

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
 Data File : VY016297.D
 Acq On : 10 Nov 2023 10:27
 Operator : SY/MD
 Sample : VY1110SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBSD01

Quant Time: Nov 10 22:17:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	166675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	267599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	233639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	109870	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	79140	51.951	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.900%	
35) Dibromofluoromethane	7.734	113	80658	53.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.120%	
50) Toluene-d8	10.191	98	323764	52.521	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.040%	
62) 4-Bromofluorobenzene	12.489	95	105636	52.762	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	35145	21.535	ug/l	96
3) Chloromethane	2.119	50	39190	20.504	ug/l	98
4) Vinyl Chloride	2.253	62	40607	19.757	ug/l	96
5) Bromomethane	2.656	94	26555	19.660	ug/l	98
6) Chloroethane	2.796	64	25748	19.633	ug/l	95
7) Trichlorofluoromethane	3.131	101	63029	21.078	ug/l	95
8) Diethyl Ether	3.534	74	18753	20.984	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.905	101	38129	21.171	ug/l	93
10) Methyl Iodide	4.101	142	38410	19.747	ug/l	97
11) Tert butyl alcohol	4.960	59	12172	102.037	ug/l #	82
12) 1,1-Dichloroethene	3.887	96	35292	20.953	ug/l	85
13) Acrolein	3.735	56	14920	103.694	ug/l	100
14) Allyl chloride	4.491	41	49214	20.590	ug/l #	93
15) Acrylonitrile	5.174	53	38362	108.165	ug/l	96
16) Acetone	3.954	43	24850	98.619	ug/l #	89
17) Carbon Disulfide	4.204	76	100849	19.845	ug/l	98
18) Methyl Acetate	4.485	43	28389	21.203	ug/l #	89
19) Methyl tert-butyl Ether	5.234	73	83791	20.554	ug/l	97
20) Methylene Chloride	4.729	84	47632	25.019	ug/l	87
21) trans-1,2-Dichloroethene	5.234	96	39567	20.403	ug/l	89
22) Diisopropyl ether	6.131	45	108374	21.039	ug/l	89
23) Vinyl Acetate	6.076	43	260381	104.323	ug/l #	93
24) 1,1-Dichloroethane	6.033	63	66072	20.792	ug/l	95
25) 2-Butanone	6.996	43	44637	101.136	ug/l	91
26) 2,2-Dichloropropane	6.996	77	59440	20.552	ug/l	97
27) cis-1,2-Dichloroethene	7.002	96	43025	20.587	ug/l	92
28) Bromochloromethane	7.344	49	24455	20.793	ug/l	90
29) Tetrahydrofuran	7.368	42	31555	108.168	ug/l	90
30) Chloroform	7.521	83	67724	20.474	ug/l	93
31) Cyclohexane	7.801	56	59631	19.882	ug/l #	82
32) 1,1,1-Trichloroethane	7.716	97	64036	21.120	ug/l	98
36) 1,1-Dichloropropene	7.929	75	54513	20.652	ug/l	100
37) Ethyl Acetate	7.088	43	22590	21.181	ug/l #	94
38) Carbon Tetrachloride	7.917	117	58355	21.301	ug/l	97
39) Methylcyclohexane	9.191	83	67355	20.478	ug/l	95
40) Benzene	8.173	78	153798	20.739	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	12488	23.223	ug/l #	87
42) 1,2-Dichloroethane	8.246	62	41276	21.481	ug/l	92
43) Isopropyl Acetate	8.283	43	43427	21.065	ug/l #	90
44) Trichloroethene	8.953	130	44266	20.769	ug/l	99
45) 1,2-Dichloropropane	9.228	63	37849	21.251	ug/l	99
46) Dibromomethane	9.319	93	20036	20.760	ug/l	97
47) Bromodichloromethane	9.508	83	52056	20.980	ug/l	99
48) Methyl methacrylate	9.301	41	24178	21.221	ug/l	86
49) 1,4-Dioxane	9.313	88	4337	423.274	ug/l #	68
51) 4-Methyl-2-Pentanone	10.081	43	111649	107.099	ug/l	90
52) Toluene	10.252	92	98216	20.951	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	49914	20.751	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	60690	21.125	ug/l	90
55) 1,1,2-Trichloroethane	10.654	97	28346	21.309	ug/l	96
56) Ethyl methacrylate	10.520	69	26277	20.926	ug/l #	85
57) 1,3-Dichloropropane	10.801	76	48233	21.271	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.795	63	89864	105.541	ug/l	94
59) 2-Hexanone	10.837	43	85046	109.677	ug/l	89
60) Dibromochloromethane	10.996	129	35700	21.458	ug/l	100
61) 1,2-Dibromoethane	11.099	107	27609	21.785	ug/l	100
64) Tetrachloroethene	10.727	164	43799	20.878	ug/l	95
65) Chlorobenzene	11.526	112	103024	20.639	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	37920	20.596	ug/l	97
67) Ethyl Benzene	11.599	91	186570	20.797	ug/l	99
68) m/p-Xylenes	11.709	106	140597	41.320	ug/l	97
69) o-Xylene	12.038	106	66198	20.954	ug/l	95
70) Styrene	12.050	104	94628	20.919	ug/l	98
71) Bromoform	12.215	173	20627	21.591	ug/l #	98
73) Isopropylbenzene	12.337	105	181700	20.422	ug/l	100
74) N-amyl acetate	12.154	43	36443	20.392	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.593	83	30330	21.245	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	40361	38.294	ug/l #	100
77) Bromobenzene	12.617	156	40887	20.333	ug/l	95
78) n-propylbenzene	12.678	91	214718	20.421	ug/l	100
79) 2-Chlorotoluene	12.764	91	116968	20.186	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	147929	20.622	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	10315	21.243	ug/l	89
82) 4-Chlorotoluene	12.861	91	121671	20.321	ug/l	99
83) tert-Butylbenzene	13.081	119	127352	20.156	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	144912	20.517	ug/l	98
85) sec-Butylbenzene	13.264	105	185457	20.546	ug/l	100
86) p-Isopropyltoluene	13.379	119	160962	20.709	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	79277	20.492	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	78072	20.650	ug/l	98
89) n-Butylbenzene	13.702	91	147837	20.596	ug/l	98
90) Hexachloroethane	13.971	117	30007	20.014	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	68624	20.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4510	19.856	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	39575	20.452	ug/l	99
94) Hexachlorobutadiene	15.117	225	23556	21.249	ug/l	98
95) Naphthalene	15.245	128	69949	20.212	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	32104	20.059	ug/l	98

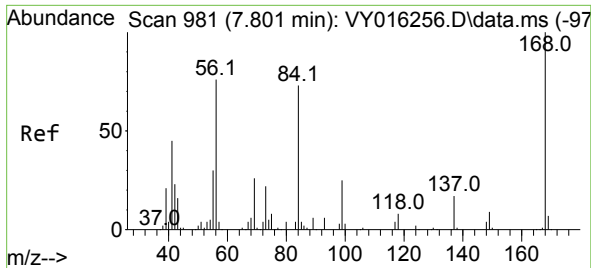
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111023\
Data File : VY016297.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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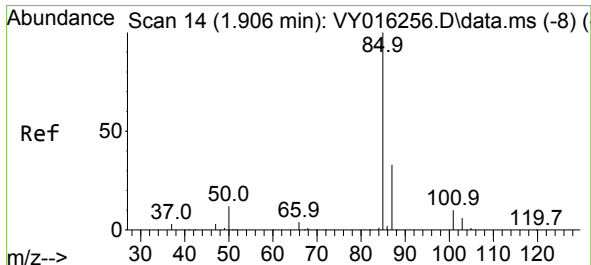
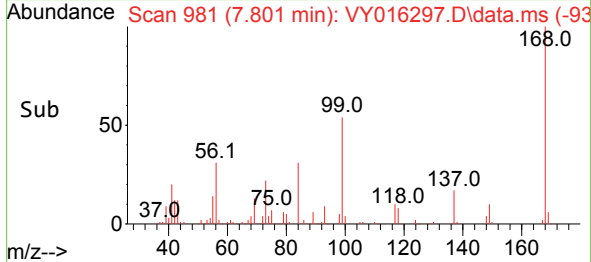
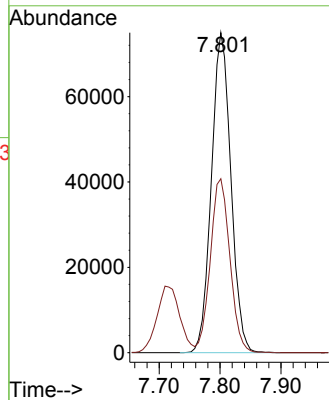
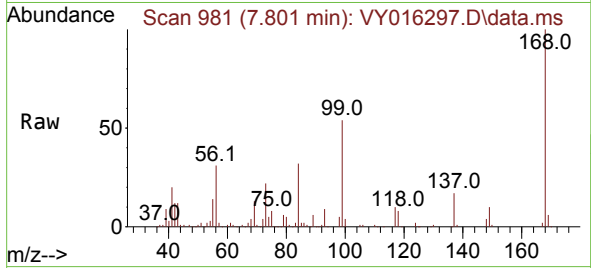
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

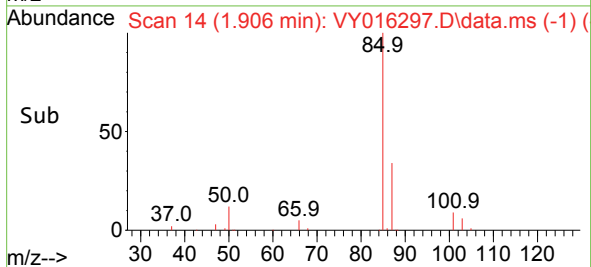
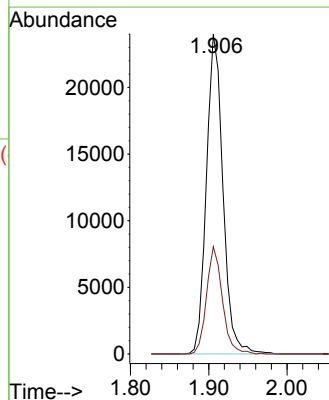
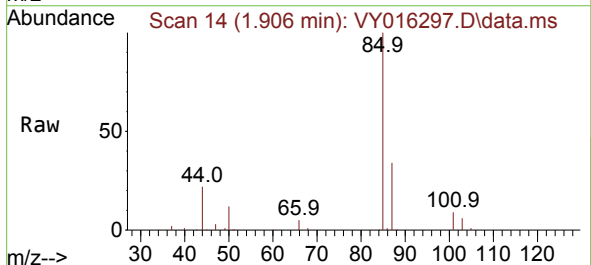
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

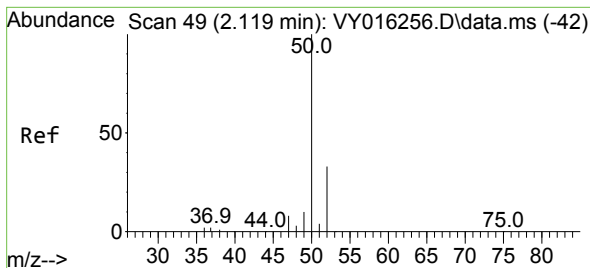
Tgt Ion:168 Resp: 166675
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.535 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 85 Resp: 35145
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.8





#3

Chloromethane

Concen: 20.504 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

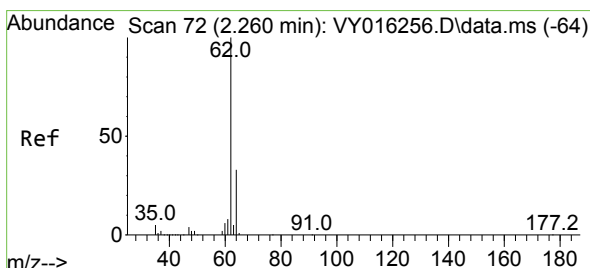
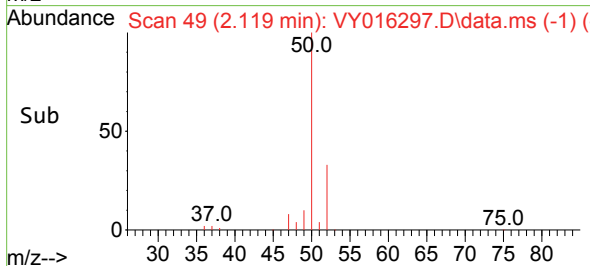
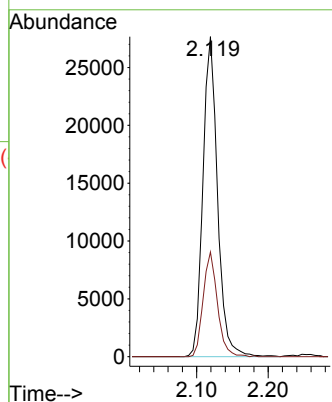
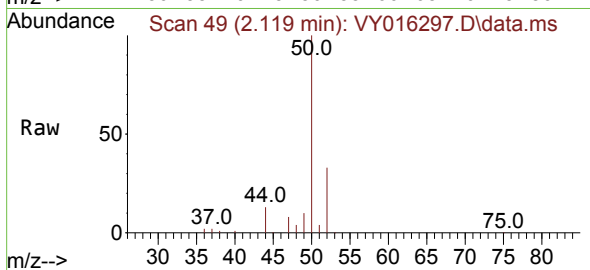
VY1110SBS01

Tgt Ion: 50 Resp: 39190

Ion Ratio Lower Upper

50 100

52 32.7 25.4 38.2



#4

Vinyl Chloride

Concen: 19.757 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.006 min

Lab File: VY016297.D

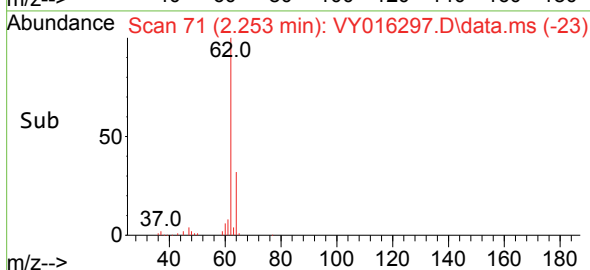
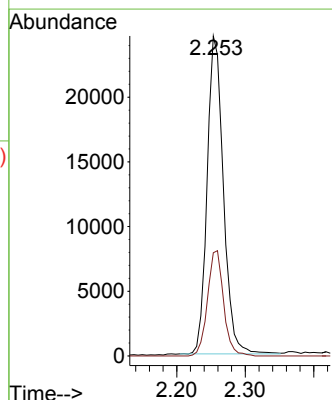
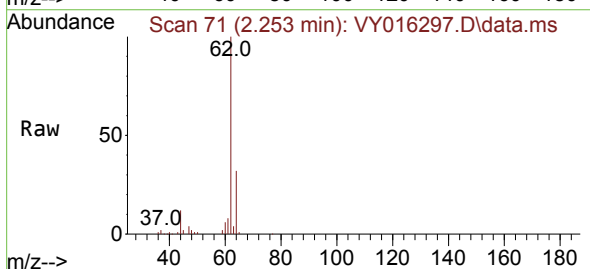
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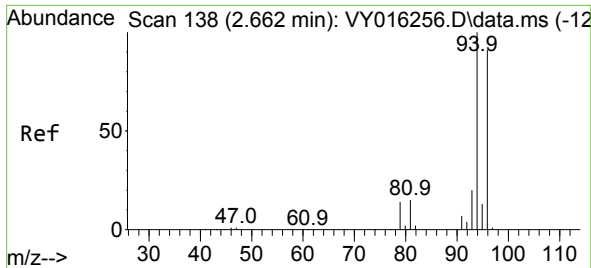
Tgt Ion: 62 Resp: 40607

Ion Ratio Lower Upper

62 100

64 32.4 24.3 36.5





#5

Bromomethane

Concen: 19.660 ug/l

RT: 2.656 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

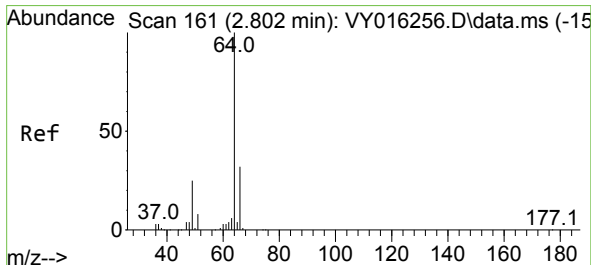
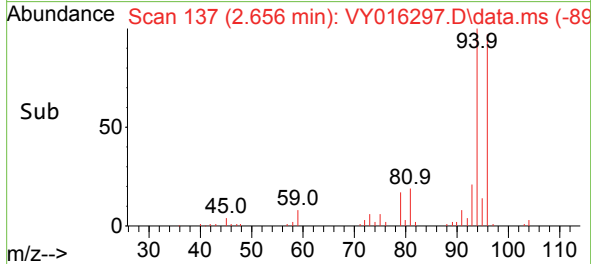
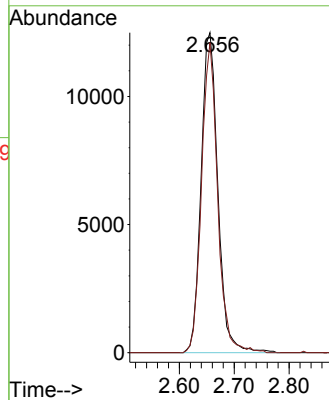
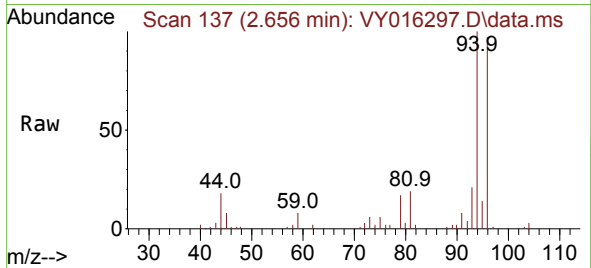
VY1110SBS01

Tgt Ion: 94 Resp: 26555

Ion Ratio Lower Upper

94 100

96 96.9 75.8 113.6



#6

Chloroethane

Concen: 19.633 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.006 min

Lab File: VY016297.D

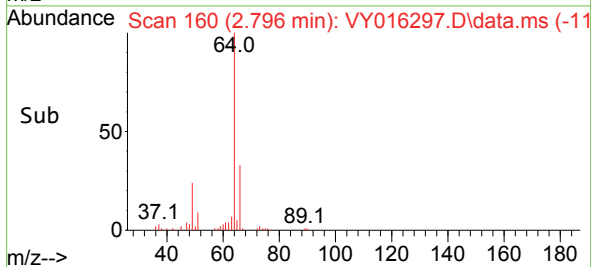
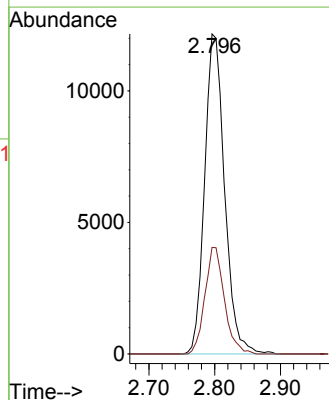
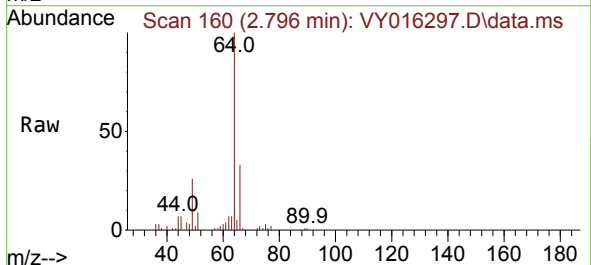
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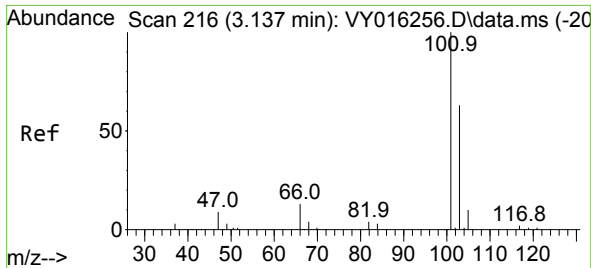
Tgt Ion: 64 Resp: 25748

Ion Ratio Lower Upper

64 100

66 33.3 24.4 36.6

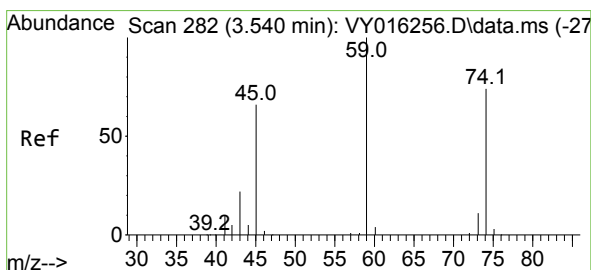
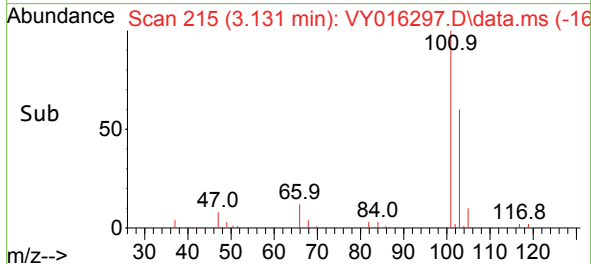
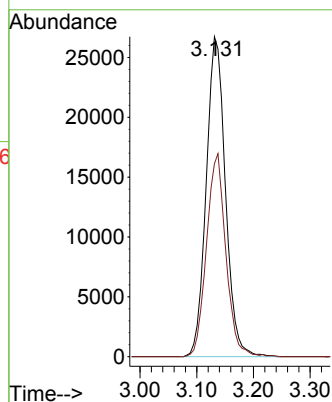
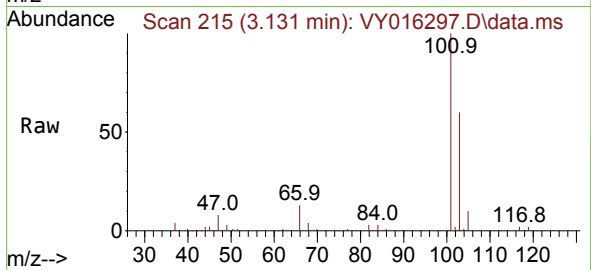




#7
Trichlorofluoromethane
Concen: 21.078 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

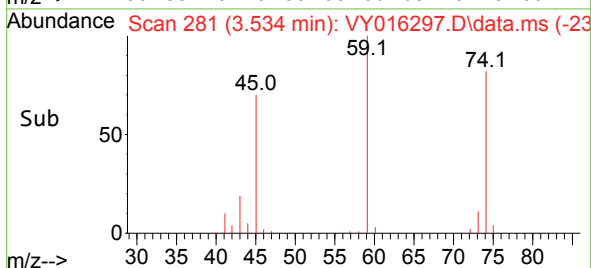
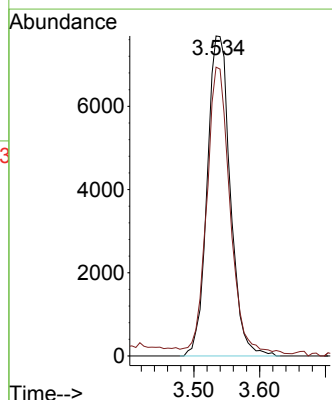
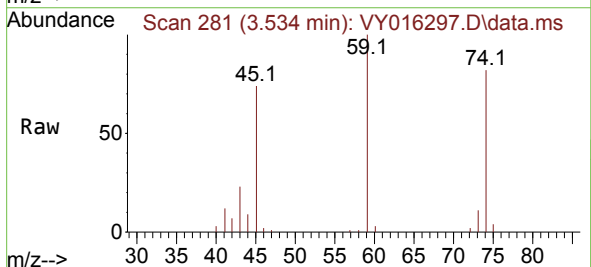
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

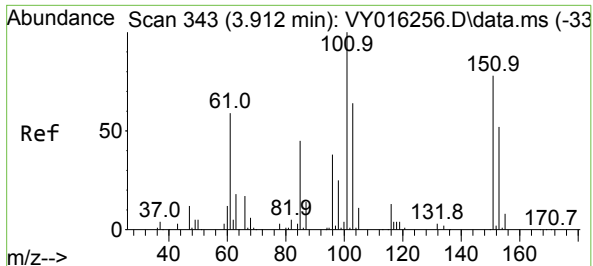
Tgt Ion:101 Resp: 63029
Ion Ratio Lower Upper
101 100
103 60.3 51.4 77.0



#8
Diethyl Ether
Concen: 20.984 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.006 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 74 Resp: 18753
Ion Ratio Lower Upper
74 100
45 90.6 51.5 154.5

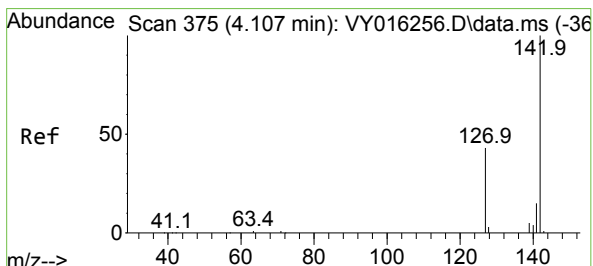
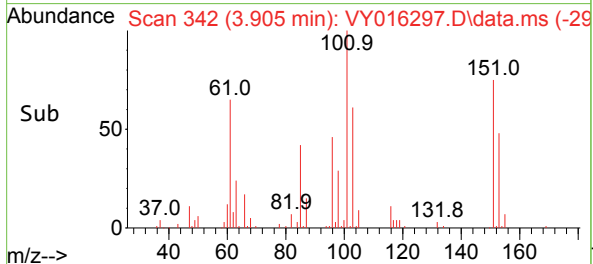
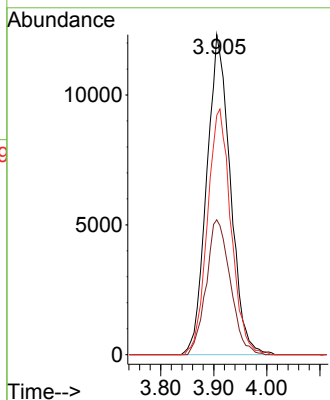
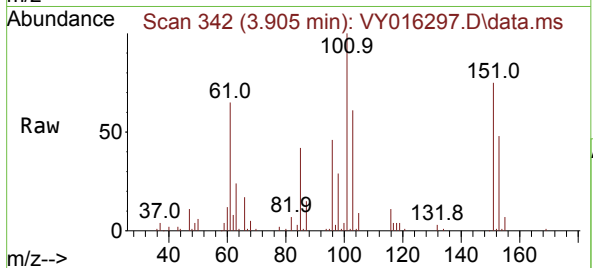




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.171 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY016297.D
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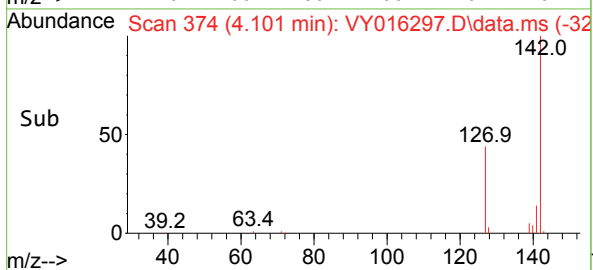
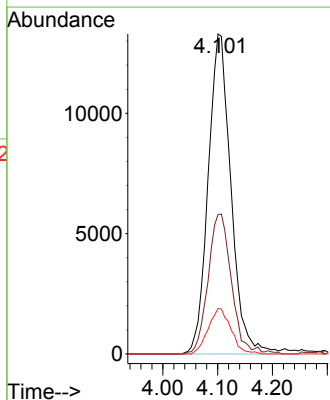
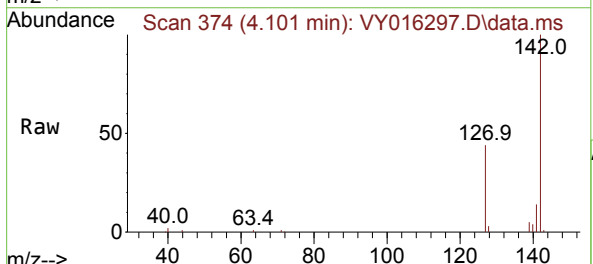
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

Tgt Ion:101 Resp: 38129
Ion Ratio Lower Upper
101 100
85 42.9 36.6 55.0
151 76.5 67.0 100.6



#10
Methyl Iodide
Concen: 19.747 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion:142 Resp: 38410
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 14.2 11.8 17.8

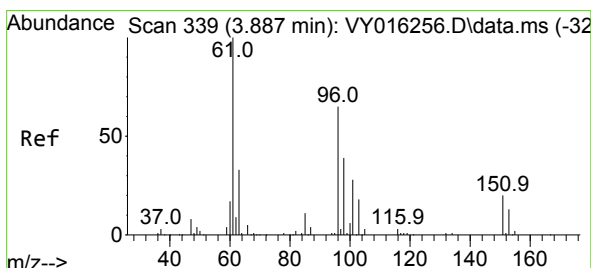
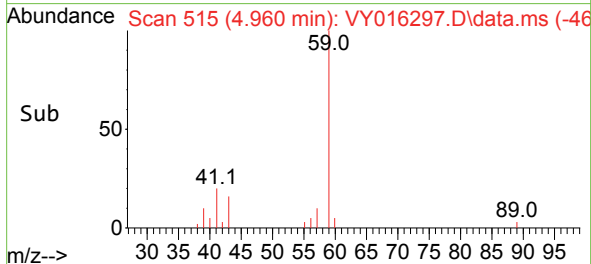
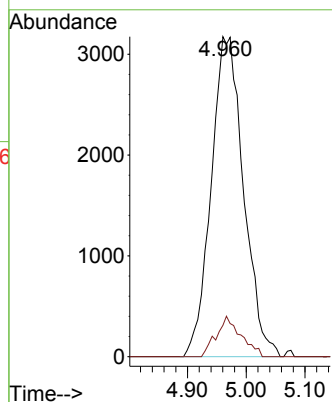
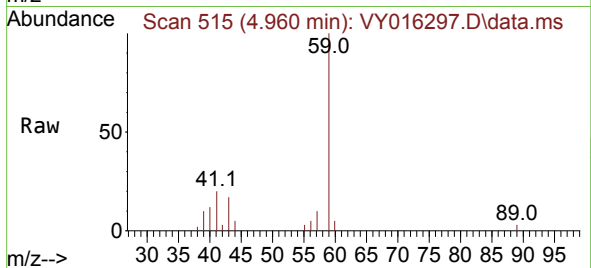




#11
Tert butyl alcohol
Concen: 102.037 ug/l
RT: 4.960 min Scan# 517
Delta R.T. -0.012 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

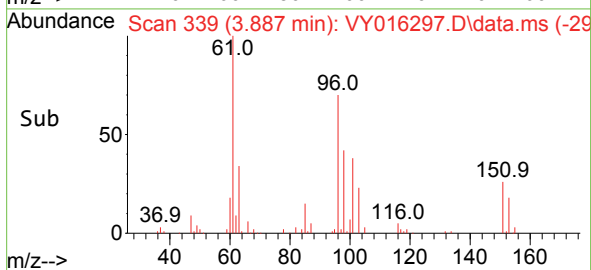
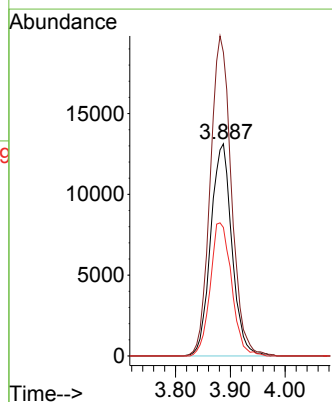
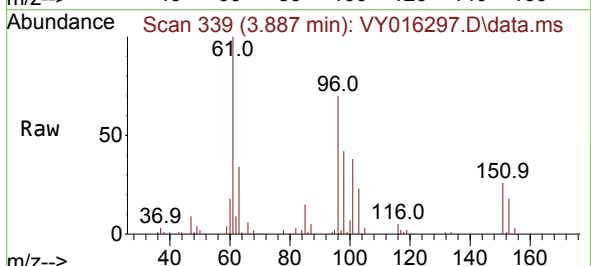
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

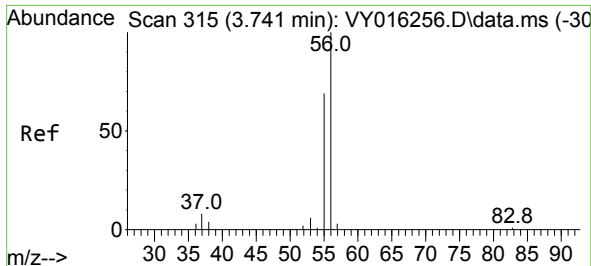
Tgt Ion: 59 Resp: 12172
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.953 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 96 Resp: 35292
Ion Ratio Lower Upper
96 100
61 143.0 136.4 204.6
98 60.6 49.4 74.2





#13

Acrolein

Concen: 103.694 ug/l

RT: 3.735 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

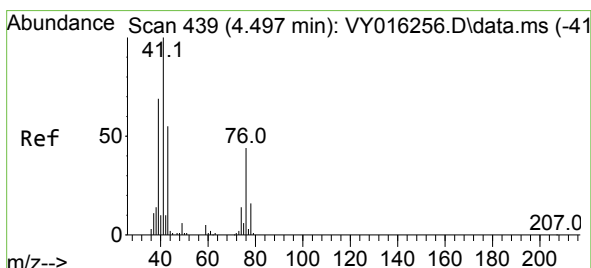
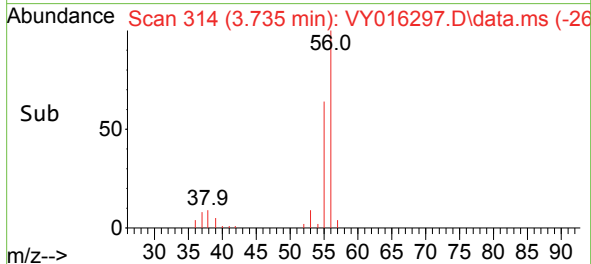
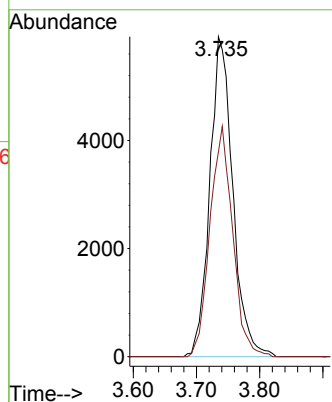
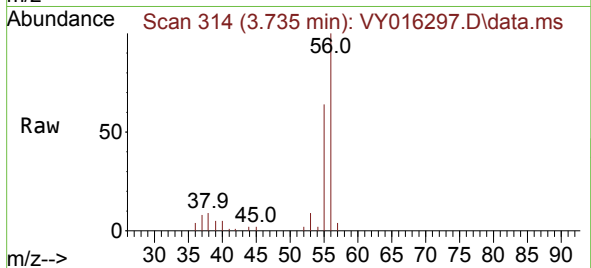
VY1110SBS01

Tgt Ion: 56 Resp: 14920

Ion Ratio Lower Upper

56 100

55 71.4 57.0 85.4



#14

Allyl chloride

Concen: 20.590 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

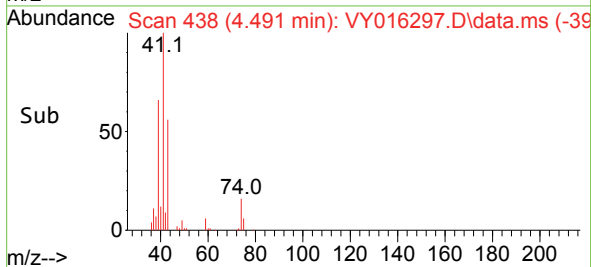
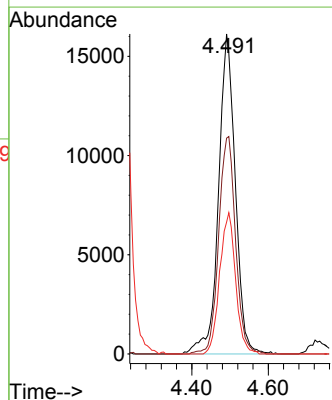
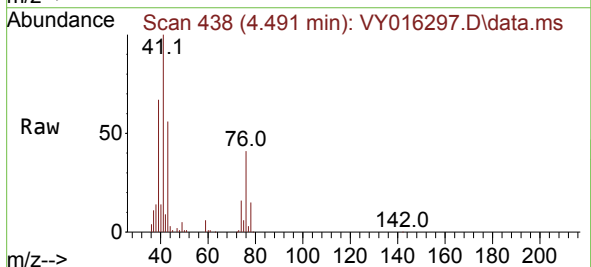
Tgt Ion: 41 Resp: 49214

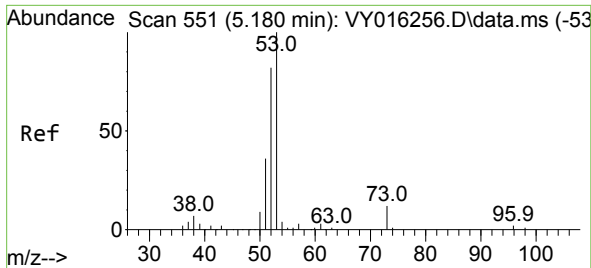
Ion Ratio Lower Upper

41 100

39 68.4 58.0 87.0

76 41.7 27.4 41.2#

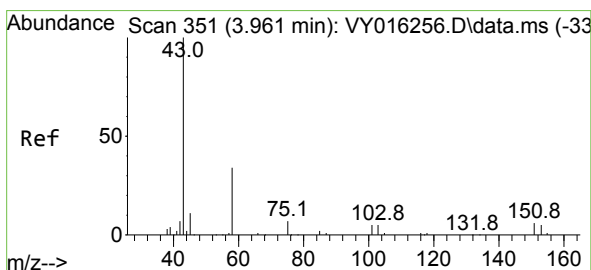
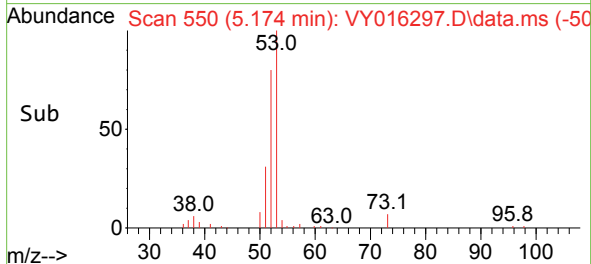
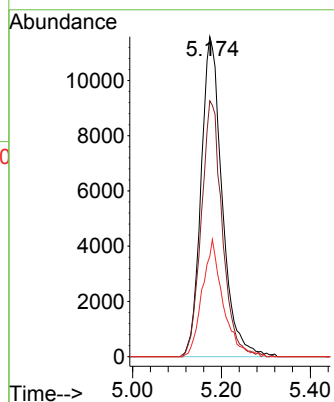
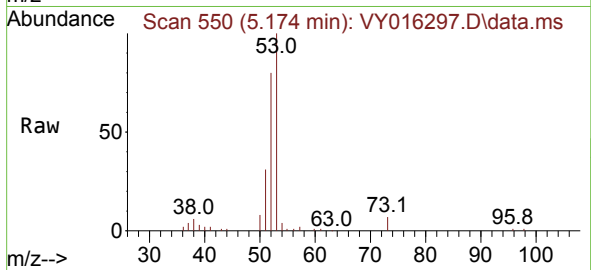




#15
Acrylonitrile
Concen: 108.165 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

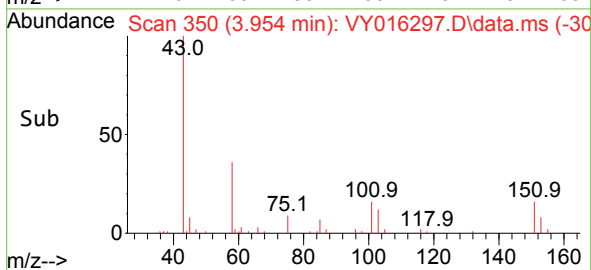
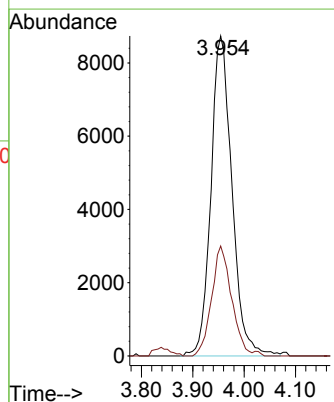
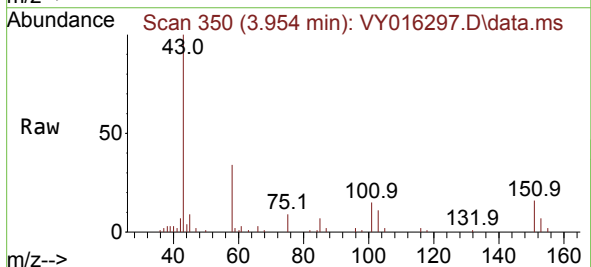
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

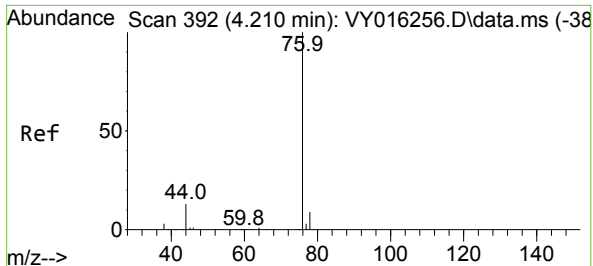
Tgt Ion: 53	Resp: 38362
Ion Ratio	Lower Upper
53	100
52	78.9 66.9 100.3
51	36.1 29.8 44.6



#16
Acetone
Concen: 98.619 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 43	Resp: 24850
Ion Ratio	Lower Upper
43	100
58	34.4 22.7 34.1#





#17

Carbon Disulfide

Concen: 19.845 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

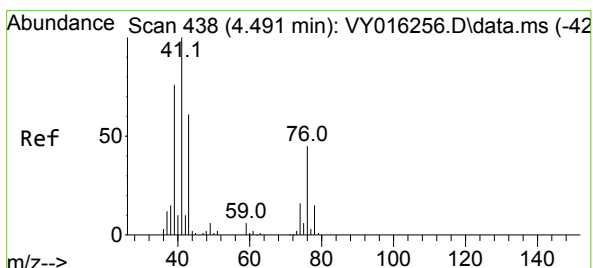
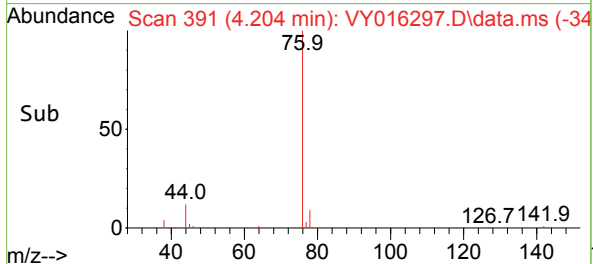
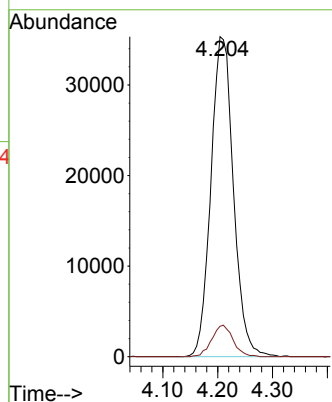
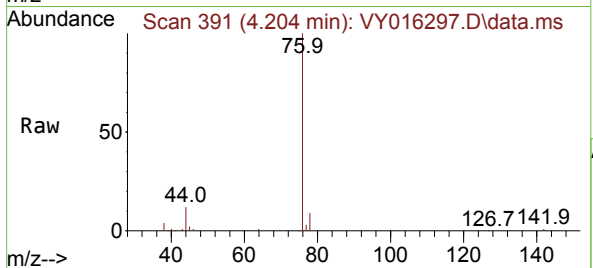
VY1110SBSD01

Tgt Ion: 76 Resp: 100849

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.4



#18

Methyl Acetate

Concen: 21.203 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY016297.D

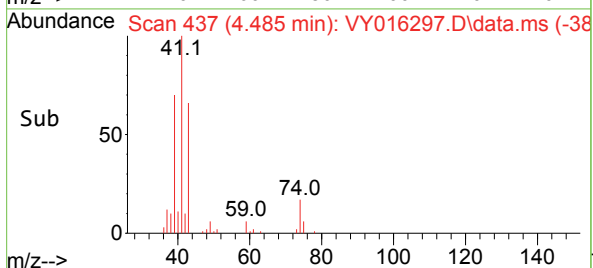
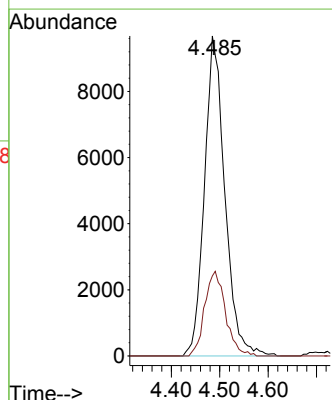
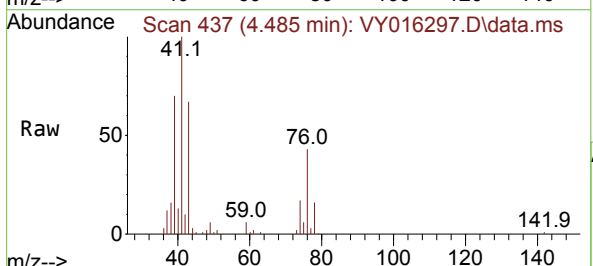
Acq: 10 Nov 2023 10:27

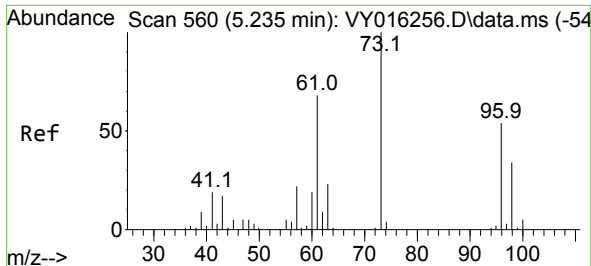
Tgt Ion: 43 Resp: 28389

Ion Ratio Lower Upper

43 100

74 27.0 17.4 26.0#

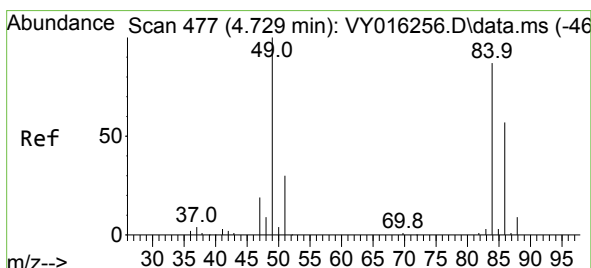
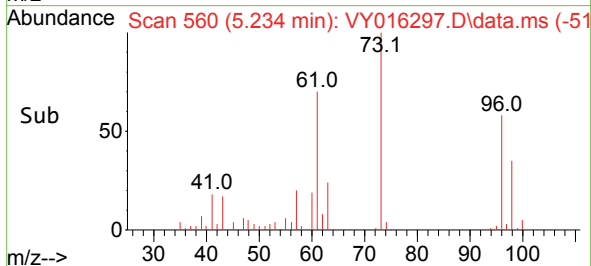
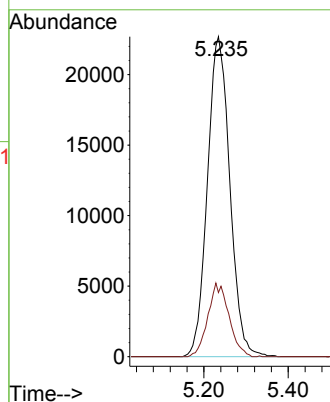
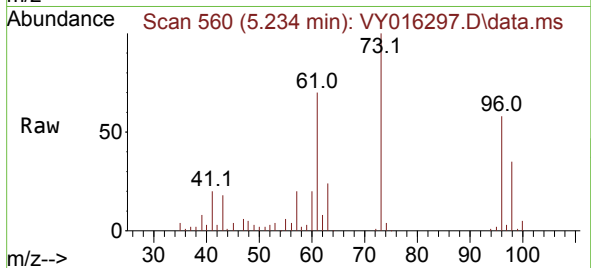




#19
Methyl tert-butyl Ether
Concen: 20.554 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

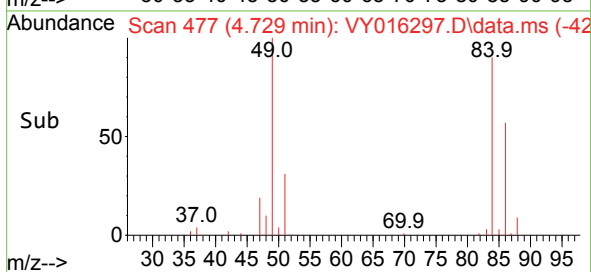
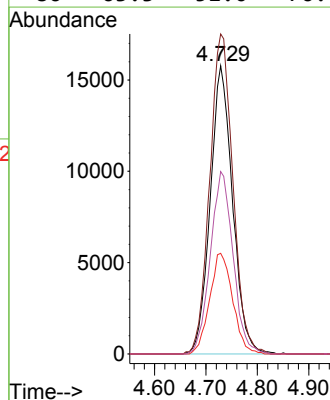
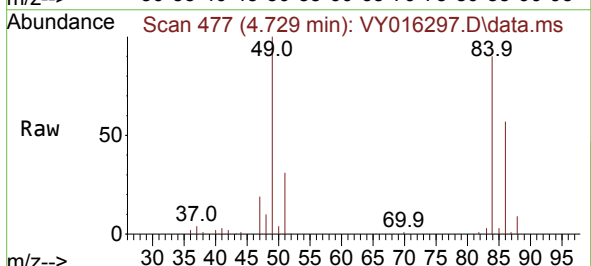
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

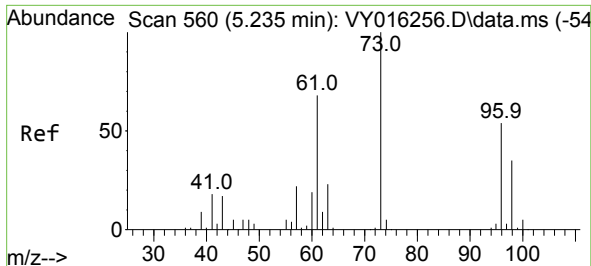
Tgt Ion: 73 Resp: 83791
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#20
Methylene Chloride
Concen: 25.019 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 84 Resp: 47632
Ion Ratio Lower Upper
84 100
49 111.1 106.9 160.3
51 34.9 33.2 49.8
86 63.3 51.0 76.6

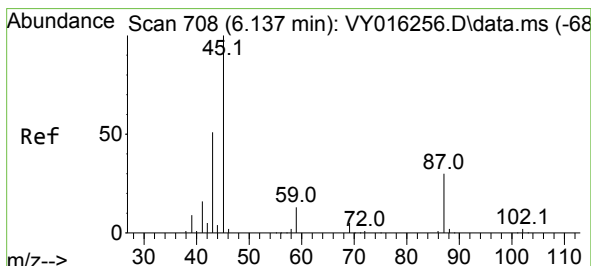
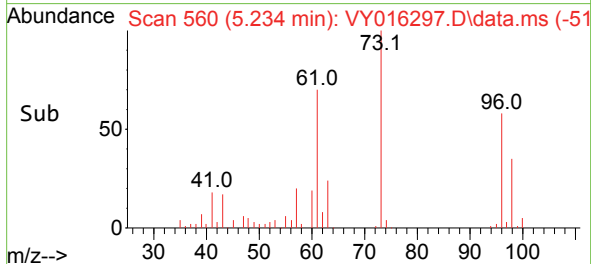
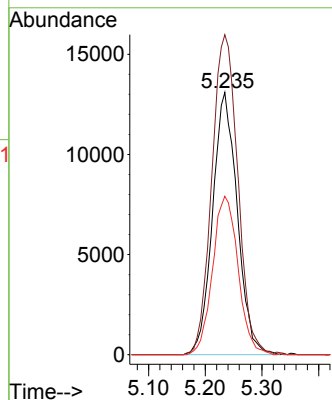
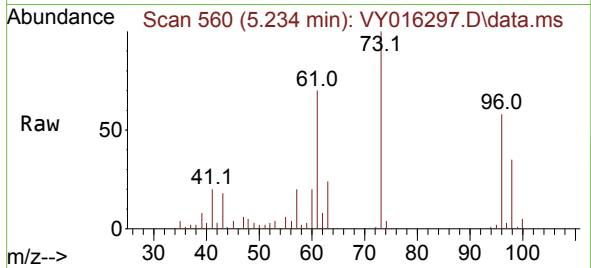




#21
trans-1,2-Dichloroethene
Concen: 20.403 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

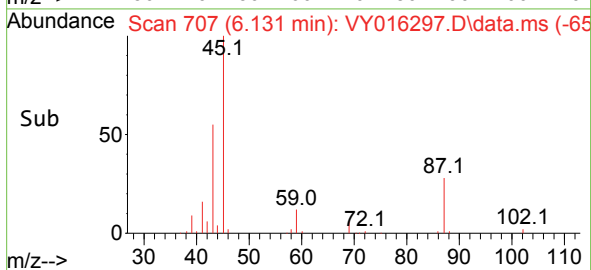
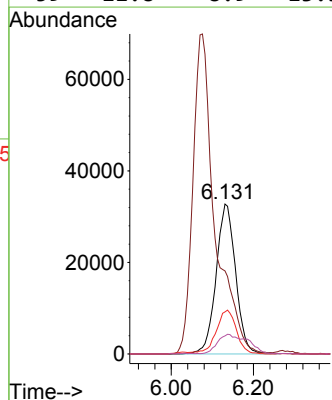
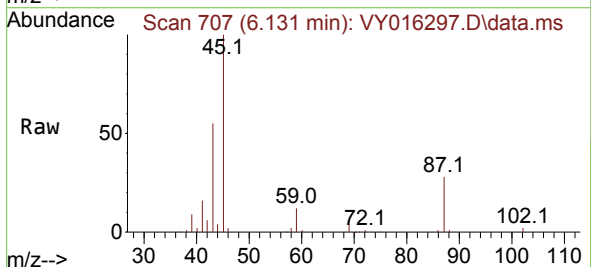
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

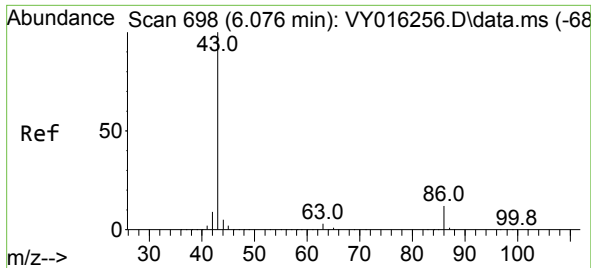
Tgt Ion: 96 Resp: 39567
Ion Ratio Lower Upper
96 100
61 122.0 110.2 165.4
98 60.4 51.8 77.6



#22
Diisopropyl ether
Concen: 21.039 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 45 Resp: 108374
Ion Ratio Lower Upper
45 100
43 53.2 52.2 78.4
87 27.9 21.0 31.6
59 11.8 8.9 13.3





#23

Vinyl Acetate

Concen: 104.323 ug/l

RT: 6.076 min Scan# 698

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

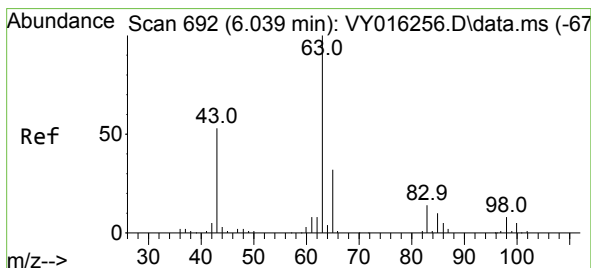
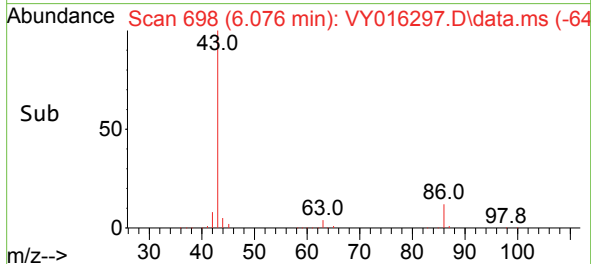
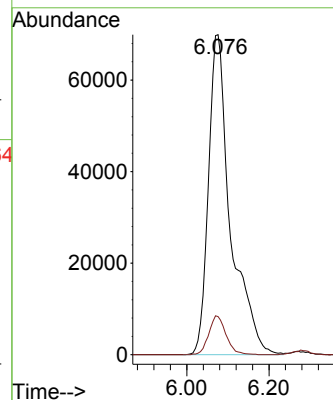
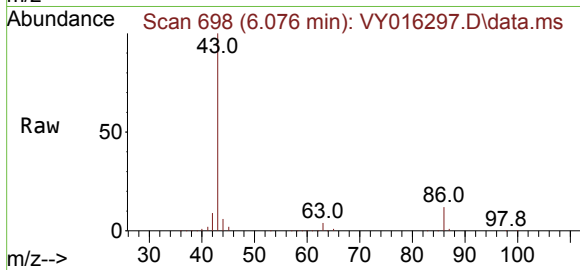
VY1110SBS01

Tgt Ion: 43 Resp: 260381

Ion Ratio Lower Upper

43 100

86 11.9 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 20.792 ug/l

RT: 6.033 min Scan# 691

Delta R.T. -0.006 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

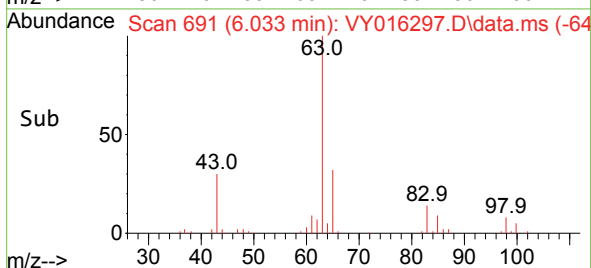
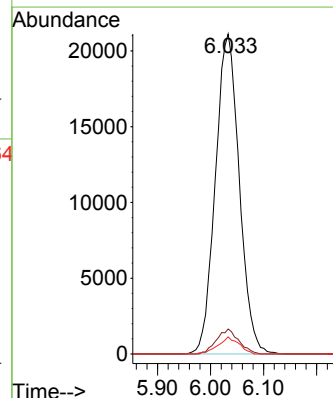
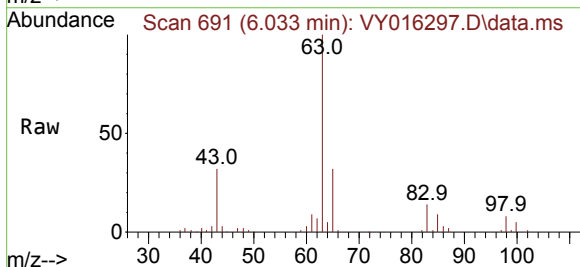
Tgt Ion: 63 Resp: 66072

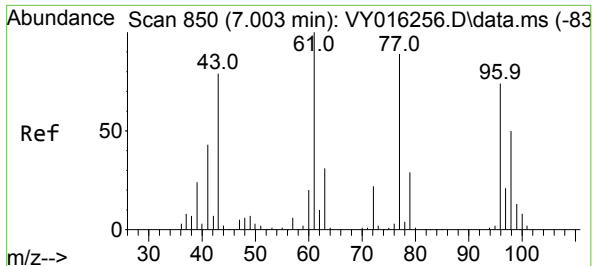
Ion Ratio Lower Upper

63 100

98 7.8 3.1 9.4

100 5.3 1.8 5.5





#25

2-Butanone

Concen: 101.136 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

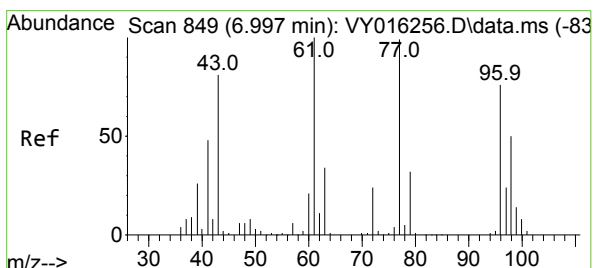
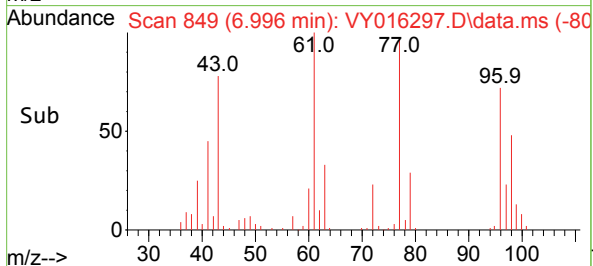
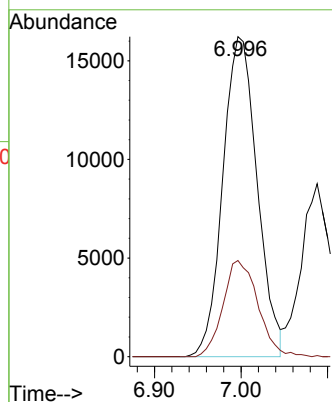
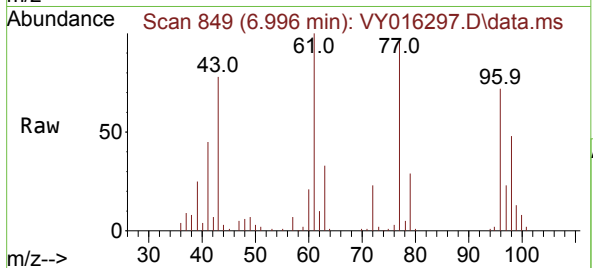
VY1110SBSD01

Tgt Ion: 43 Resp: 44637

Ion Ratio Lower Upper

43 100

72 30.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.552 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016297.D

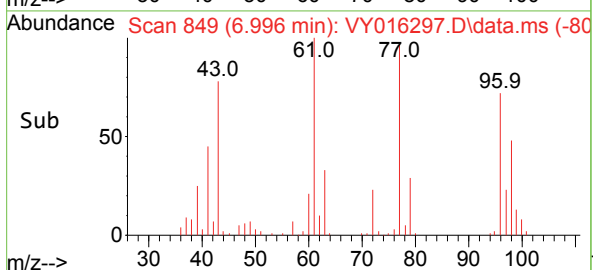
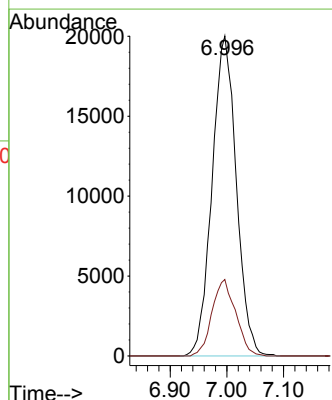
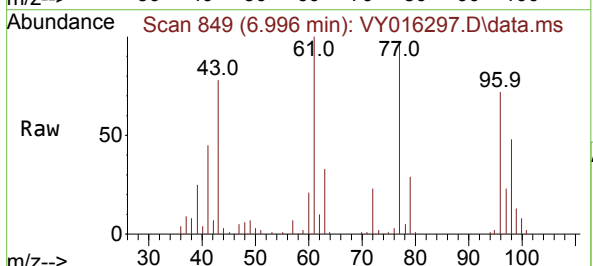
Acq: 10 Nov 2023 10:27

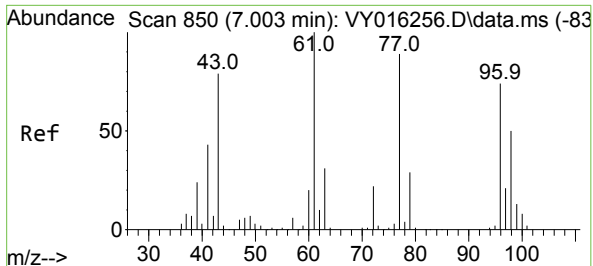
Tgt Ion: 77 Resp: 59440

Ion Ratio Lower Upper

77 100

97 23.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.587 ug/l

RT: 7.002 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBSD01

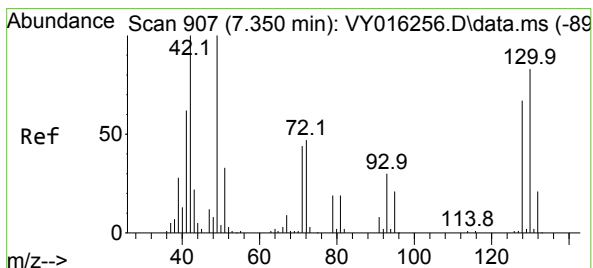
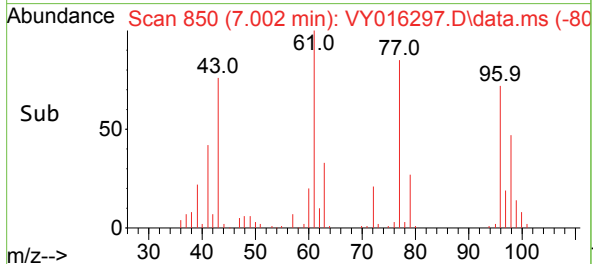
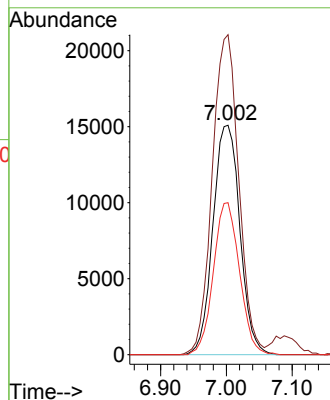
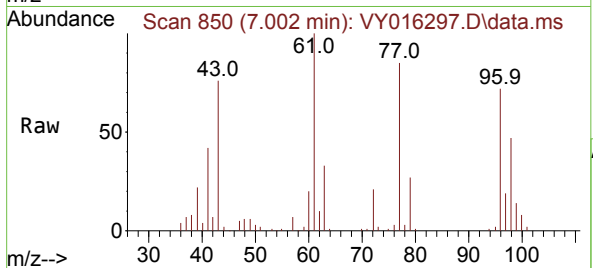
Tgt Ion: 96 Resp: 43025

Ion Ratio Lower Upper

96 100

61 137.4 0.0 301.4

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 20.793 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

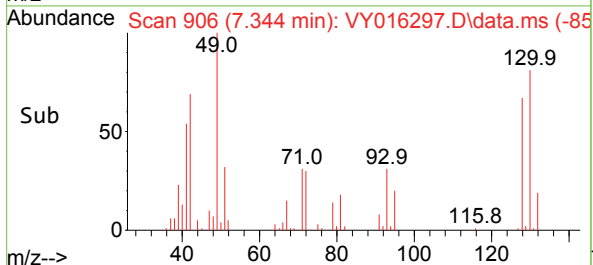
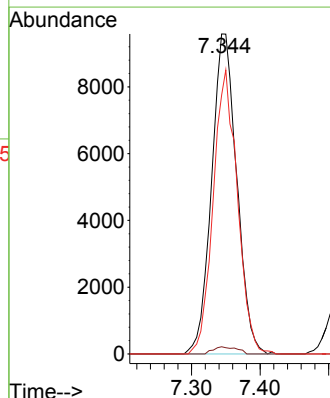
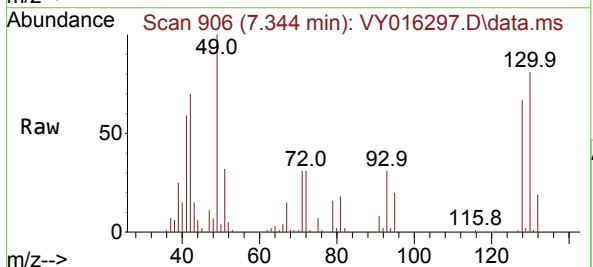
Tgt Ion: 49 Resp: 24455

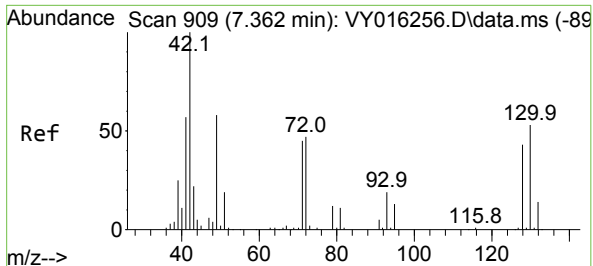
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 85.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 108.168 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

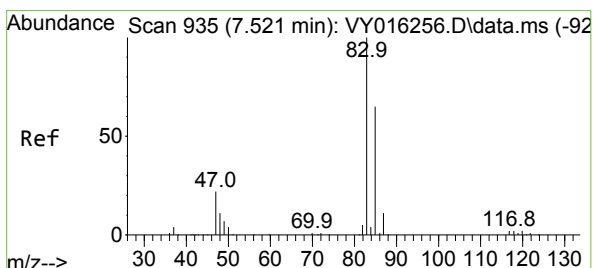
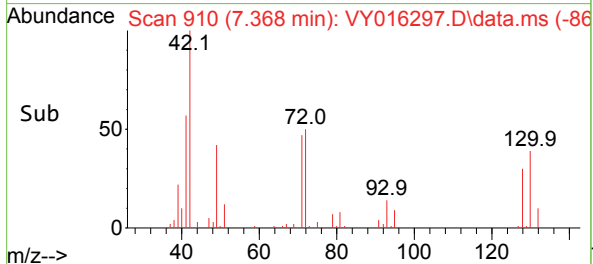
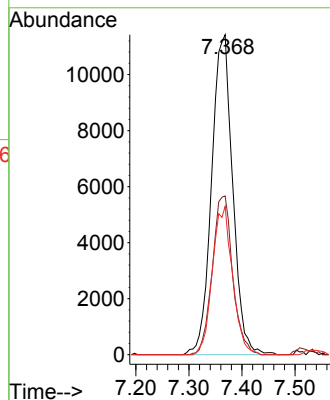
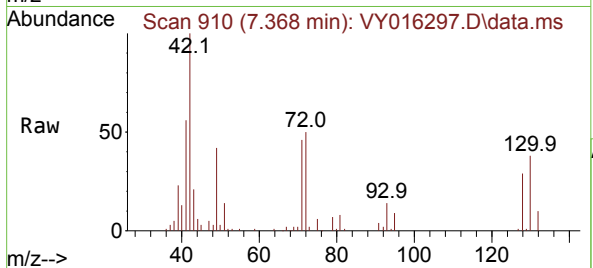
Tgt Ion: 42 Resp: 31555

Ion Ratio Lower Upper

42 100

72 48.0 32.8 49.2

71 44.2 31.0 46.4



#30

Chloroform

Concen: 20.474 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016297.D

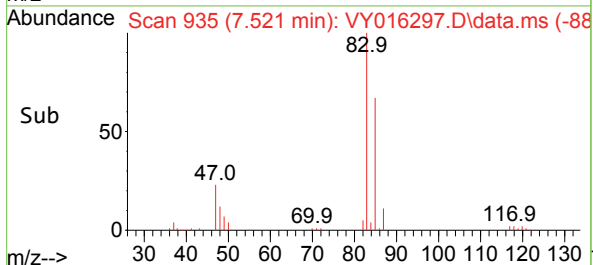
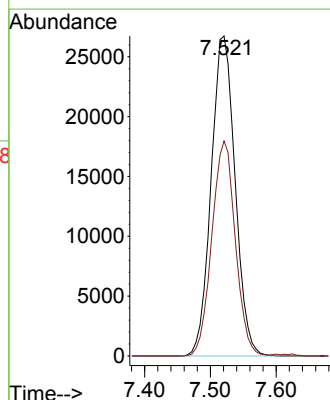
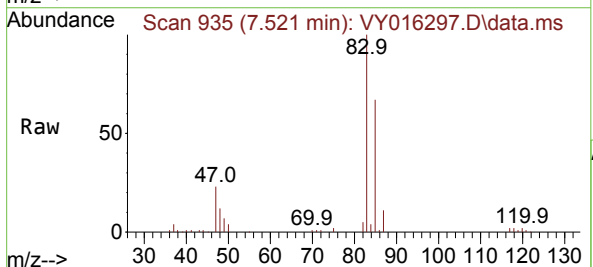
Acq: 10 Nov 2023 10:27

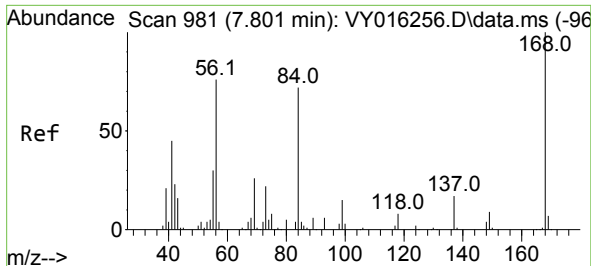
Tgt Ion: 83 Resp: 67724

Ion Ratio Lower Upper

83 100

85 67.2 49.7 74.5

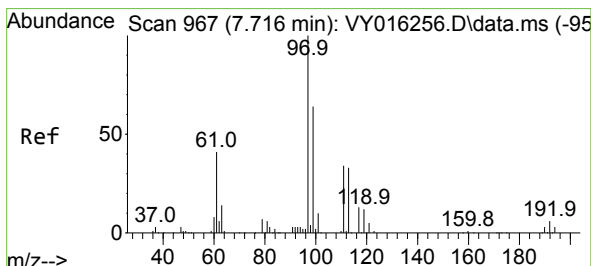
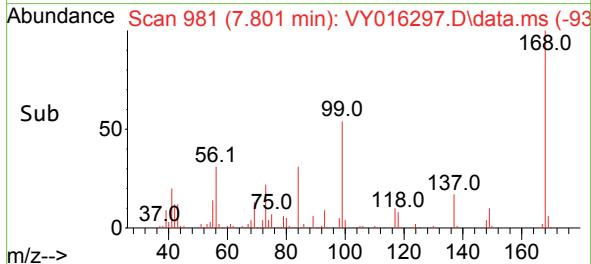
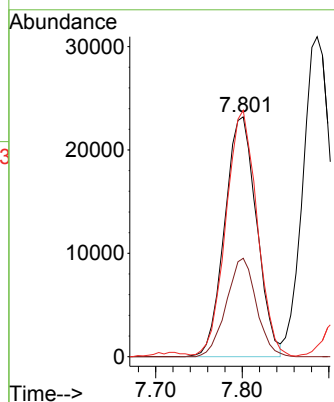
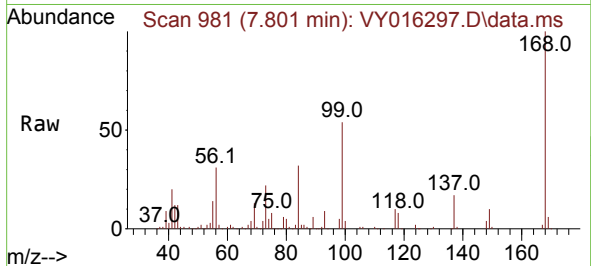




#31
Cyclohexane
Concen: 19.882 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

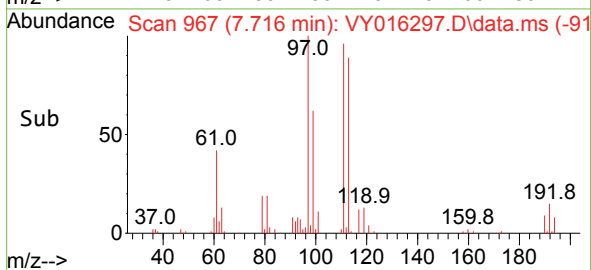
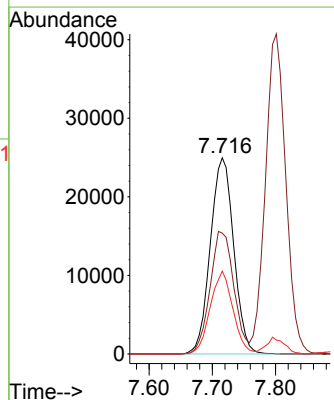
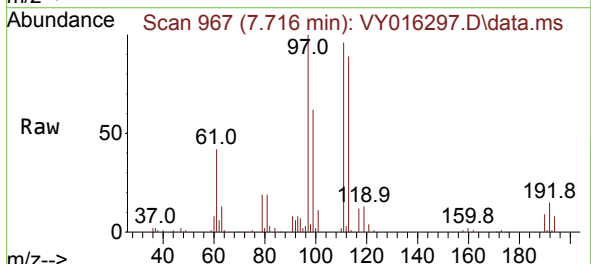
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

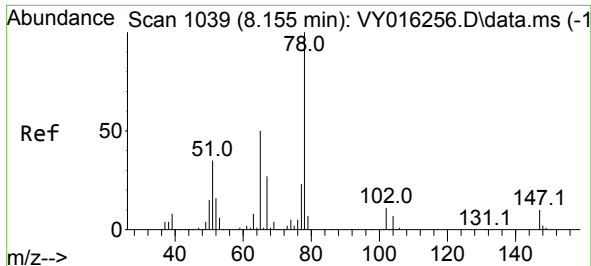
Tgt Ion: 56 Resp: 59631
Ion Ratio Lower Upper
56 100
69 41.0 27.8 41.6
84 101.5 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 21.120 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 97 Resp: 64036
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 41.0 35.1 52.7

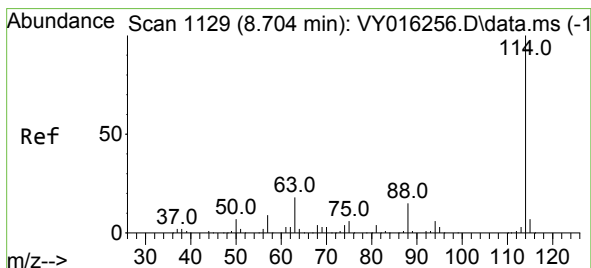
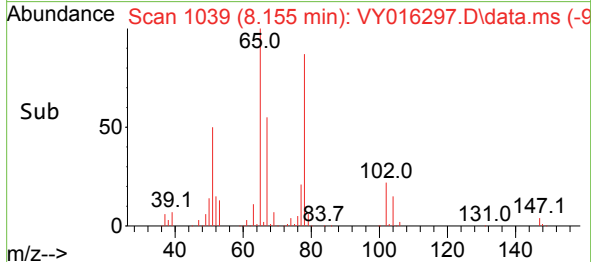
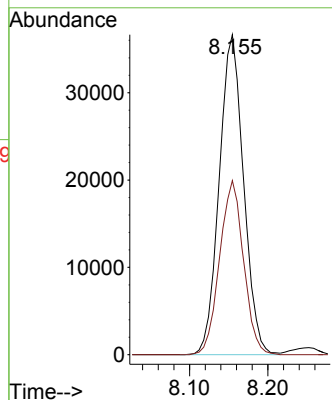
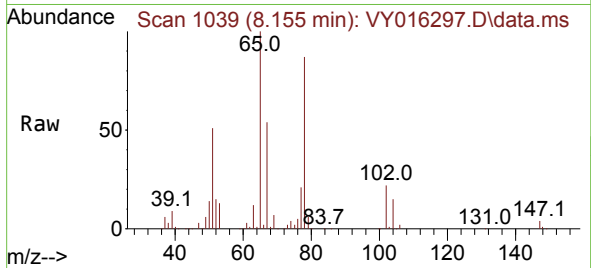




#33
 1,2-Dichloroethane-d4
 Concen: 51.951 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016297.D
 Acq: 10 Nov 2023 10:27

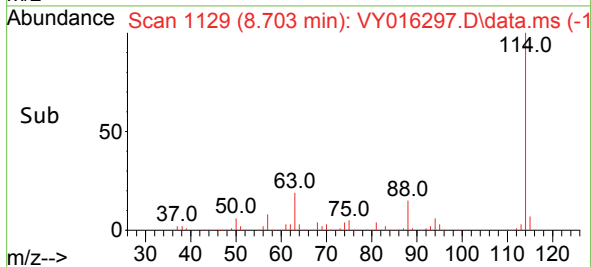
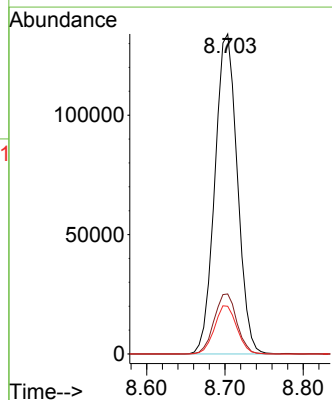
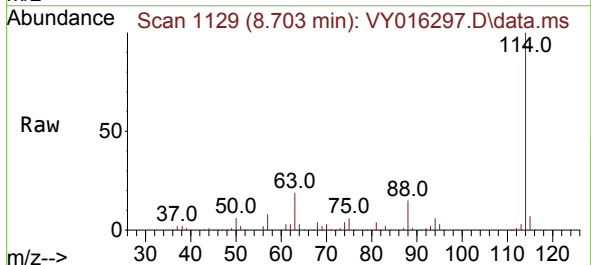
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBSD01

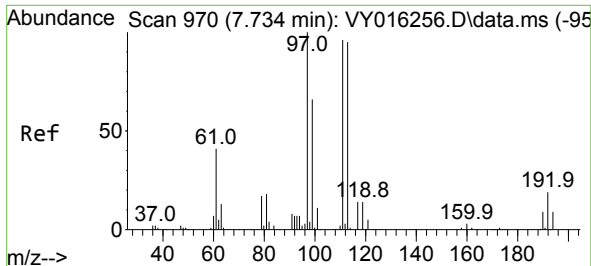
Tgt Ion: 65 Resp: 79140
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016297.D
 Acq: 10 Nov 2023 10:27

Tgt Ion:114 Resp: 267599
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 14.9 0.0 30.6

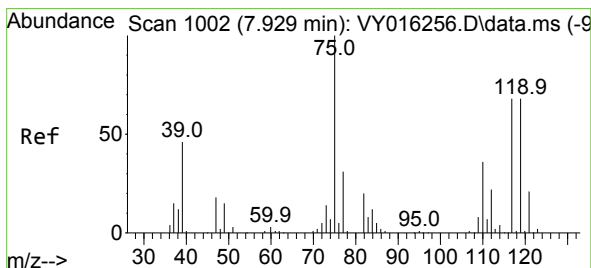
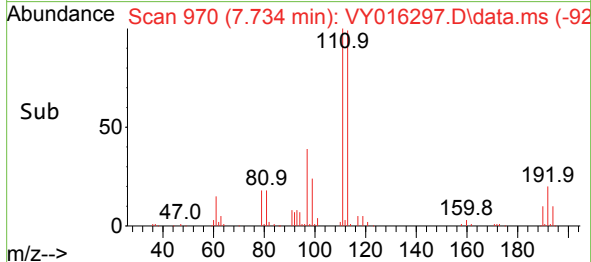
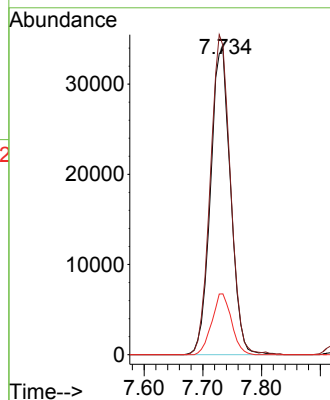
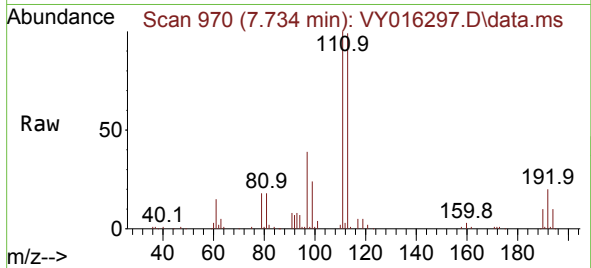




#35
Dibromofluoromethane
Concen: 53.060 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

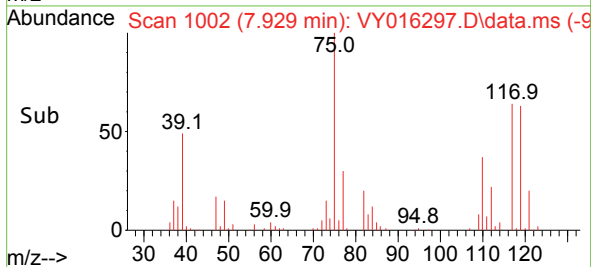
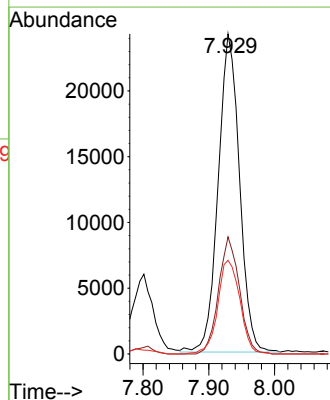
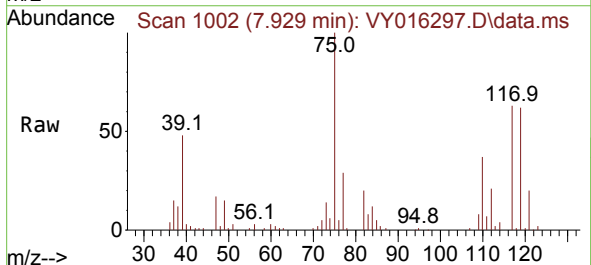
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

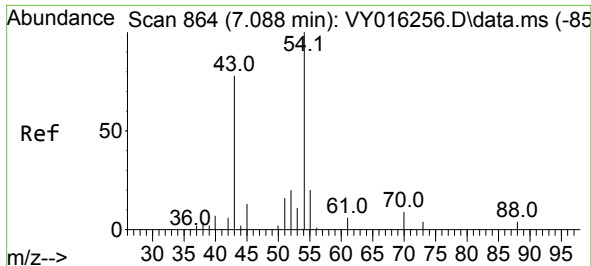
Tgt Ion:113 Resp: 80658
Ion Ratio Lower Upper
113 100
111 104.7 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.652 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 75 Resp: 54513
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 30.7 24.4 36.6

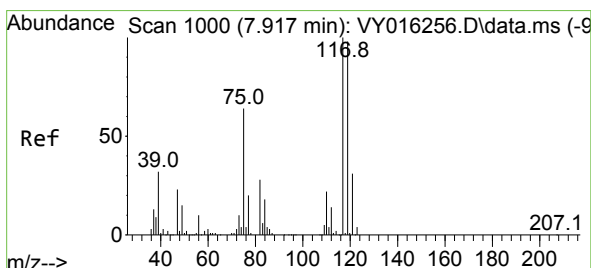
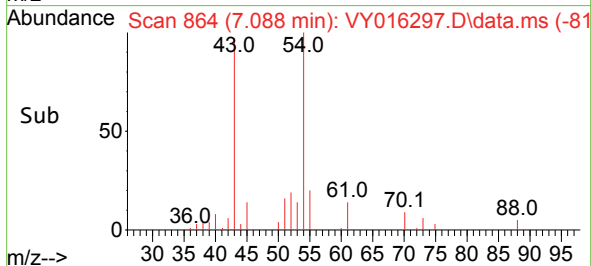
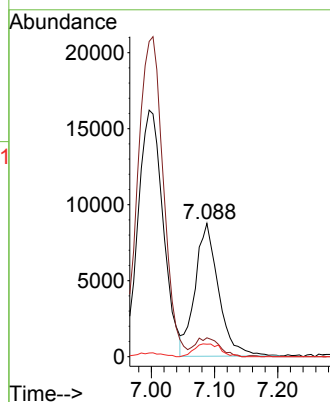
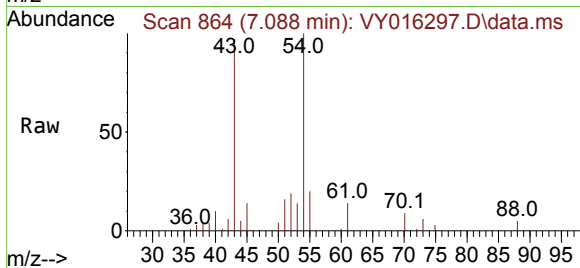




#37
Ethyl Acetate
Concen: 21.181 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

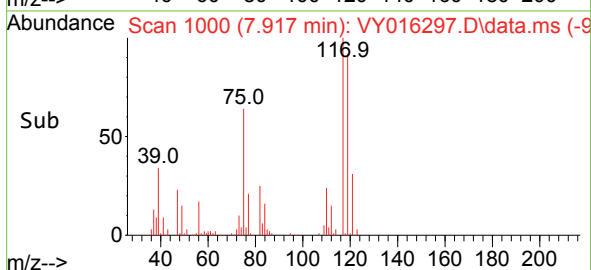
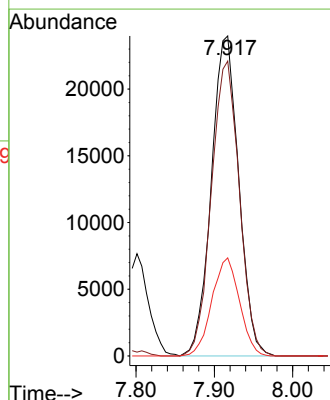
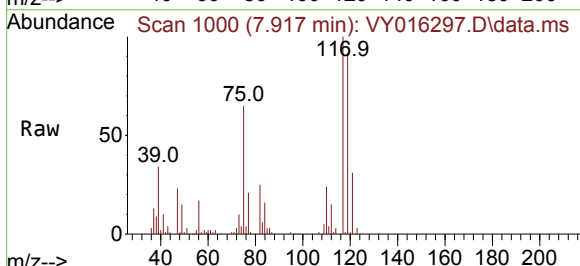
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

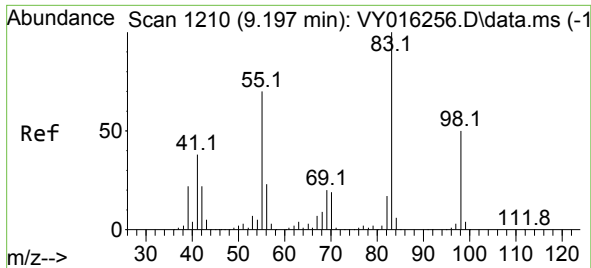
Tgt Ion: 43 Resp: 22590
Ion Ratio Lower Upper
43 100
61 14.9 10.1 15.1
70 10.9 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 21.301 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 117 Resp: 58355
Ion Ratio Lower Upper
117 100
119 92.2 76.4 114.6
121 30.7 25.8 38.6

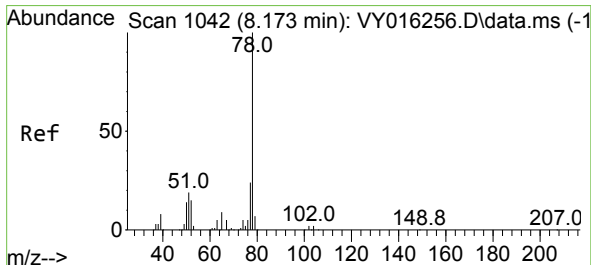
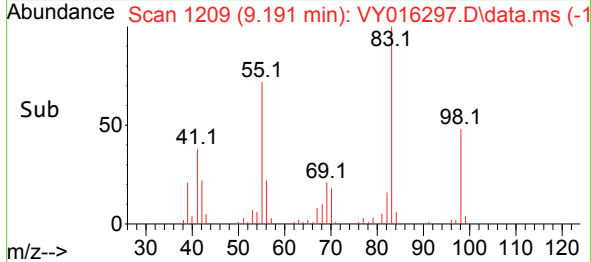
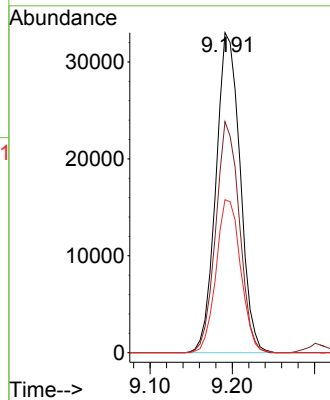
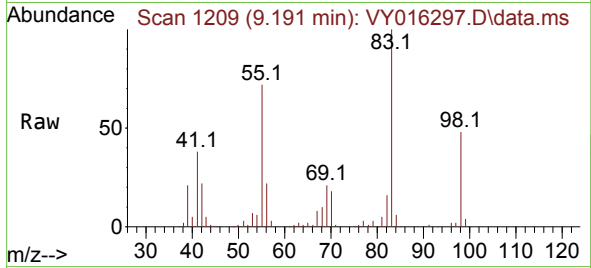




#39
Methylcyclohexane
Concen: 20.478 ug/l
RT: 9.191 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

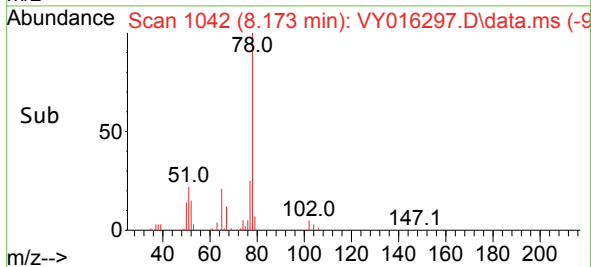
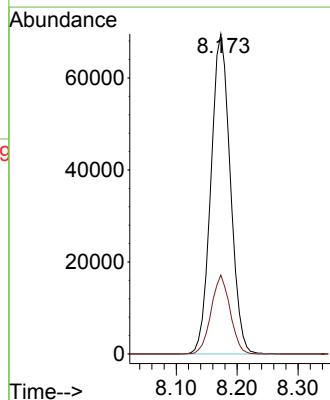
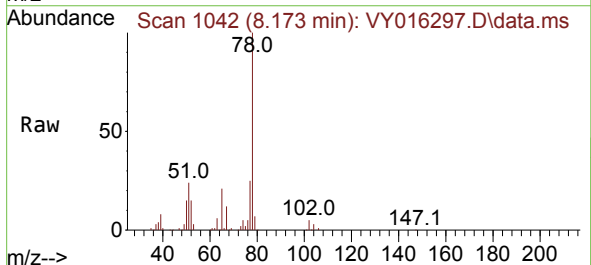
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

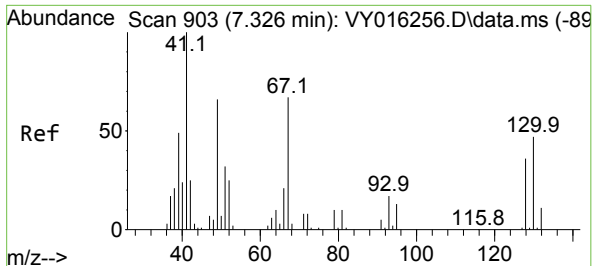
Tgt Ion: 83 Resp: 67355
Ion Ratio Lower Upper
83 100
55 72.2 63.0 94.4
98 47.8 37.4 56.2



#40
Benzene
Concen: 20.739 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 78 Resp: 153798
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6

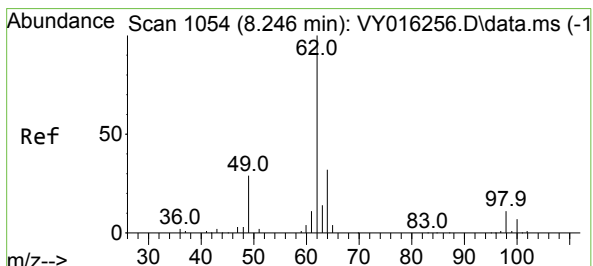
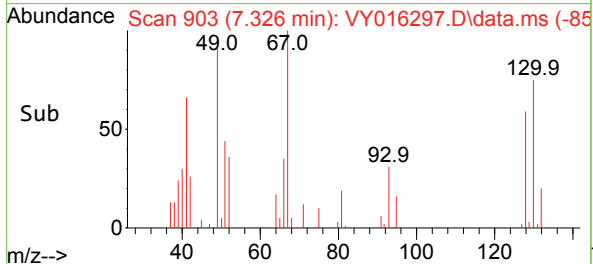
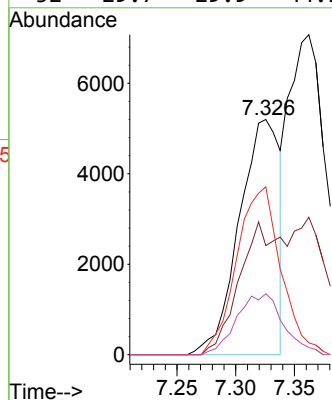
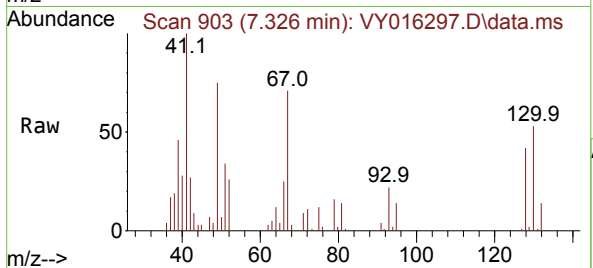




#41
Methacrylonitrile
Concen: 23.223 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

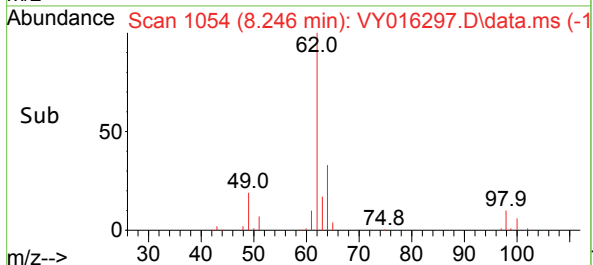
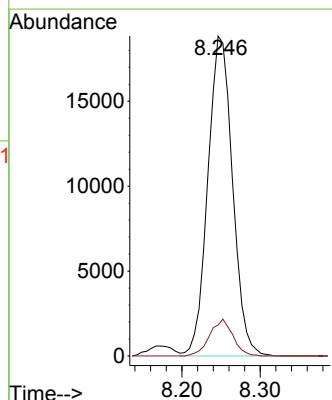
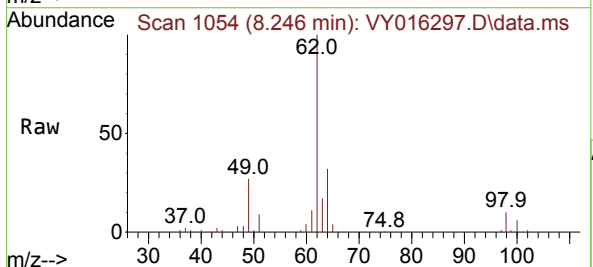
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

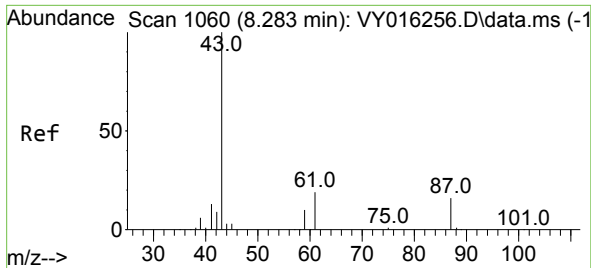
Tgt Ion: 41 Resp: 12488
Ion Ratio Lower Upper
41 100
39 46.4 52.1 78.1#
67 77.7 66.2 99.2
52 29.7 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 21.481 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 62 Resp: 41276
Ion Ratio Lower Upper
62 100
98 10.8 0.0 15.8

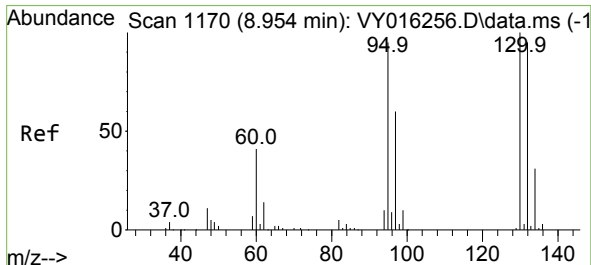
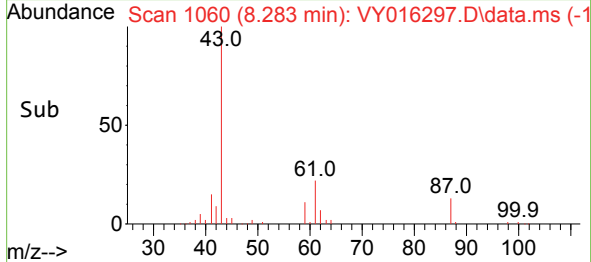
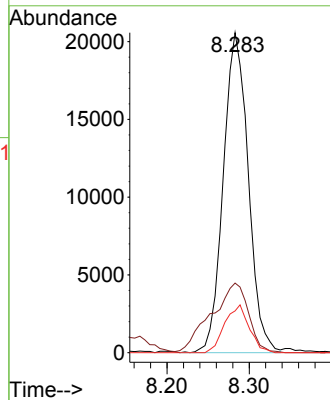
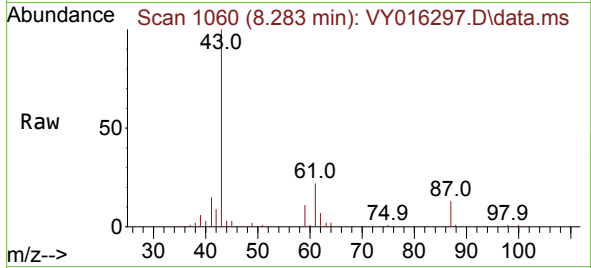




#43
Isopropyl Acetate
Concen: 21.065 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

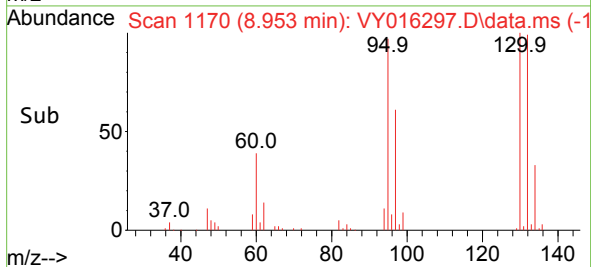
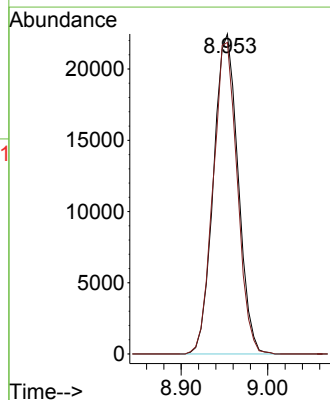
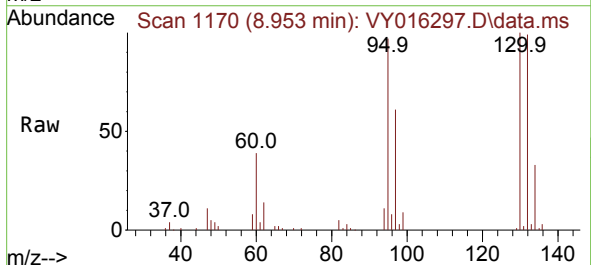
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

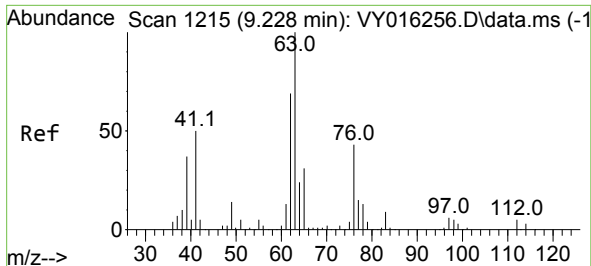
Tgt Ion: 43 Resp: 43427
Ion Ratio Lower Upper
43 100
61 32.4 21.1 31.7#
87 14.6 9.8 14.8



#44
Trichloroethene
Concen: 20.769 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 130 Resp: 44266
Ion Ratio Lower Upper
130 100
95 97.4 0.0 196.0

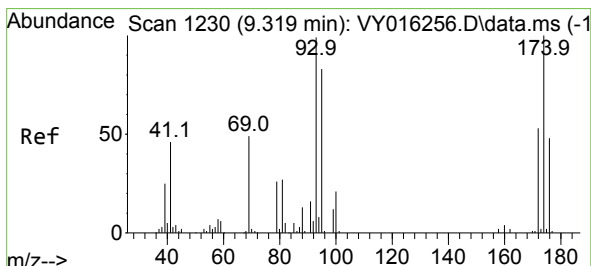
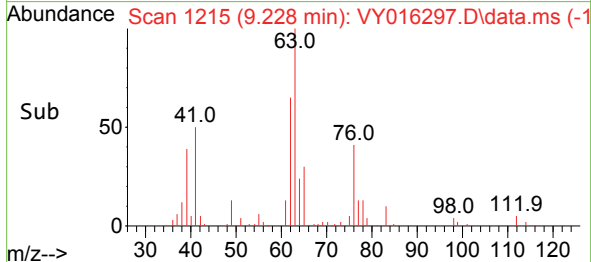
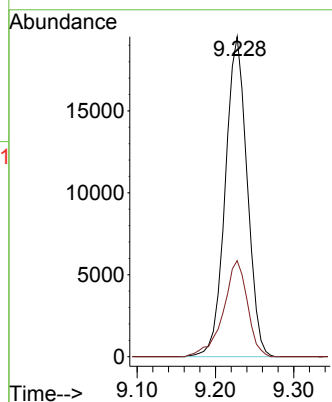
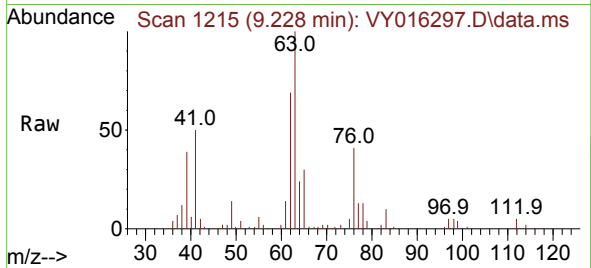




#45
1,2-Dichloropropane
Concen: 21.251 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

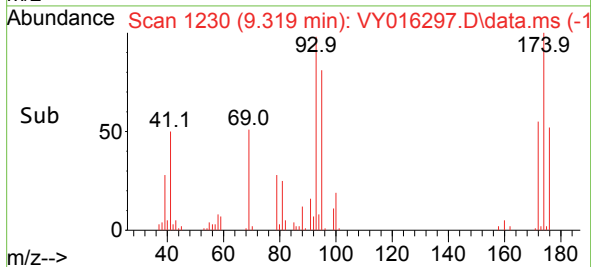
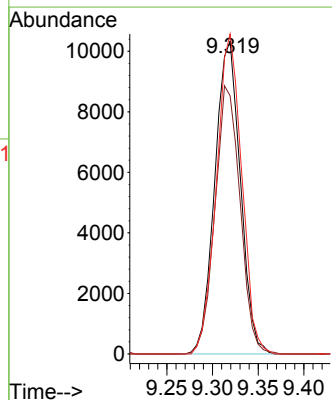
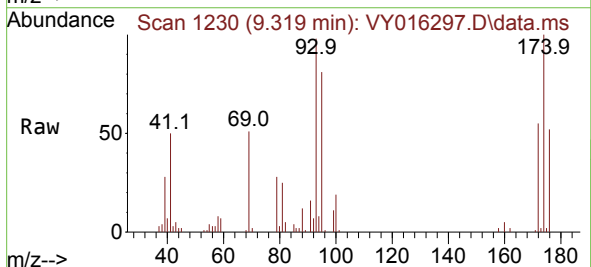
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

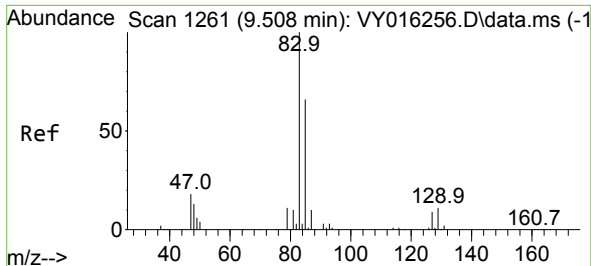
Tgt Ion: 63 Resp: 37849
Ion Ratio Lower Upper
63 100
65 30.0 23.8 35.6



#46
Dibromomethane
Concen: 20.760 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 93 Resp: 20036
Ion Ratio Lower Upper
93 100
95 84.5 66.6 100.0
174 101.4 84.8 127.2

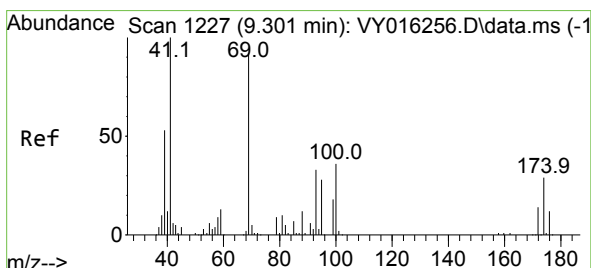
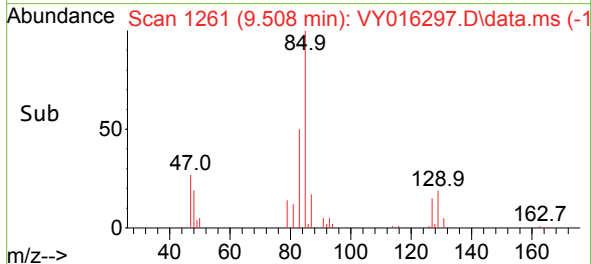
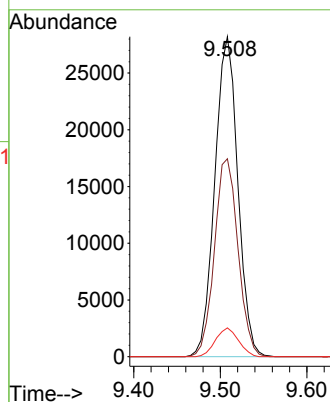
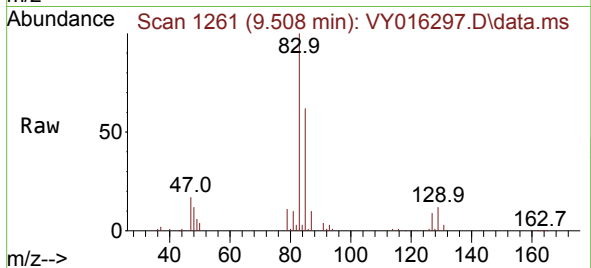




#47
Bromodichloromethane
Concen: 20.980 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

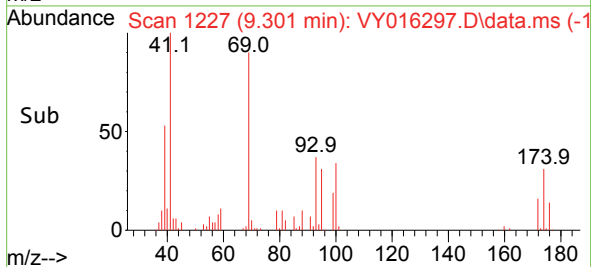
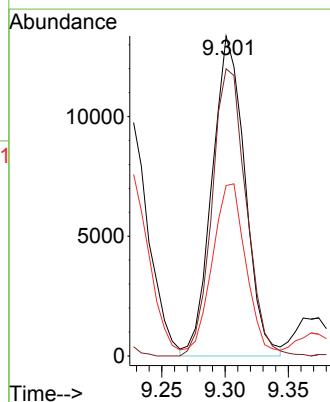
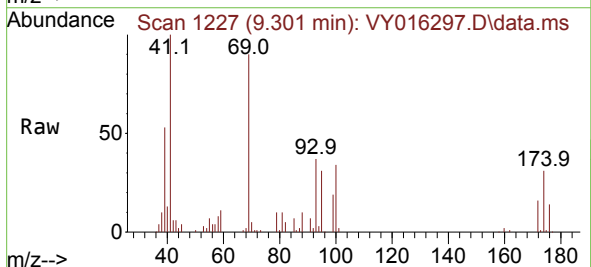
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

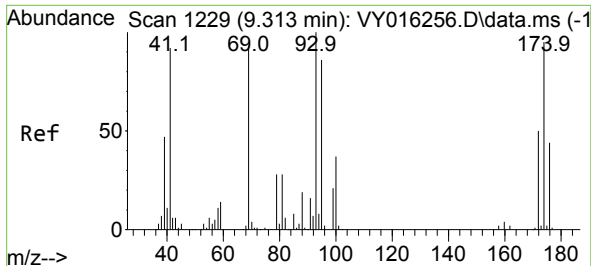
Tgt Ion: 83 Resp: 52056
Ion Ratio Lower Upper
83 100
85 61.9 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 21.221 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 41 Resp: 24178
Ion Ratio Lower Upper
41 100
69 92.7 64.5 96.7
39 52.1 50.8 76.2





#49

1,4-Dioxane

Concen: 423.274 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

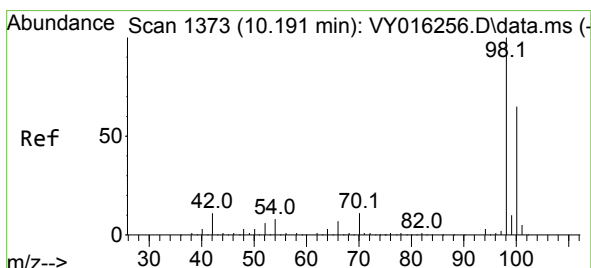
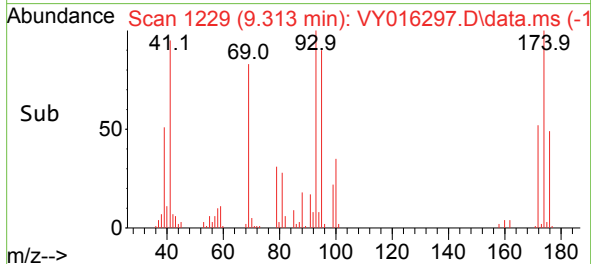
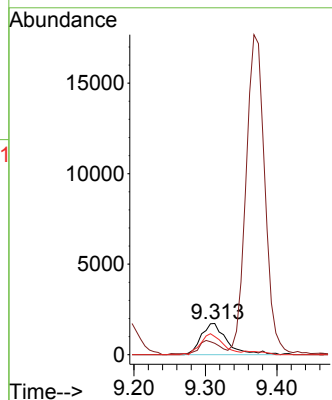
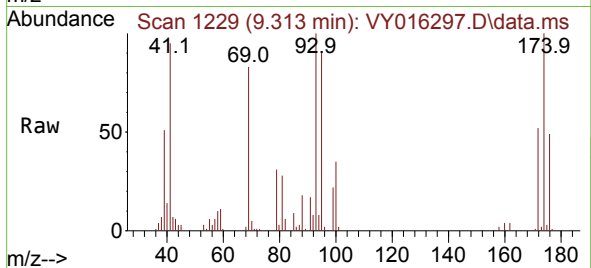
Tgt Ion: 88 Resp: 4337

Ion Ratio Lower Upper

88 100

43 33.4 0.0 0.0#

58 58.2 30.9 46.3#



#50

Toluene-d8

Concen: 52.521 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016297.D

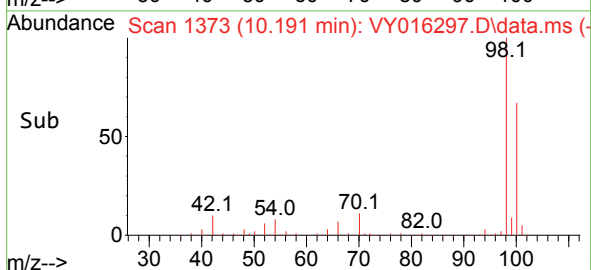
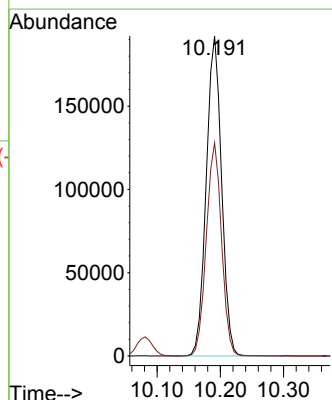
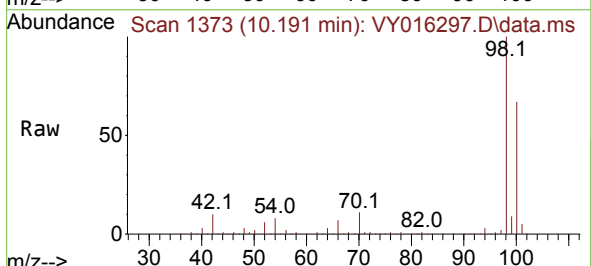
Acq: 10 Nov 2023 10:27

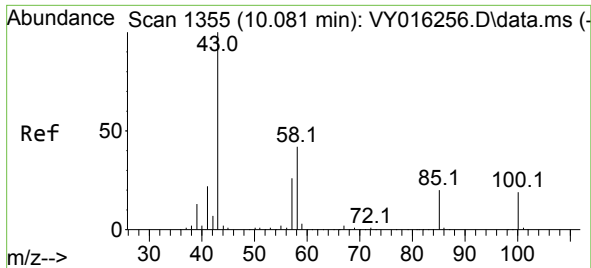
Tgt Ion: 98 Resp: 323764

Ion Ratio Lower Upper

98 100

100 66.1 50.1 75.1

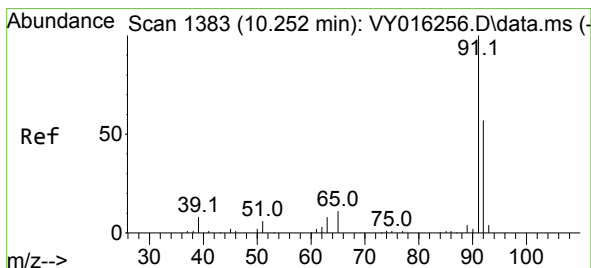
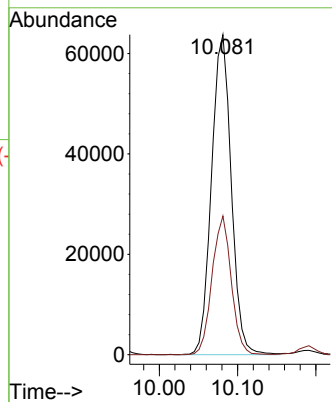
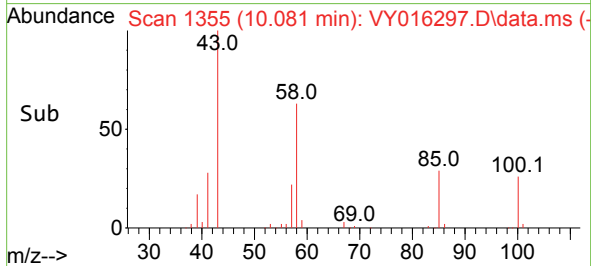
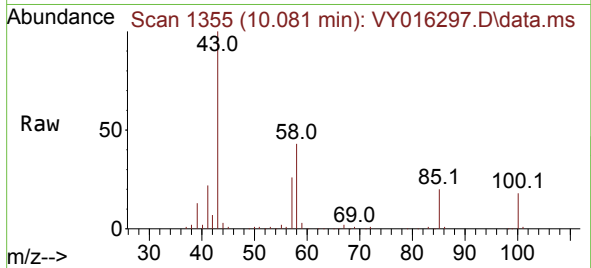




#51
4-Methyl-2-Pentanone
Concen: 107.099 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

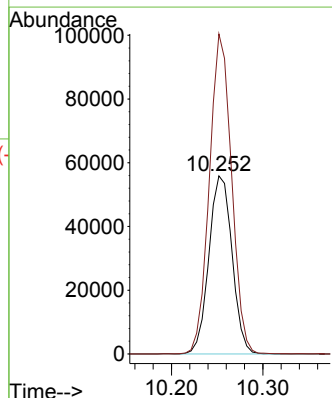
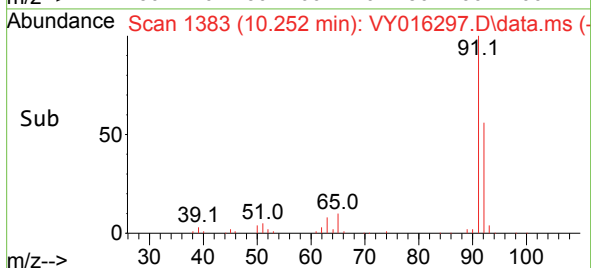
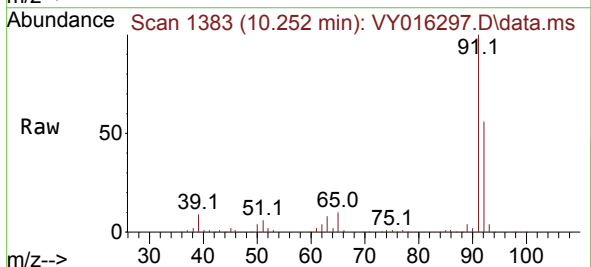
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

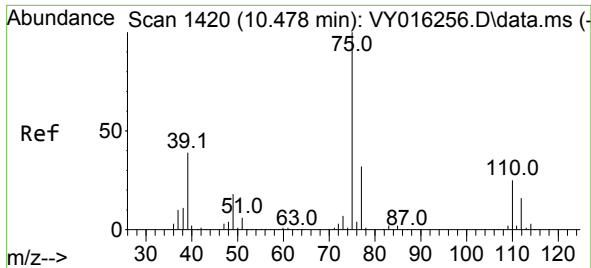
Tgt Ion: 43 Resp: 111649
Ion Ratio Lower Upper
43 100
58 42.1 29.0 43.6



#52
Toluene
Concen: 20.951 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 92 Resp: 98216
Ion Ratio Lower Upper
92 100
91 172.9 143.8 215.6

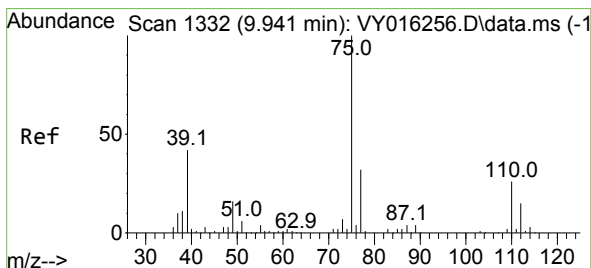
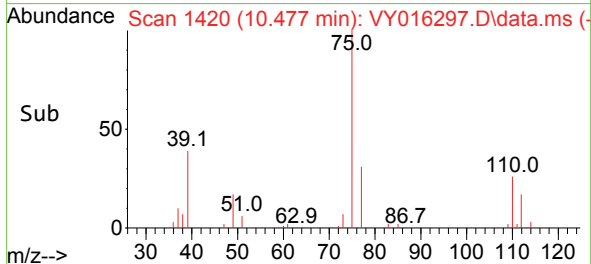
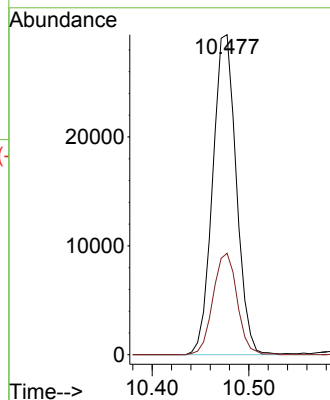
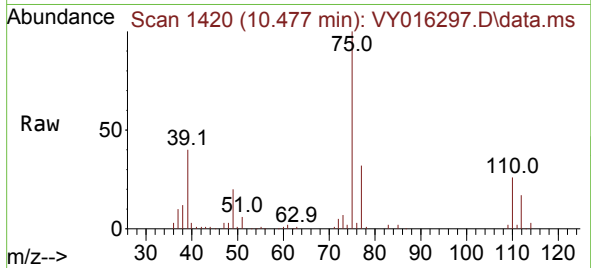




#53
 t-1,3-Dichloropropene
 Concen: 20.751 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016297.D
 Acq: 10 Nov 2023 10:27

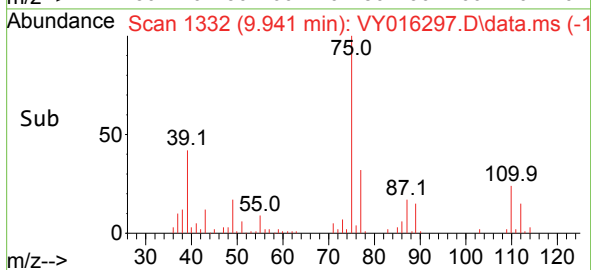
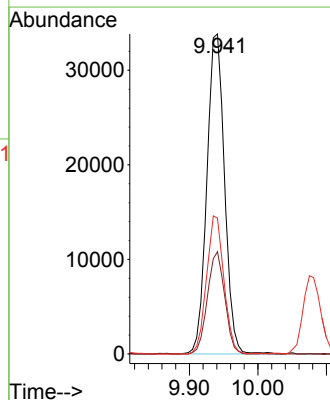
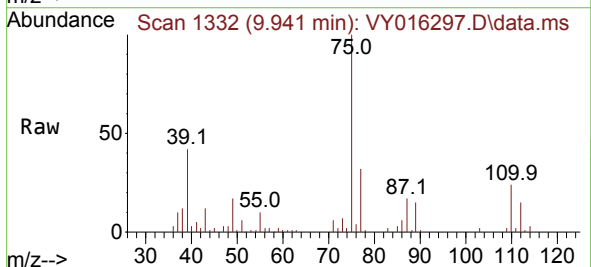
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBSD01

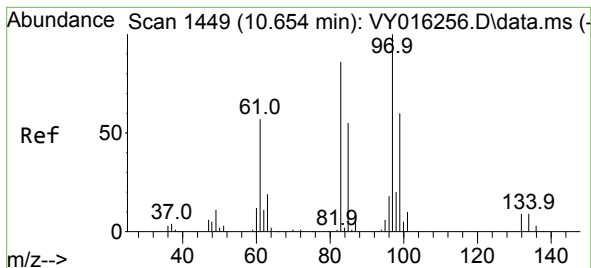
Tgt Ion: 75 Resp: 49914
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.125 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016297.D
 Acq: 10 Nov 2023 10:27

Tgt Ion: 75 Resp: 60690
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.4
 39 42.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.309 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

Tgt Ion: 97 Resp: 28346

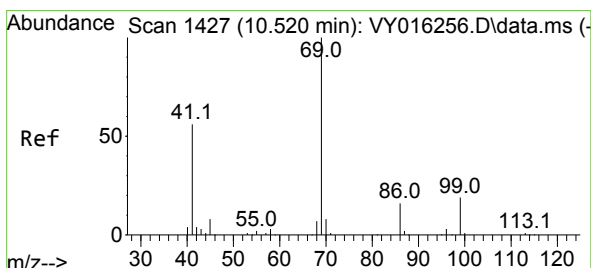
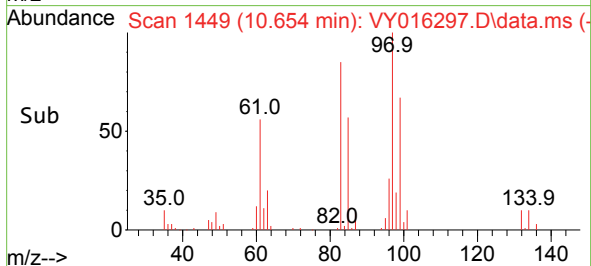
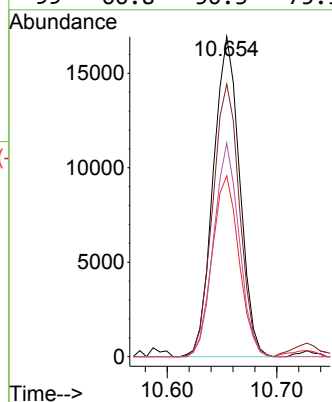
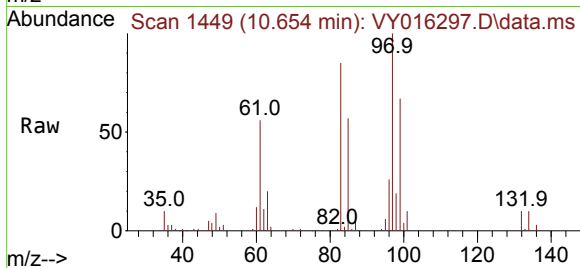
Ion Ratio Lower Upper

97 100

83 85.2 72.0 108.0

85 56.5 45.4 68.0

99 66.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.926 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

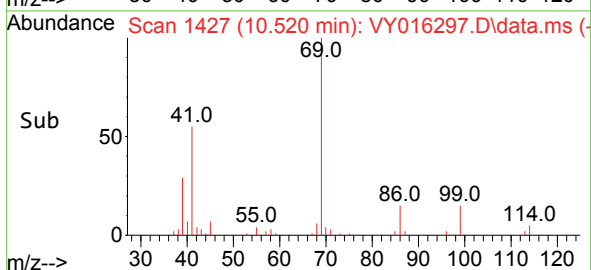
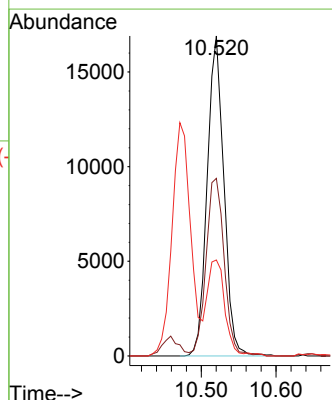
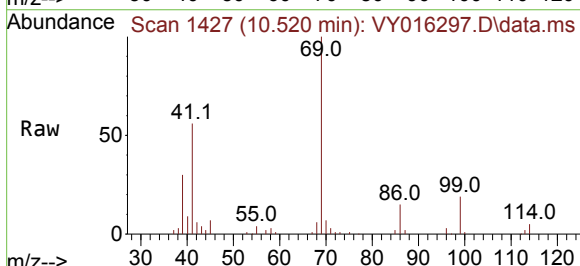
Tgt Ion: 69 Resp: 26277

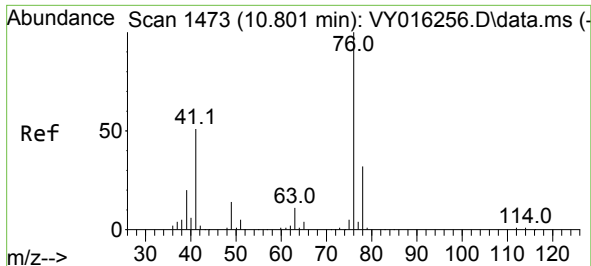
Ion Ratio Lower Upper

69 100

41 60.6 57.6 86.4

39 31.1 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 21.271 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

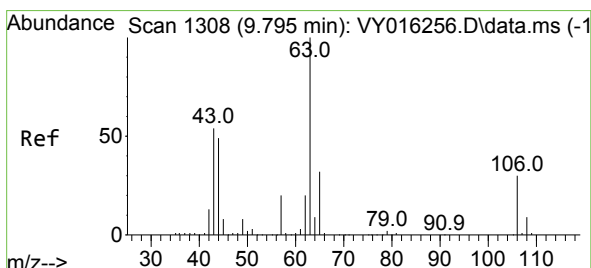
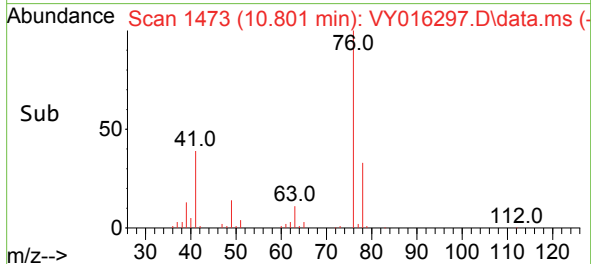
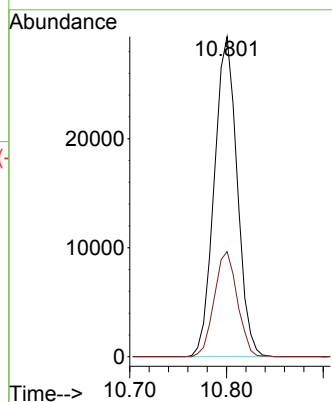
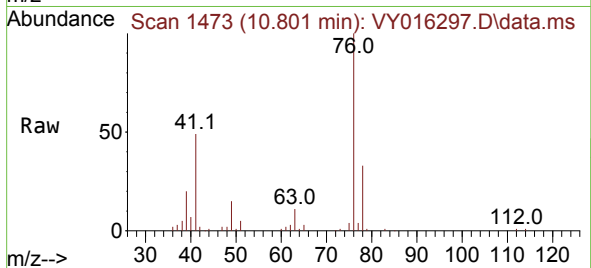
VY1110SBSD01

Tgt Ion: 76 Resp: 48233

Ion Ratio Lower Upper

76 100

78 33.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 105.541 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016297.D

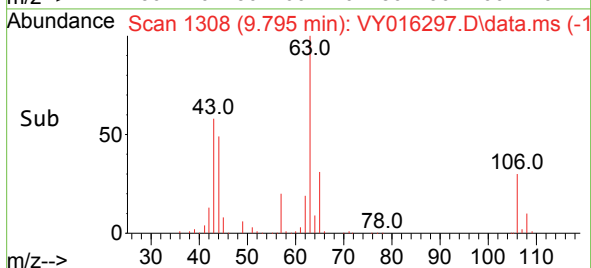
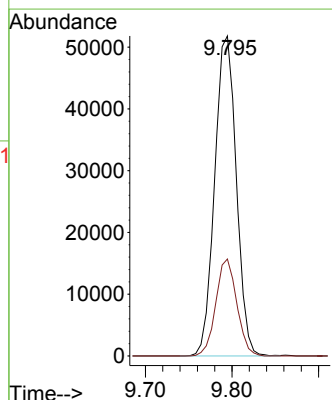
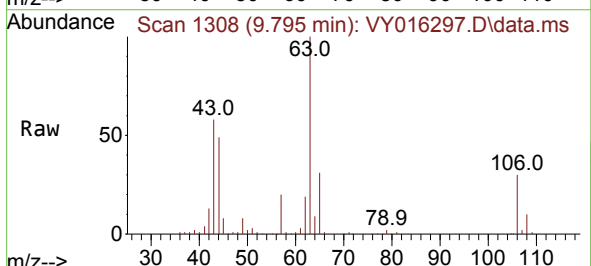
Acq: 10 Nov 2023 10:27

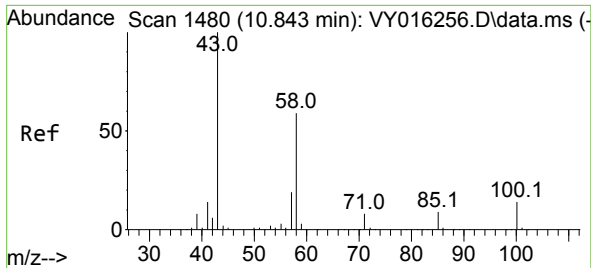
Tgt Ion: 63 Resp: 89864

Ion Ratio Lower Upper

63 100

106 29.4 21.2 31.8

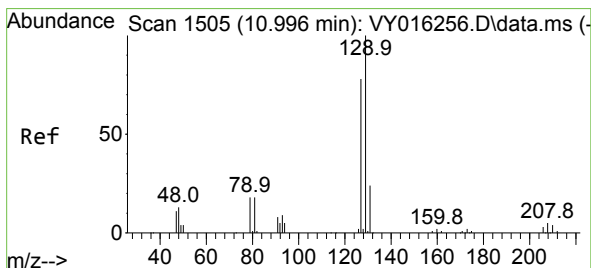
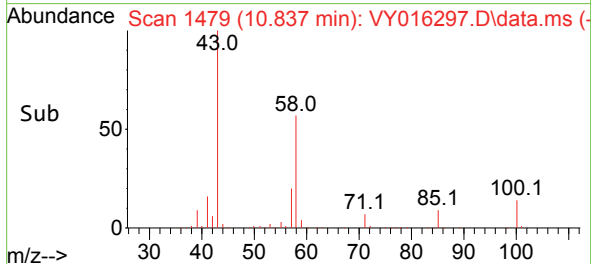
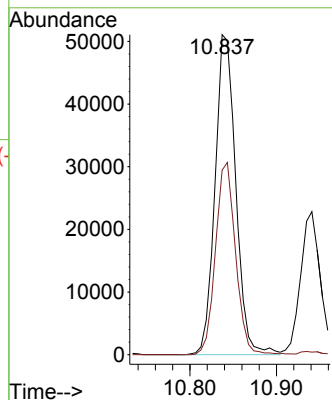
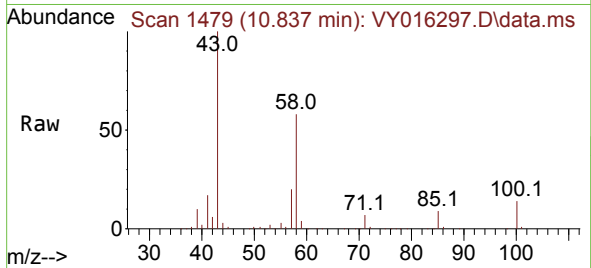




#59
2-Hexanone
Concen: 109.677 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

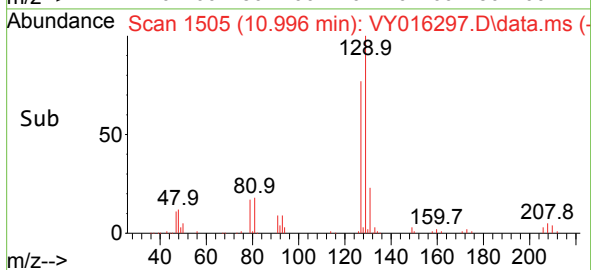
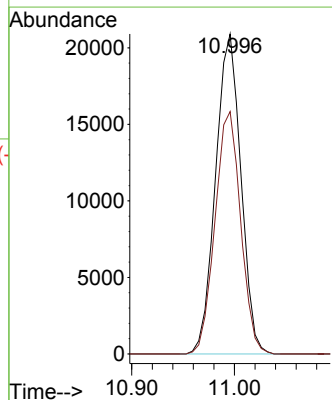
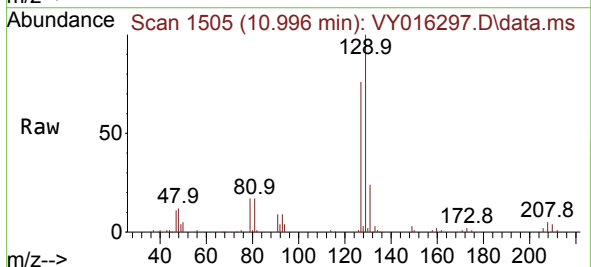
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

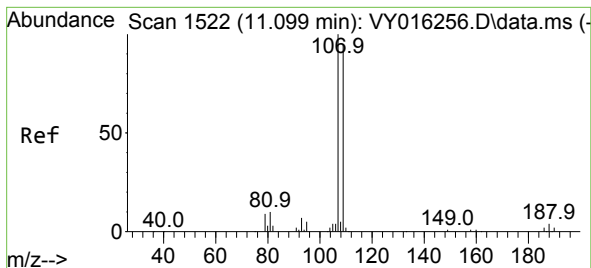
Tgt Ion: 43 Resp: 85046
Ion Ratio Lower Upper
43 100
58 58.0 25.1 75.3



#60
Dibromochloromethane
Concen: 21.458 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion:129 Resp: 35700
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

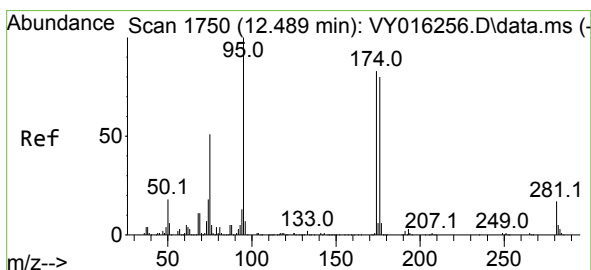
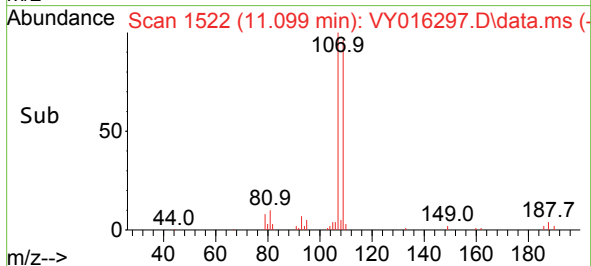
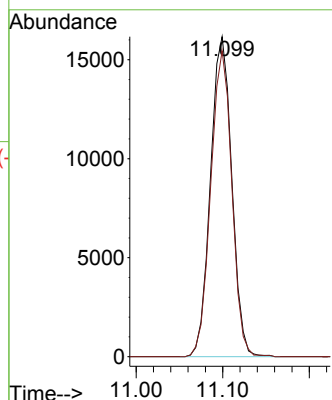
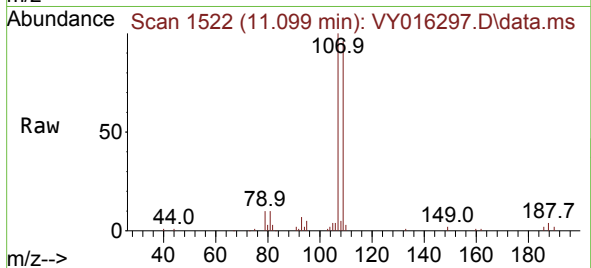




#61
1,2-Dibromoethane
Concen: 21.785 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

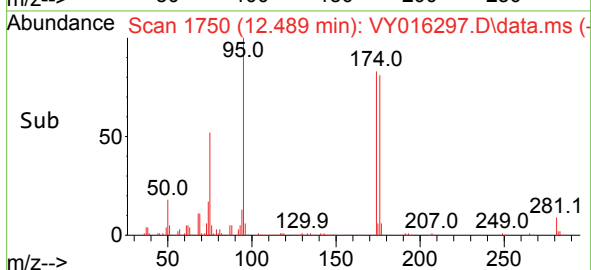
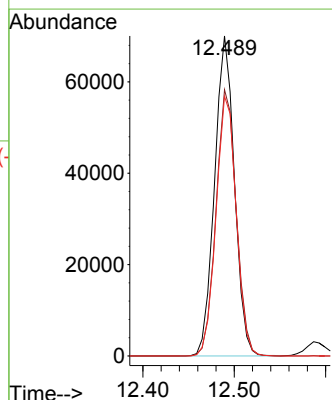
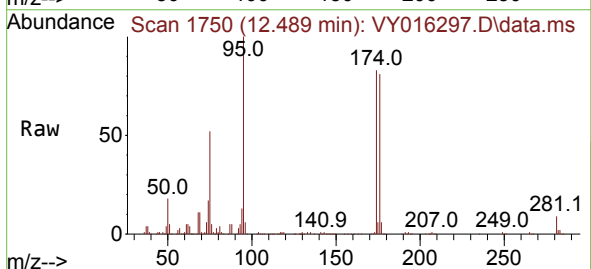
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

Tgt Ion:107 Resp: 27609
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.762 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 95 Resp: 105636
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 82.7 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: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBSD01

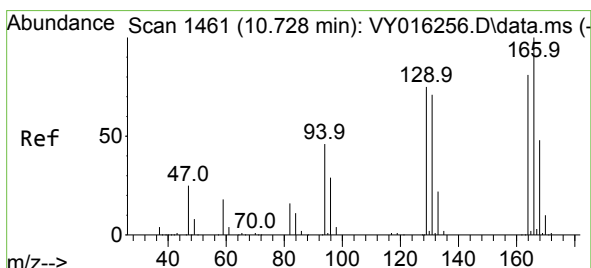
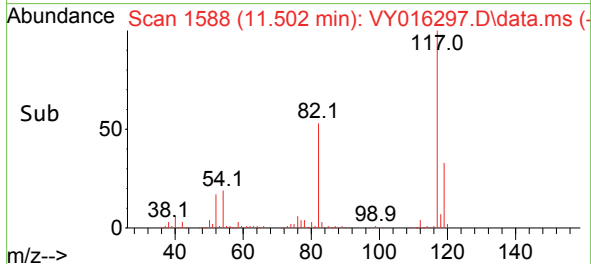
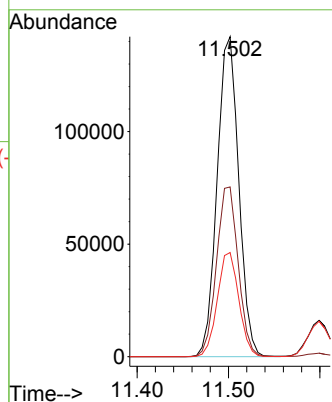
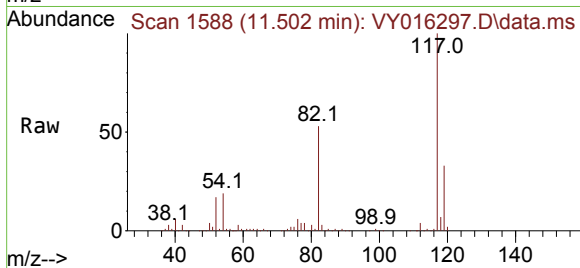
Tgt Ion:117 Resp: 233639

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 32.6 26.3 39.5



#64

Tetrachloroethene

Concen: 20.878 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Tgt Ion:164 Resp: 43799

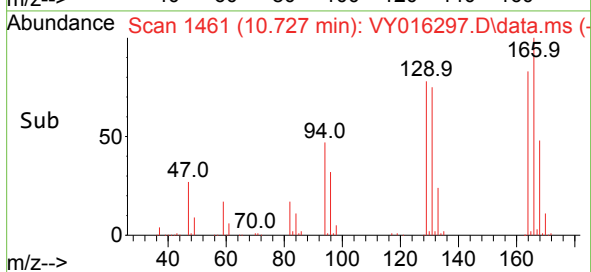
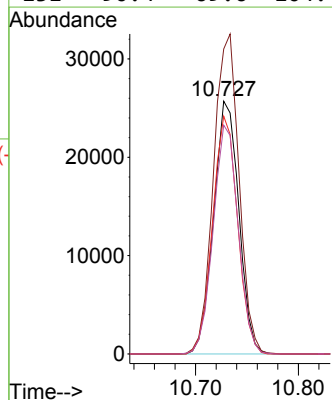
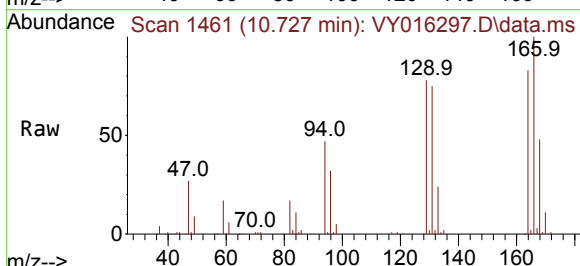
Ion Ratio Lower Upper

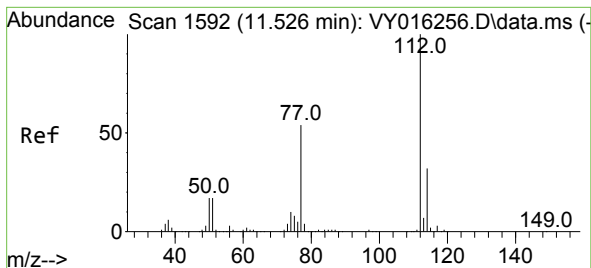
164 100

166 120.6 103.0 154.6

129 94.0 77.2 115.8

131 90.4 69.6 104.4





#65

Chlorobenzene

Concen: 20.639 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

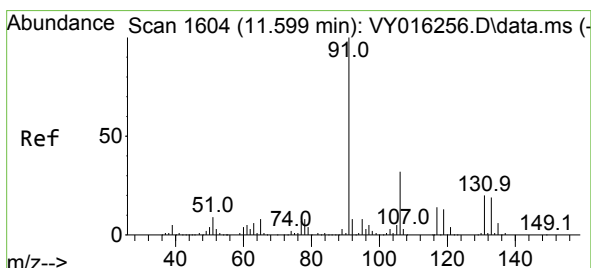
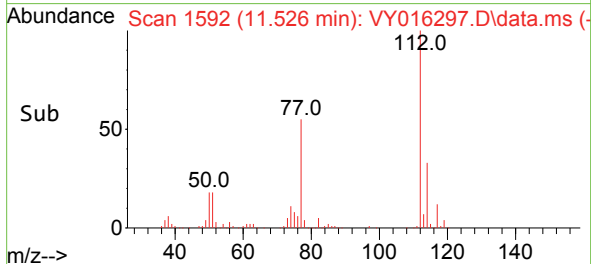
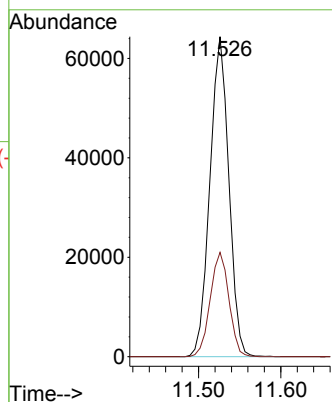
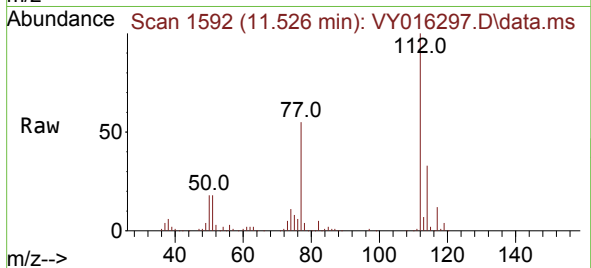
VY1110SBSD01

Tgt Ion:112 Resp: 103024

Ion Ratio Lower Upper

112 100

114 32.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.596 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

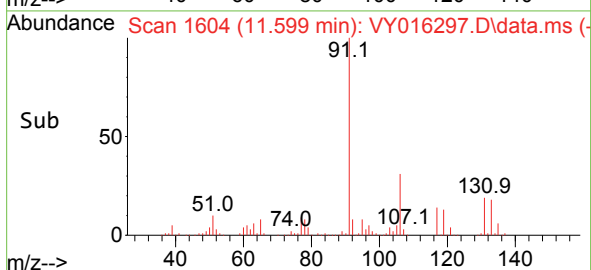
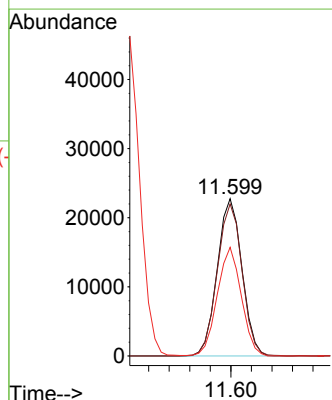
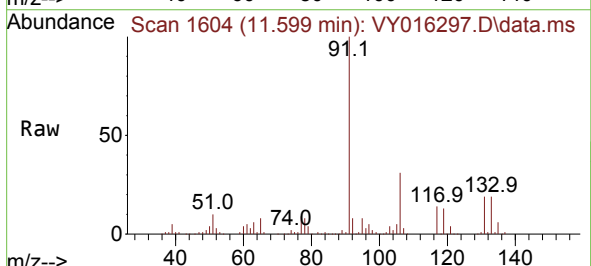
Tgt Ion:131 Resp: 37920

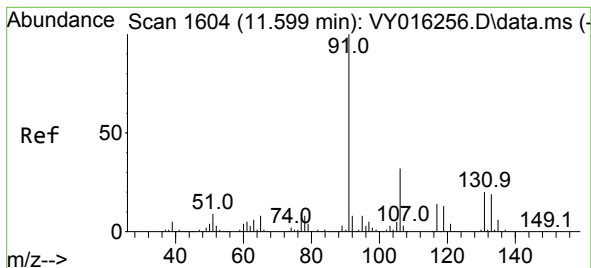
Ion Ratio Lower Upper

131 100

133 97.3 47.5 142.6

119 67.2 31.6 94.7

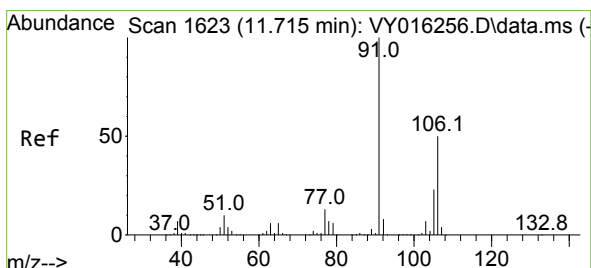
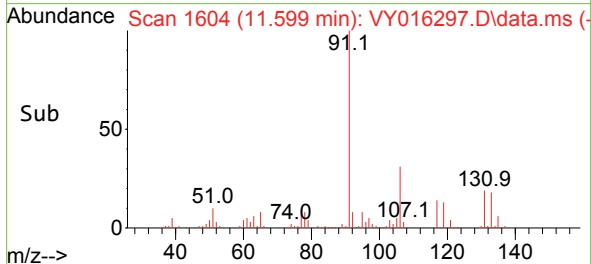
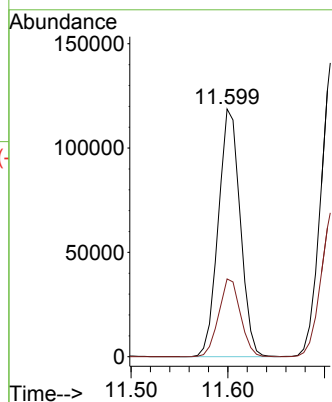
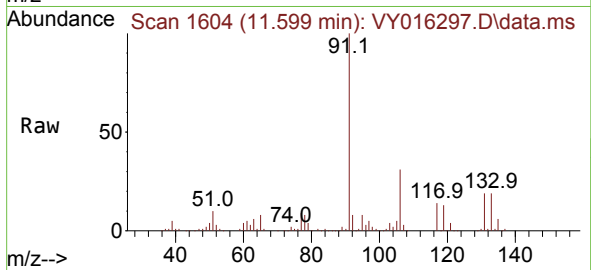




#67
Ethyl Benzene
Concen: 20.797 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

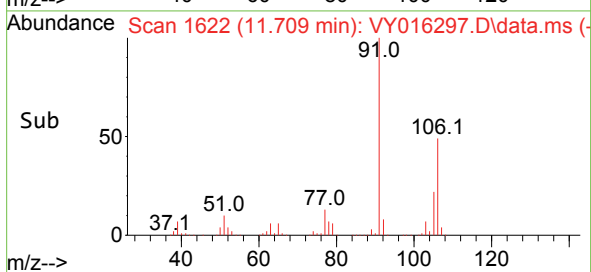
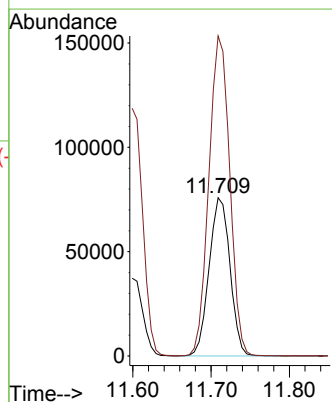
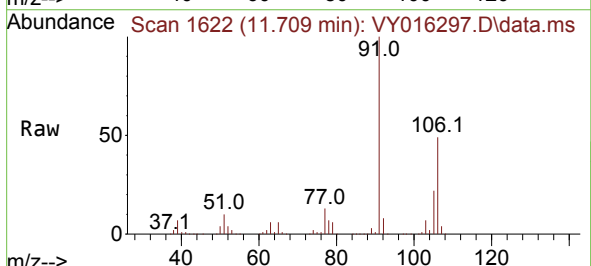
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

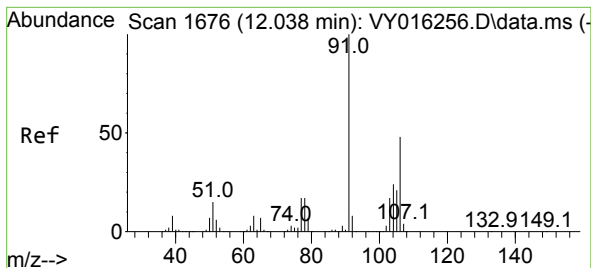
Tgt Ion: 91 Resp: 186570
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8



#68
m/p-Xylenes
Concen: 41.320 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.006 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion:106 Resp: 140597
Ion Ratio Lower Upper
106 100
91 202.3 166.1 249.1





#69

o-Xylene

Concen: 20.954 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

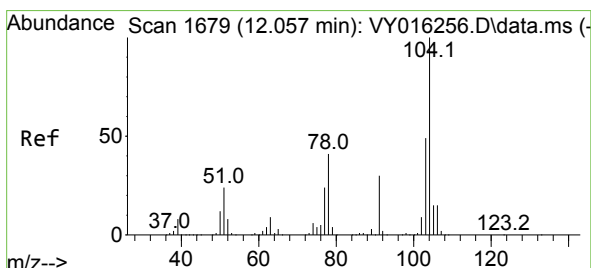
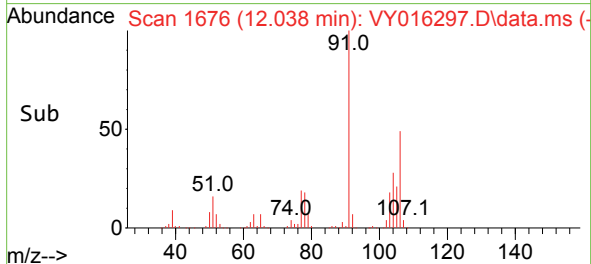
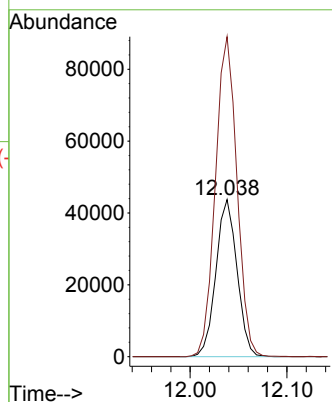
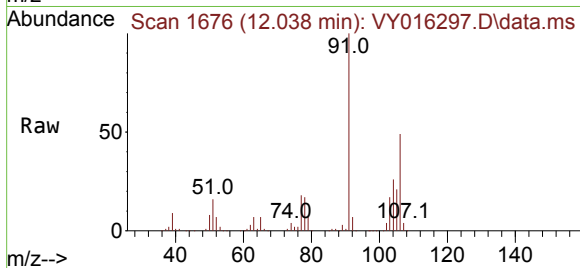
VY1110SBSD01

Tgt Ion:106 Resp: 66198

Ion Ratio Lower Upper

106 100

91 207.9 108.1 324.3



#70

Styrene

Concen: 20.919 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

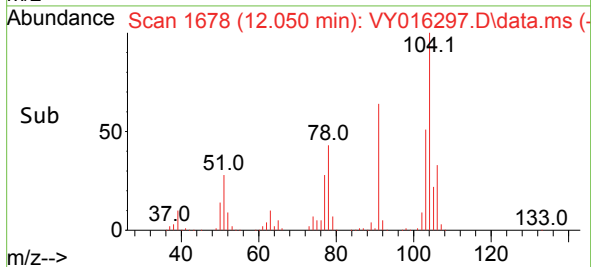
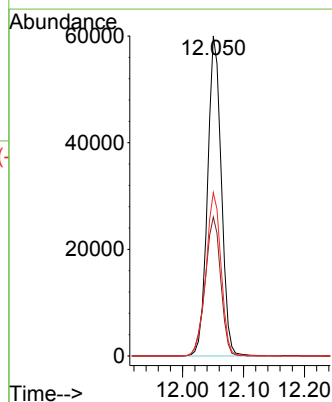
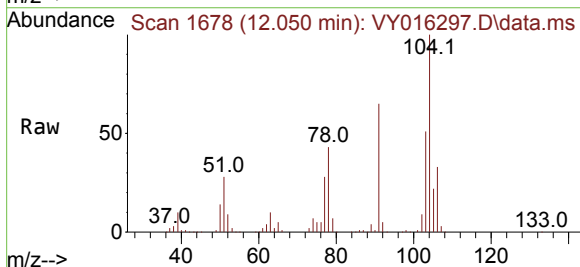
Tgt Ion:104 Resp: 94628

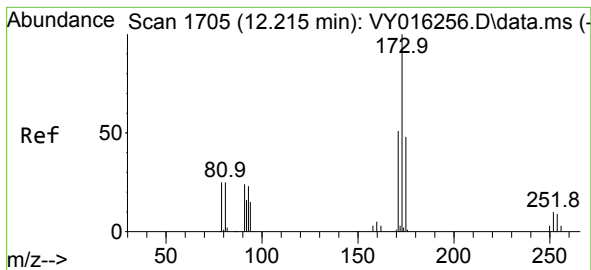
Ion Ratio Lower Upper

104 100

78 48.8 41.5 62.3

103 55.8 44.6 67.0





#71

Bromoform

Concen: 21.591 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

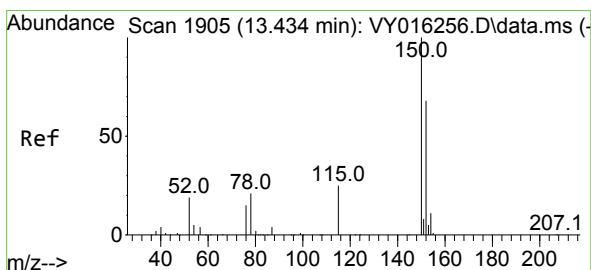
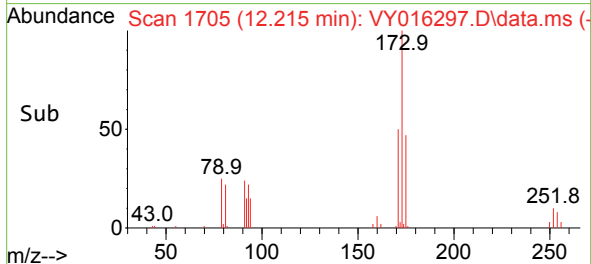
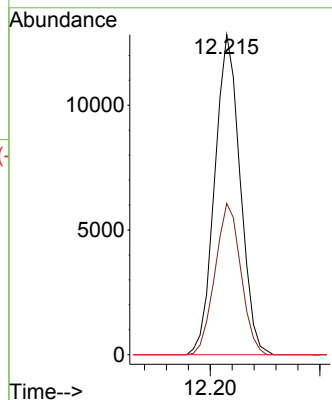
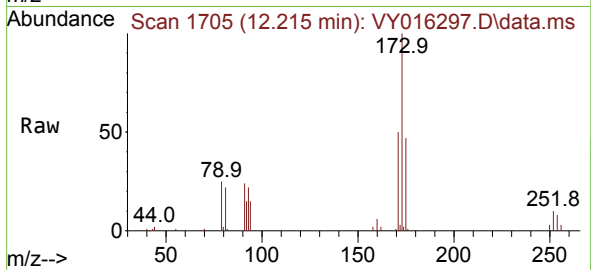
Tgt Ion:173 Resp: 20627

Ion Ratio Lower Upper

173 100

175 48.1 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: VY016297.D

Acq: 10 Nov 2023 10:27

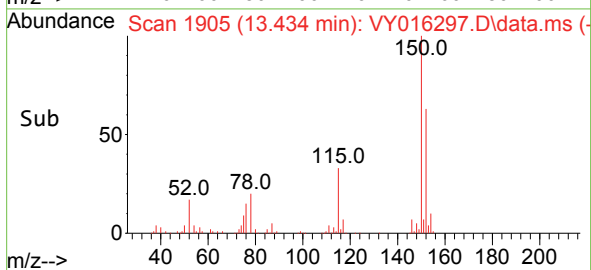
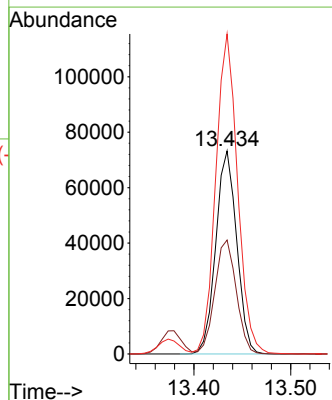
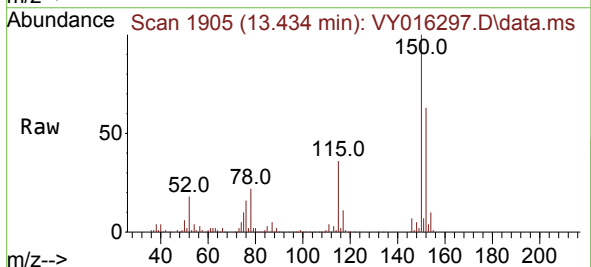
Tgt Ion:152 Resp: 109870

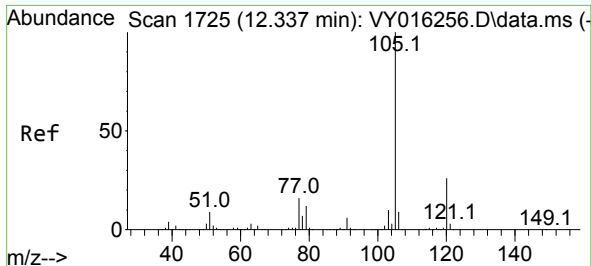
Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 163.9 0.0 348.8

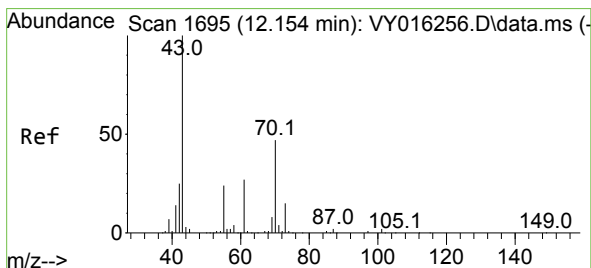
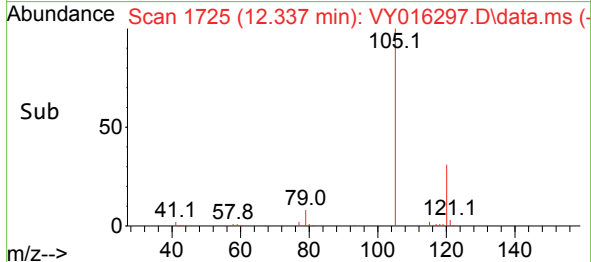
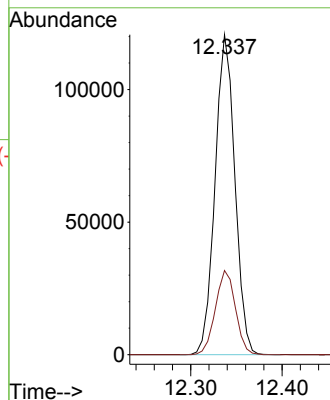
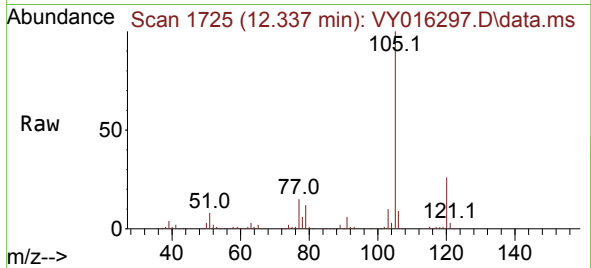




#73
Isopropylbenzene
Concen: 20.422 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

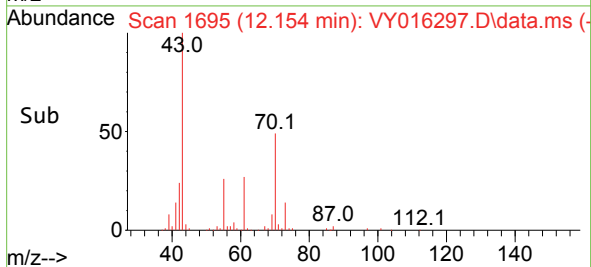
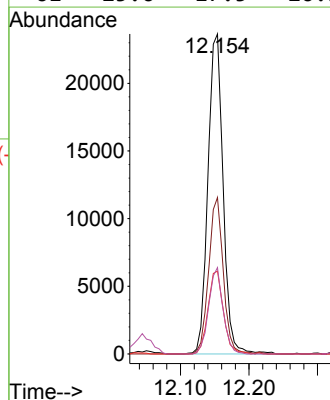
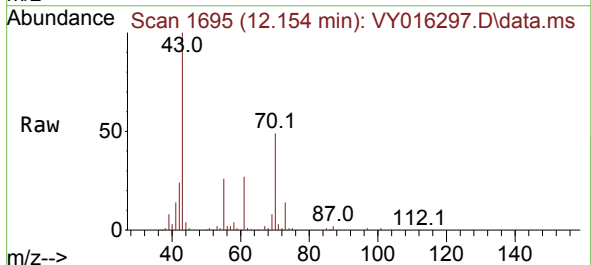
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

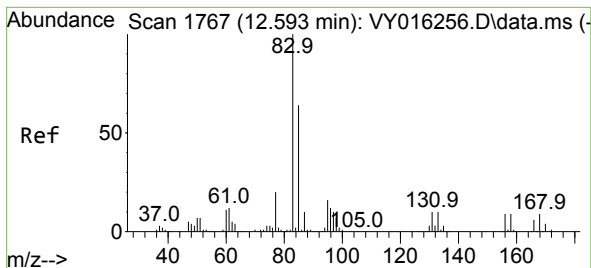
Tgt Ion:105 Resp: 181700
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 20.392 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 43 Resp: 36443
Ion Ratio Lower Upper
43 100
70 47.0 29.7 44.5#
55 26.2 18.3 27.5
61 25.6 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.245 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

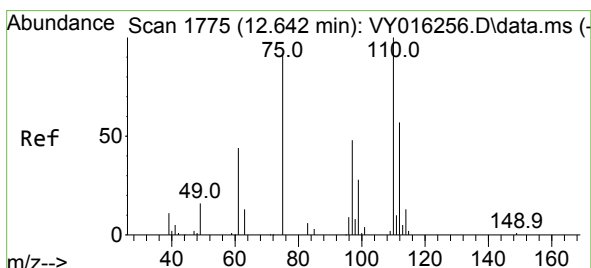
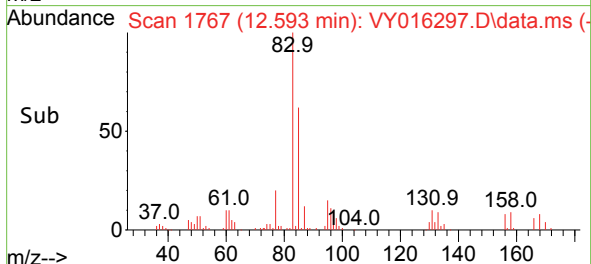
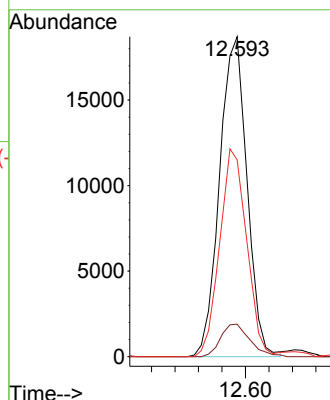
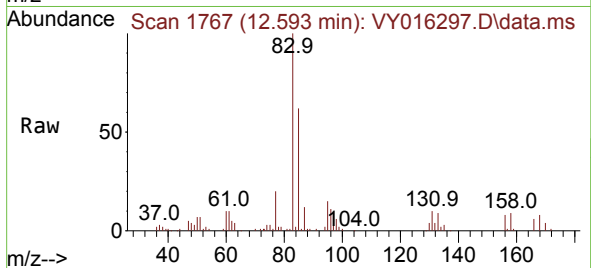
Tgt Ion: 83 Resp: 30330

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 38.294 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016297.D

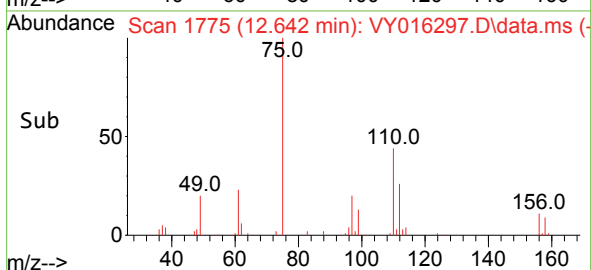
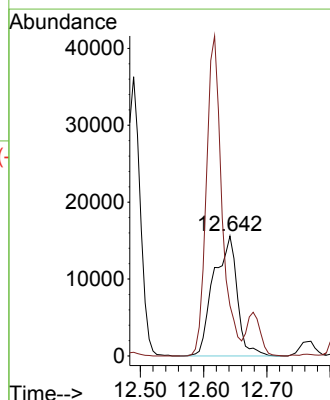
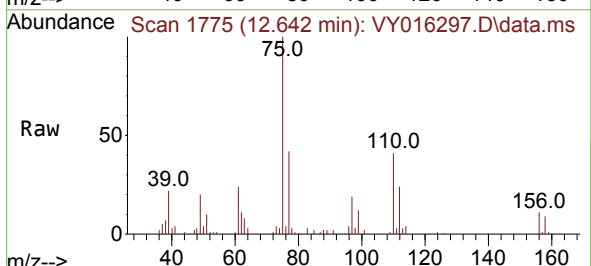
Acq: 10 Nov 2023 10:27

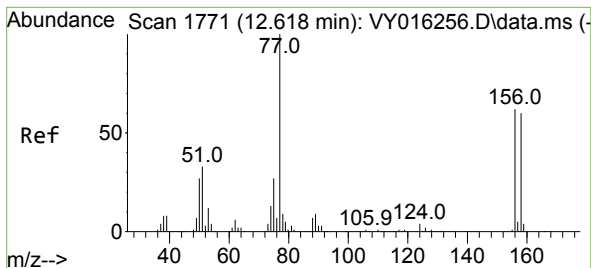
Tgt Ion: 75 Resp: 40361

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.333 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBSD01

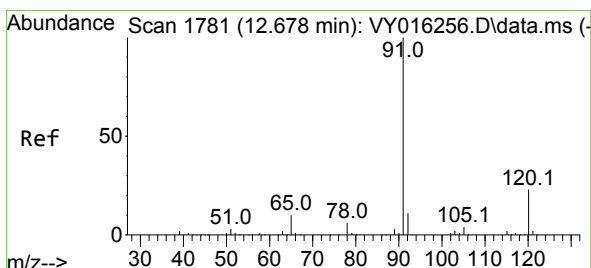
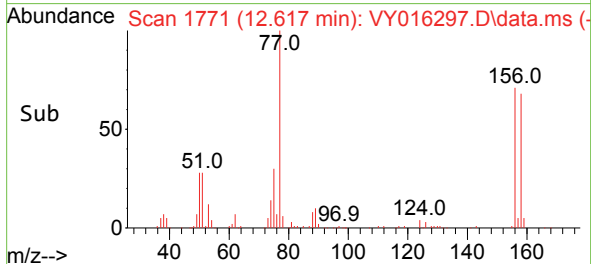
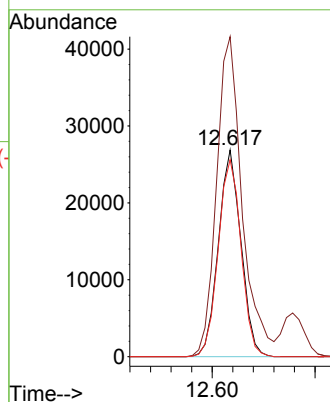
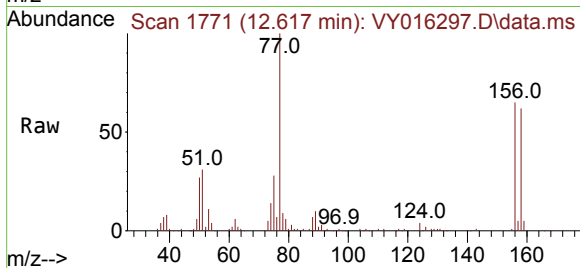
Tgt Ion:156 Resp: 40887

Ion Ratio Lower Upper

156 100

77 175.6 92.8 278.6

158 96.5 48.4 145.3



#78

n-propylbenzene

Concen: 20.421 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016297.D

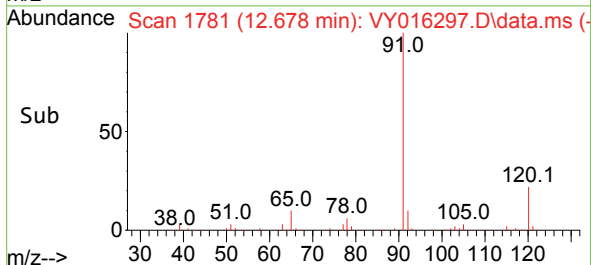
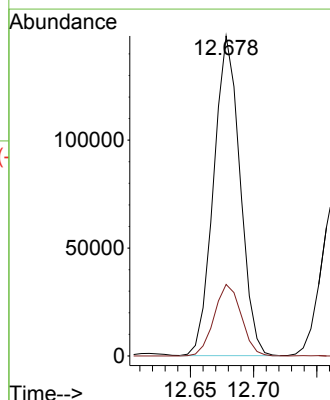
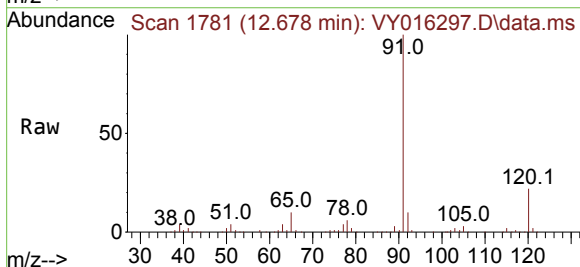
Acq: 10 Nov 2023 10:27

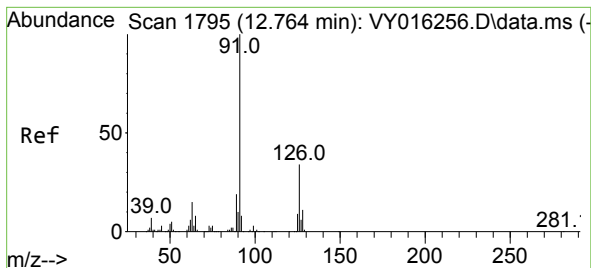
Tgt Ion: 91 Resp: 214718

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

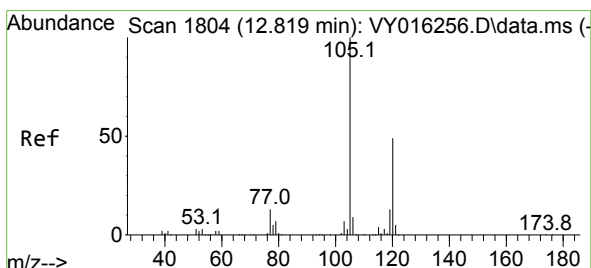
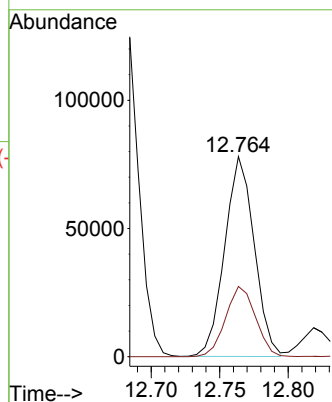
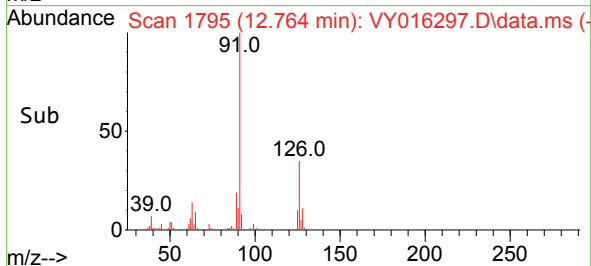
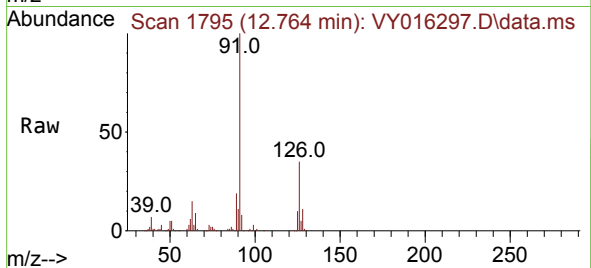




#79
2-Chlorotoluene
Concen: 20.186 ug/l
RT: 12.764 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

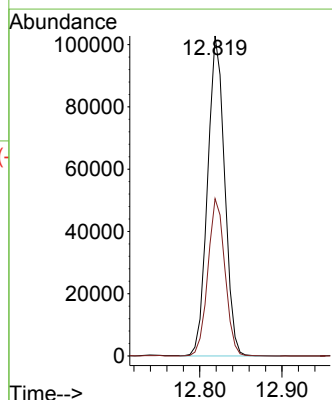
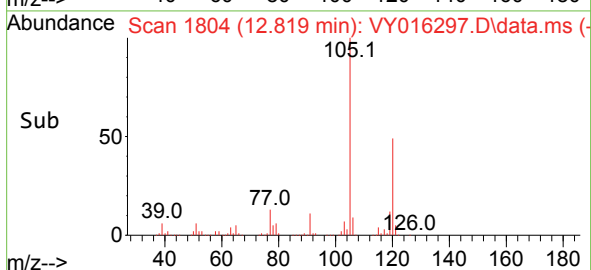
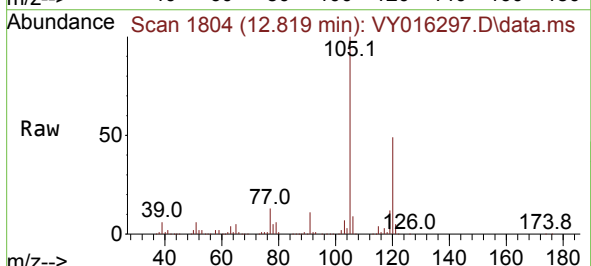
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBSD01

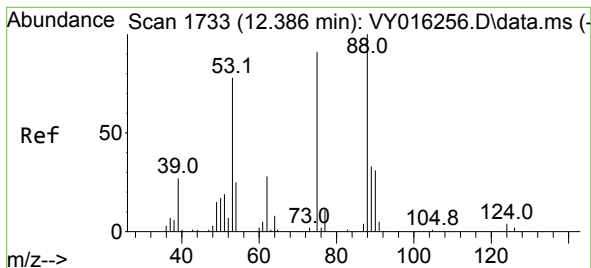
Tgt Ion: 91 Resp: 116968
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.622 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 105 Resp: 147929
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

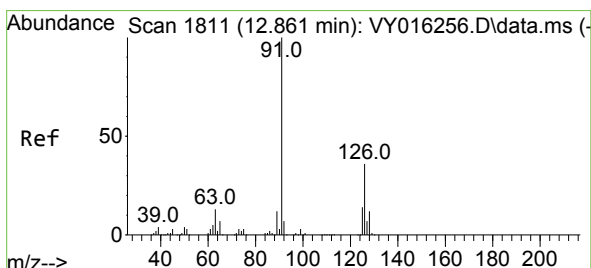
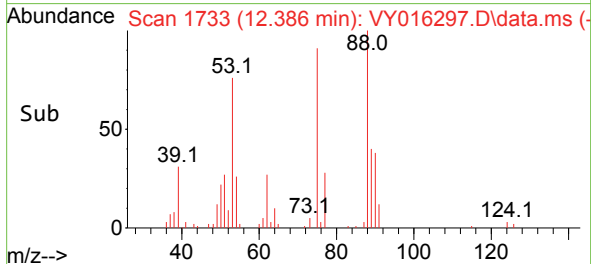
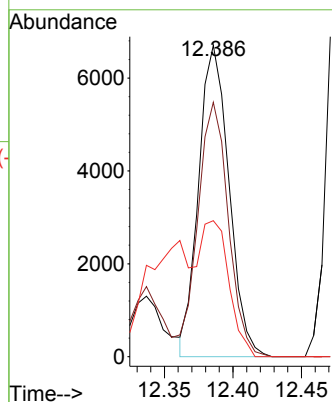
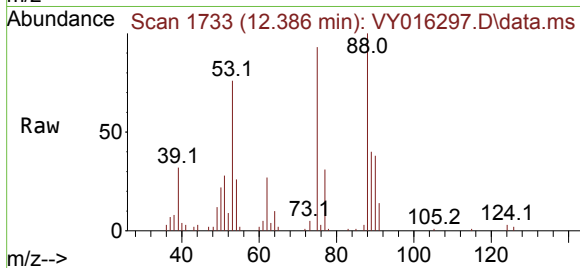




#81
trans-1,4-Dichloro-2-butene
Concen: 21.243 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

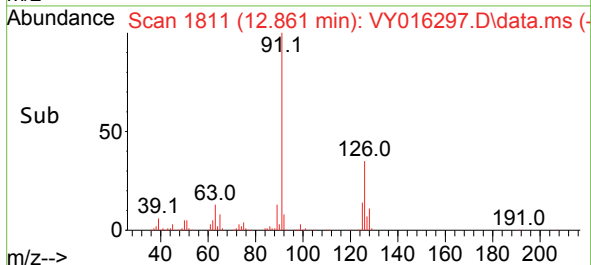
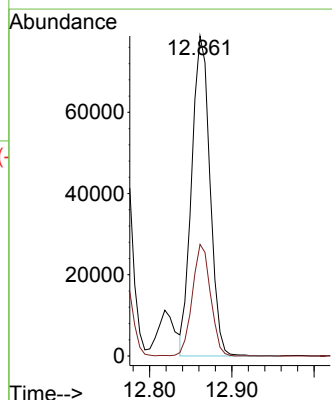
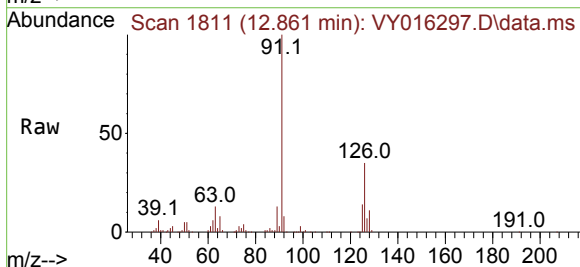
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

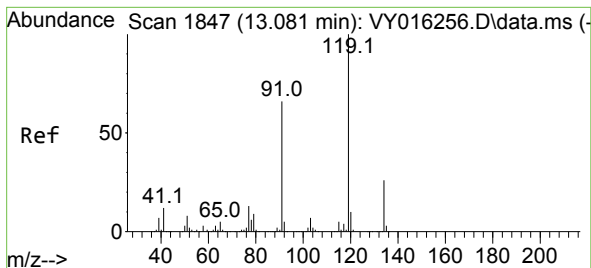
Tgt Ion: 75 Resp: 10315
Ion Ratio Lower Upper
75 100
53 82.7 77.8 116.8
89 45.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.321 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion: 91 Resp: 121671
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.156 ug/l

RT: 13.081 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBSD01

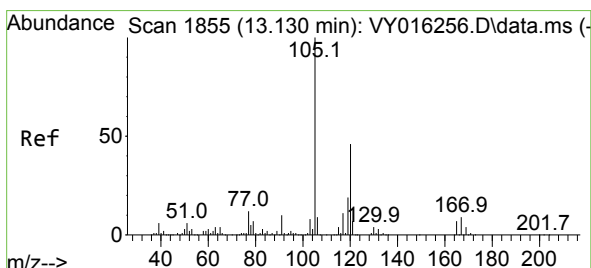
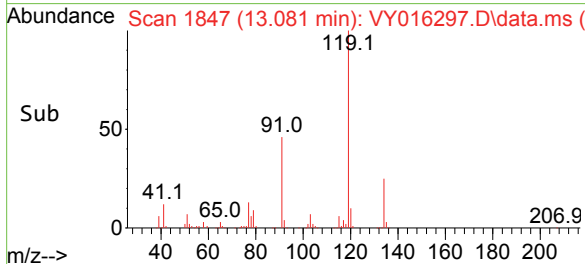
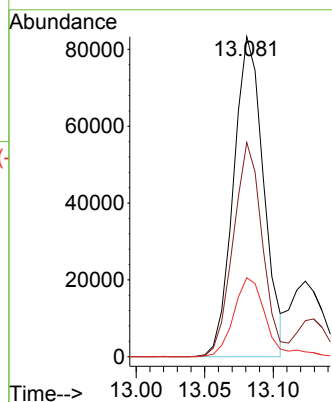
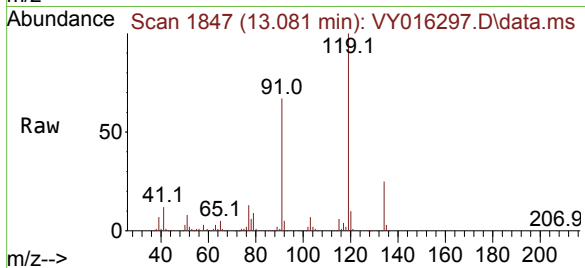
Tgt Ion:119 Resp: 127352

Ion Ratio Lower Upper

119 100

91 65.4 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.517 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016297.D

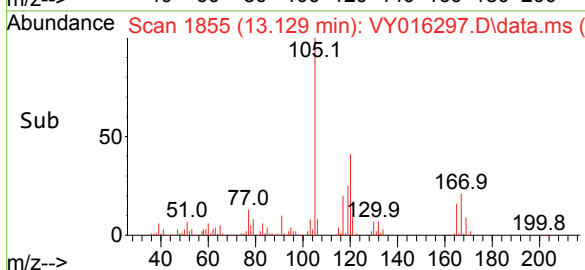
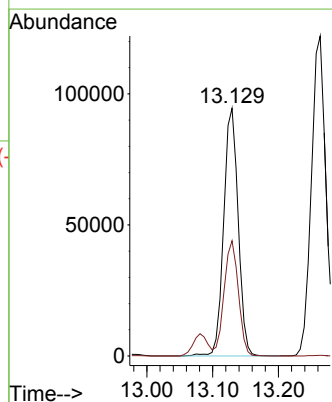
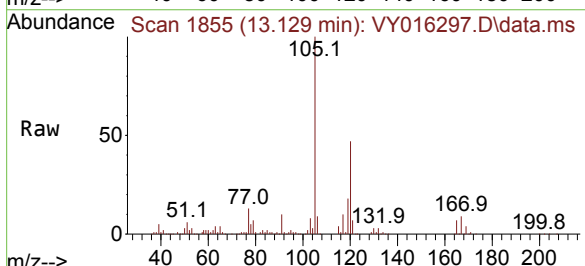
Acq: 10 Nov 2023 10:27

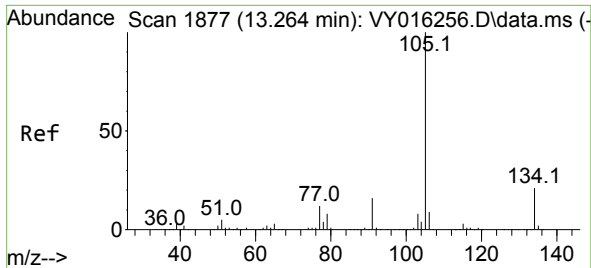
Tgt Ion:105 Resp: 144912

Ion Ratio Lower Upper

105 100

120 45.9 22.2 66.6

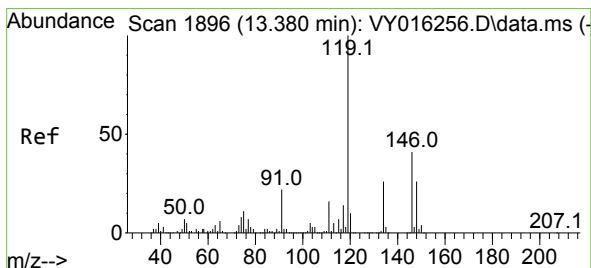
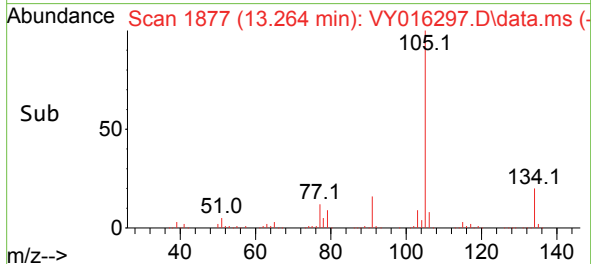
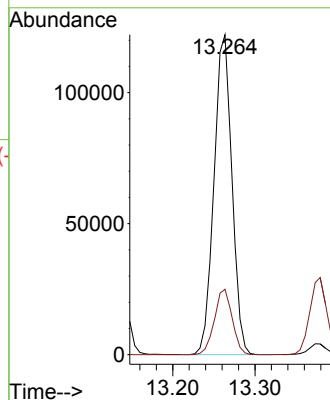
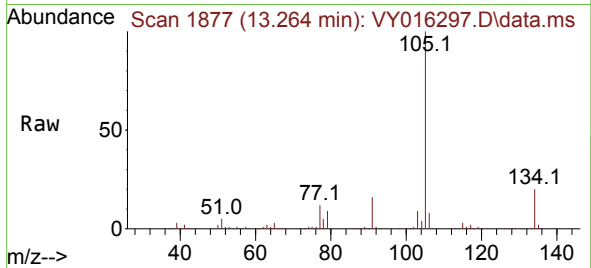




#85
 sec-Butylbenzene
 Concen: 20.546 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016297.D
 Acq: 10 Nov 2023 10:27

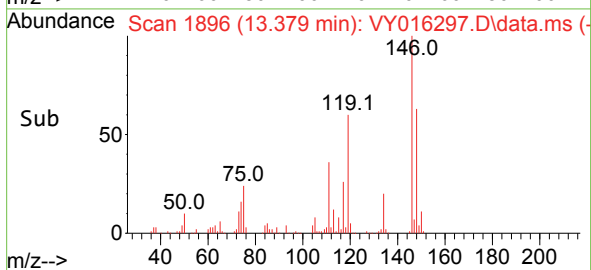
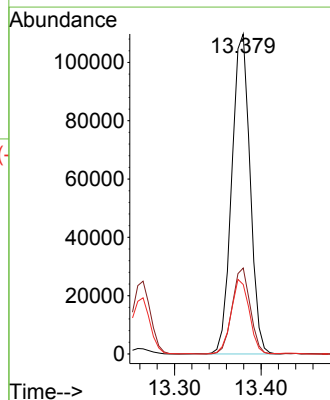
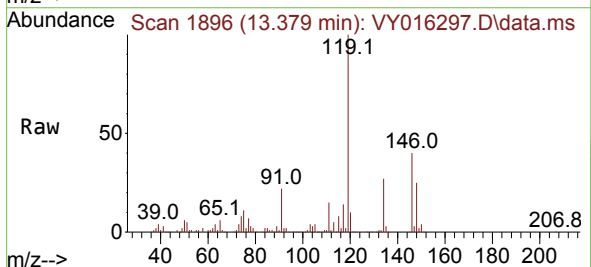
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1110SBSD01

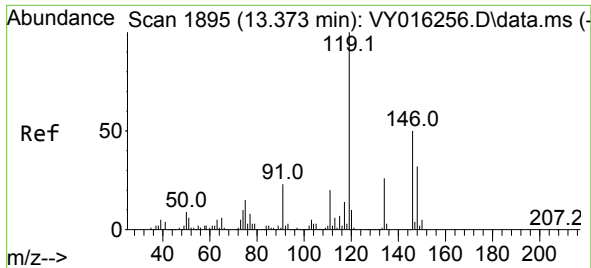
Tgt Ion:105 Resp: 185457
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.709 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016297.D
 Acq: 10 Nov 2023 10:27

Tgt Ion:119 Resp: 160962
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 23.3 12.4 37.4

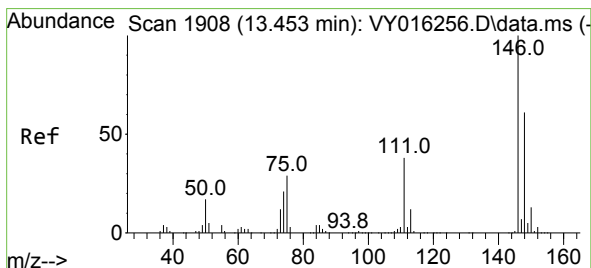
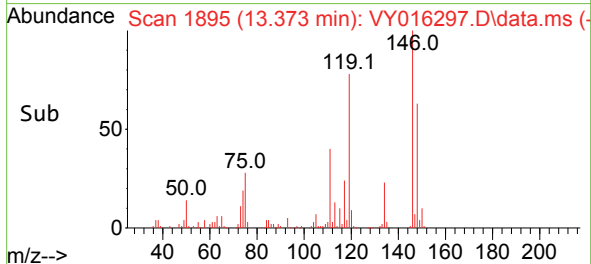
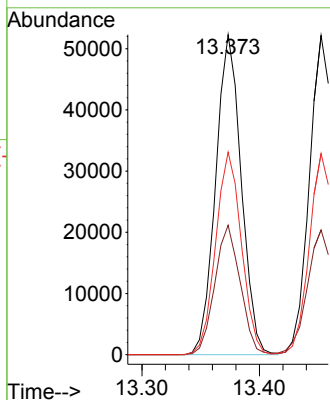
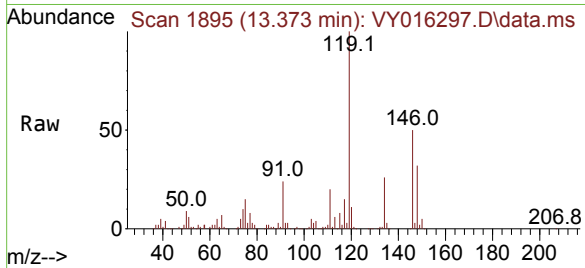




#87
1,3-Dichlorobenzene
Concen: 20.492 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

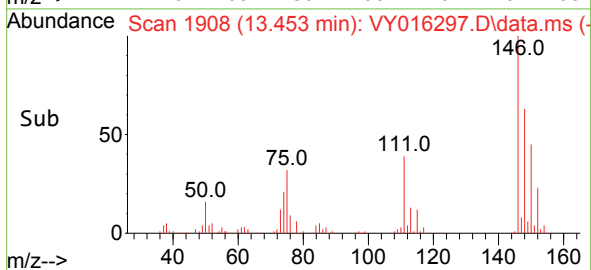
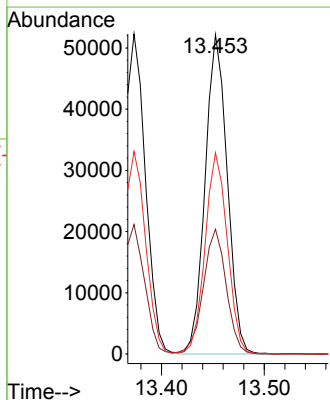
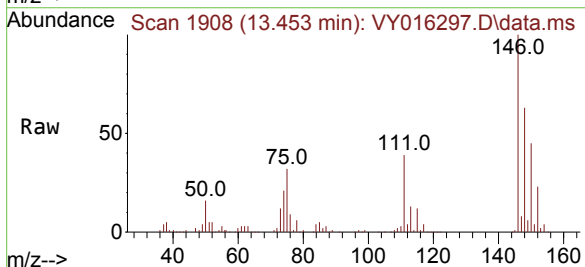
Instrument :
MSVOA_Y
ClientSampleId :
VY1110SBS01

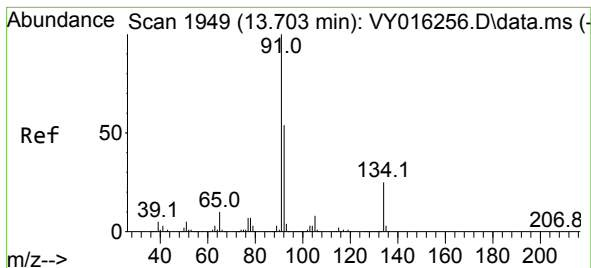
Tgt Ion:146 Resp: 79277
Ion Ratio Lower Upper
146 100
111 40.1 19.4 58.2
148 63.6 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.650 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY016297.D
Acq: 10 Nov 2023 10:27

Tgt Ion:146 Resp: 78072
Ion Ratio Lower Upper
146 100
111 40.6 18.9 56.7
148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 20.596 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

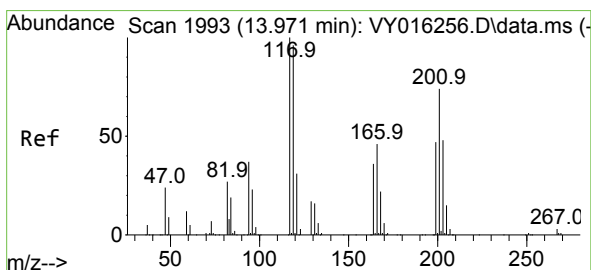
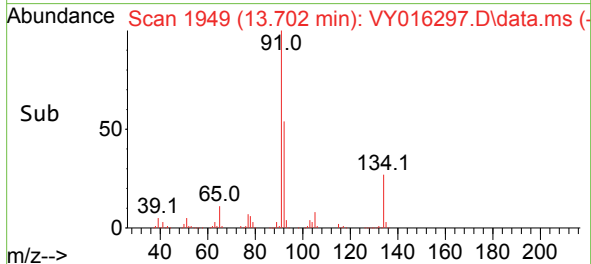
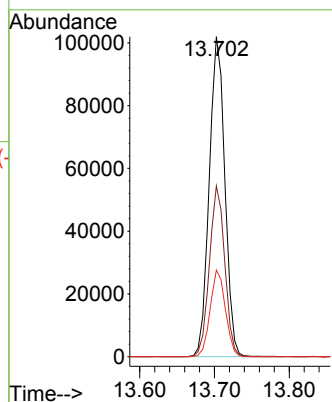
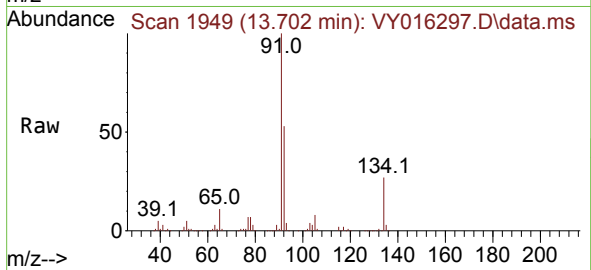
Tgt Ion: 91 Resp: 147837

Ion Ratio Lower Upper

91 100

92 52.3 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 20.014 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016297.D

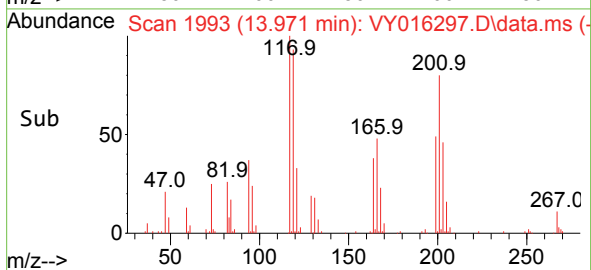
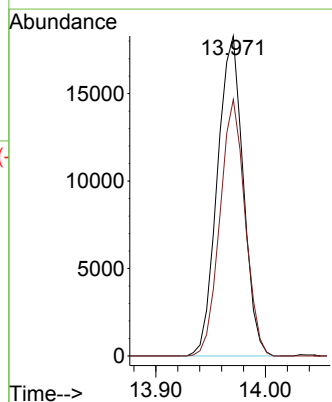
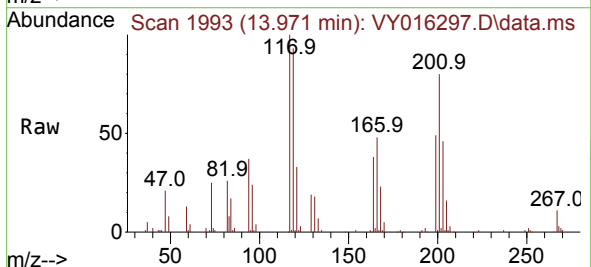
Acq: 10 Nov 2023 10:27

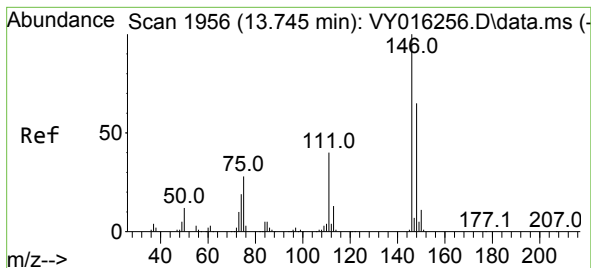
Tgt Ion: 117 Resp: 30007

Ion Ratio Lower Upper

117 100

201 77.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.701 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

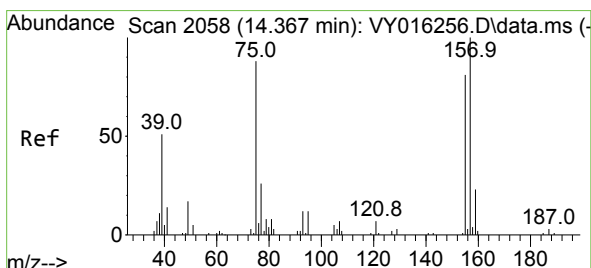
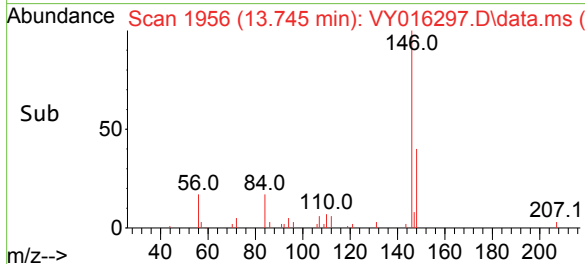
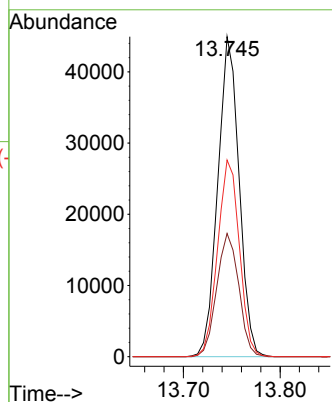
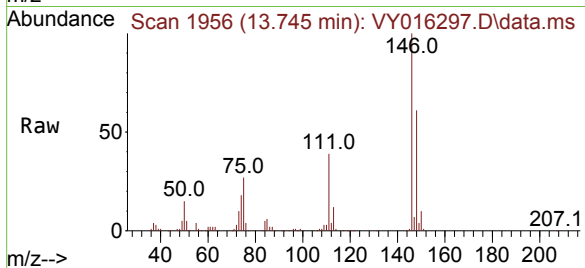
Tgt Ion:146 Resp: 68624

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.0

148 62.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.856 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

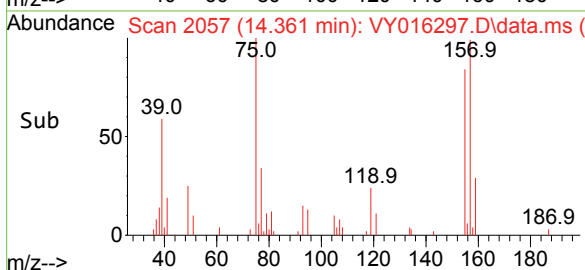
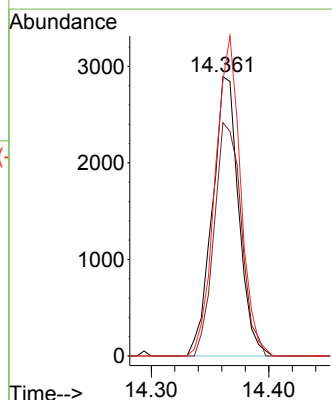
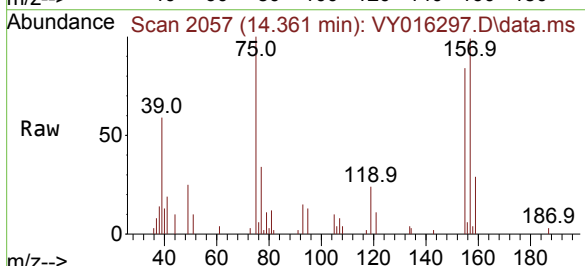
Tgt Ion: 75 Resp: 4510

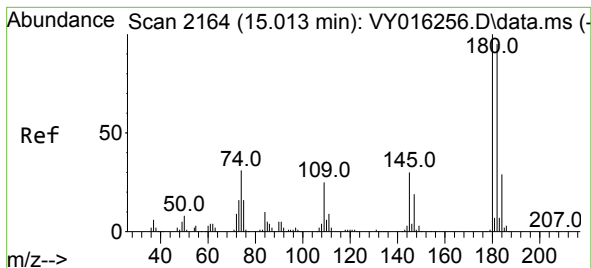
Ion Ratio Lower Upper

75 100

155 86.0 41.5 124.6

157 110.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.452 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

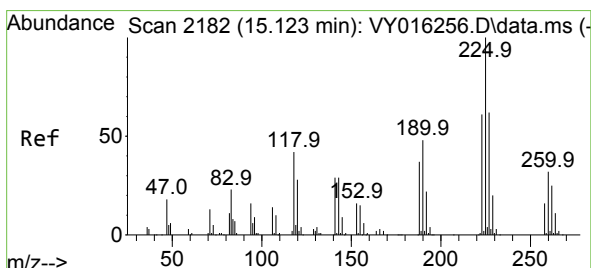
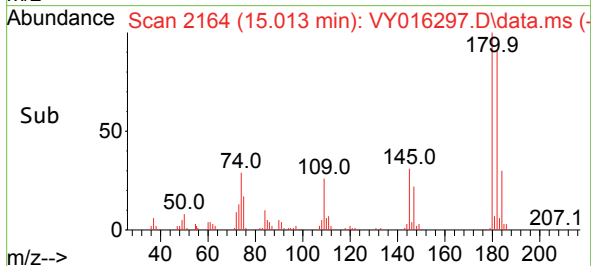
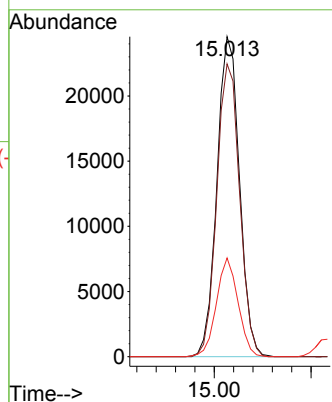
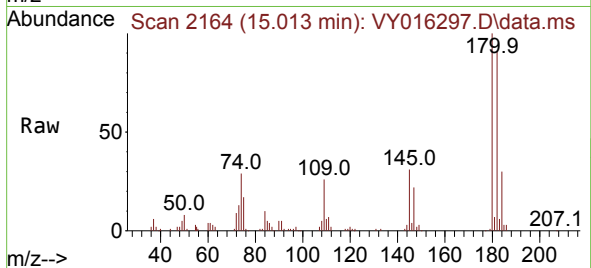
Tgt Ion:180 Resp: 39575

Ion Ratio Lower Upper

180 100

182 92.6 47.0 141.2

145 29.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.249 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

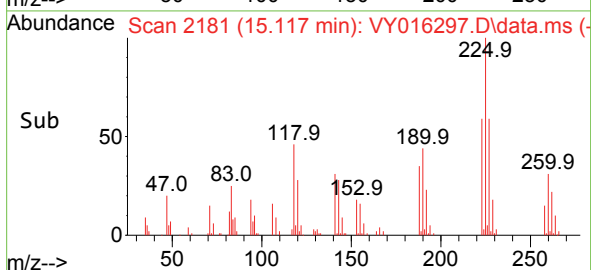
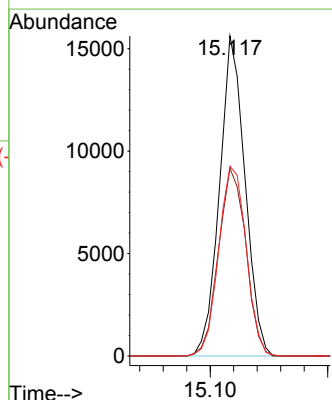
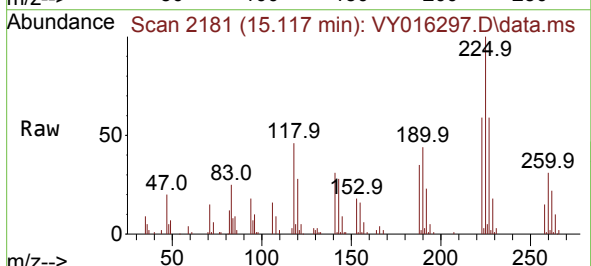
Tgt Ion:225 Resp: 23556

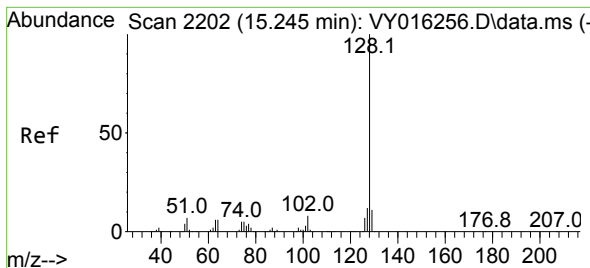
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.9

227 64.0 33.0 98.9





#95

Naphthalene

Concen: 20.212 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Instrument :

MSVOA_Y

ClientSampleId :

VY1110SBS01

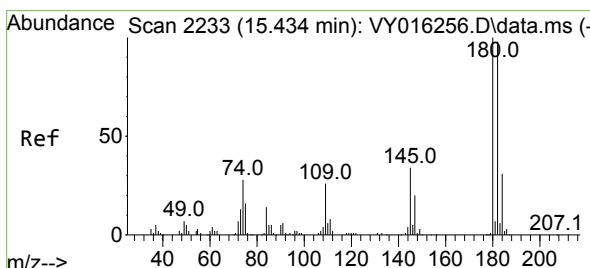
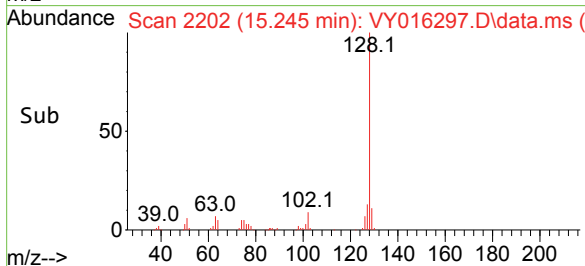
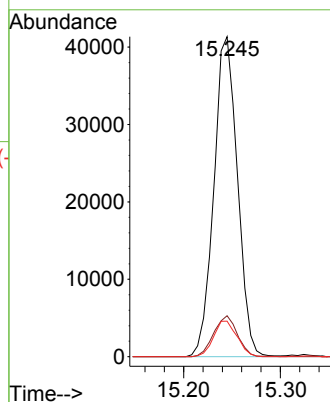
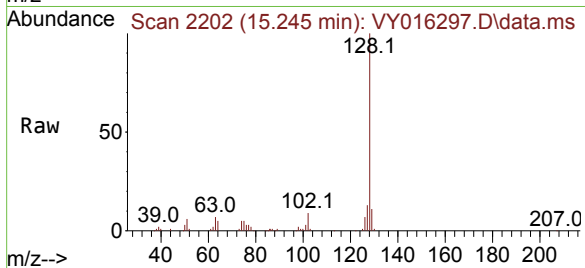
Tgt Ion:128 Resp: 69949

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.059 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016297.D

Acq: 10 Nov 2023 10:27

Tgt Ion:180 Resp: 32104

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.8

145 32.4 15.4 46.2

