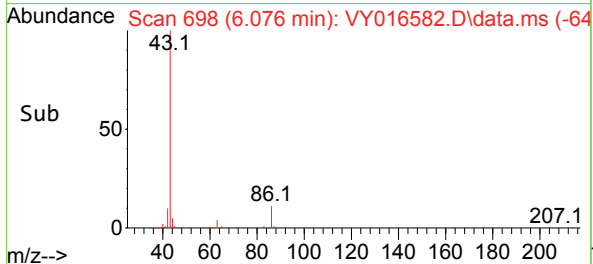
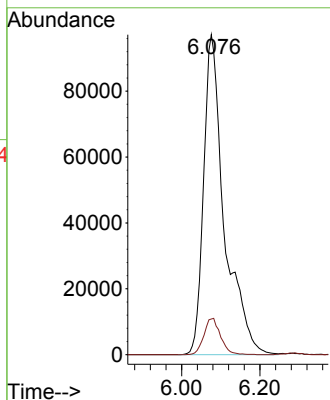
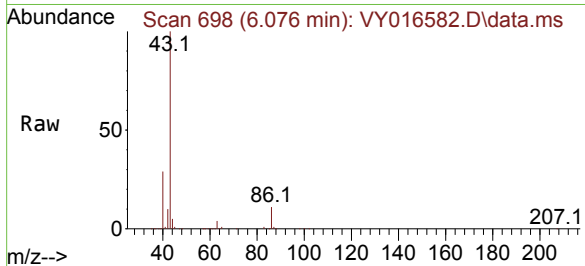




#23
 Vinyl Acetate
 Concen: 117.653 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016582.D
 Acq: 04 Dec 2023 17:20

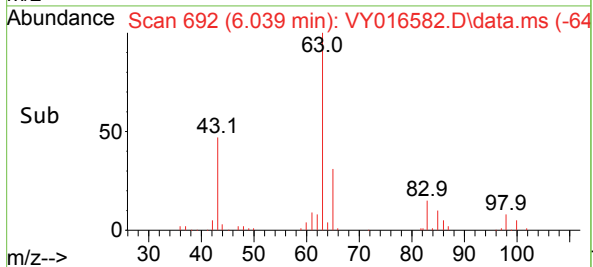
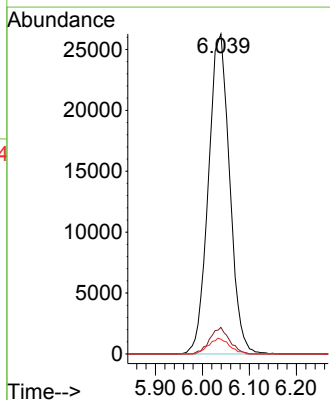
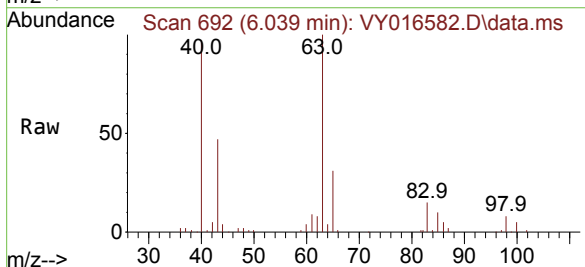
Instrument :
 MSVOA_Y
 ClientSampleId :

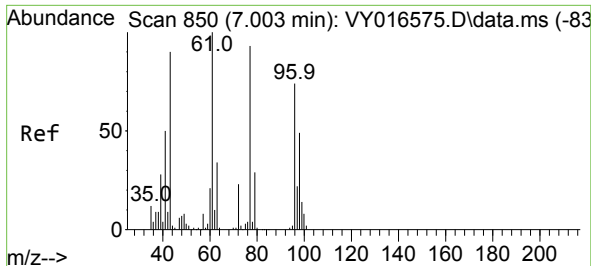
Tgt Ion: 43 Resp: 356270
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 21.282 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016582.D
 Acq: 04 Dec 2023 17:20

Tgt Ion: 63 Resp: 82473
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.1 9.4
 100 4.6 1.8 5.5

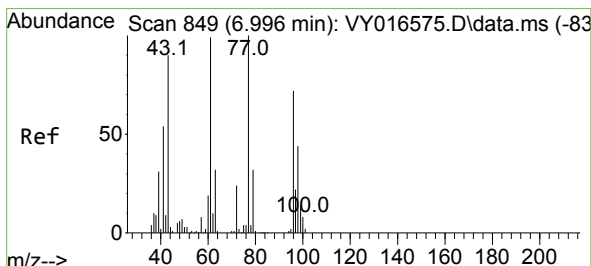
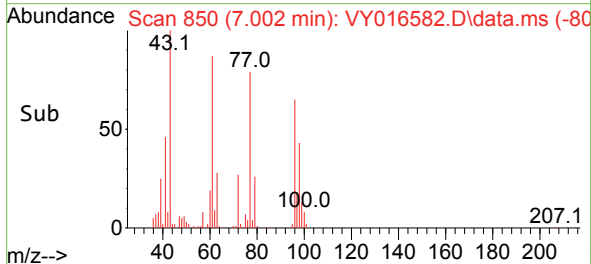
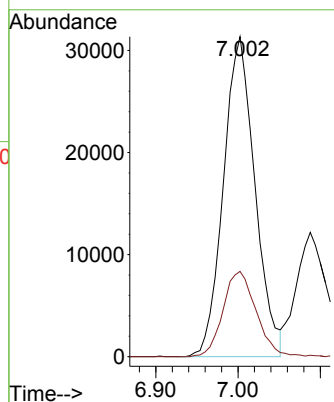
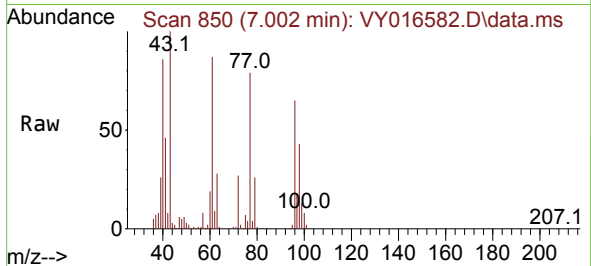




#25
2-Butanone
Concen: 128.449 ug/l
RT: 7.002 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

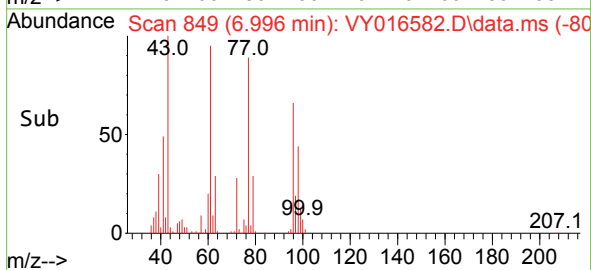
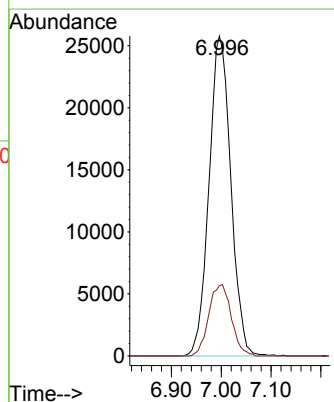
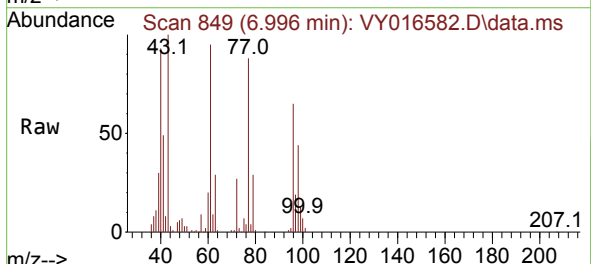
Instrument :
MSVOA_Y
ClientSampleId :

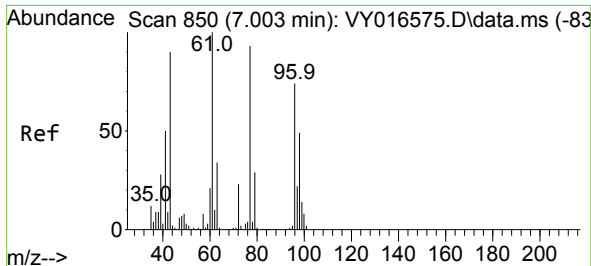
Tgt Ion: 43 Resp: 83542
Ion Ratio Lower Upper
43 100
72 26.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.498 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 77 Resp: 78320
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.876 ug/l

RT: 7.002 min Scan# 81

Delta R.T. -0.000 min

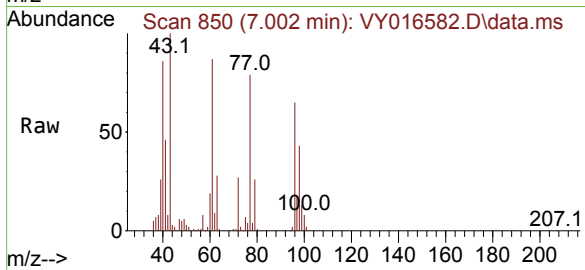
Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :



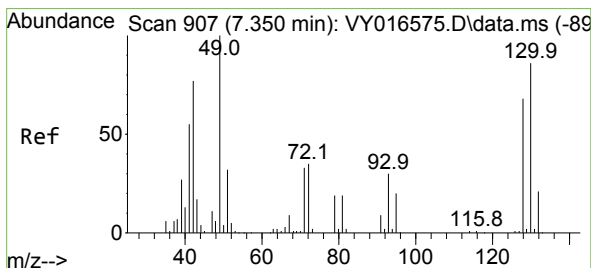
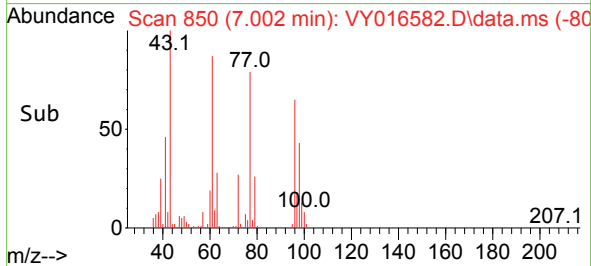
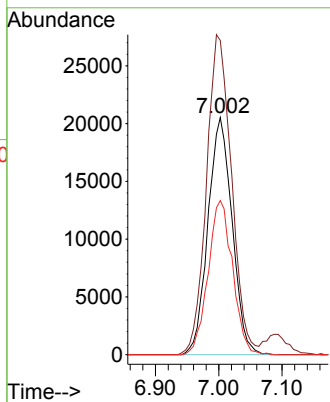
Tgt Ion: 96 Resp: 54422

Ion Ratio Lower Upper

96 100

61 139.9 0.0 301.4

98 65.8 0.0 130.4



#28

Bromochloromethane

Concen: 21.219 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

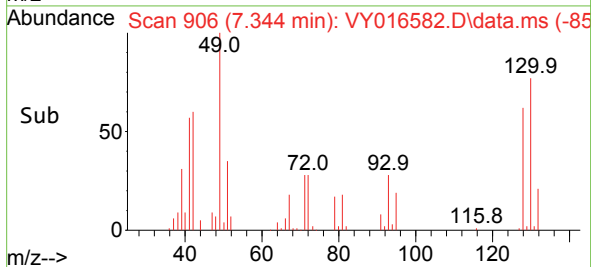
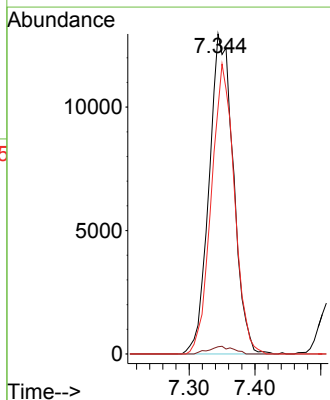
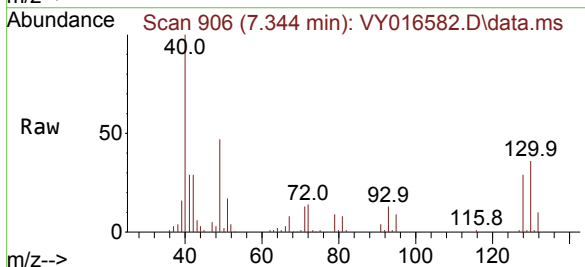
Tgt Ion: 49 Resp: 33307

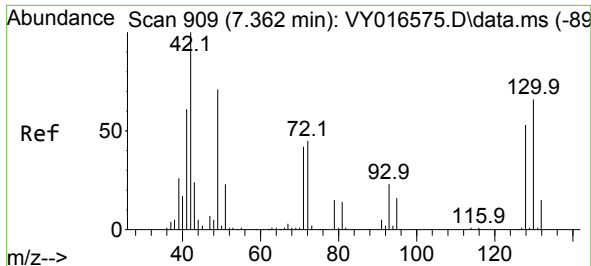
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 86.1 60.7 91.1

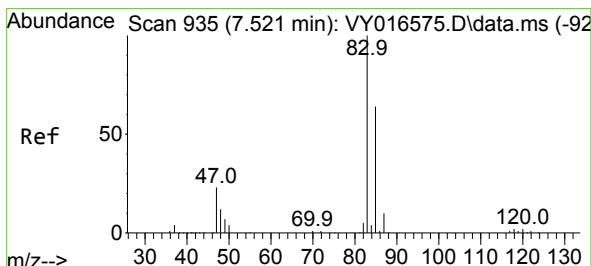
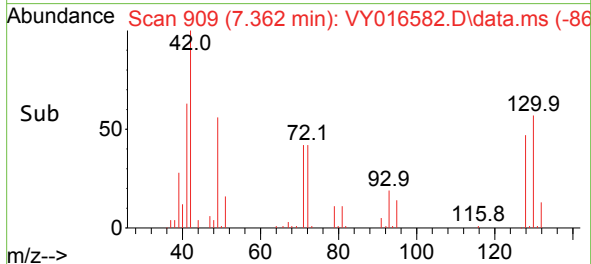
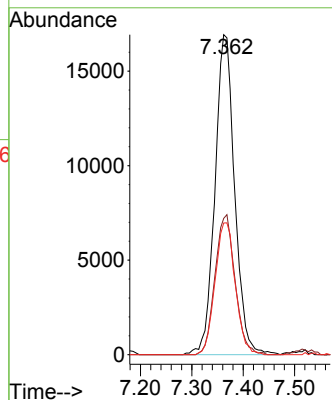
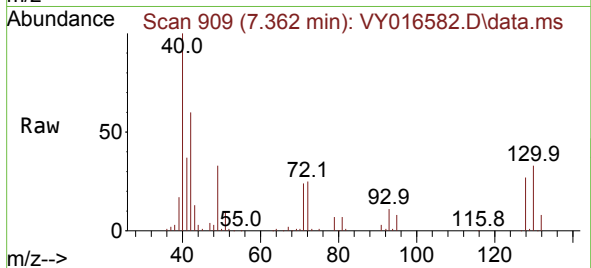




#29
Tetrahydrofuran
Concen: 121.687 ug/l
RT: 7.362 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

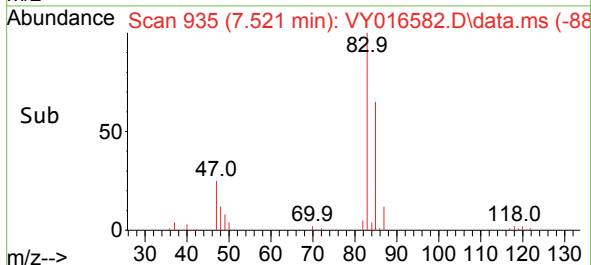
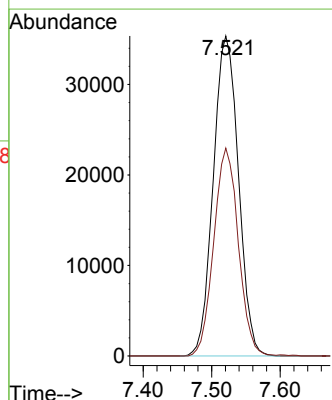
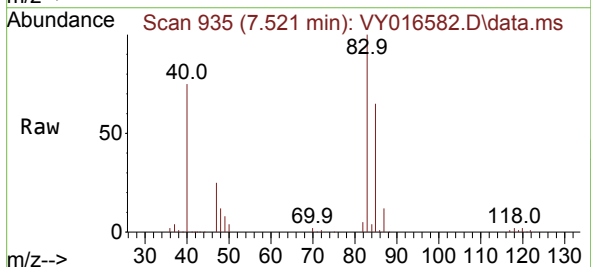
Instrument :
MSVOA_Y
ClientSampleId :

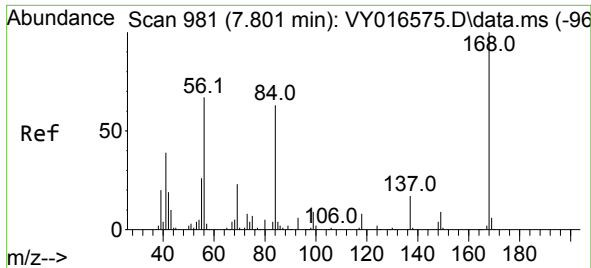
Tgt Ion: 42 Resp: 45123
Ion Ratio Lower Upper
42 100
72 44.4 32.8 49.2
71 42.3 31.0 46.4



#30
Chloroform
Concen: 21.831 ug/l
RT: 7.521 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 83 Resp: 90183
Ion Ratio Lower Upper
83 100
85 64.9 49.7 74.5

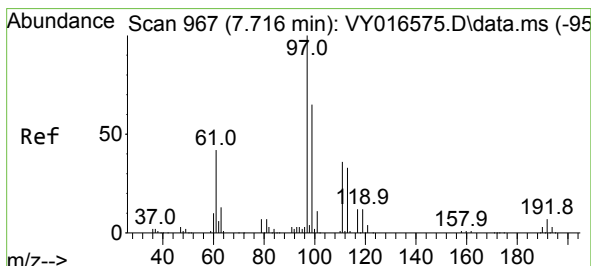
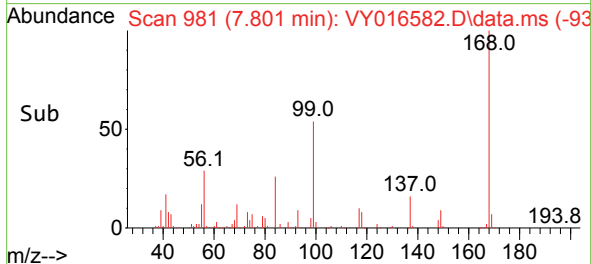
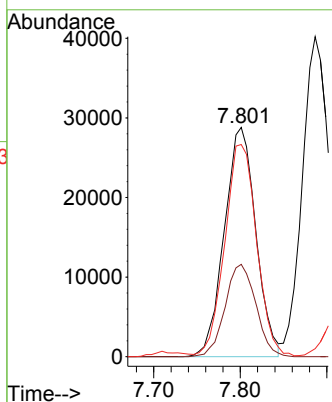
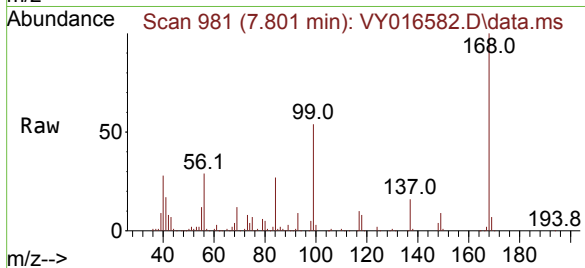




#31
Cyclohexane
Concen: 20.398 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

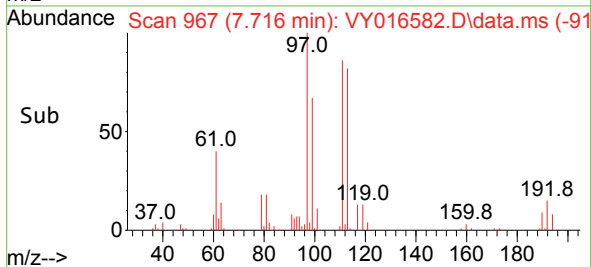
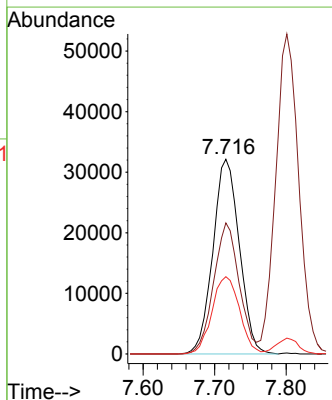
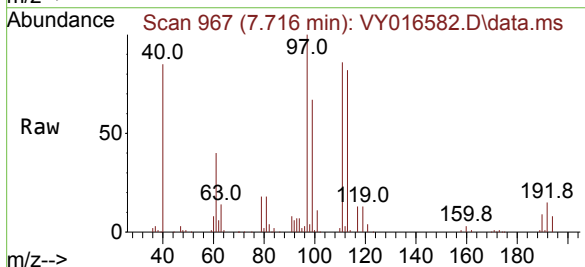
Instrument :
MSVOA_Y
ClientSampleId :

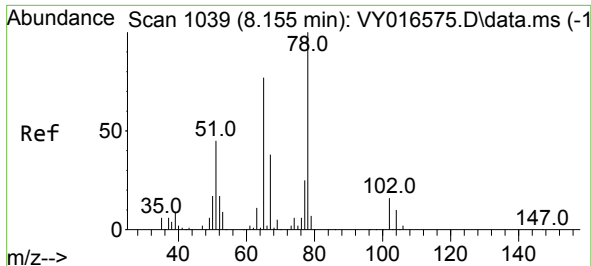
Tgt Ion: 56 Resp: 72785
Ion Ratio Lower Upper
56 100
69 40.3 27.8 41.6
84 90.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.110 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 97 Resp: 82526
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 41.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.122 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

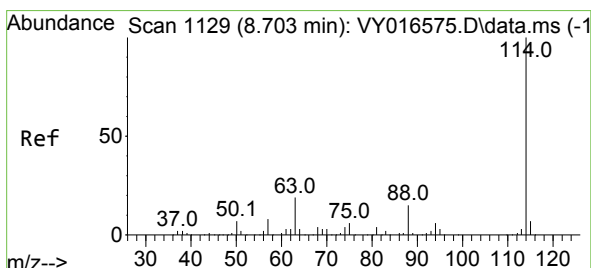
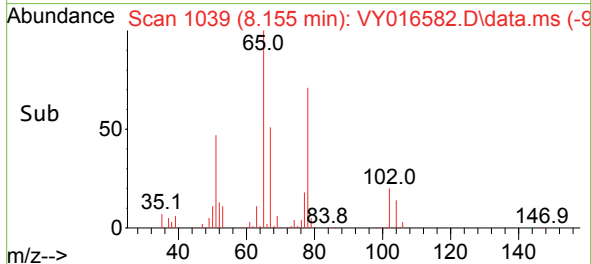
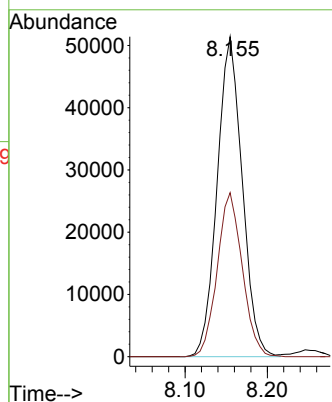
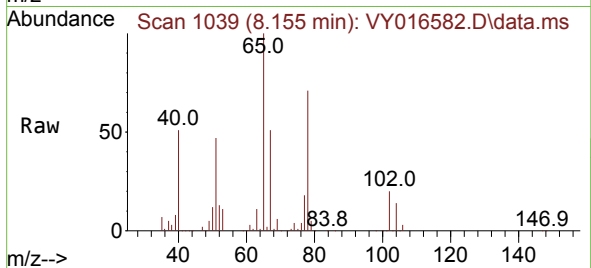
ClientSampleId :

Tgt Ion: 65 Resp: 108945

Ion Ratio Lower Upper

65 100

67 51.1 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: VY016582.D

Acq: 04 Dec 2023 17:20

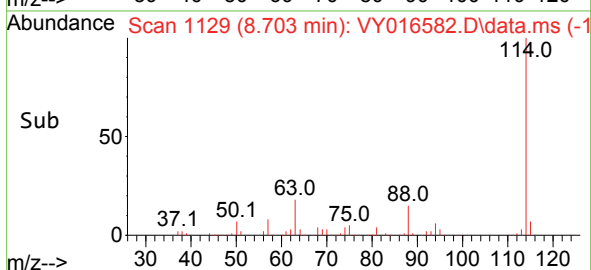
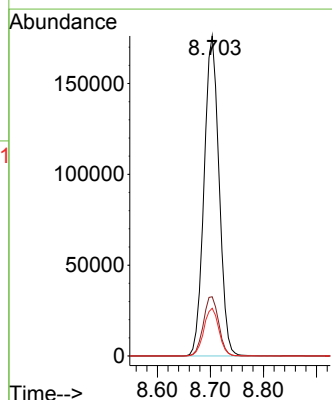
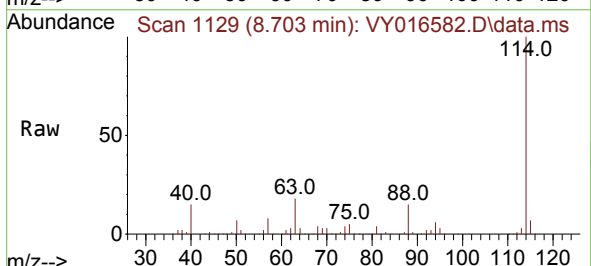
Tgt Ion: 114 Resp: 345889

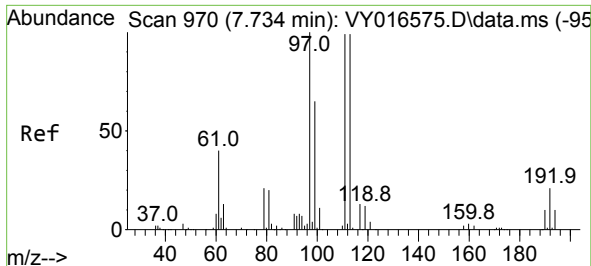
Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

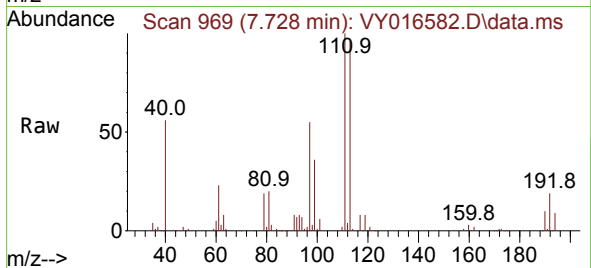
88 14.9 0.0 30.6



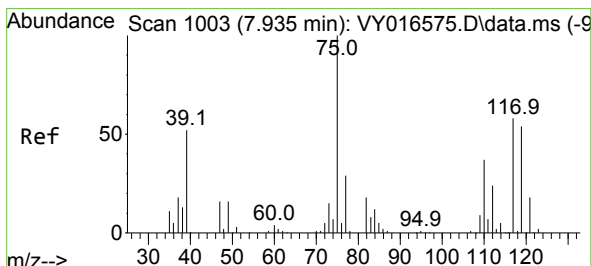
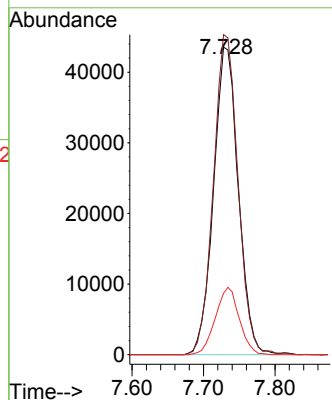
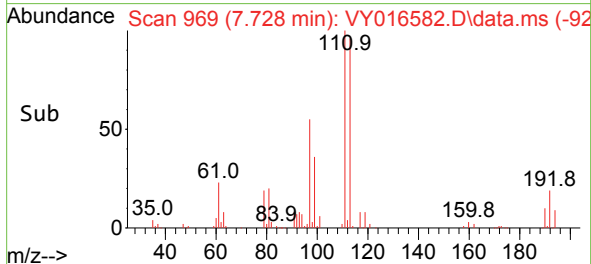


#35
Dibromofluoromethane
Concen: 50.386 ug/l
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

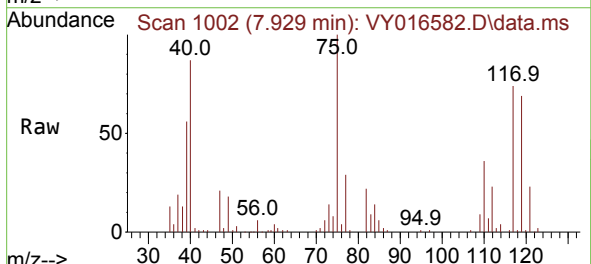
Instrument :
MSVOA_Y
ClientSampleId :



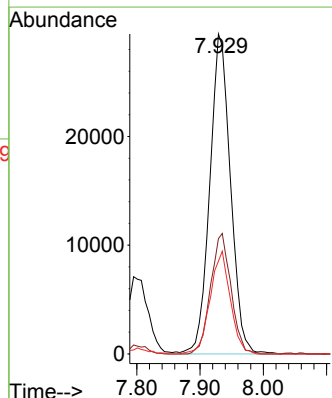
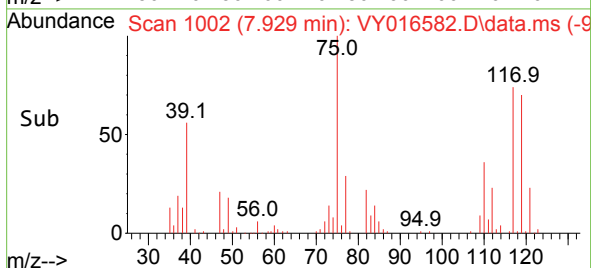
Tgt Ion:113 Resp: 104881
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 21.1 16.9 25.3

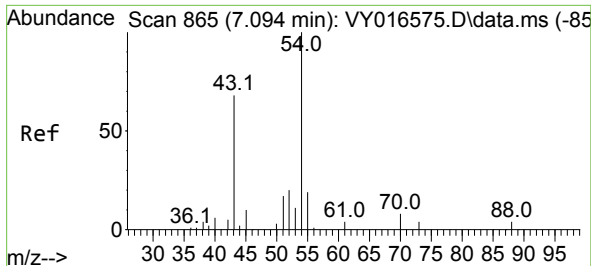


#36
1,1-Dichloropropene
Concen: 21.152 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20



Tgt Ion: 75 Resp: 66928
Ion Ratio Lower Upper
75 100
110 37.1 17.8 53.5
77 31.3 24.4 36.6

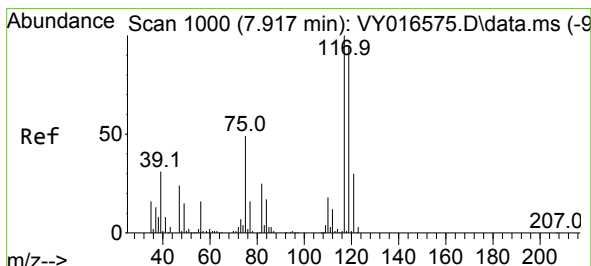
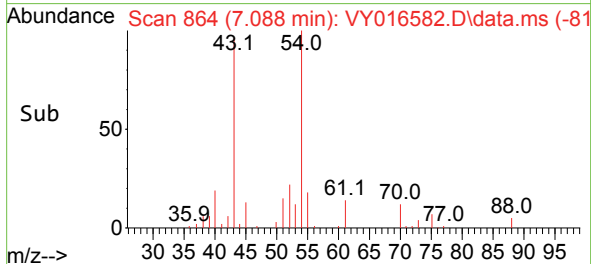
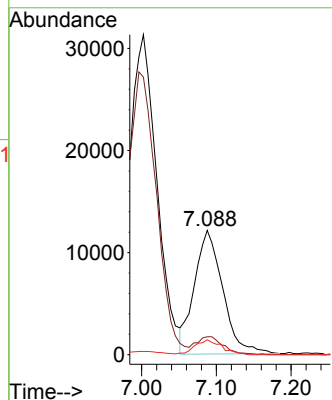
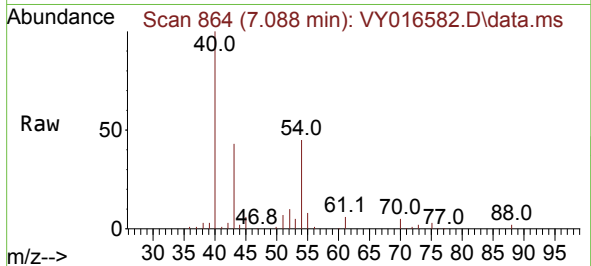




#37
Ethyl Acetate
Concen: 24.123 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.006 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

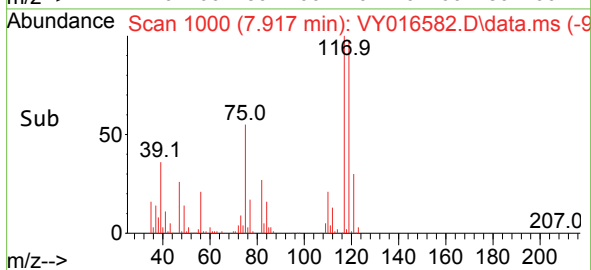
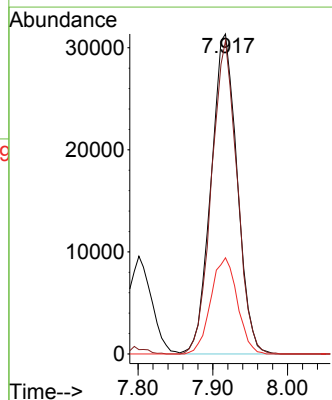
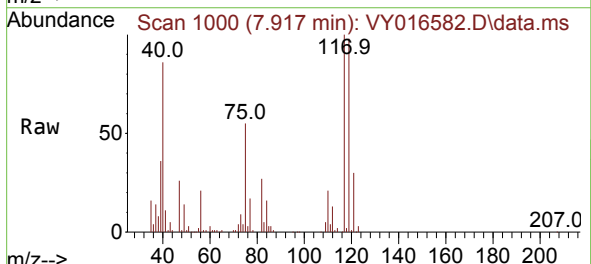
Instrument :
MSVOA_Y
ClientSampleId :

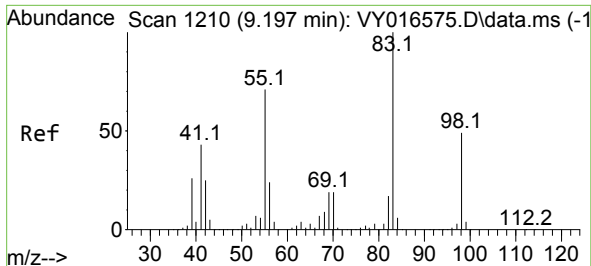
Tgt Ion: 43 Resp: 31940
Ion Ratio Lower Upper
43 100
61 13.8 10.1 15.1
70 11.3 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.821 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 117 Resp: 76268
Ion Ratio Lower Upper
117 100
119 97.8 76.4 114.6
121 30.0 25.8 38.6





#39

Methylcyclohexane

Concen: 20.366 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

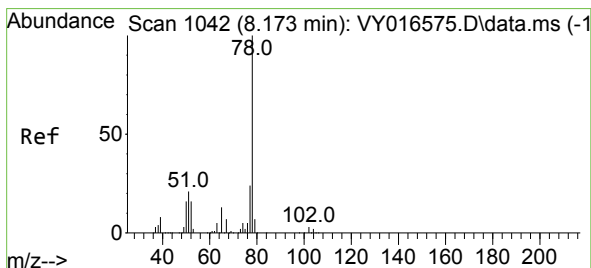
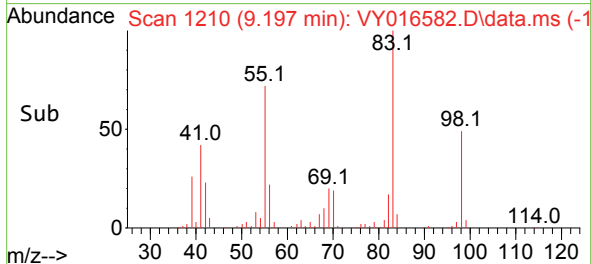
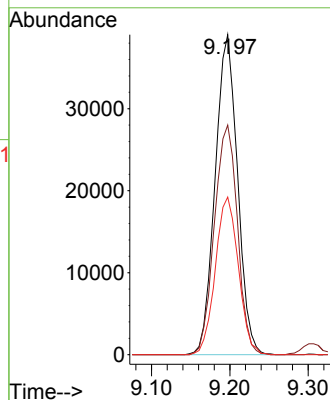
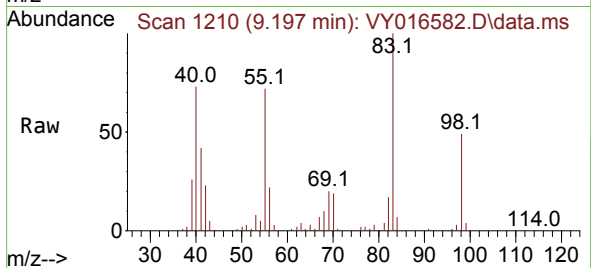
Tgt Ion: 83 Resp: 77642

Ion Ratio Lower Upper

83 100

55 71.8 63.0 94.4

98 49.3 37.4 56.2



#40

Benzene

Concen: 21.280 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016582.D

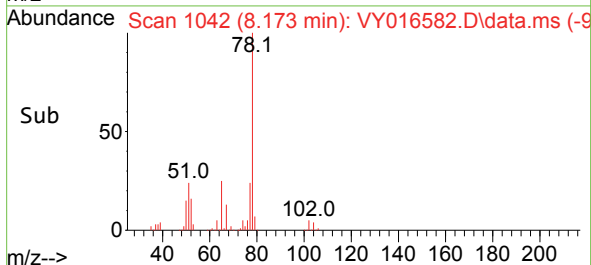
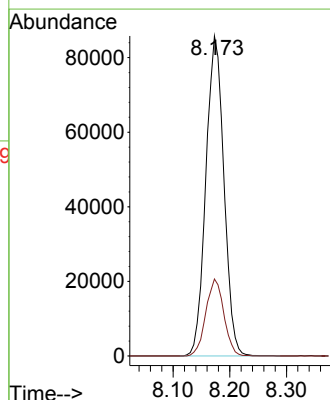
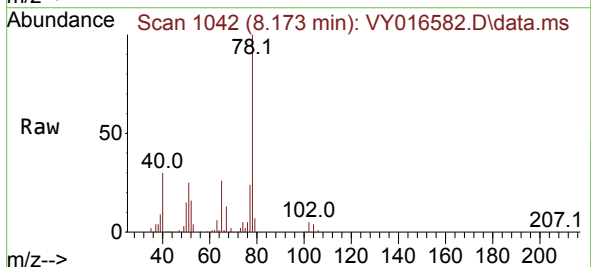
Acq: 04 Dec 2023 17:20

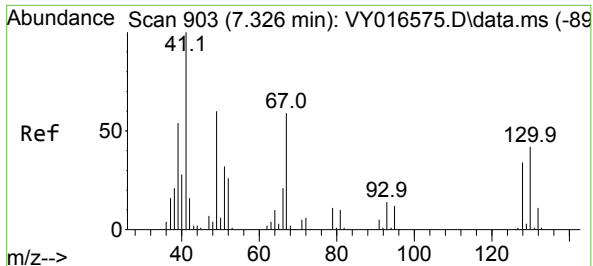
Tgt Ion: 78 Resp: 189789

Ion Ratio Lower Upper

78 100

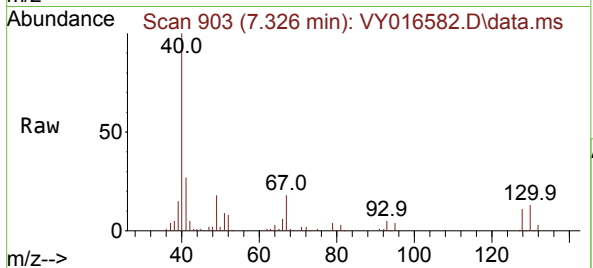
77 24.0 19.0 28.6



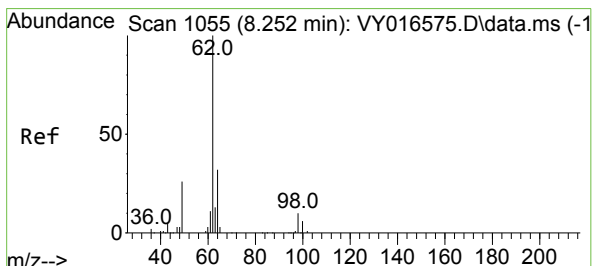
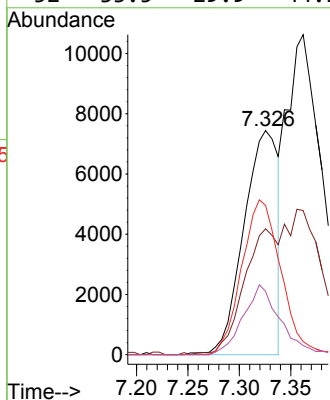
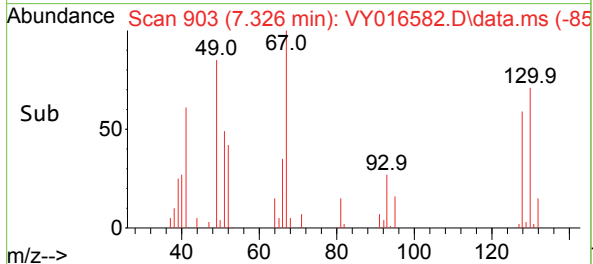


#41
Methacrylonitrile
Concen: 22.623 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Instrument :
MSVOA_Y
ClientSampleId :

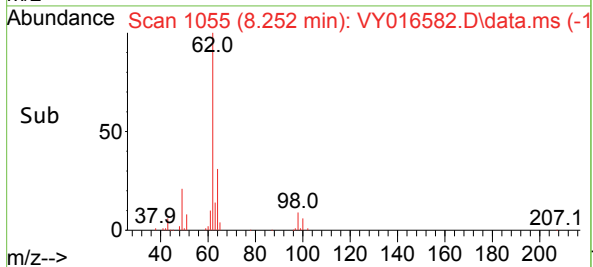
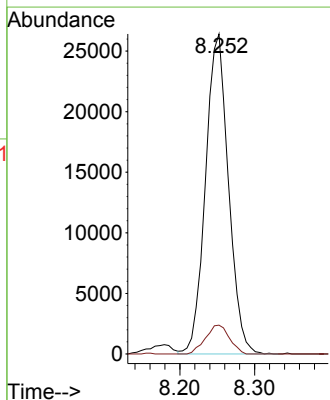
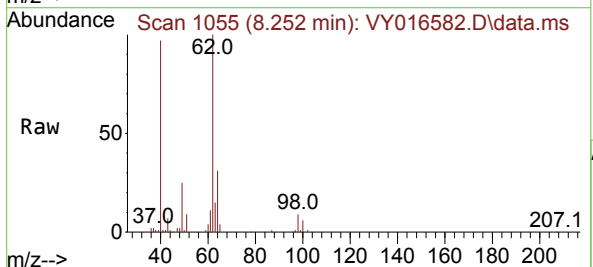


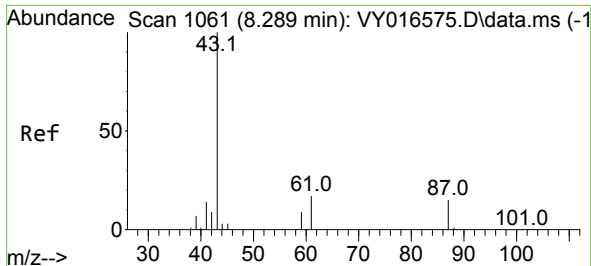
Tgt Ion:	41	Resp:	17300
Ion	Ratio	Lower	Upper
41	100		
39	55.9	52.1	78.1
67	79.3	66.2	99.2
52	33.5	29.9	44.9



#42
1,2-Dichloroethane
Concen: 21.797 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion:	62	Resp:	56447
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	15.8

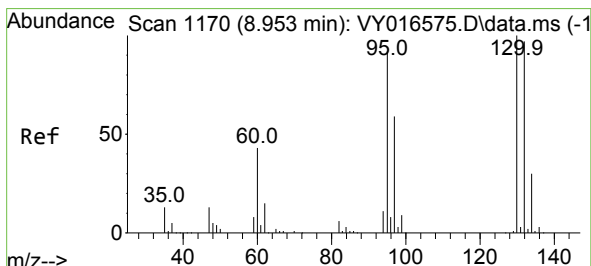
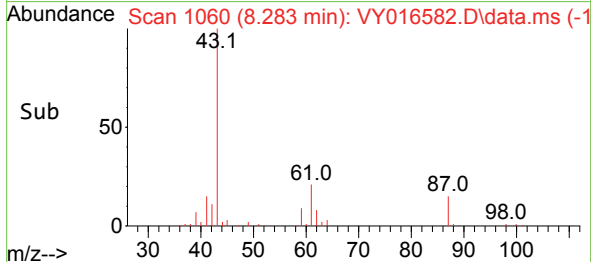
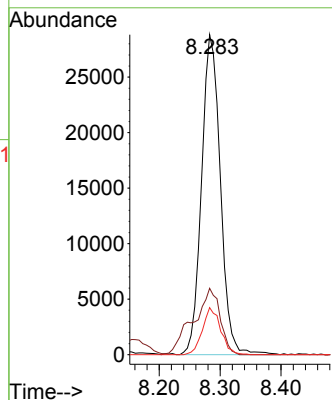
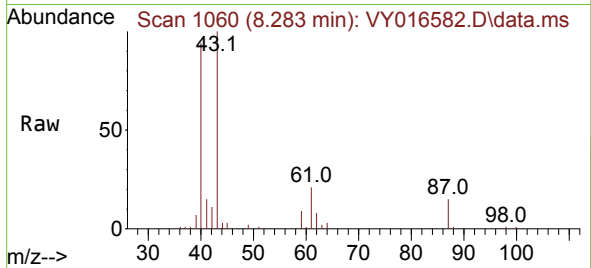




#43
Isopropyl Acetate
Concen: 24.273 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

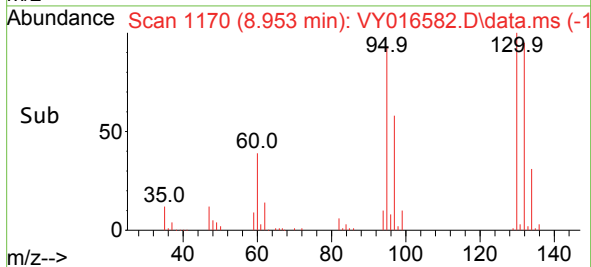
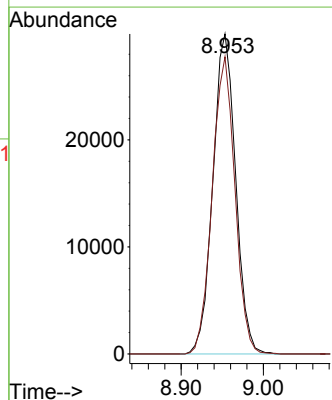
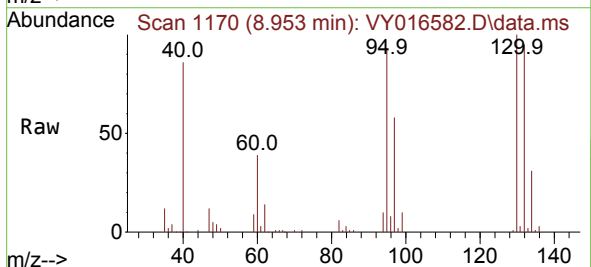
Instrument :
MSVOA_Y
ClientSampleId :

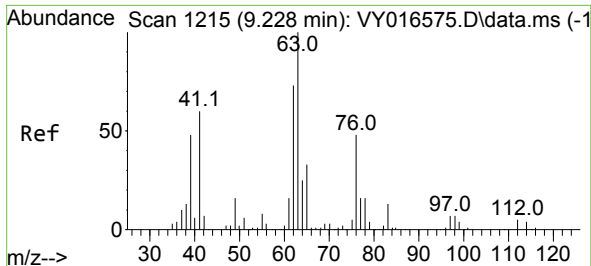
Tgt Ion: 43 Resp: 61999
Ion Ratio Lower Upper
43 100
61 29.4 21.1 31.7
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 21.363 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion:130 Resp: 57459
Ion Ratio Lower Upper
130 100
95 92.8 0.0 196.0

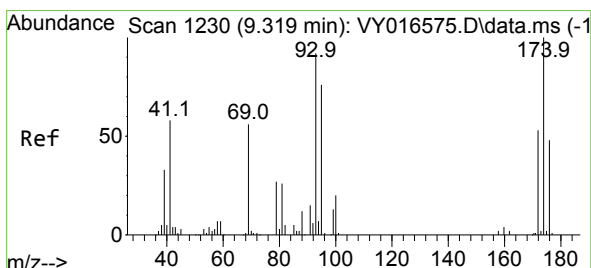
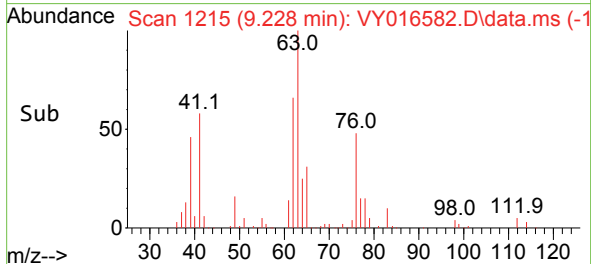
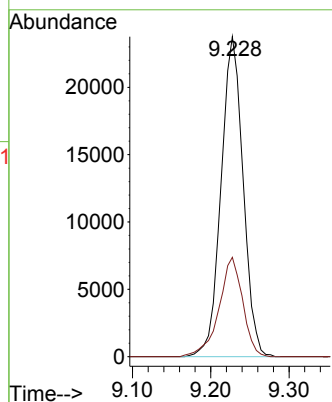
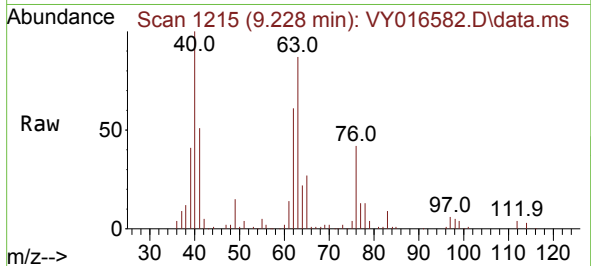




#45
1,2-Dichloropropane
Concen: 21.649 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

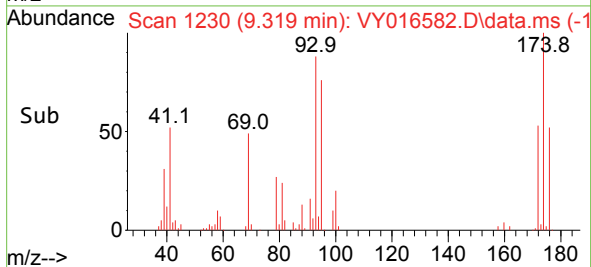
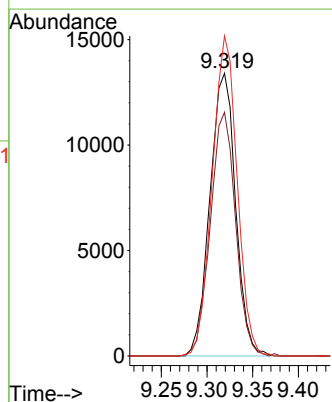
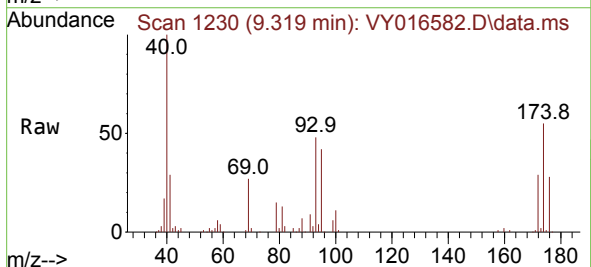
Instrument :
MSVOA_Y
ClientSampleId :

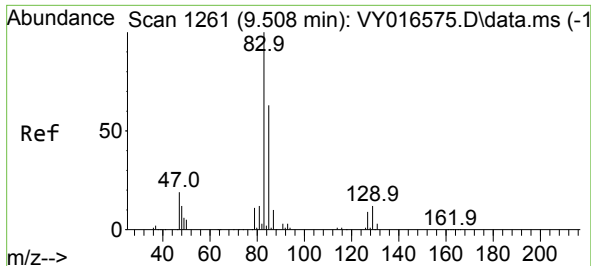
Tgt Ion: 63 Resp: 46486
Ion Ratio Lower Upper
63 100
65 31.0 23.8 35.6



#46
Dibromomethane
Concen: 22.243 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 93 Resp: 26183
Ion Ratio Lower Upper
93 100
95 84.8 66.6 100.0
174 110.2 84.8 127.2

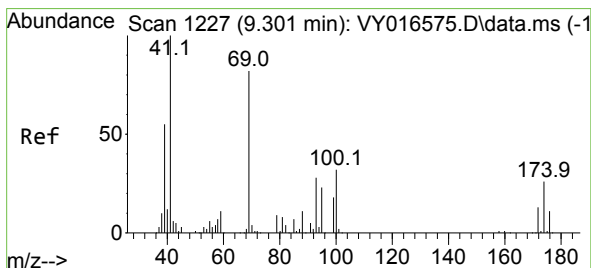
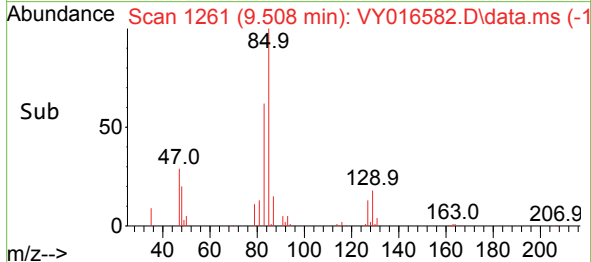
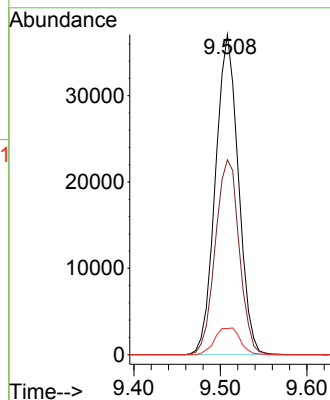
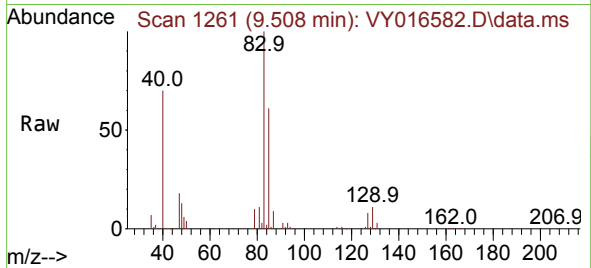




#47
Bromodichloromethane
Concen: 21.757 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

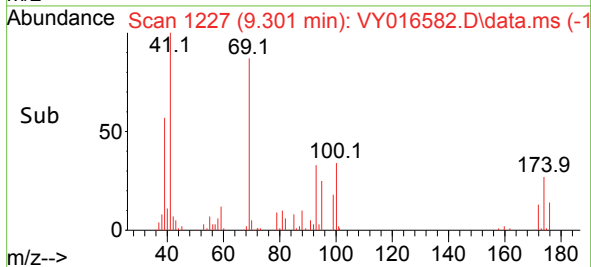
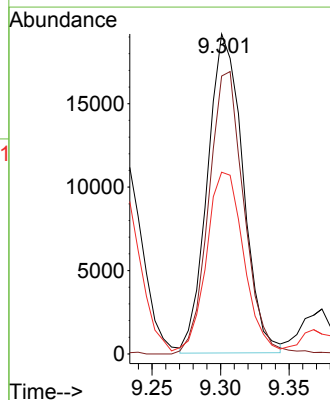
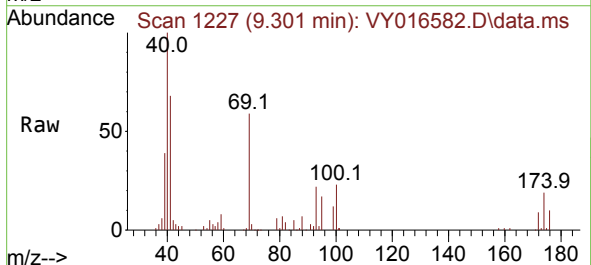
Instrument :
MSVOA_Y
ClientSampleId :

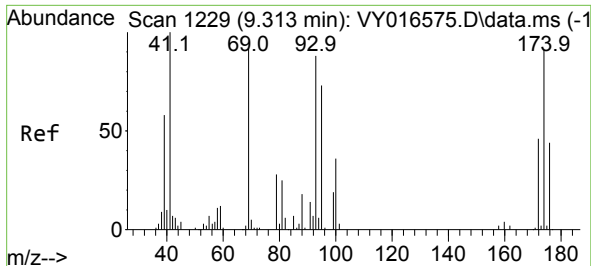
Tgt Ion: 83 Resp: 68183
Ion Ratio Lower Upper
83 100
85 60.9 50.1 75.1
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 23.379 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 41 Resp: 34487
Ion Ratio Lower Upper
41 100
69 87.9 64.5 96.7
39 57.9 50.8 76.2

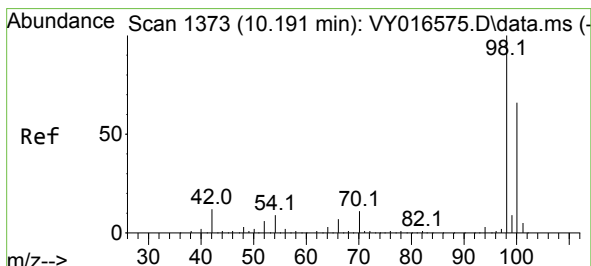
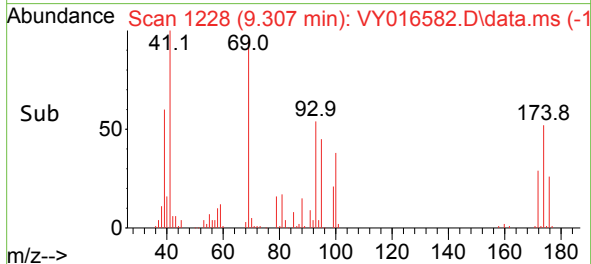
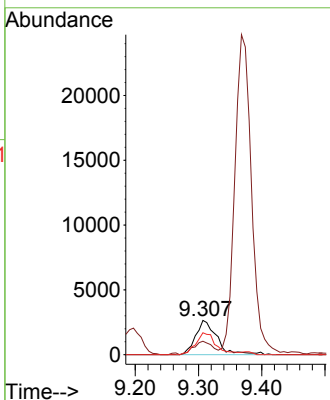
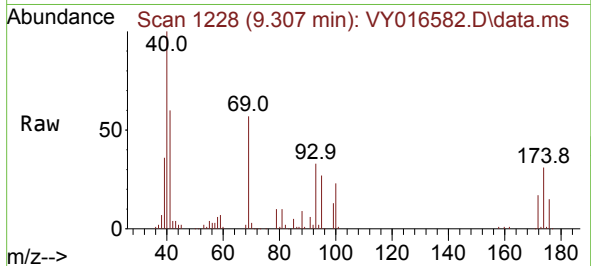




#49
1,4-Dioxane
Concen: 523.057 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

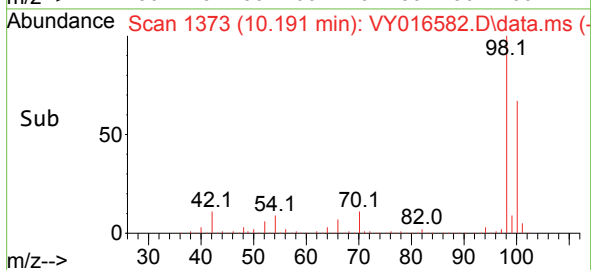
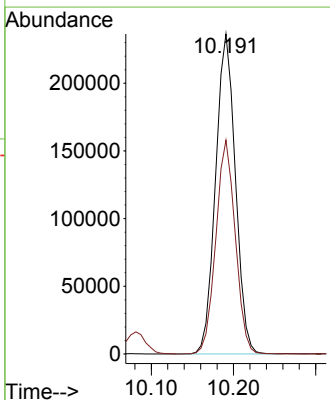
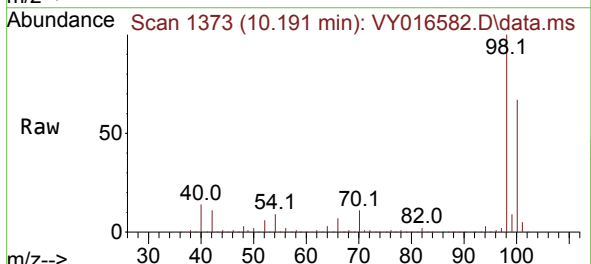
Instrument :
MSVOA_Y
ClientSampleId :

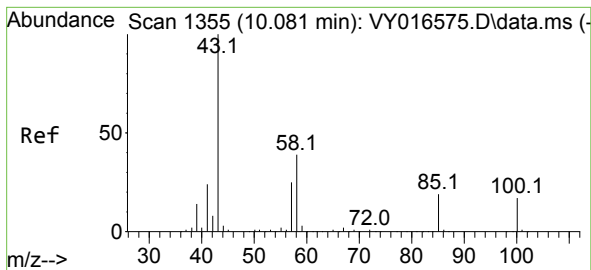
Tgt Ion: 88 Resp: 6232
Ion Ratio Lower Upper
88 100
43 34.7 0.0 0.0#
58 60.1 30.9 46.3#



#50
Toluene-d8
Concen: 50.256 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 98 Resp: 395700
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

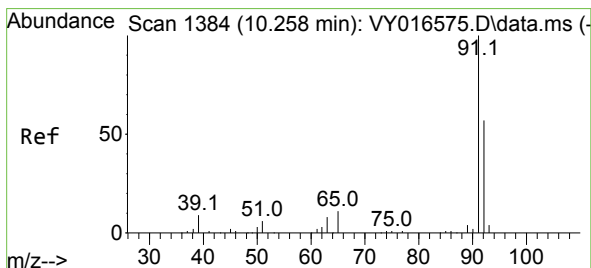
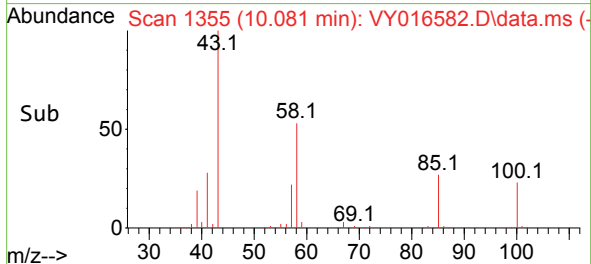
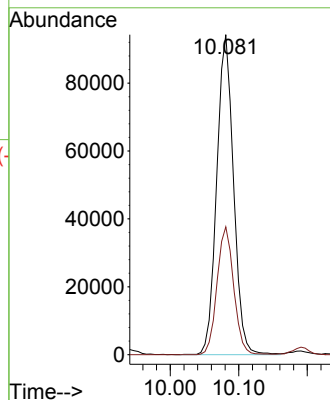
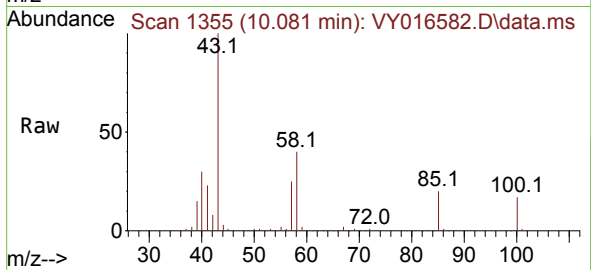




#51
4-Methyl-2-Pentanone
Concen: 120.687 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

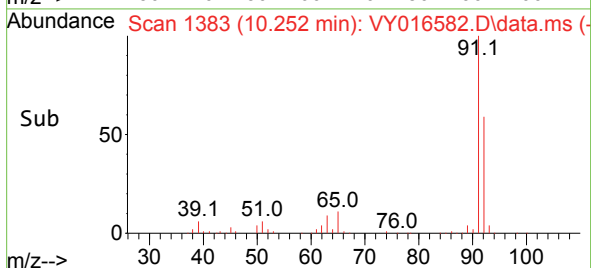
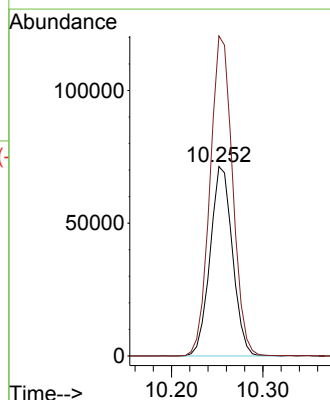
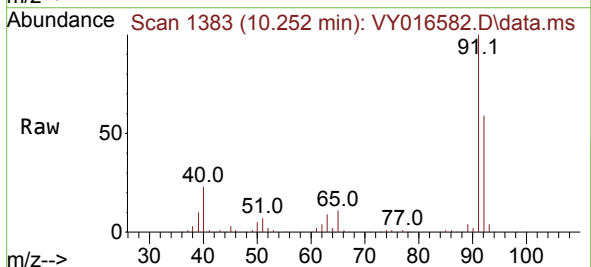
Instrument :
MSVOA_Y
ClientSampleId :

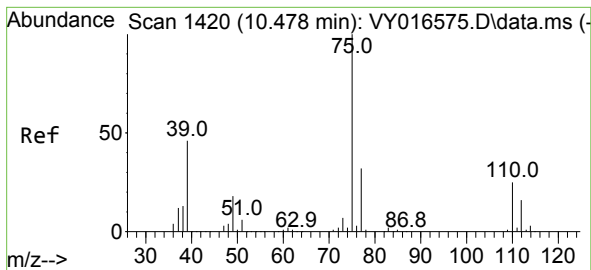
Tgt Ion: 43 Resp: 160198
Ion Ratio Lower Upper
43 100
58 39.6 29.0 43.6



#52
Toluene
Concen: 21.664 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 92 Resp: 121099
Ion Ratio Lower Upper
92 100
91 170.9 143.8 215.6

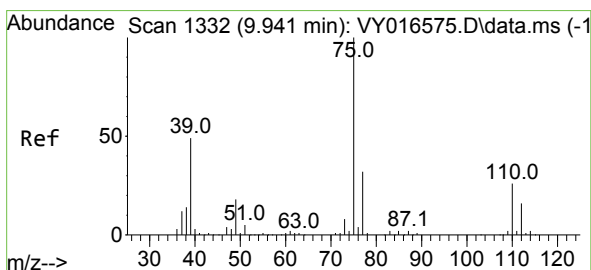
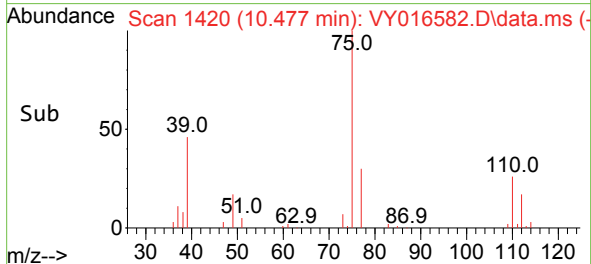
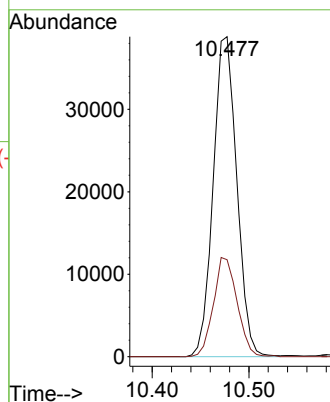
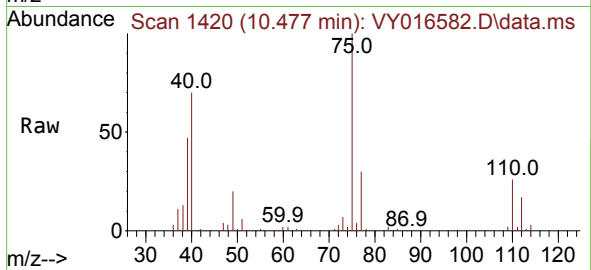




#53
t-1,3-Dichloropropene
Concen: 22.205 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

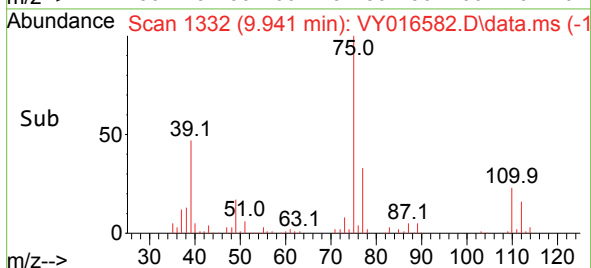
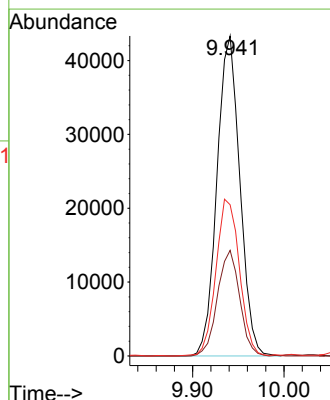
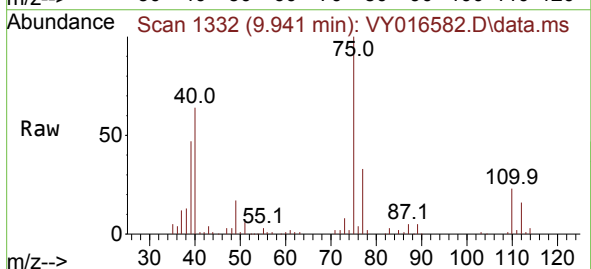
Instrument :
MSVOA_Y
ClientSampleId :

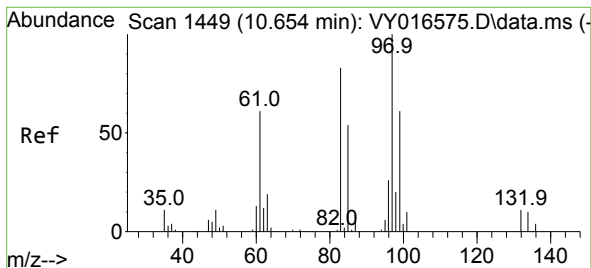
Tgt Ion: 75 Resp: 65671
Ion Ratio Lower Upper
75 100
77 30.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 21.702 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

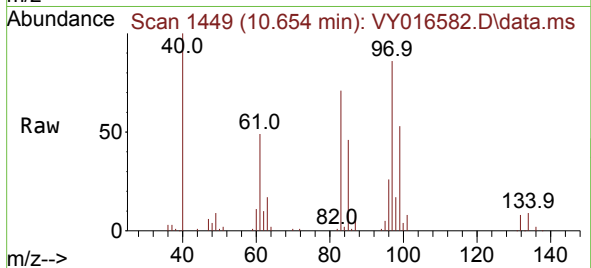
Tgt Ion: 75 Resp: 75382
Ion Ratio Lower Upper
75 100
77 33.0 24.2 36.4
39 47.1 42.2 63.4



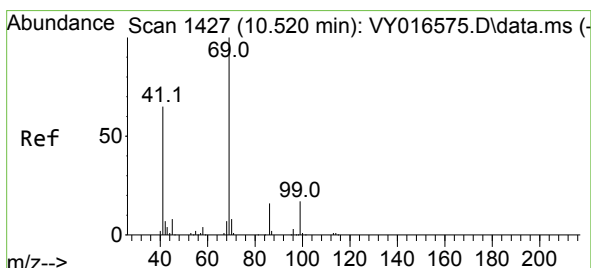
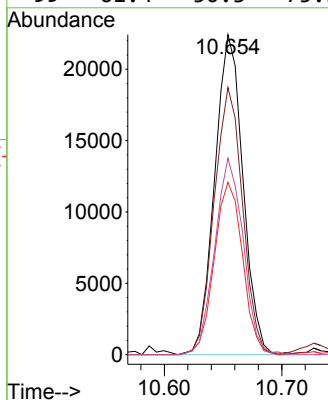
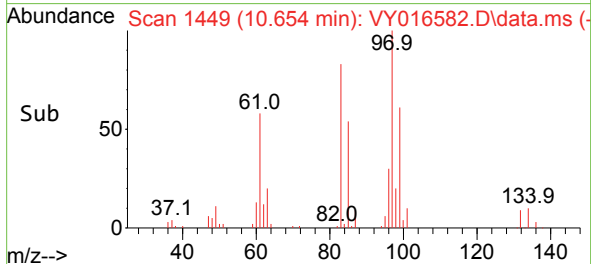


#55
1,1,2-Trichloroethane
Concen: 22.826 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Instrument :
MSVOA_Y
ClientSampleId :

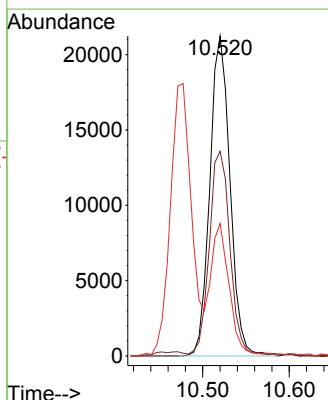
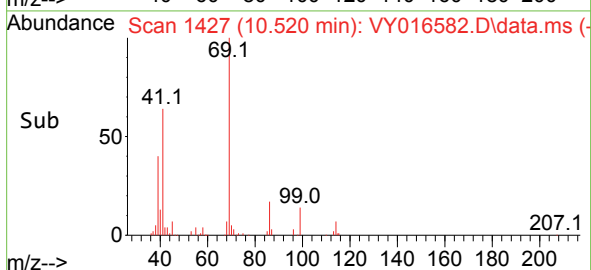
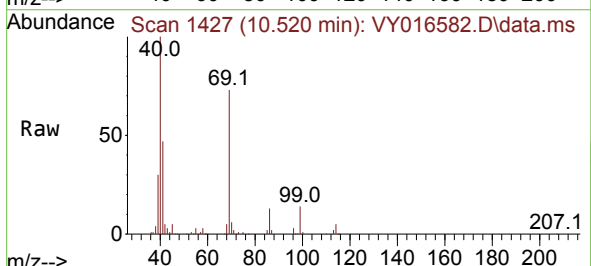


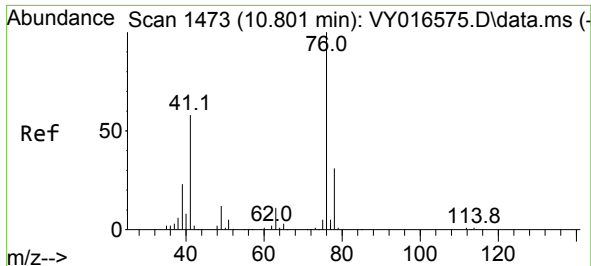
Tgt Ion:	97	Resp:	37428
Ion	Ratio	Lower	Upper
97	100		
83	83.5	72.0	108.0
85	53.8	45.4	68.0
99	61.4	50.3	75.5



#56
Ethyl methacrylate
Concen: 22.865 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion:	69	Resp:	34367
Ion	Ratio	Lower	Upper
69	100		
41	63.9	57.6	86.4
39	36.9	34.1	51.1

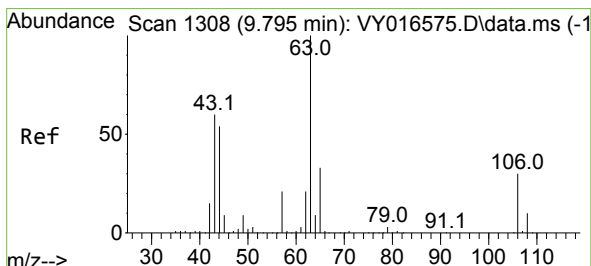
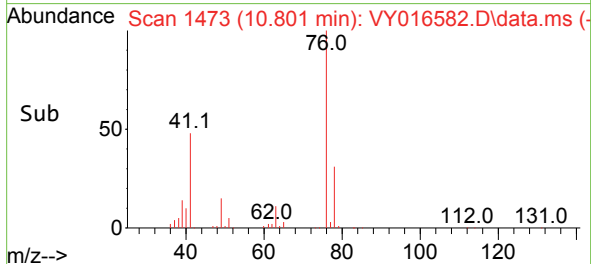
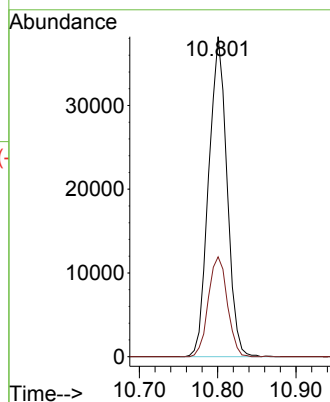
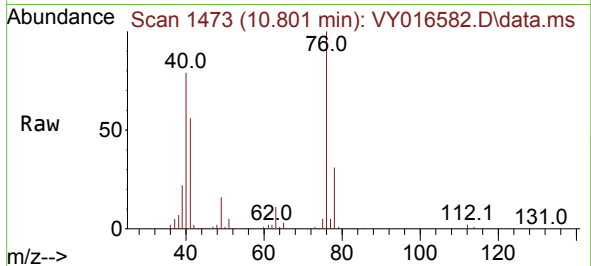




#57
1,3-Dichloropropane
Concen: 22.353 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

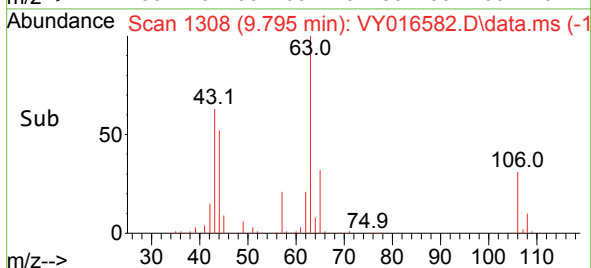
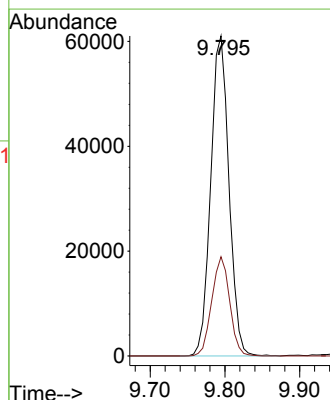
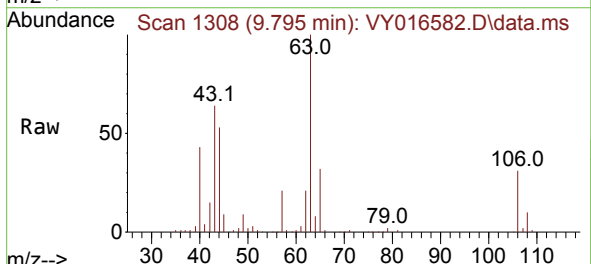
Instrument :
MSVOA_Y
ClientSampleId :

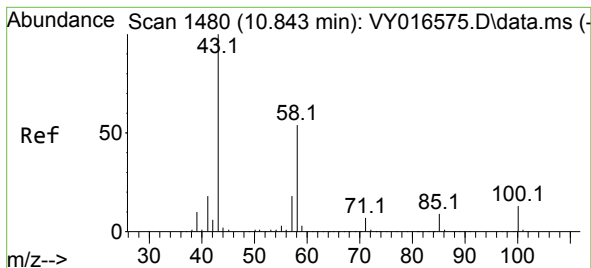
Tgt Ion: 76 Resp: 61917
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 111.651 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 63 Resp: 103417
Ion Ratio Lower Upper
63 100
106 30.4 21.2 31.8





#59

2-Hexanone

Concen: 128.542 ug/l

RT: 10.843 min Scan# 1480

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

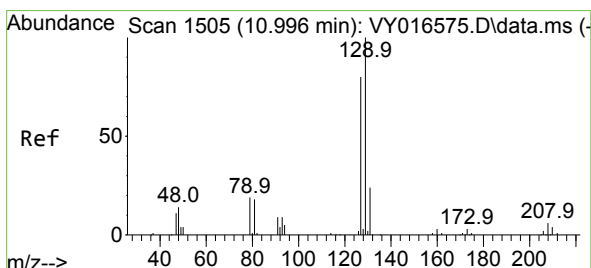
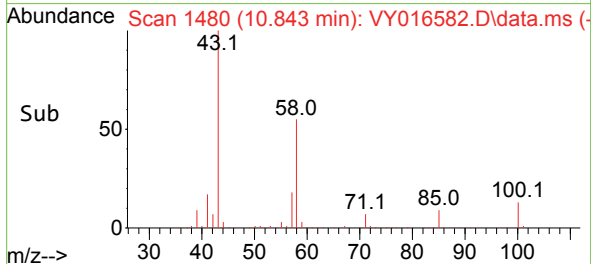
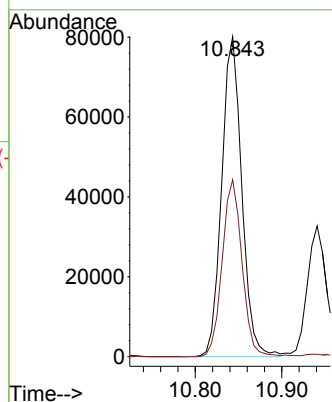
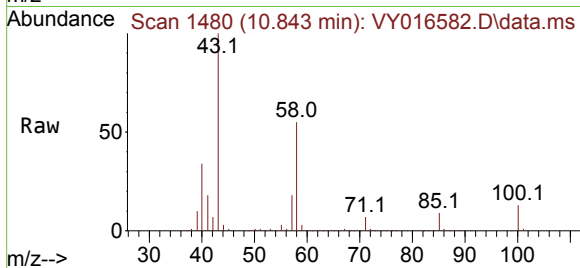
ClientSampleId :

Tgt Ion: 43 Resp: 129075

Ion Ratio Lower Upper

43 100

58 54.8 25.1 75.3



#60

Dibromochloromethane

Concen: 22.347 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. -0.000 min

Lab File: VY016582.D

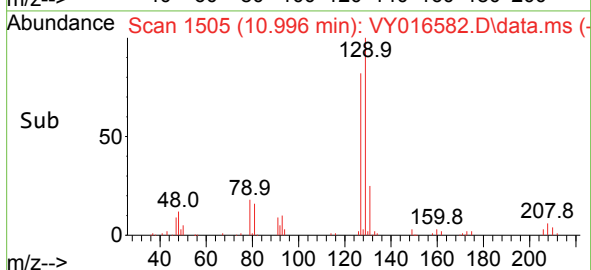
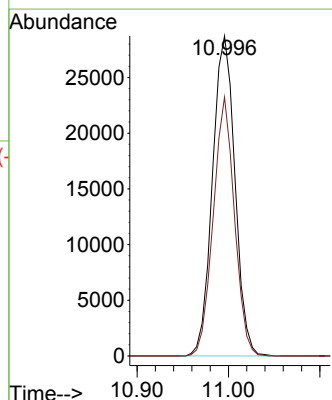
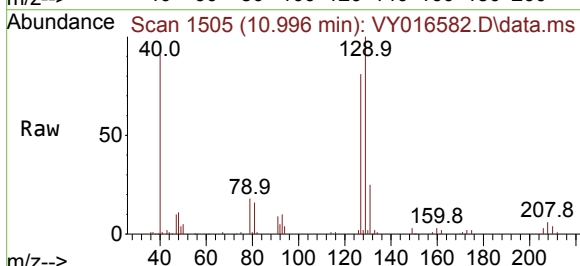
Acq: 04 Dec 2023 17:20

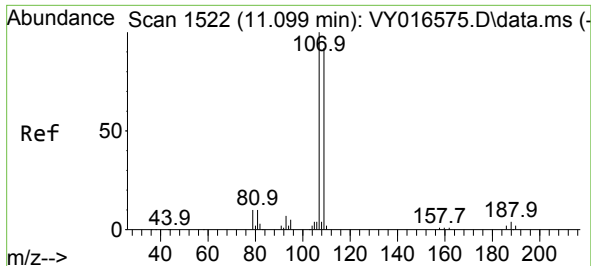
Tgt Ion:129 Resp: 48959

Ion Ratio Lower Upper

129 100

127 76.4 38.5 115.5

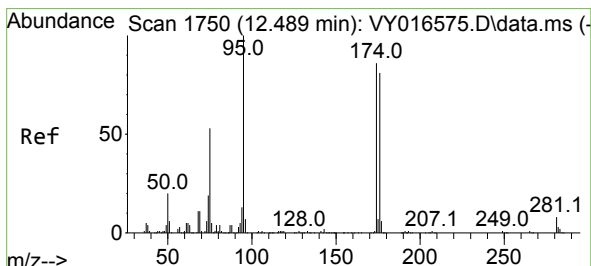
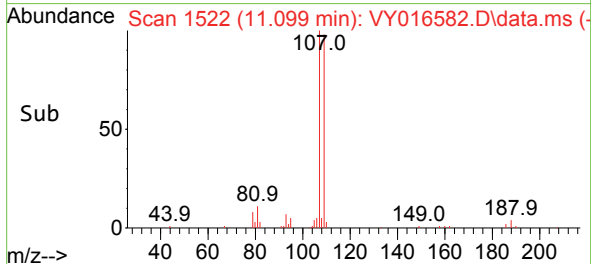
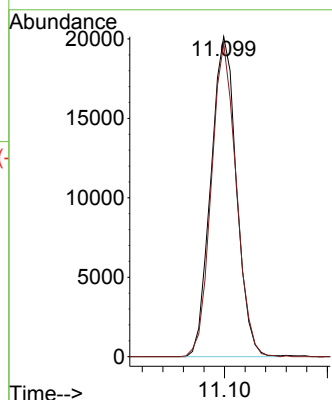
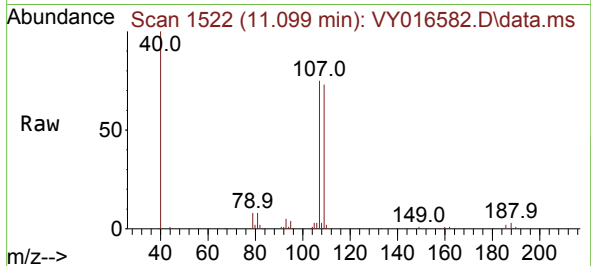




#61
1,2-Dibromoethane
Concen: 22.543 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

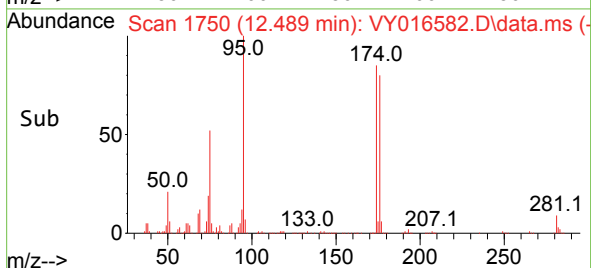
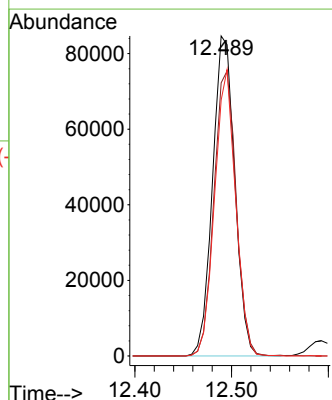
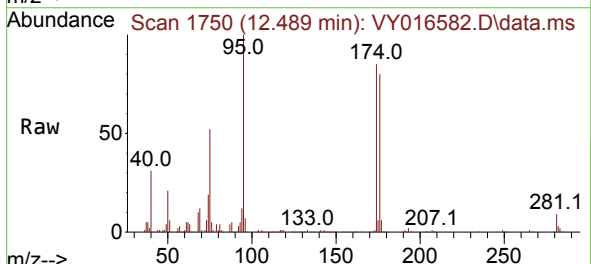
Instrument :
MSVOA_Y
ClientSampleId :

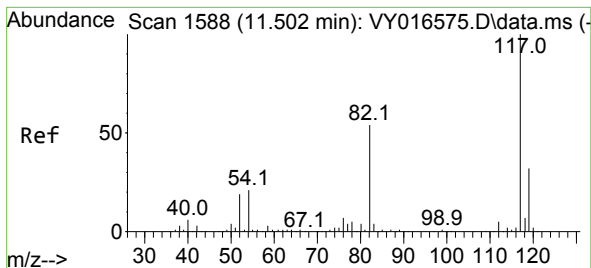
Tgt Ion:107 Resp: 34767
Ion Ratio Lower Upper
107 100
109 95.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.014 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 95 Resp: 134679
Ion Ratio Lower Upper
95 100
174 89.4 0.0 178.2
176 85.1 0.0 173.8

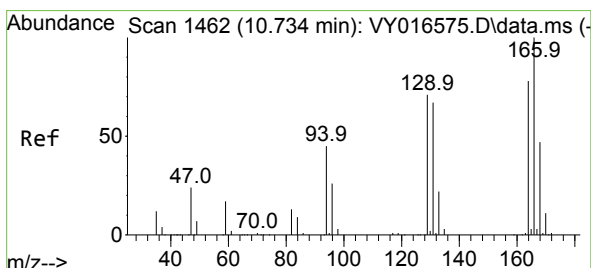
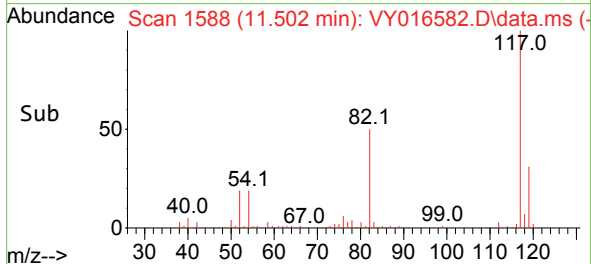
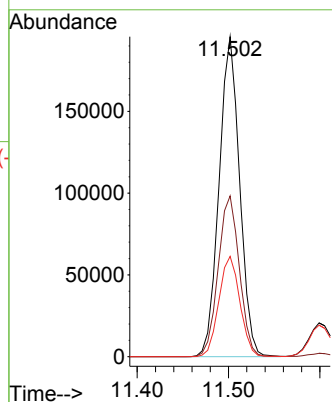
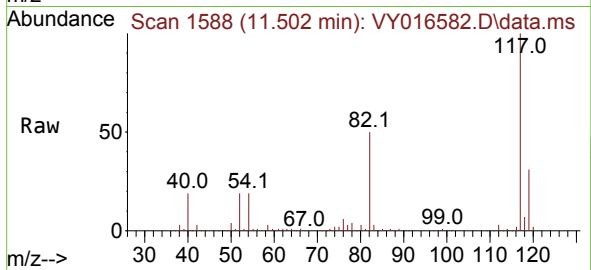




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

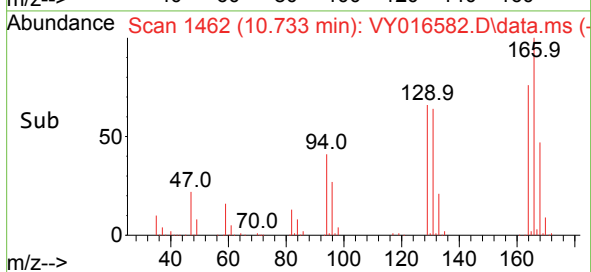
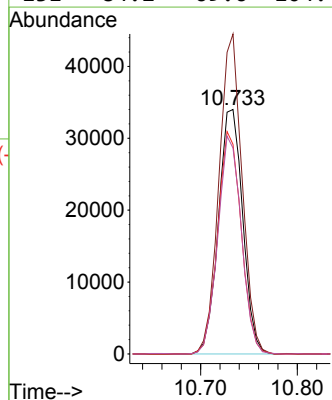
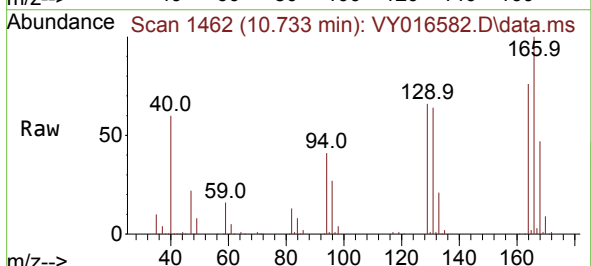
Instrument :
MSVOA_Y
ClientSampleId :

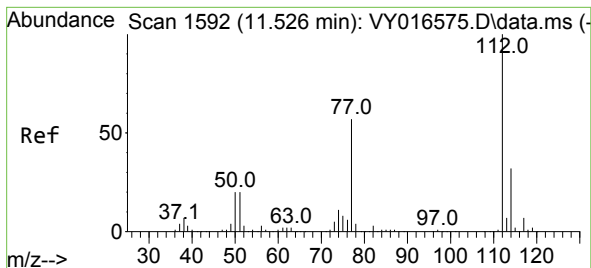
Tgt Ion:117 Resp: 305920
Ion Ratio Lower Upper
117 100
82 50.2 43.4 65.0
119 31.3 26.3 39.5



#64
Tetrachloroethene
Concen: 21.121 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion:164 Resp: 59217
Ion Ratio Lower Upper
164 100
166 130.9 103.0 154.6
129 85.7 77.2 115.8
131 84.2 69.6 104.4





#65

Chlorobenzene

Concen: 21.170 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

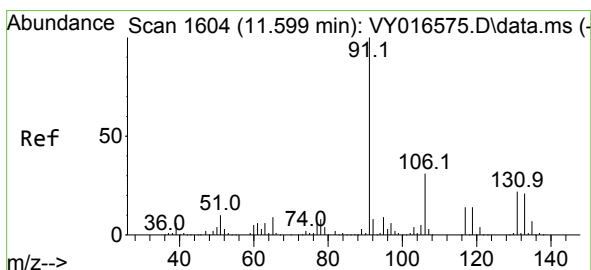
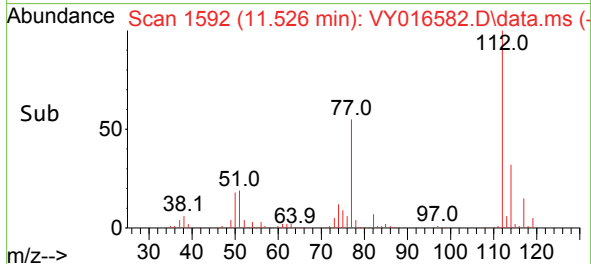
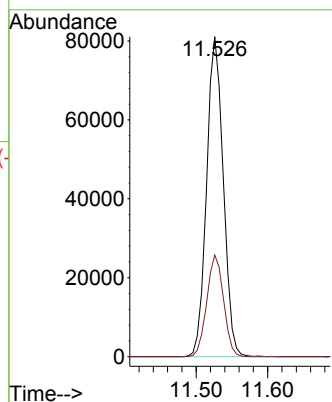
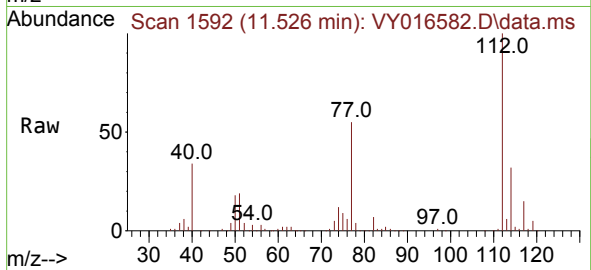
ClientSampleId :

Tgt Ion:112 Resp: 131175

Ion Ratio Lower Upper

112 100

114 31.8 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 21.470 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

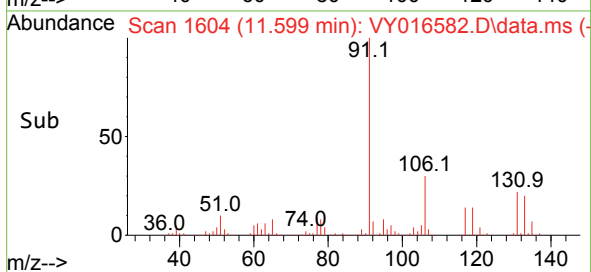
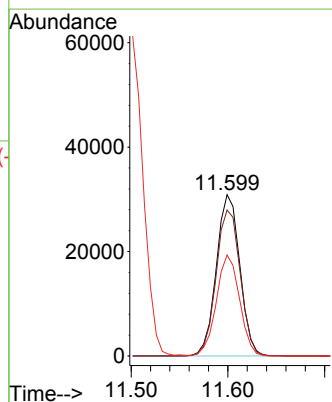
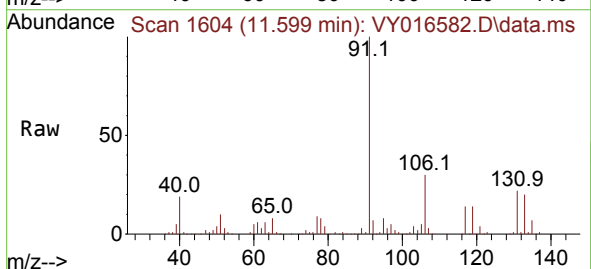
Tgt Ion:131 Resp: 51996

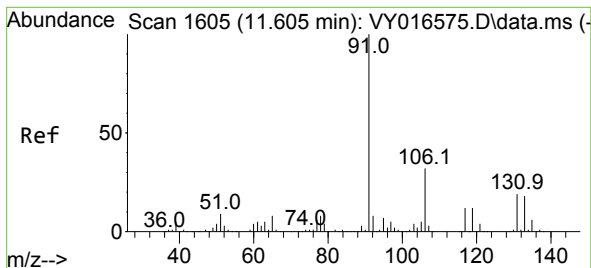
Ion Ratio Lower Upper

131 100

133 93.0 47.5 142.6

119 61.8 31.6 94.7

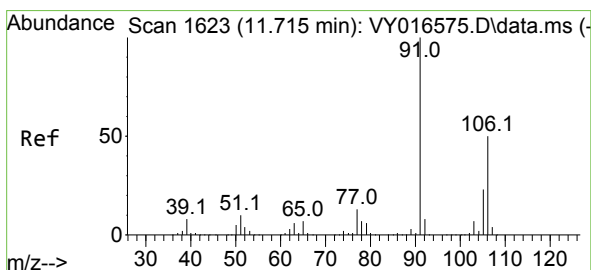
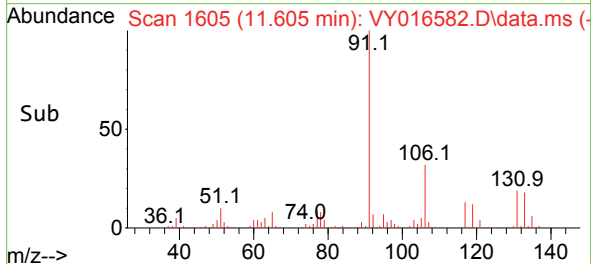
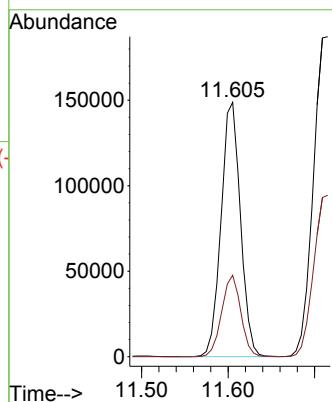
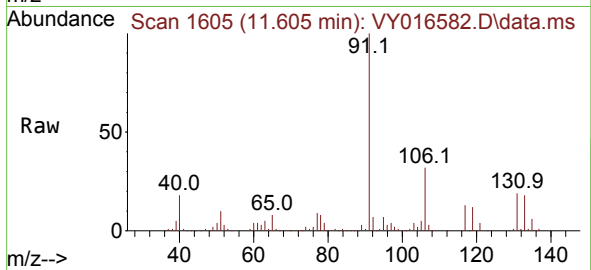




#67
Ethyl Benzene
Concen: 20.825 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

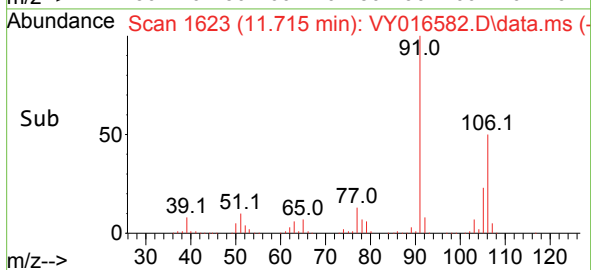
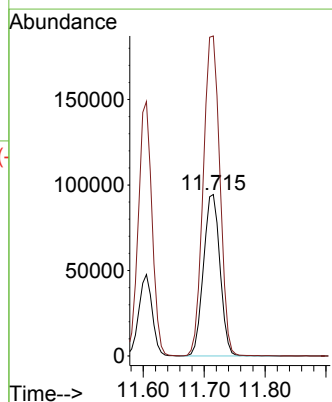
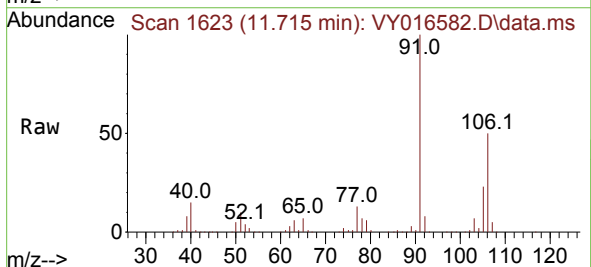
Instrument :
MSVOA_Y
ClientSampleId :

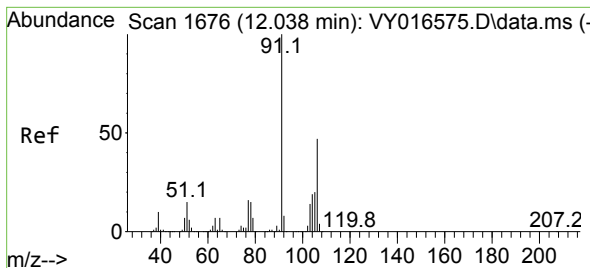
Tgt Ion: 91 Resp: 231415
Ion Ratio Lower Upper
91 100
106 32.0 24.6 36.8



#68
m/p-Xylenes
Concen: 42.174 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 106 Resp: 177913
Ion Ratio Lower Upper
106 100
91 200.0 166.1 249.1

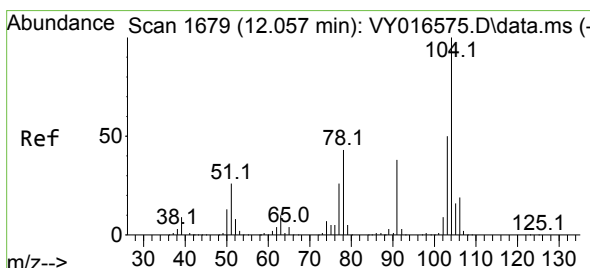
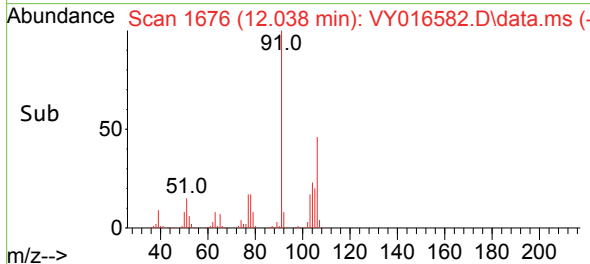
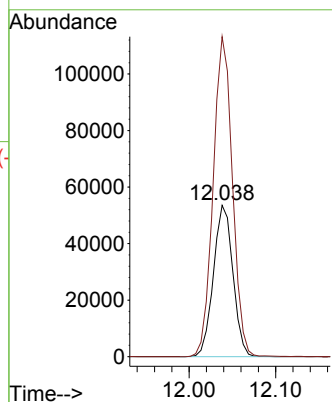
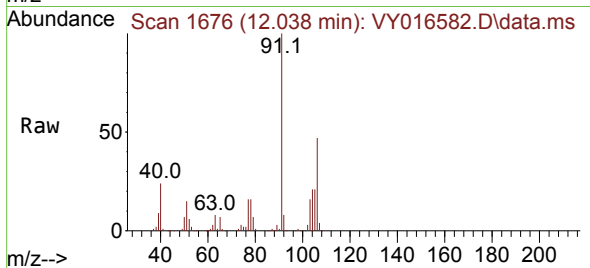




#69
o-Xylene
Concen: 21.251 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

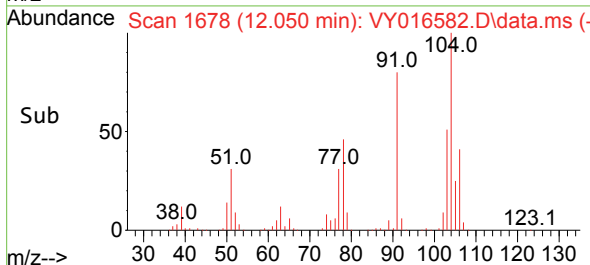
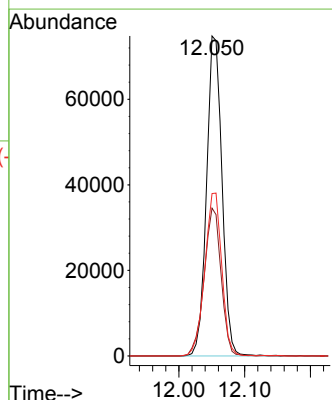
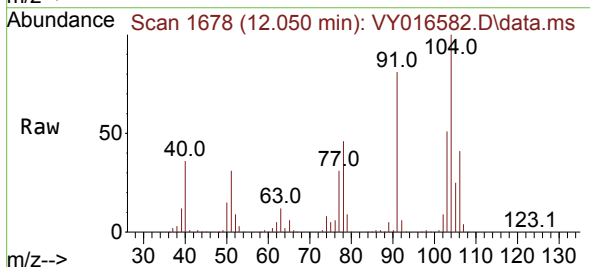
Instrument :
MSVOA_Y
ClientSampleId :

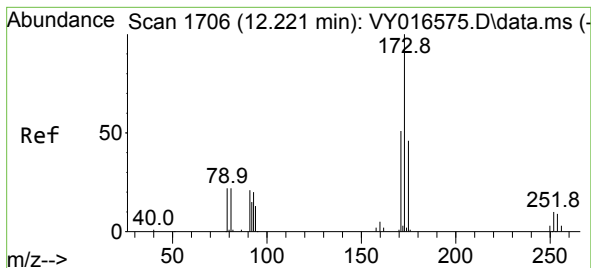
Tgt Ion:106 Resp: 83687
Ion Ratio Lower Upper
106 100
91 209.3 108.1 324.3



#70
Styrene
Concen: 21.659 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion:104 Resp: 122378
Ion Ratio Lower Upper
104 100
78 50.6 41.5 62.3
103 56.0 44.6 67.0





#71

Bromoform

Concen: 22.756 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. -0.000 min

Lab File: VY016582.D

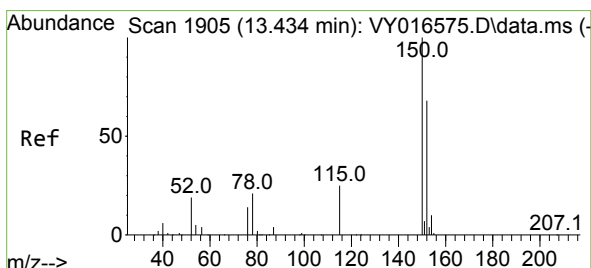
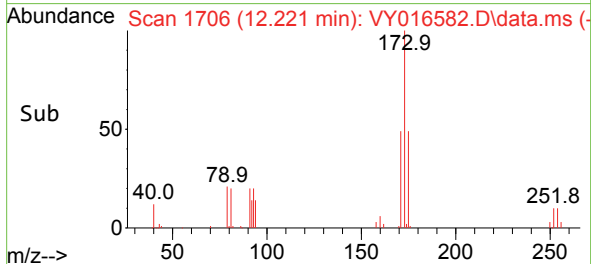
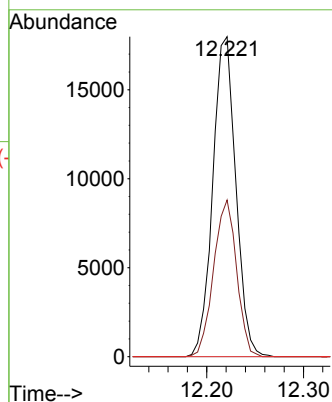
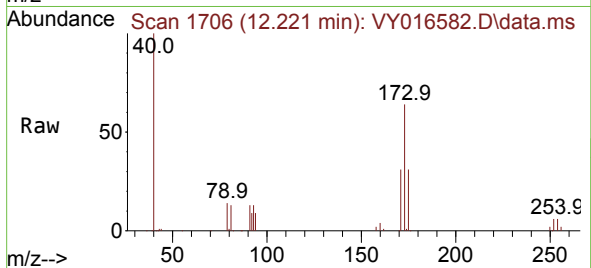
Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	29758
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.6	73.8
254	0.0	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

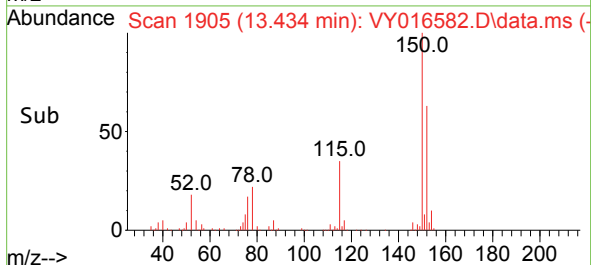
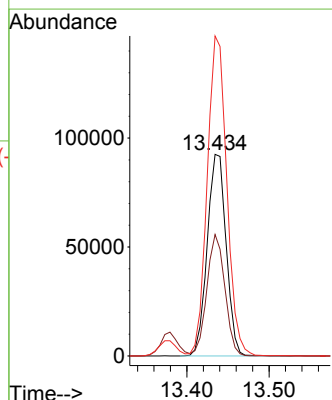
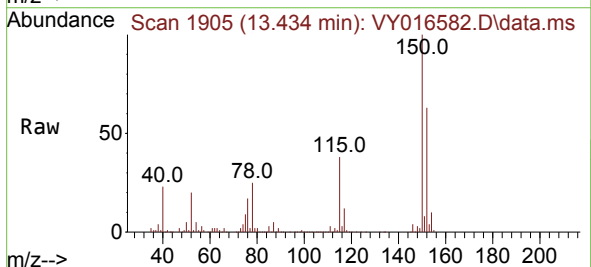
RT: 13.434 min Scan# 1905

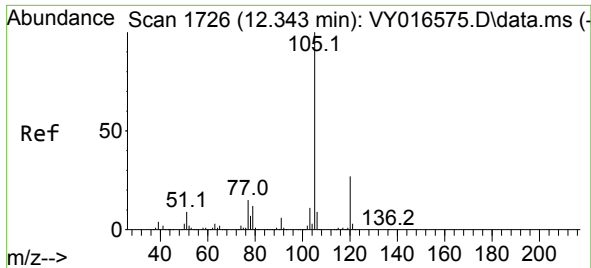
Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Tgt Ion:	152	Resp:	148171
Ion Ratio	Lower	Upper	
152	100		
115	57.3	28.8	86.5
150	163.7	0.0	348.8

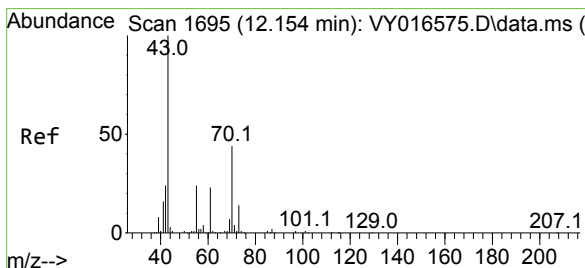
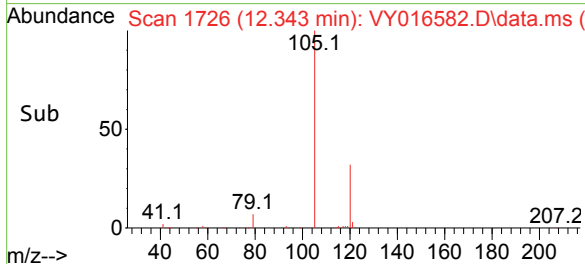
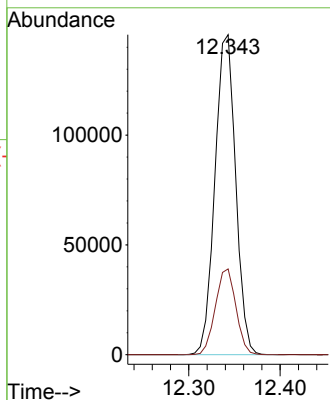
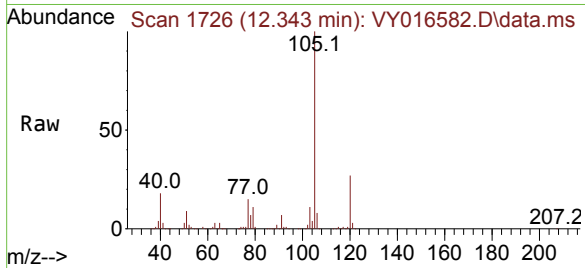




#73
Isopropylbenzene
Concen: 20.942 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

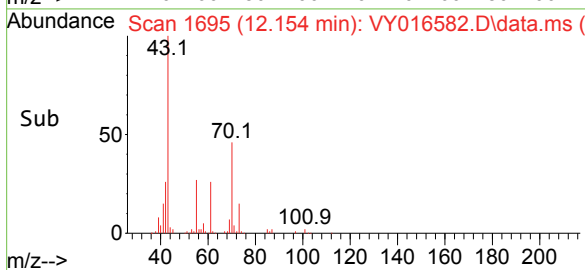
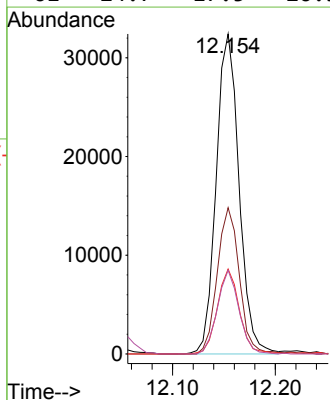
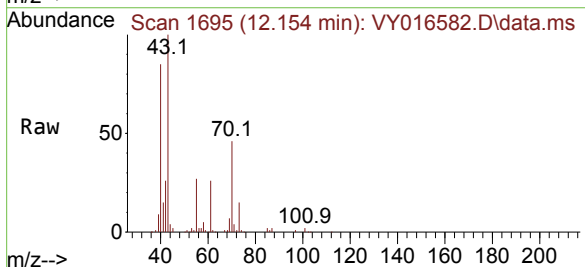
Instrument :
MSVOA_Y
ClientSampleId :

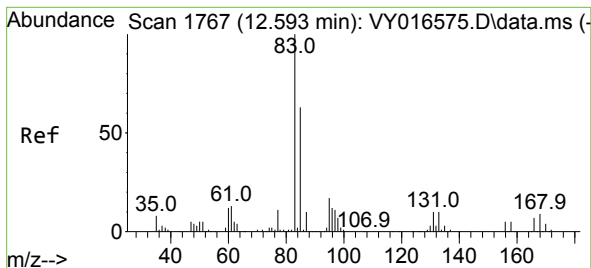
Tgt Ion:105 Resp: 229764
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 22.879 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 43 Resp: 50054
Ion Ratio Lower Upper
43 100
70 44.4 29.7 44.5
55 25.7 18.3 27.5
61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 22.705 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

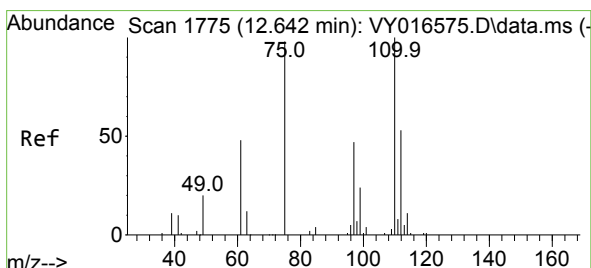
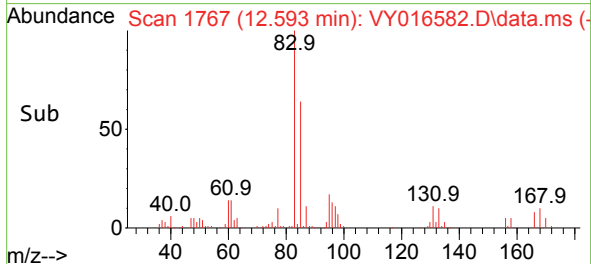
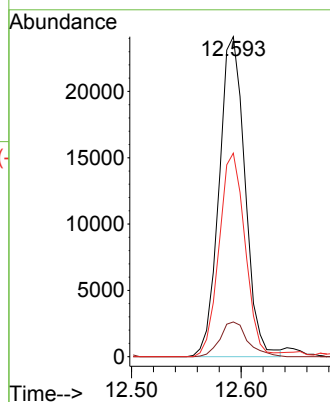
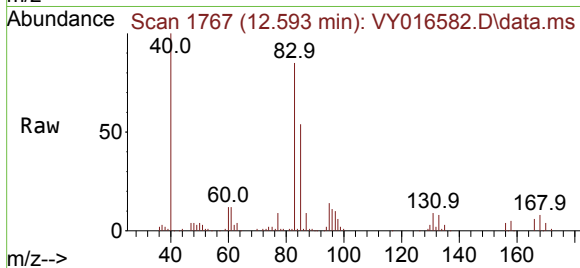
Tgt Ion: 83 Resp: 39621

Ion Ratio Lower Upper

83 100

131 11.6 5.4 16.2

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 39.582 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016582.D

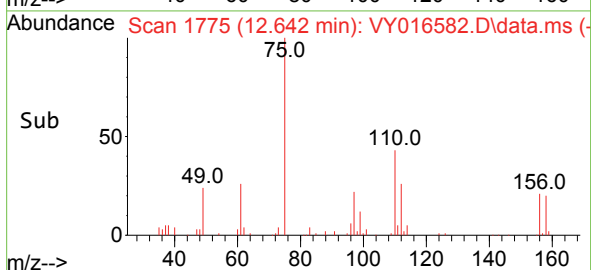
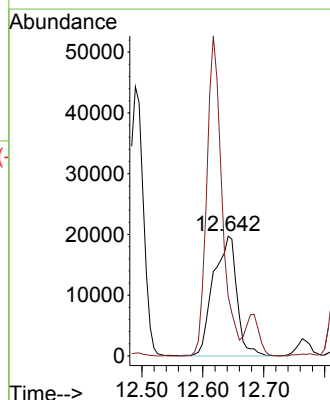
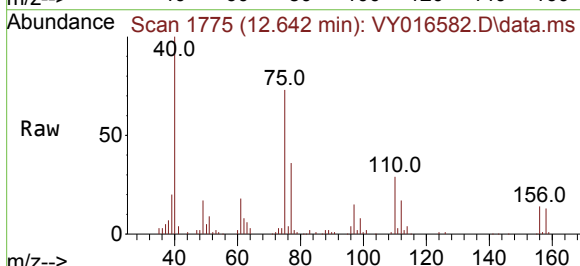
Acq: 04 Dec 2023 17:20

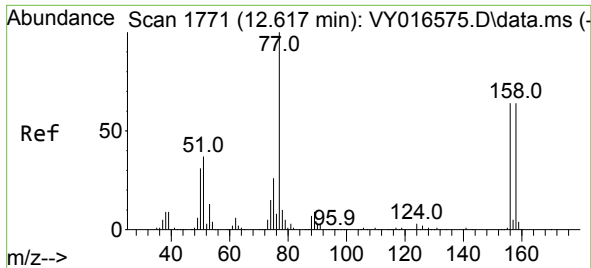
Tgt Ion: 75 Resp: 52980

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

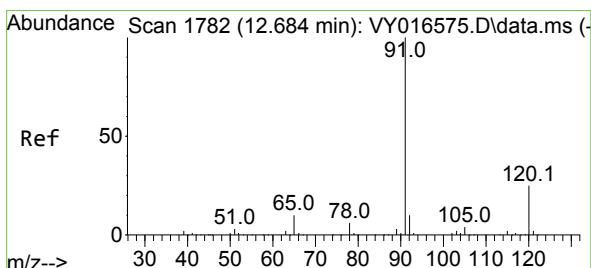
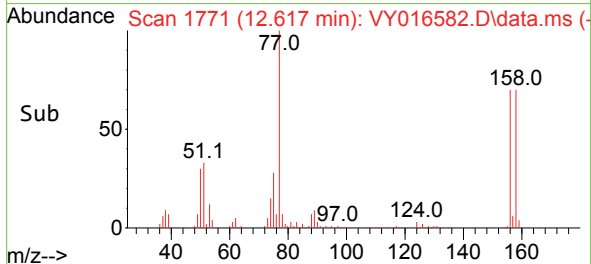
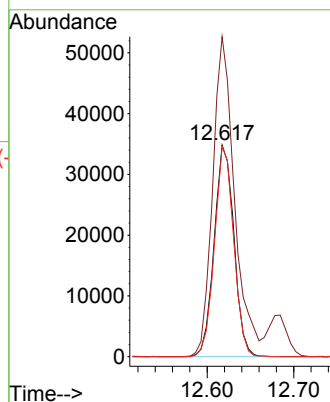
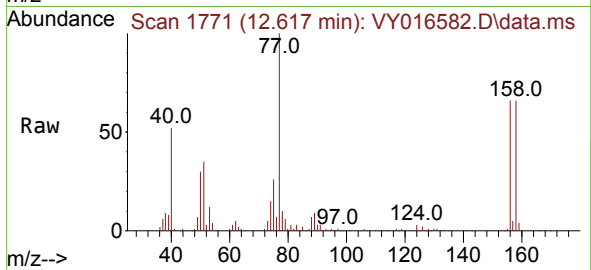




#77
Bromobenzene
Concen: 21.337 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

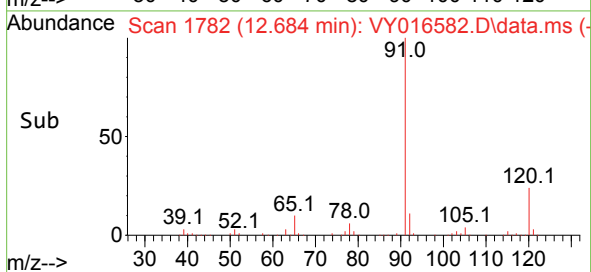
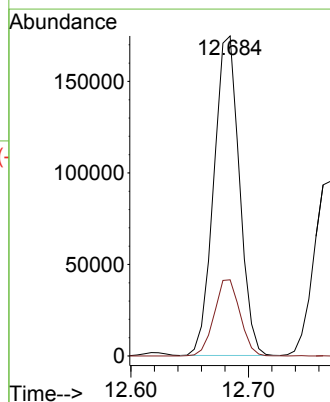
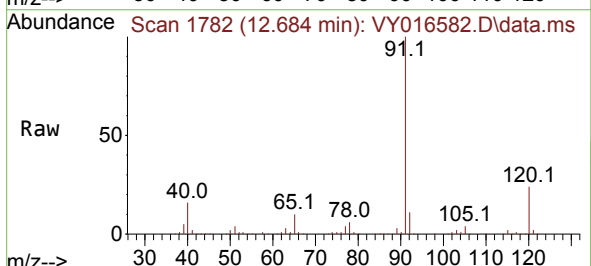
Instrument :
MSVOA_Y
ClientSampleId :

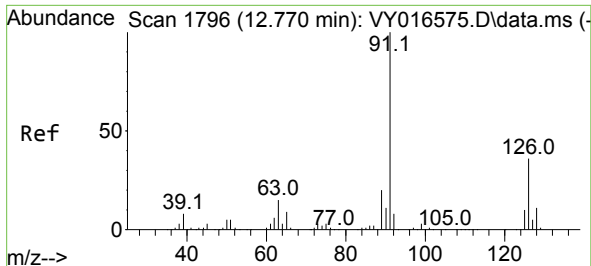
Tgt Ion:156 Resp: 55174
Ion Ratio Lower Upper
156 100
77 166.6 92.8 278.6
158 96.4 48.4 145.3



#78
n-propylbenzene
Concen: 20.686 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 91 Resp: 264161
Ion Ratio Lower Upper
91 100
120 24.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.998 ug/l

RT: 12.770 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

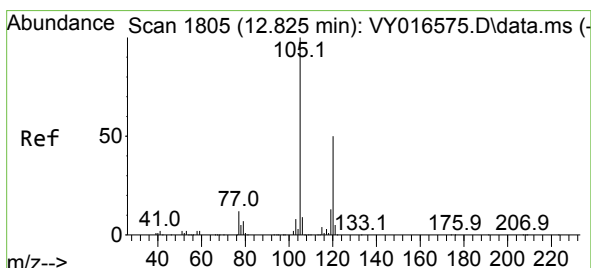
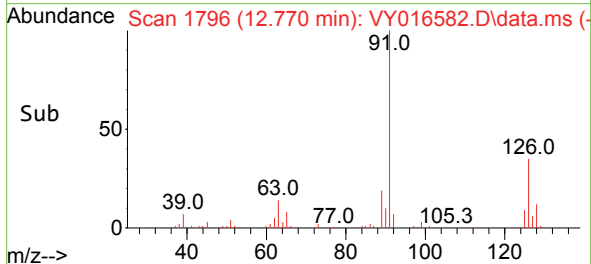
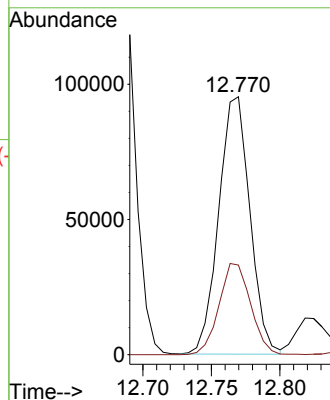
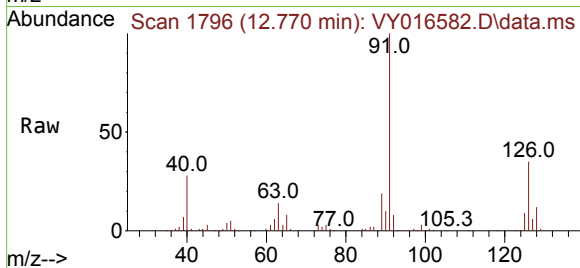
ClientSampleId :

Tgt Ion: 91 Resp: 151107

Ion Ratio Lower Upper

91 100

126 35.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.996 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VY016582.D

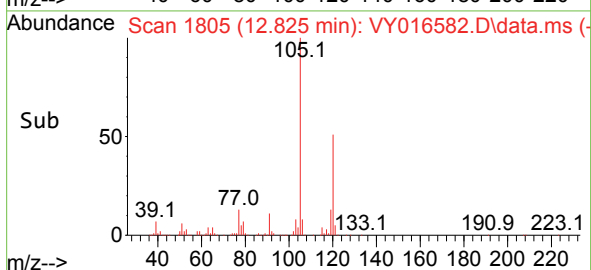
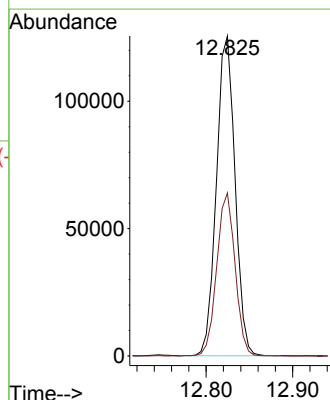
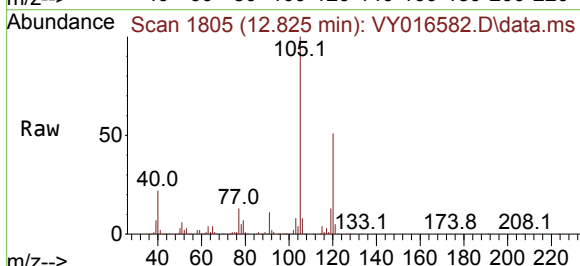
Acq: 04 Dec 2023 17:20

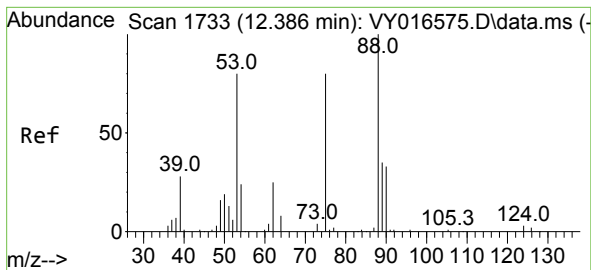
Tgt Ion:105 Resp: 187182

Ion Ratio Lower Upper

105 100

120 50.4 23.9 71.7

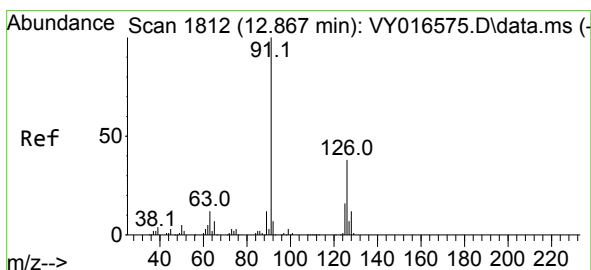
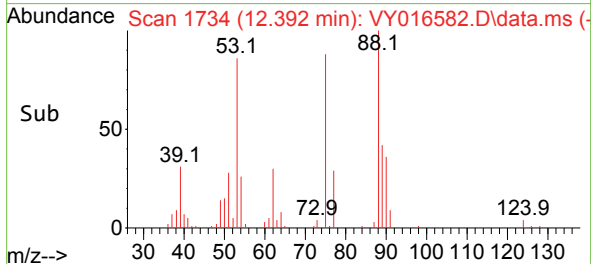
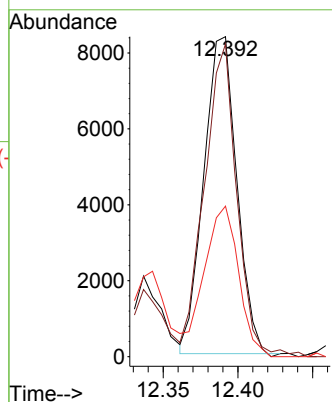
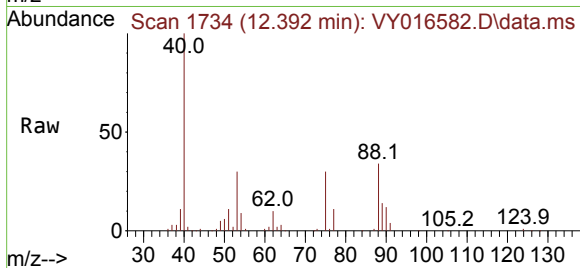




#81
trans-1,4-Dichloro-2-butene
Concen: 21.544 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

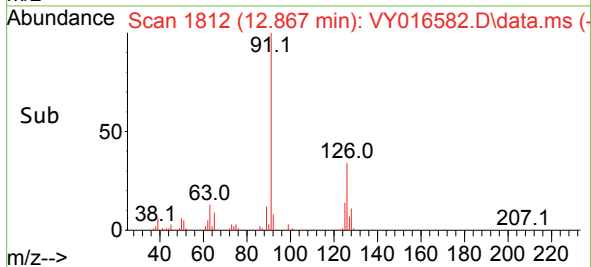
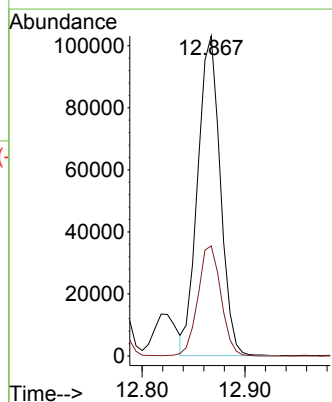
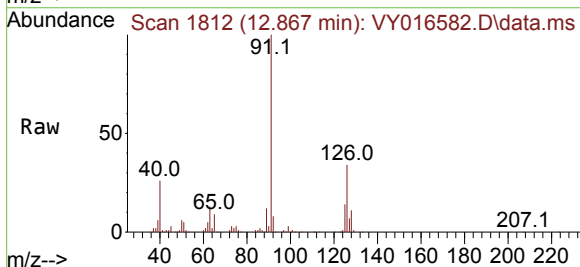
Instrument :
MSVOA_Y
ClientSampleId :

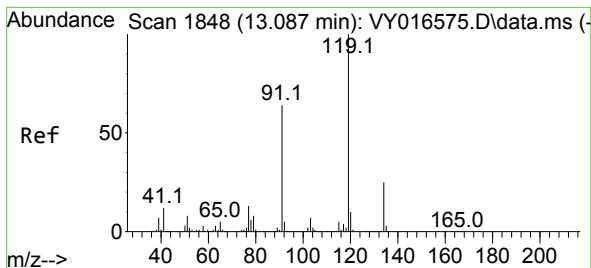
Tgt Ion: 75 Resp: 12783
Ion Ratio Lower Upper
75 100
53 97.3 77.8 116.8
89 49.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.172 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 91 Resp: 157647
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.116 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

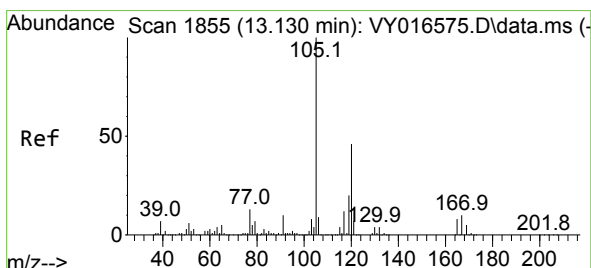
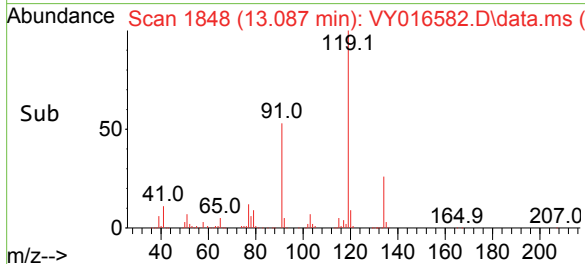
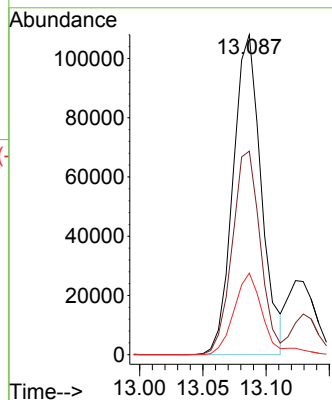
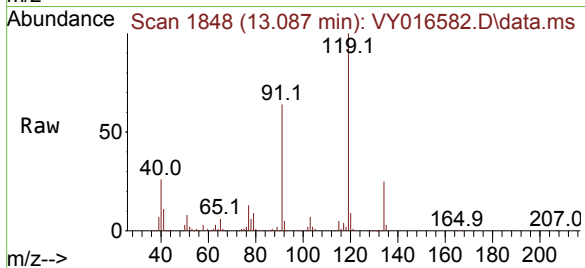
Tgt Ion:119 Resp: 168196

Ion Ratio Lower Upper

119 100

91 63.3 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.417 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016582.D

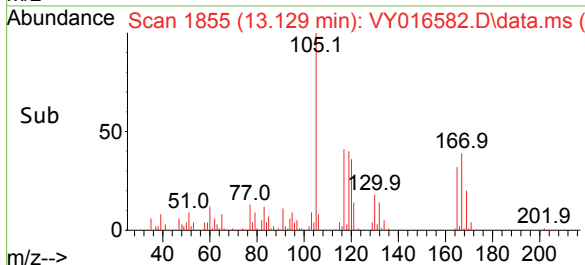
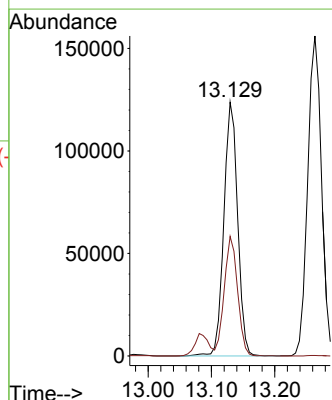
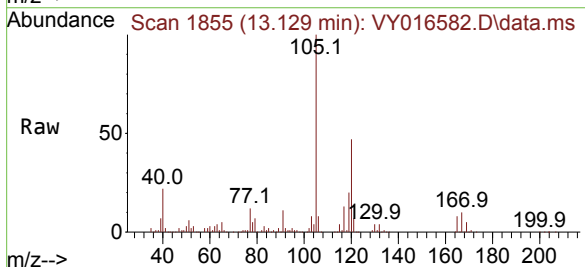
Acq: 04 Dec 2023 17:20

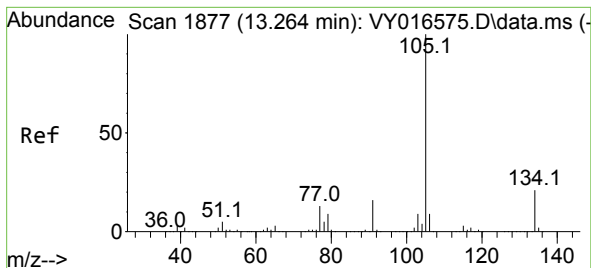
Tgt Ion:105 Resp: 186499

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.070 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

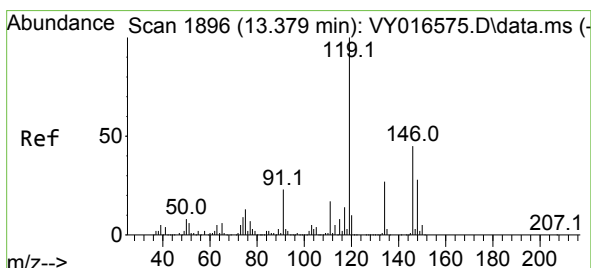
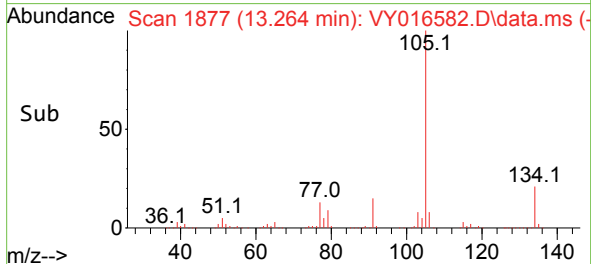
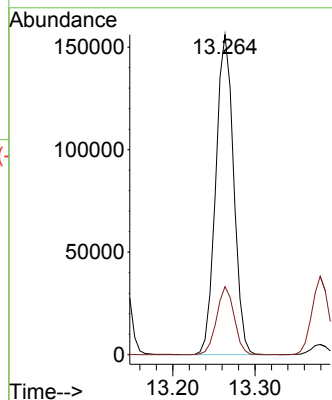
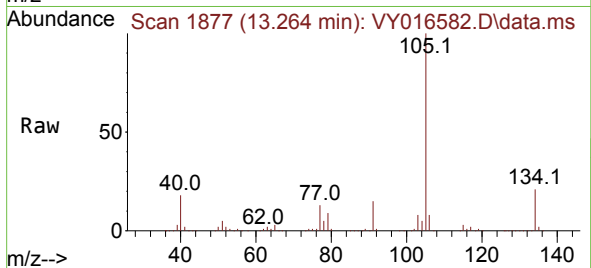
ClientSampleId :

Tgt Ion:105 Resp: 235720

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.981 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

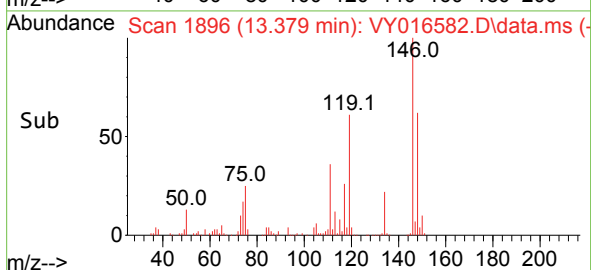
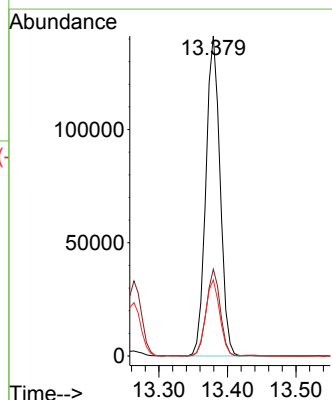
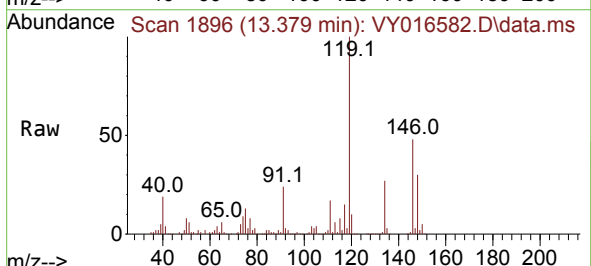
Tgt Ion:119 Resp: 203754

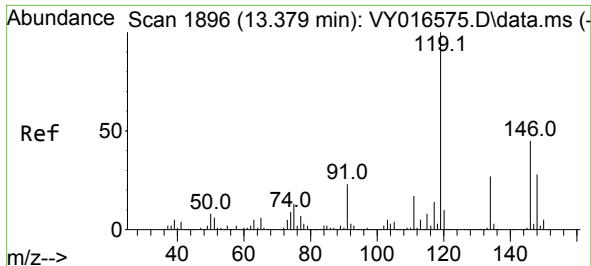
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.406 ug/l

RT: 13.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

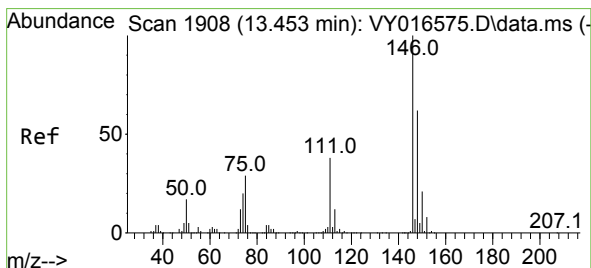
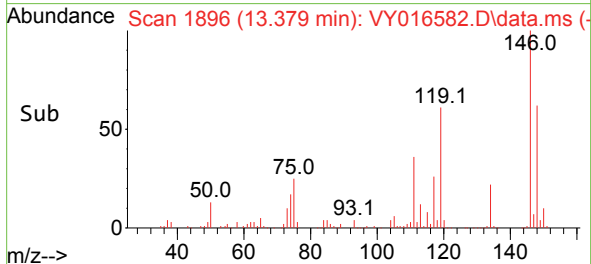
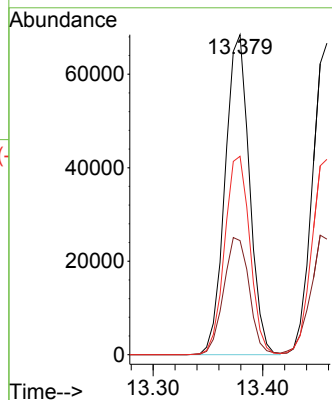
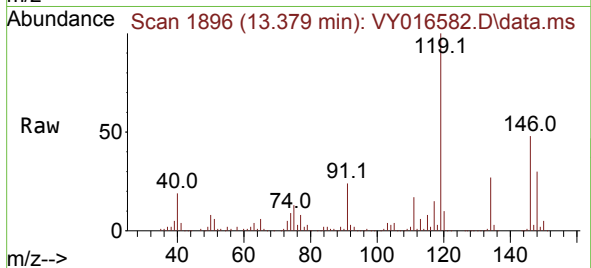
Tgt Ion:146 Resp: 105663

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.137 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

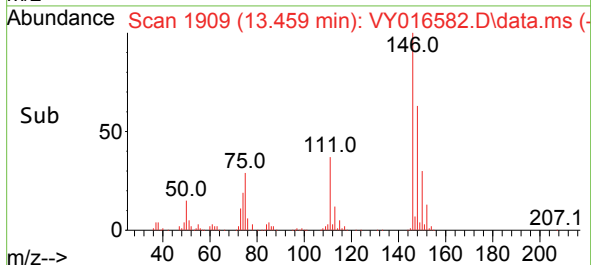
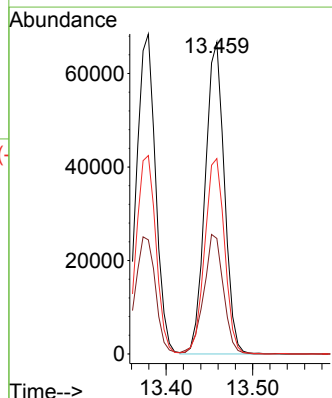
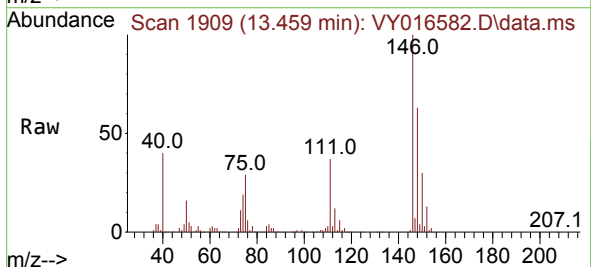
Tgt Ion:146 Resp: 102396

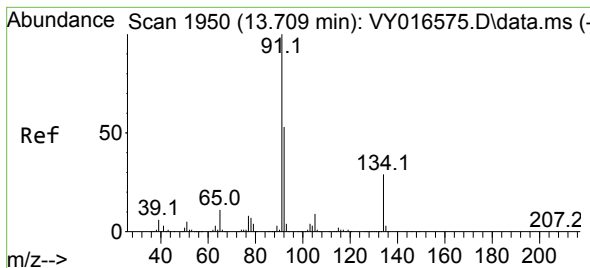
Ion Ratio Lower Upper

146 100

111 39.4 18.9 56.7

148 65.0 32.1 96.5





#89

n-Butylbenzene

Concen: 20.832 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

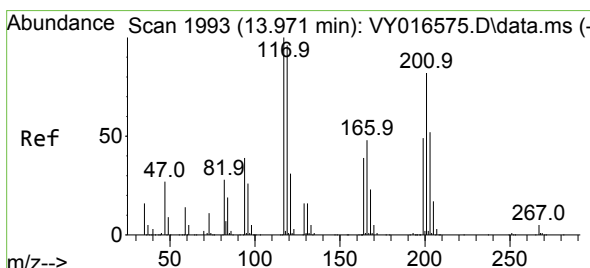
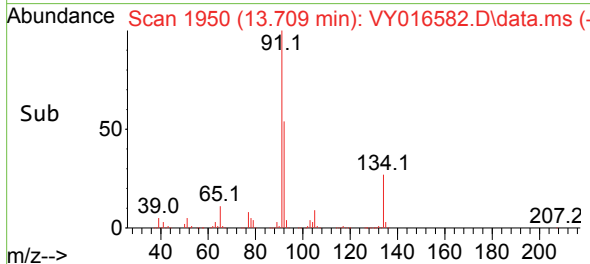
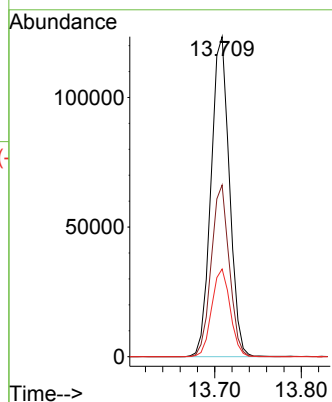
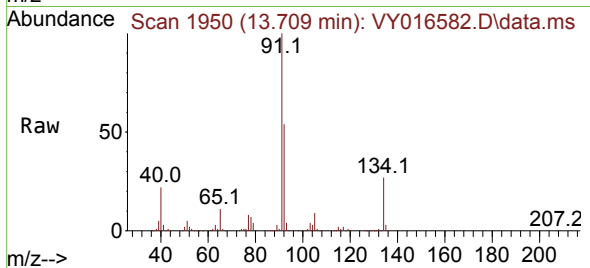
Tgt Ion: 91 Resp: 181931

Ion Ratio Lower Upper

91 100

92 52.7 25.4 76.0

134 27.5 12.6 37.6



#90

Hexachloroethane

Concen: 20.583 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016582.D

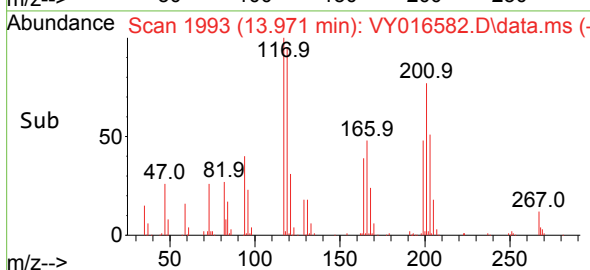
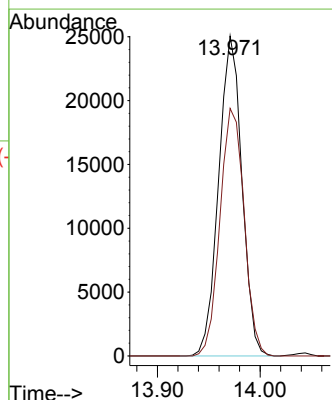
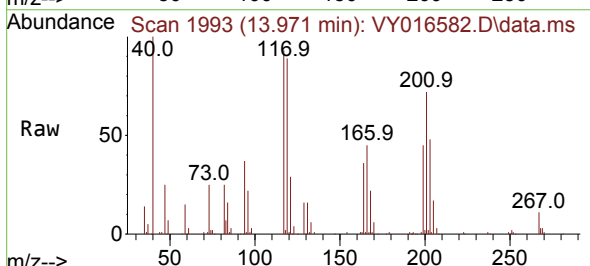
Acq: 04 Dec 2023 17:20

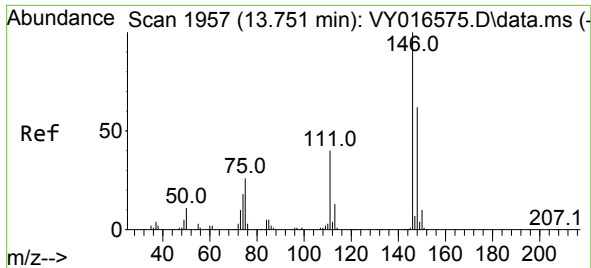
Tgt Ion: 117 Resp: 39329

Ion Ratio Lower Upper

117 100

201 80.4 41.6 124.8

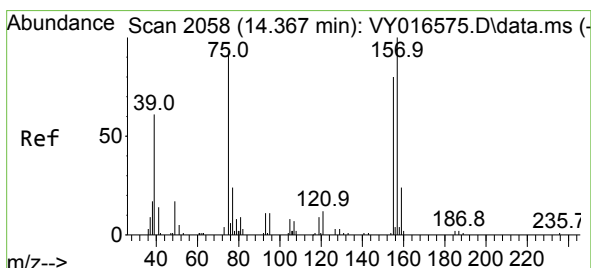
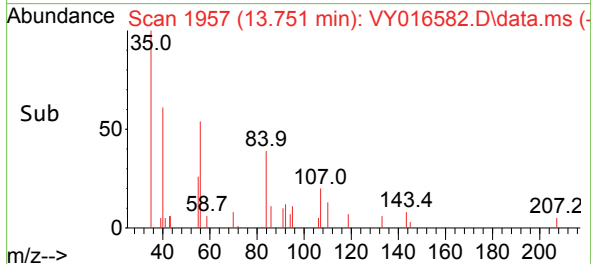
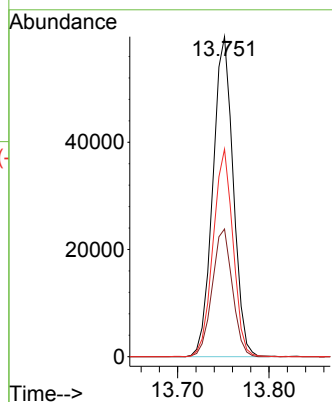
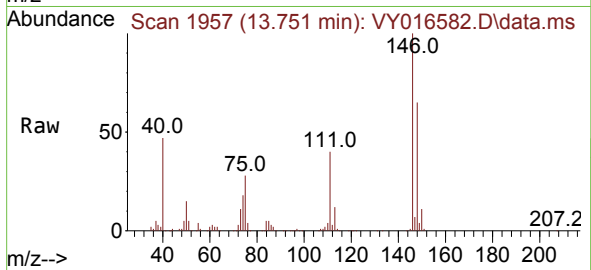




#91
1,2-Dichlorobenzene
Concen: 21.786 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

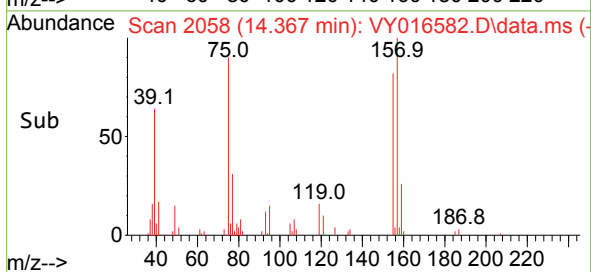
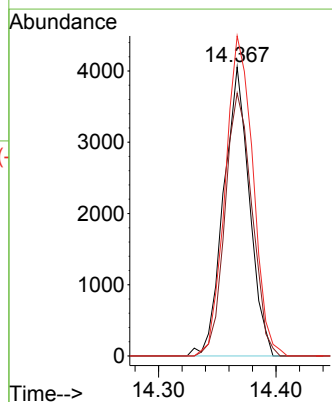
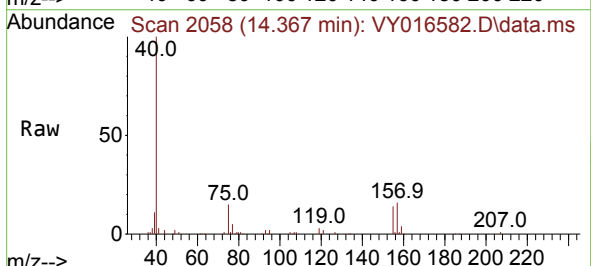
Instrument :
MSVOA_Y
ClientSampleId :

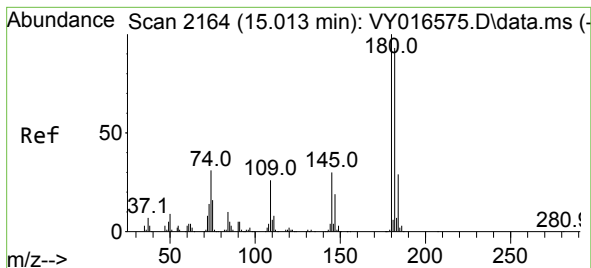
Tgt Ion:146 Resp: 92326
Ion Ratio Lower Upper
146 100
111 39.6 19.7 59.0
148 63.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.155 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016582.D
Acq: 04 Dec 2023 17:20

Tgt Ion: 75 Resp: 6187
Ion Ratio Lower Upper
75 100
155 94.9 41.5 124.6
157 118.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.660 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Instrument :

MSVOA_Y

ClientSampleId :

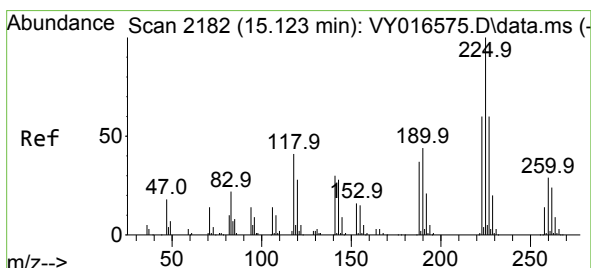
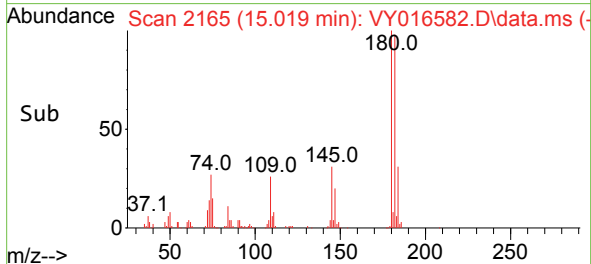
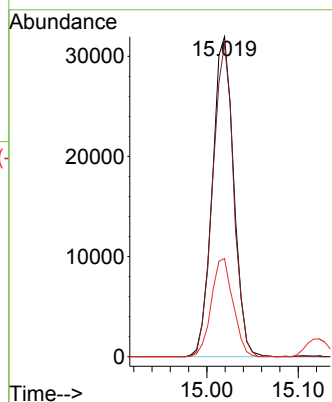
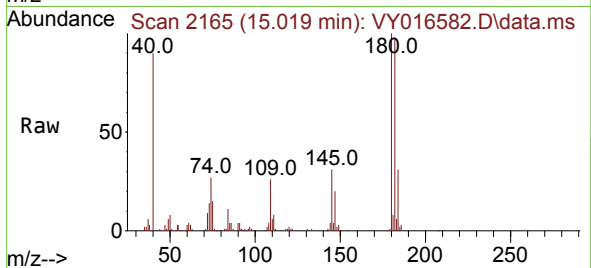
Tgt Ion:180 Resp: 51797

Ion Ratio Lower Upper

180 100

182 96.0 47.0 141.2

145 31.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.884 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

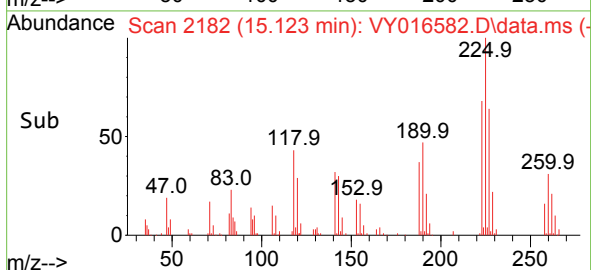
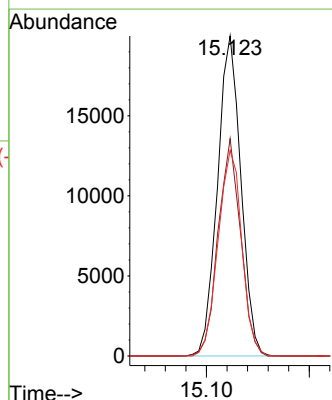
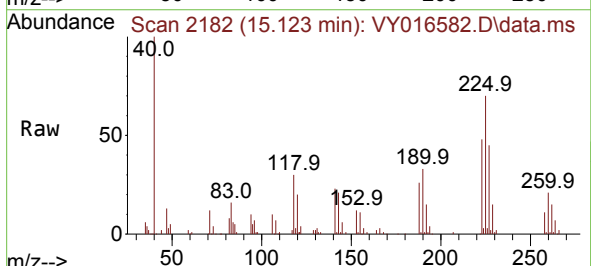
Tgt Ion:225 Resp: 31554

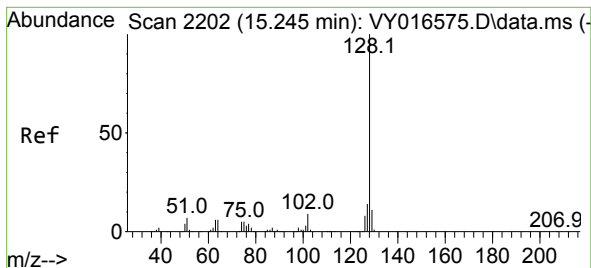
Ion Ratio Lower Upper

225 100

223 65.4 31.9 95.9

227 64.9 33.0 98.9





#95

Naphthalene

Concen: 25.534 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

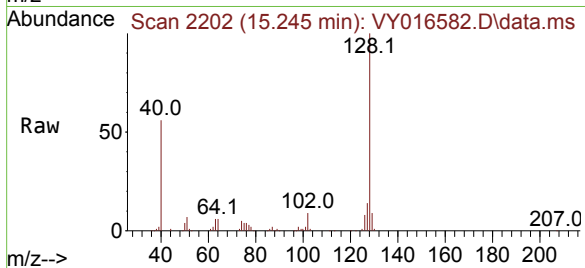
Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

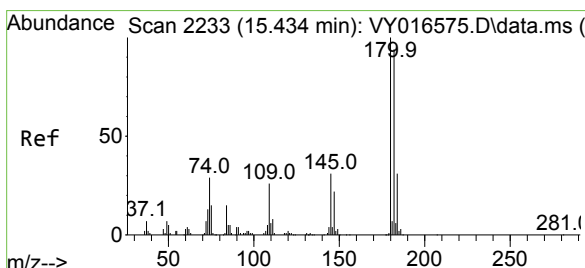
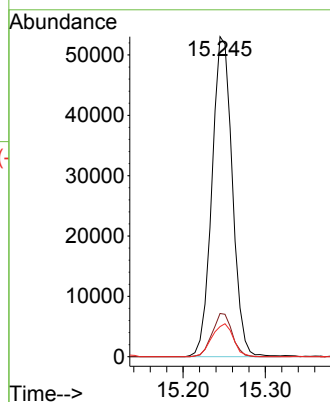
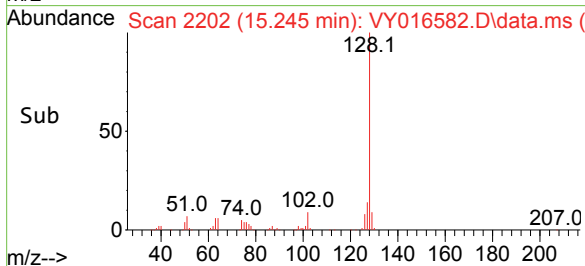
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	128	Resp:	91155
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.8	16.2
129	10.9	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 24.264 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016582.D

Acq: 04 Dec 2023 17:20

Tgt Ion:	180	Resp:	42688
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.3	141.8
145	31.1	15.4	46.2

