

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
 Data File : VY016426.D
 Acq On : 20 Nov 2023 16:03
 Operator : SY/MD
 Sample : VY1120SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 05:14:28 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	151823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	249328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	218039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	106206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	71052	51.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.400%
35) Dibromofluoromethane	7.728	113	76221	53.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.640%
50) Toluene-d8	10.191	98	288676	50.261	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.520%
62) 4-Bromofluorobenzene	12.495	95	97992	52.531	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.060%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	27981	18.822	ug/l	98
3) Chloromethane	2.119	50	29866	17.154	ug/l	95
4) Vinyl Chloride	2.259	62	31483	16.816	ug/l	93
5) Bromomethane	2.656	94	19843	16.128	ug/l	97
6) Chloroethane	2.802	64	21002	17.581	ug/l	100
7) Trichlorofluoromethane	3.137	101	54398	19.972	ug/l	99
8) Diethyl Ether	3.540	74	17313	21.268	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.918	101	32643	19.898	ug/l	97
10) Methyl Iodide	4.107	142	34474	19.457	ug/l	97
11) Tert butyl alcohol	4.972	59	11777	108.384	ug/l #	82
12) 1,1-Dichloroethene	3.887	96	29245	19.062	ug/l	83
13) Acrolein	3.747	56	12305	93.886	ug/l	98
14) Allyl chloride	4.491	41	39363	18.080	ug/l #	91
15) Acrylonitrile	5.180	53	35607	110.218	ug/l	96
16) Acetone	3.954	43	35249	153.573	ug/l #	88
17) Carbon Disulfide	4.210	76	74374	16.067	ug/l	99
18) Methyl Acetate	4.491	43	25941	21.269	ug/l #	88
19) Methyl tert-butyl Ether	5.234	73	79014	21.279	ug/l	98
20) Methylene Chloride	4.728	84	52341	30.954	ug/l #	88
21) trans-1,2-Dichloroethene	5.234	96	33179	18.783	ug/l	91
22) Diisopropyl ether	6.131	45	92596	19.735	ug/l	88
23) Vinyl Acetate	6.076	43	225623	99.240	ug/l #	91
24) 1,1-Dichloroethane	6.033	63	57883	19.997	ug/l	95
25) 2-Butanone	6.996	43	50272	125.046	ug/l	93
26) 2,2-Dichloropropane	6.996	77	55438	21.043	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	38752	20.356	ug/l	91
28) Bromochloromethane	7.344	49	21210	19.798	ug/l #	82
29) Tetrahydrofuran	7.368	42	27693	104.216	ug/l #	86
30) Chloroform	7.521	83	62643	20.791	ug/l	97
31) Cyclohexane	7.801	56	46952	17.186	ug/l	85
32) 1,1,1-Trichloroethane	7.716	97	57301	20.747	ug/l	96
36) 1,1-Dichloropropene	7.929	75	46833	19.043	ug/l	95
37) Ethyl Acetate	7.088	43	20317	20.446	ug/l #	92
38) Carbon Tetrachloride	7.917	117	78024	30.568	ug/l	97
39) Methylcyclohexane	9.197	83	54169	17.676	ug/l	91
40) Benzene	8.173	78	135203	19.567	ug/l	99

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 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 05:14:28 2023
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	26556	53.002	ug/l #	17
42) 1,2-Dichloroethane	8.246	62	37676	21.044	ug/l	92
43) Isopropyl Acetate	8.283	43	38834	20.218	ug/l #	88
44) Trichloroethene	8.953	130	39758	20.021	ug/l	94
45) 1,2-Dichloropropane	9.228	63	33361	20.104	ug/l	97
46) Dibromomethane	9.319	93	18964	21.089	ug/l	98
47) Bromodichloromethane	9.508	83	48812	21.114	ug/l	96
48) Methyl methacrylate	9.301	41	20299	19.122	ug/l #	80
49) 1,4-Dioxane	9.313	88	4427	463.720	ug/l #	55
51) 4-Methyl-2-Pentanone	10.081	43	102084	105.100	ug/l	88
52) Toluene	10.258	92	87265	19.979	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	47304	21.107	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	55041	20.562	ug/l #	87
55) 1,1,2-Trichloroethane	10.654	97	27887	22.500	ug/l	92
56) Ethyl methacrylate	10.520	69	25635	21.911	ug/l #	83
57) 1,3-Dichloropropane	10.801	76	47752	22.602	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	87796	110.668	ug/l	95
59) 2-Hexanone	10.843	43	82224	113.808	ug/l	86
60) Dibromochloromethane	10.996	129	35911	23.167	ug/l	99
61) 1,2-Dibromoethane	11.099	107	26129	22.128	ug/l	100
64) Tetrachloroethene	10.733	164	41244	21.067	ug/l	97
65) Chlorobenzene	11.532	112	95980	20.603	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	38112	22.181	ug/l #	77
67) Ethyl Benzene	11.605	91	297695	35.558	ug/l #	82
68) m/p-Xylenes	11.715	106	129436	40.762	ug/l	93
69) o-Xylene	12.154	106	12382	4.200	ug/l	37
70) Styrene	12.056	104	90578	21.456	ug/l	91
71) Bromoform	12.221	173	21256	23.842	ug/l #	100
73) Isopropylbenzene	12.343	105	192344	22.365	ug/l	94
74) N-amyl acetate	12.154	43	34216	19.807	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.593	83	30047	21.772	ug/l	71
76) 1,2,3-Trichloropropane	12.629	75	73751	72.389	ug/l #	100
77) Bromobenzene	12.623	156	39858	20.505	ug/l	90
78) n-propylbenzene	12.684	91	195876	19.272	ug/l	98
79) 2-Chlorotoluene	12.770	91	108791	19.423	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	136401	19.671	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	11151	23.757	ug/l #	84
82) 4-Chlorotoluene	12.867	91	113377	19.589	ug/l	99
83) tert-Butylbenzene	13.087	119	123974	20.298	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.135	105	134794	19.742	ug/l	97
85) sec-Butylbenzene	13.263	105	171396	19.643	ug/l	100
86) p-Isopropyltoluene	13.379	119	177595	23.637	ug/l	91
87) 1,3-Dichlorobenzene	13.379	146	75305	20.137	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	76740	20.998	ug/l	99
89) n-Butylbenzene	13.709	91	136771	19.712	ug/l	97
90) Hexachloroethane	13.977	117	29492	20.349	ug/l	91
91) 1,2-Dichlorobenzene	13.751	146	66961	20.896	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	5557	25.309	ug/l	97
93) 1,2,4-Trichlorobenzene	15.019	180	41542	22.210	ug/l	96
94) Hexachlorobutadiene	15.123	225	24884	23.221	ug/l	96
95) Naphthalene	15.251	128	80490	24.060	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	35822	23.154	ug/l	98

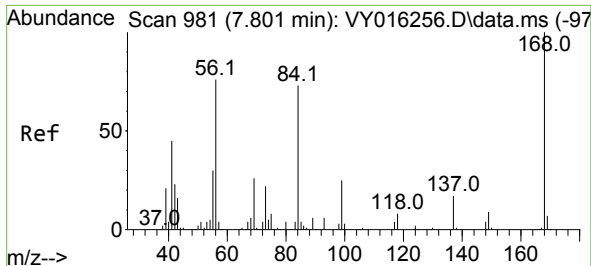
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
Data File : VY016426.D
Acq On : 20 Nov 2023 16:03
Operator : SY/MD
Sample : VY1120SBSD02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 21 05:14:28 2023
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Quant Title : SW846 8260
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Response via : Initial Calibration

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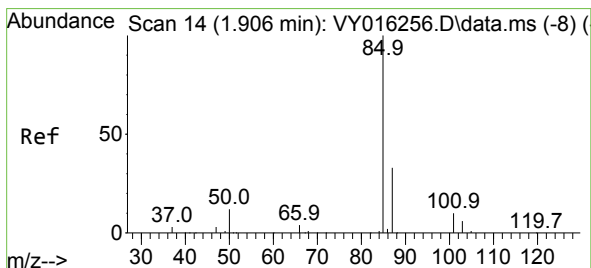
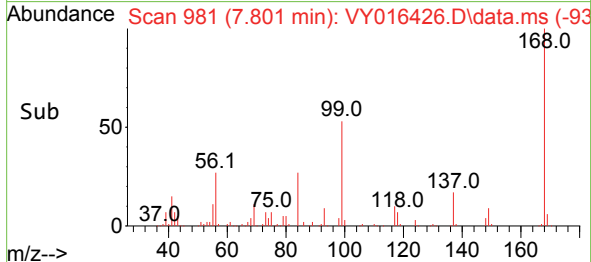
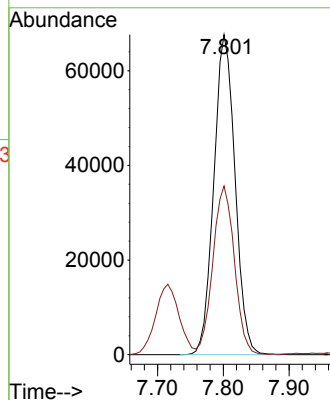
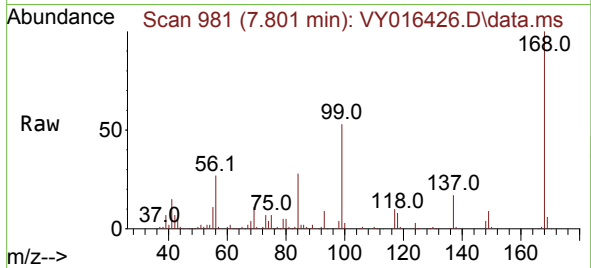
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

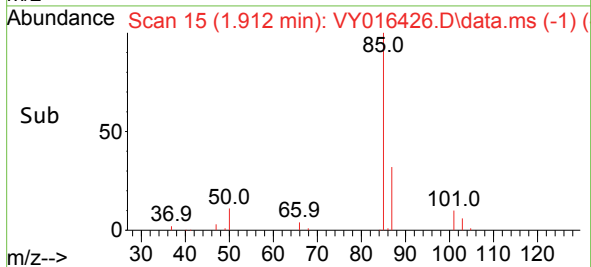
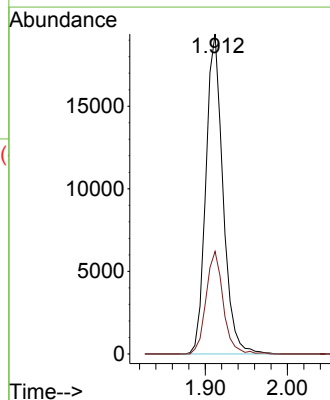
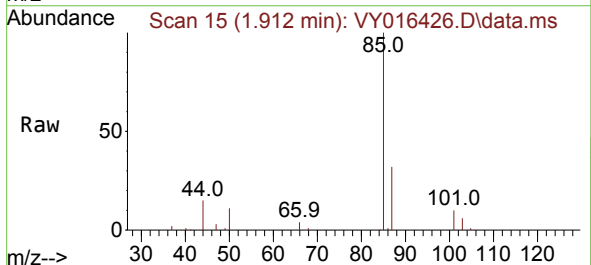
Instrument :
MSVOA_Y
ClientSampleId :

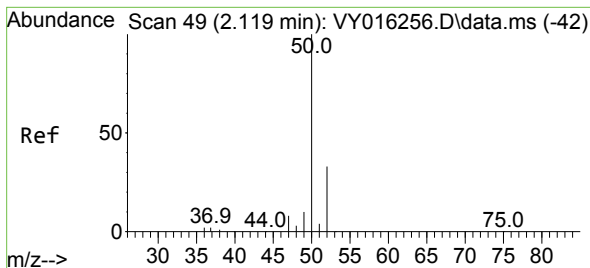
Tgt Ion:168 Resp: 151823
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.822 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Tgt Ion: 85 Resp: 27981
Ion Ratio Lower Upper
85 100
87 32.1 15.6 46.8





#3

Chloromethane

Concen: 17.154 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

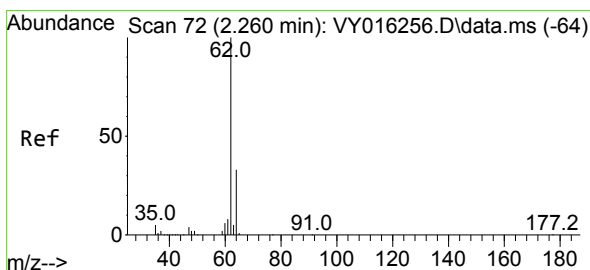
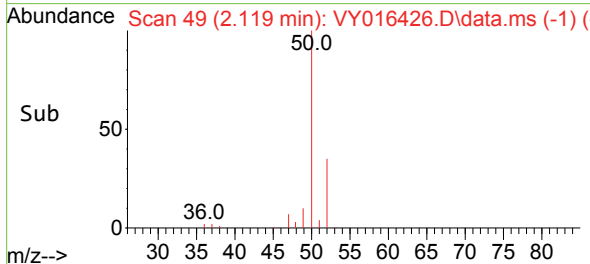
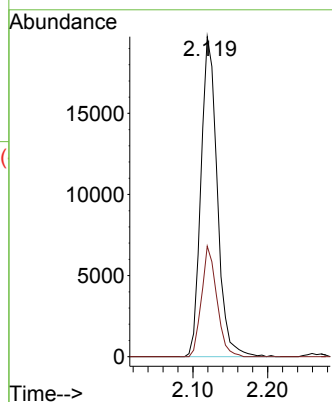
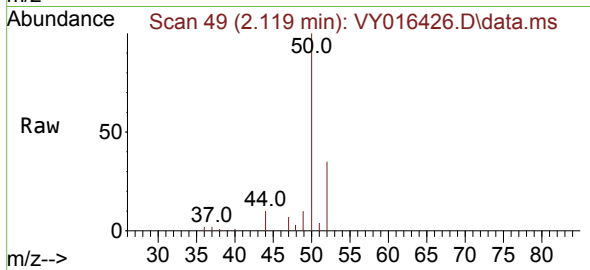
ClientSampleId :

Tgt Ion: 50 Resp: 29866

Ion Ratio Lower Upper

50 100

52 34.5 25.4 38.2



#4

Vinyl Chloride

Concen: 16.816 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016426.D

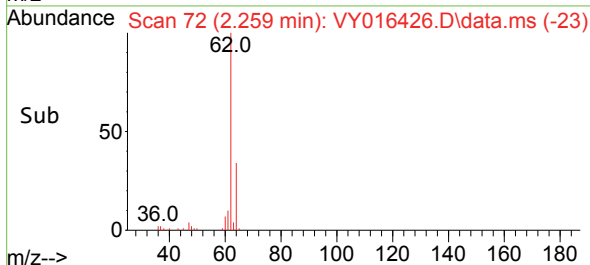
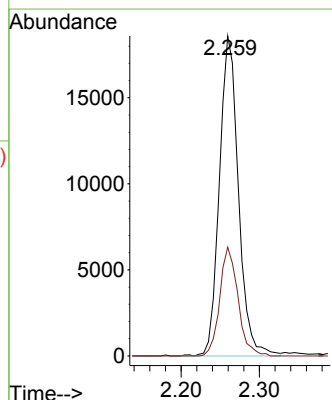
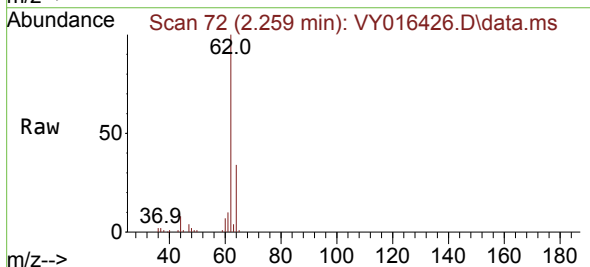
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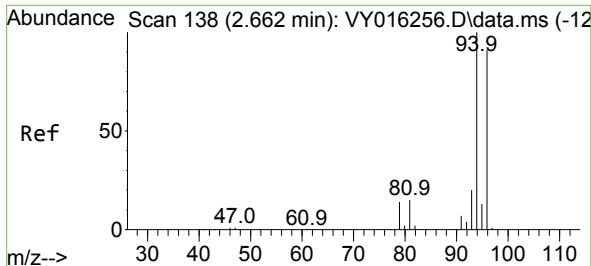
Tgt Ion: 62 Resp: 31483

Ion Ratio Lower Upper

62 100

64 34.0 24.3 36.5

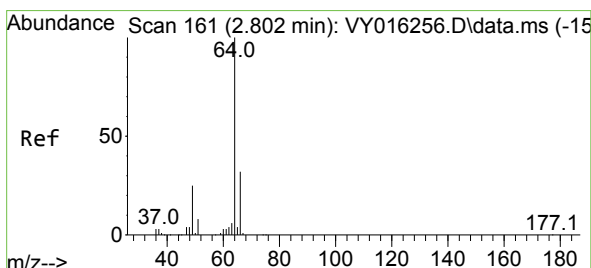
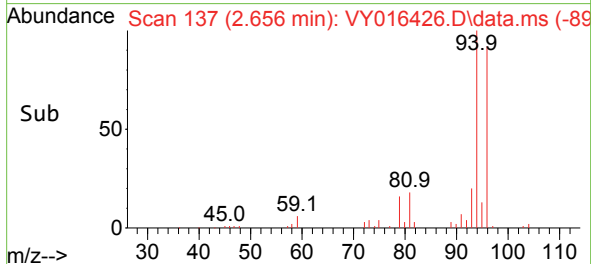
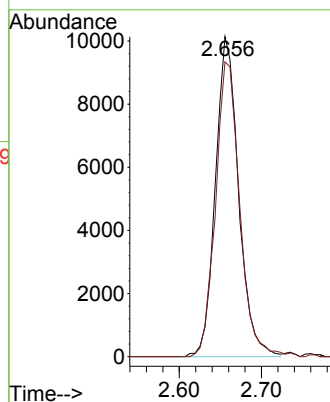
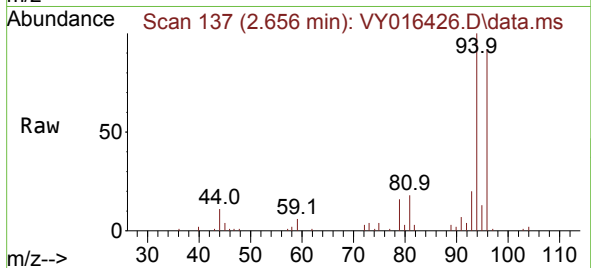




#5
Bromomethane
Concen: 16.128 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

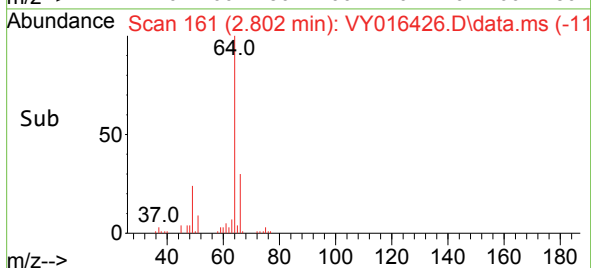
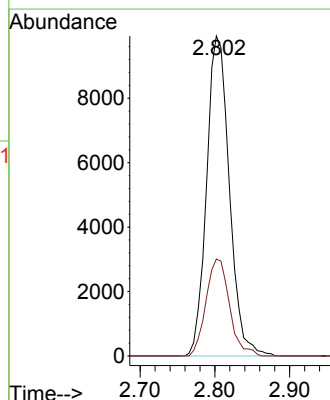
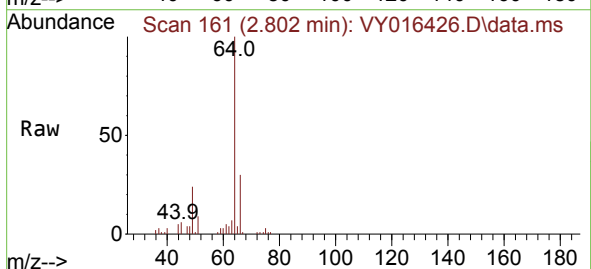
Instrument :
MSVOA_Y
ClientSampleId :

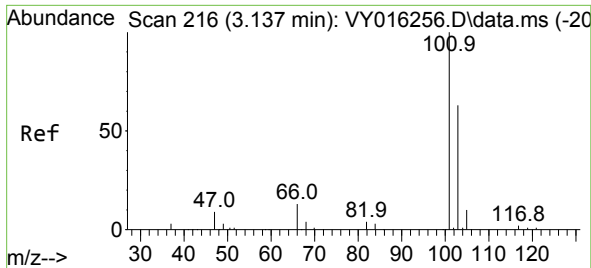
Tgt Ion: 94 Resp: 19843
Ion Ratio Lower Upper
94 100
96 92.2 75.8 113.6



#6
Chloroethane
Concen: 17.581 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

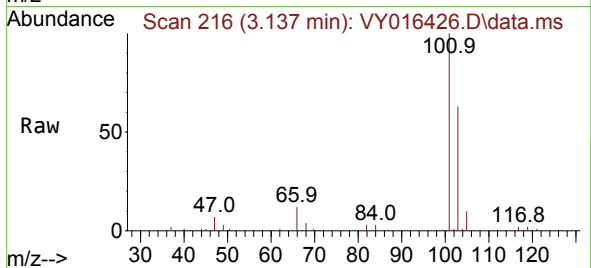
Tgt Ion: 64 Resp: 21002
Ion Ratio Lower Upper
64 100
66 30.3 24.4 36.6



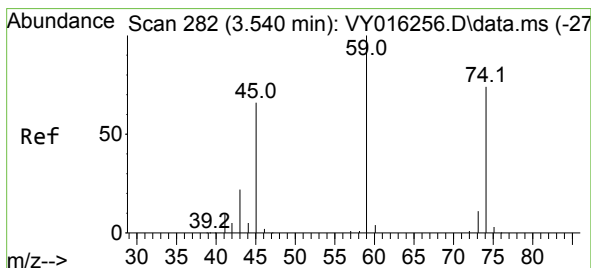
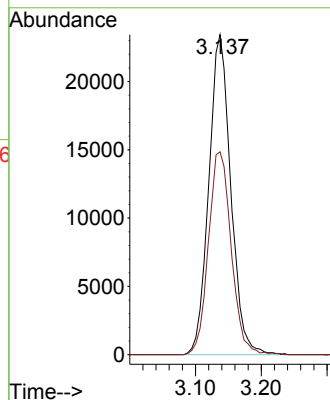
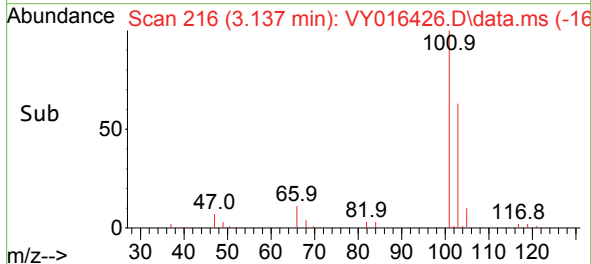


#7
 Trichlorofluoromethane
 Concen: 19.972 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016426.D
 Acq: 20 Nov 2023 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :

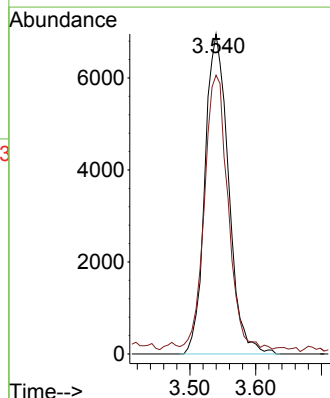
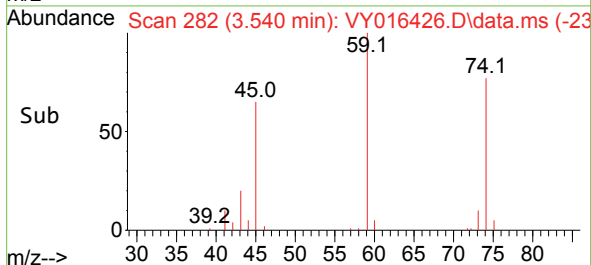
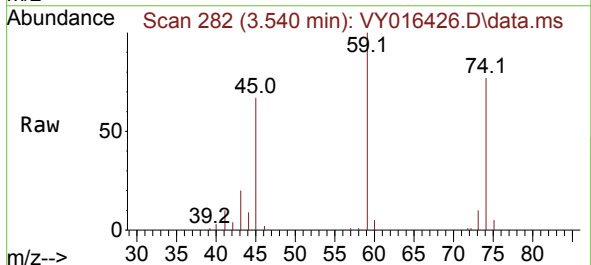


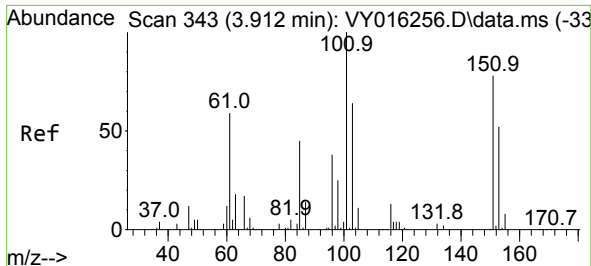
Tgt Ion:101 Resp: 54398
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.268 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY016426.D
 Acq: 20 Nov 2023 16:03

Tgt Ion: 74 Resp: 17313
 Ion Ratio Lower Upper
 74 100
 45 85.9 51.5 154.5

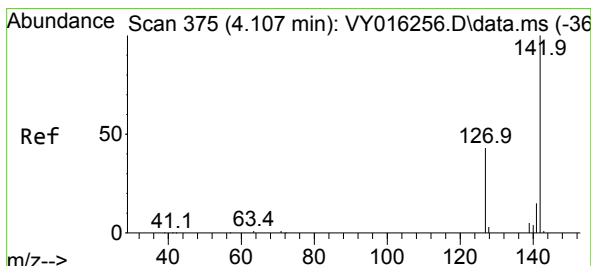
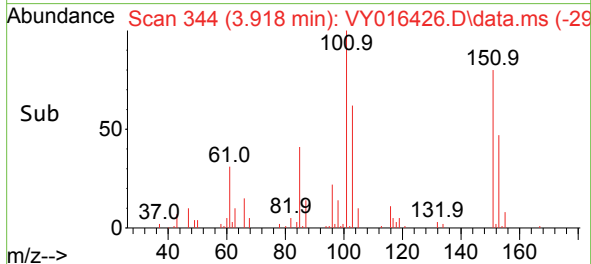
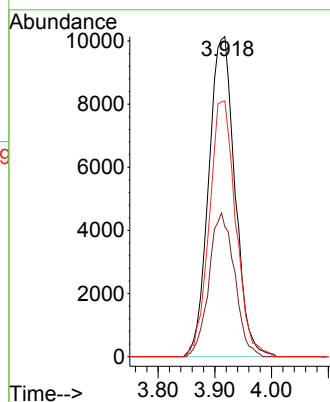
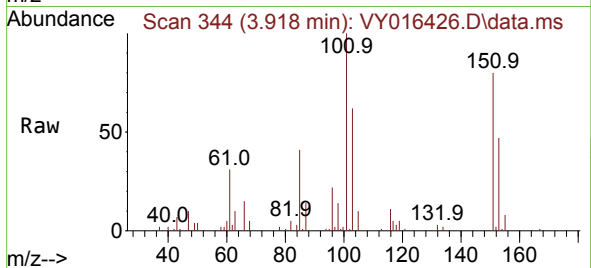




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.898 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

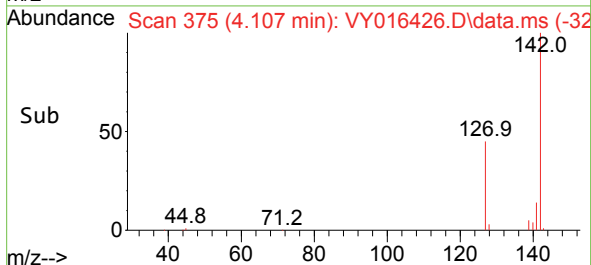
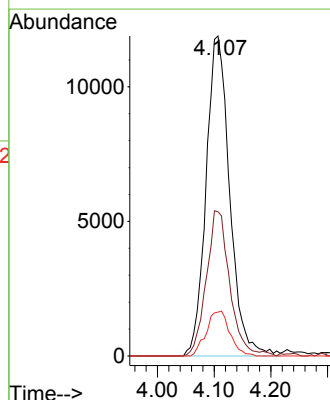
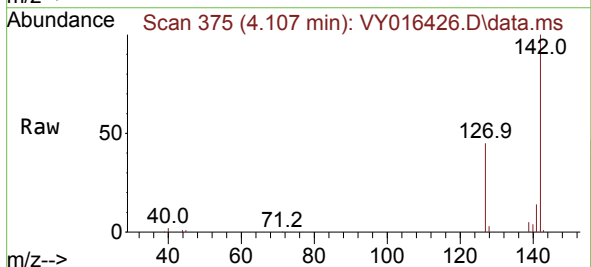
Instrument :
MSVOA_Y
ClientSampleId :

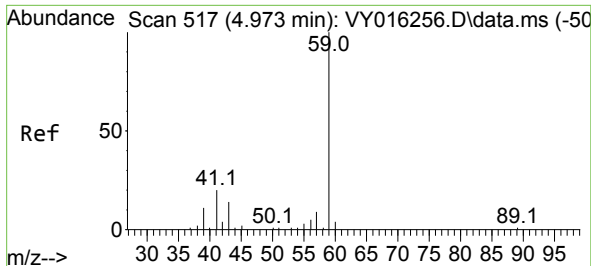
Tgt Ion:101 Resp: 32643
Ion Ratio Lower Upper
101 100
85 43.8 36.6 55.0
151 80.6 67.0 100.6



#10
Methyl Iodide
Concen: 19.457 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

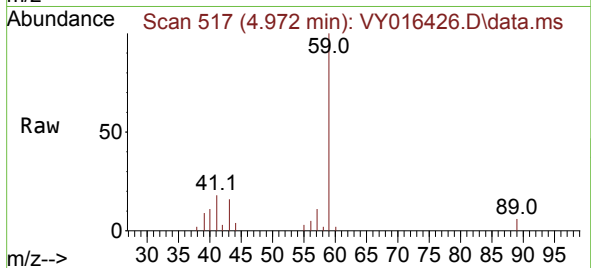
Tgt Ion:142 Resp: 34474
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 13.9 11.8 17.8



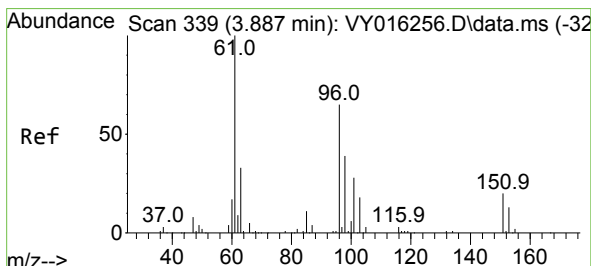
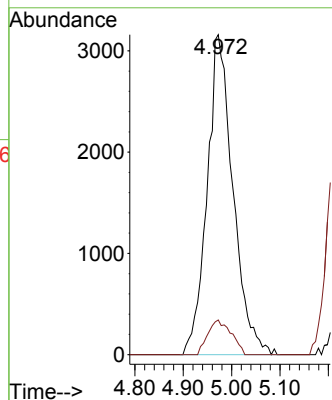
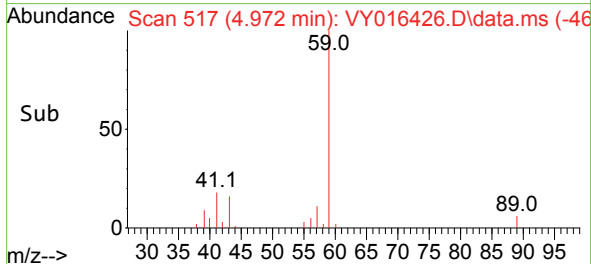


#11
Tert butyl alcohol
Concen: 108.384 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

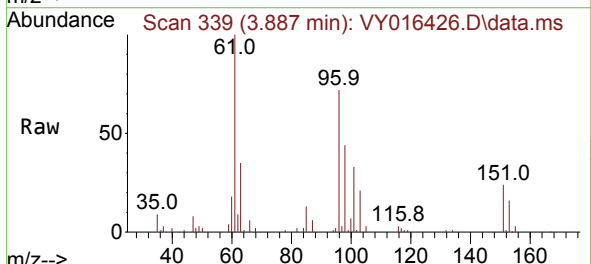
Instrument :
MSVOA_Y
ClientSampleId :



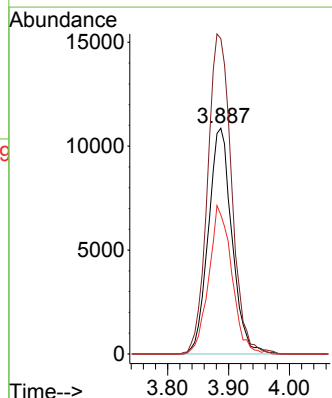
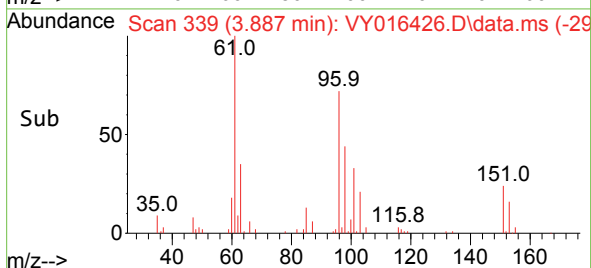
Tgt Ion: 59 Resp: 11777
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.4#

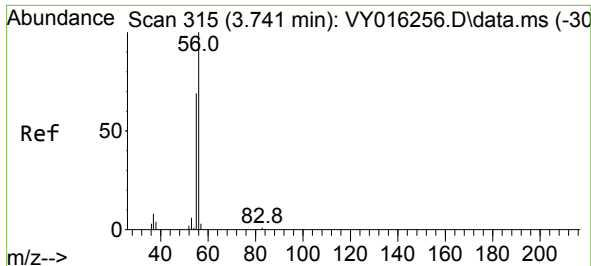


#12
1,1-Dichloroethene
Concen: 19.062 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03



Tgt Ion: 96 Resp: 29245
Ion Ratio Lower Upper
96 100
61 139.6 136.4 204.6
98 61.6 49.4 74.2





#13

Acrolein

Concen: 93.886 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

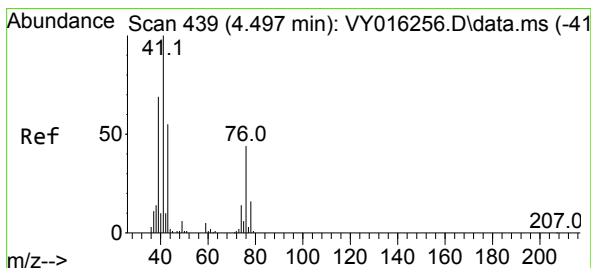
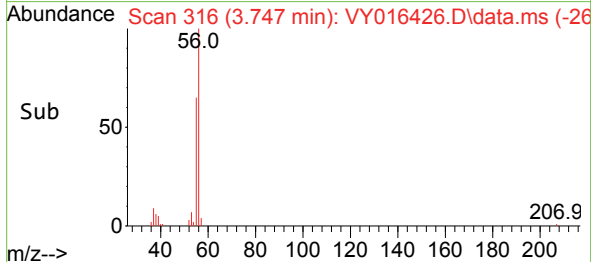
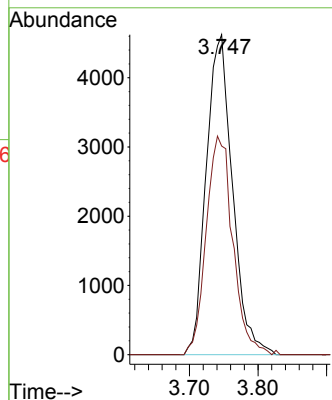
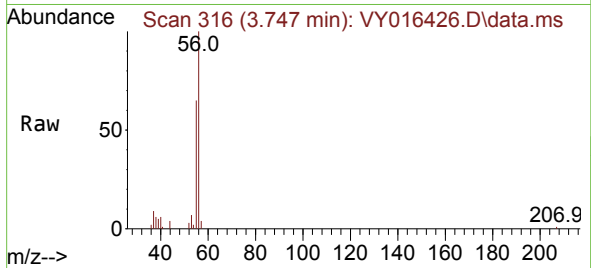
ClientSampleId :

Tgt Ion: 56 Resp: 12305

Ion Ratio Lower Upper

56 100

55 69.2 57.0 85.4



#14

Allyl chloride

Concen: 18.080 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

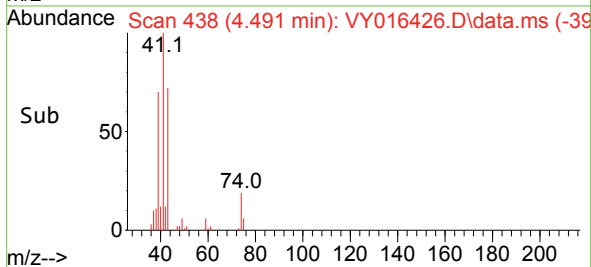
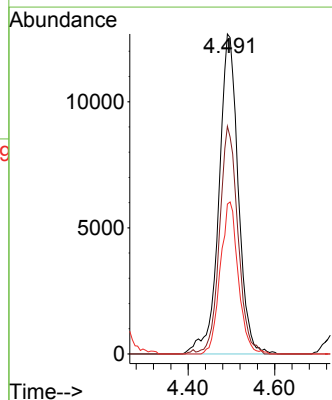
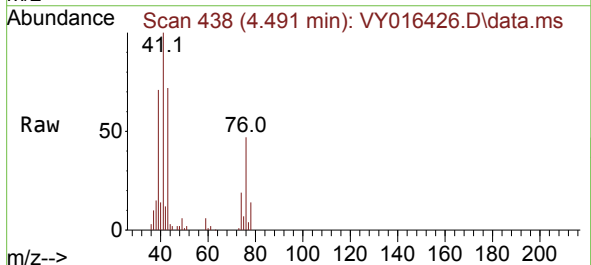
Tgt Ion: 41 Resp: 39363

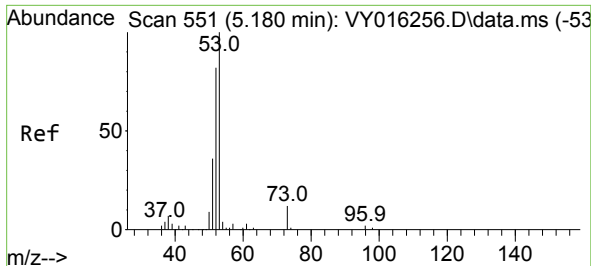
Ion Ratio Lower Upper

41 100

39 67.8 58.0 87.0

76 44.4 27.4 41.2#

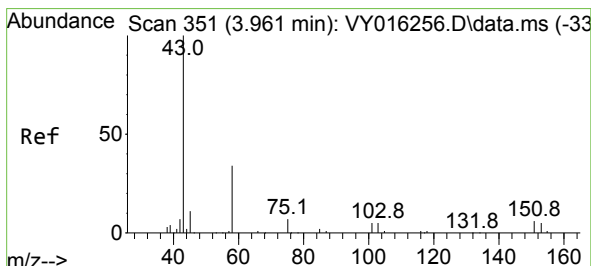
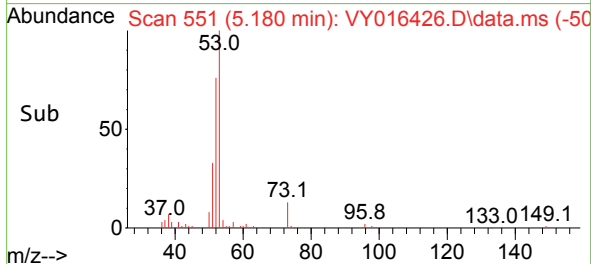
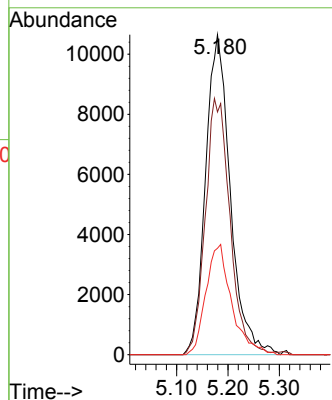
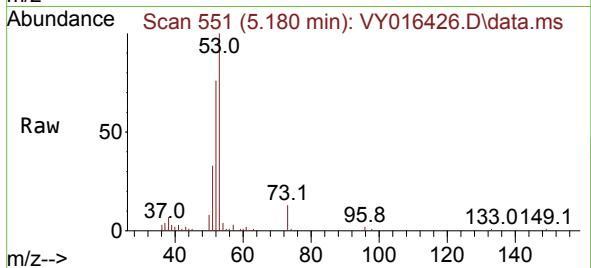




#15
Acrylonitrile
Concen: 110.218 ug/l
RT: 5.180 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

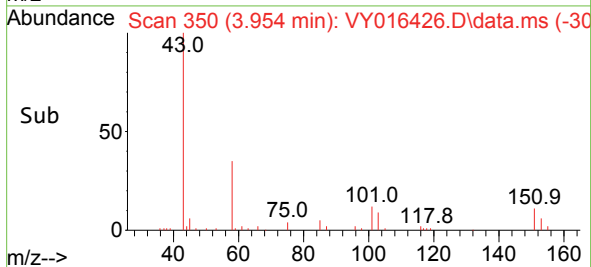
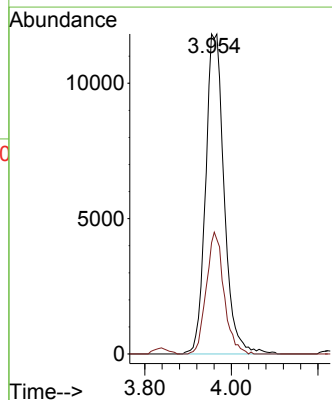
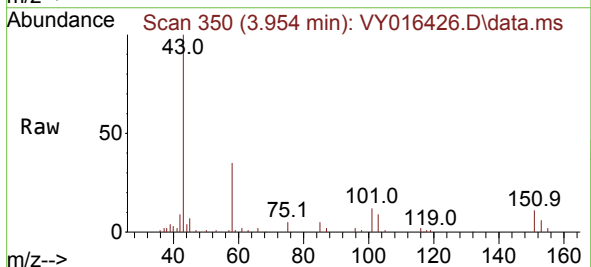
Instrument :
MSVOA_Y
ClientSampleId :

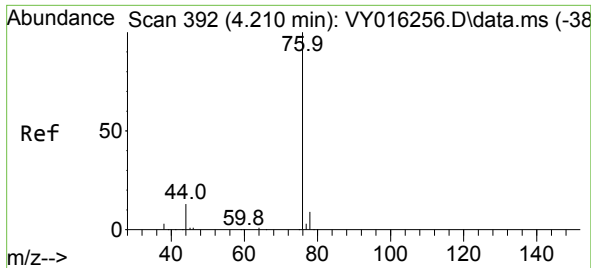
Tgt Ion:	53	Resp:	35607
Ion	Ratio	Lower	Upper
53	100		
52	79.7	66.9	100.3
51	35.8	29.8	44.6



#16
Acetone
Concen: 153.573 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Tgt Ion:	43	Resp:	35249
Ion	Ratio	Lower	Upper
43	100		
58	34.7	22.7	34.1#

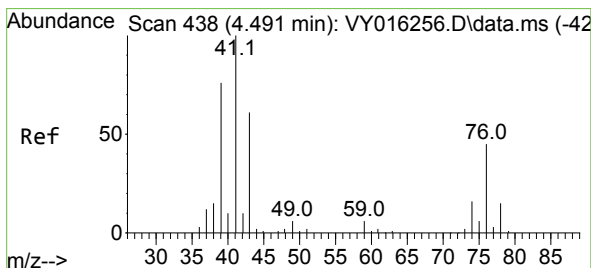
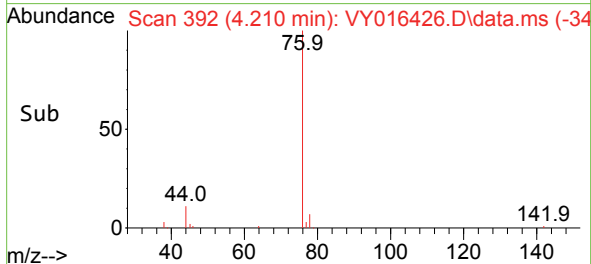
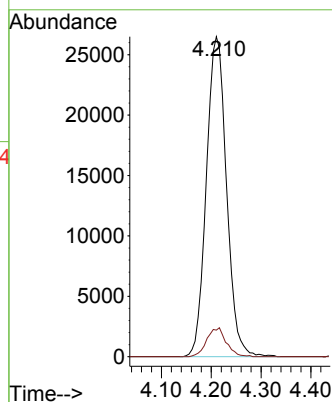
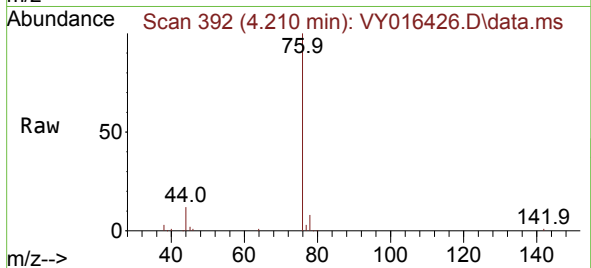




#17
Carbon Disulfide
Concen: 16.067 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

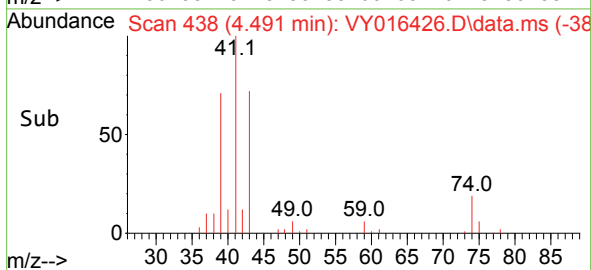
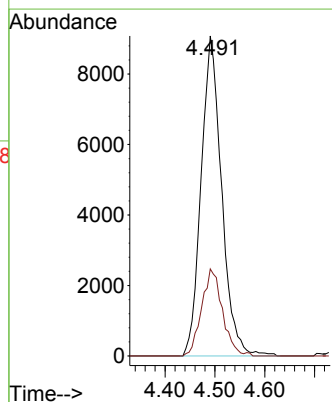
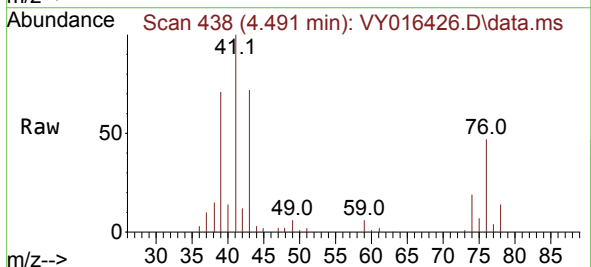
Instrument :
MSVOA_Y
ClientSampleId :

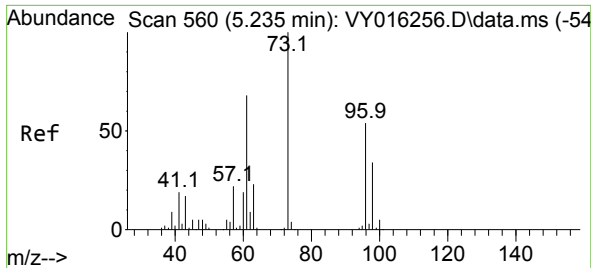
Tgt Ion: 76 Resp: 74374
Ion Ratio Lower Upper
76 100
78 8.3 7.0 10.4



#18
Methyl Acetate
Concen: 21.269 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Tgt Ion: 43 Resp: 25941
Ion Ratio Lower Upper
43 100
74 27.6 17.4 26.0#

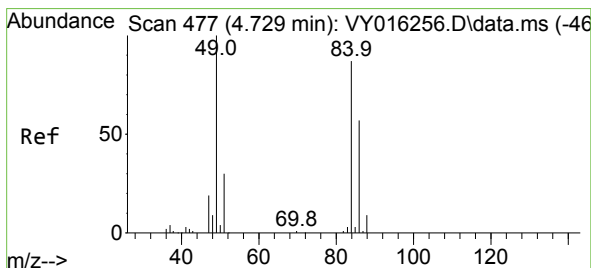
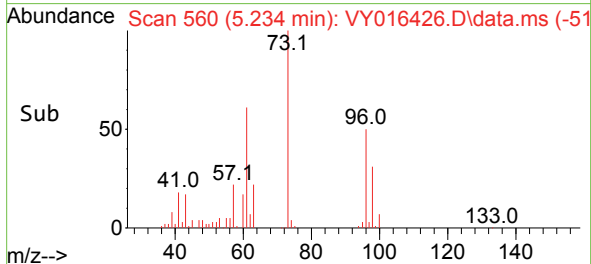
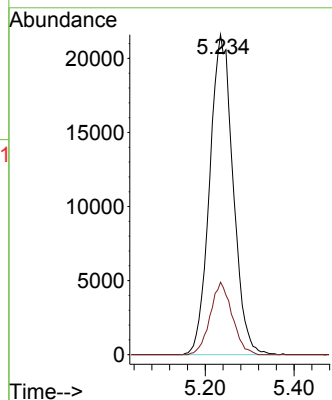
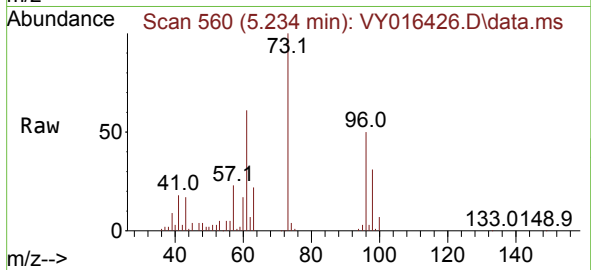




#19
Methyl tert-butyl Ether
Concen: 21.279 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

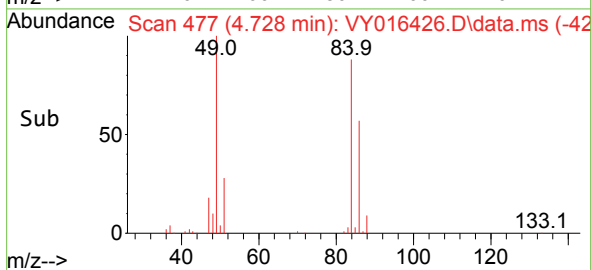
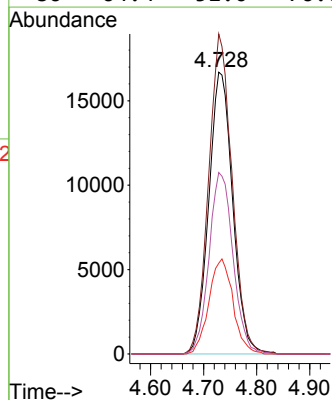
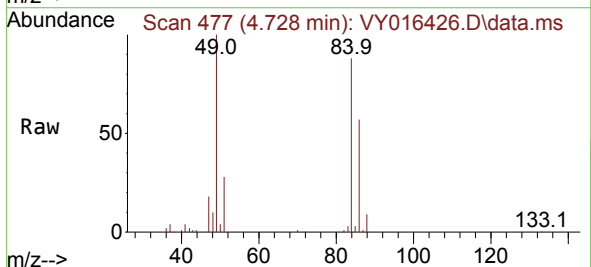
Instrument :
MSVOA_Y
ClientSampleId :

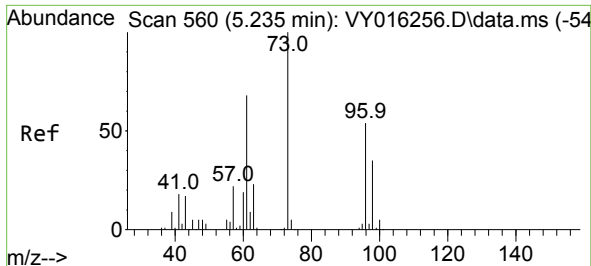
Tgt Ion: 73 Resp: 79014
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9



#20
Methylene Chloride
Concen: 30.954 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

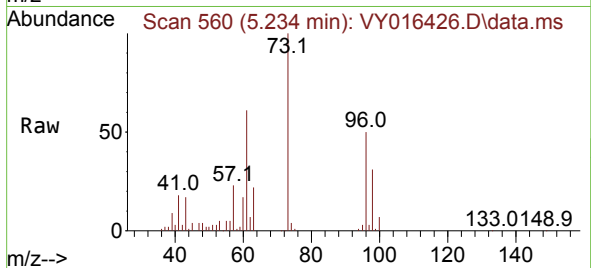
Tgt Ion: 84 Resp: 52341
Ion Ratio Lower Upper
84 100
49 113.6 106.9 160.3
51 32.2 33.2 49.8#
86 64.4 51.0 76.6



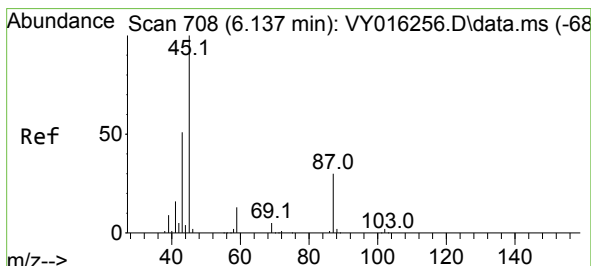
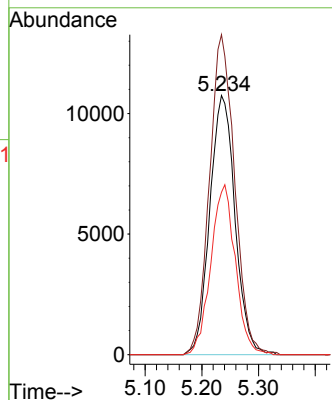
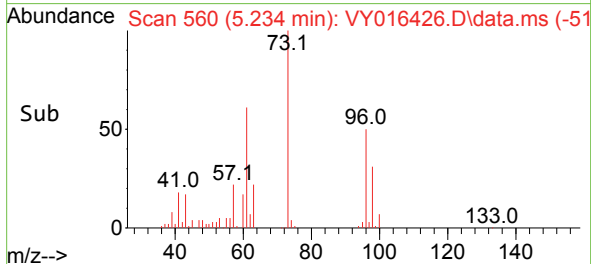


#21
trans-1,2-Dichloroethene
Concen: 18.783 ug/l
RT: 5.234 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

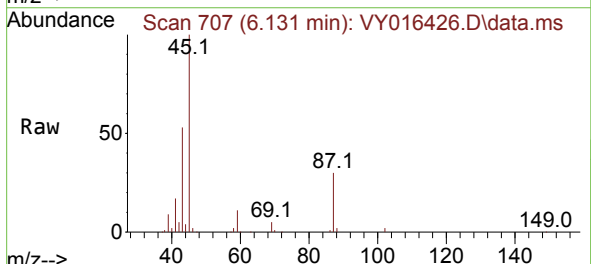
Instrument :
MSVOA_Y
ClientSampleId :



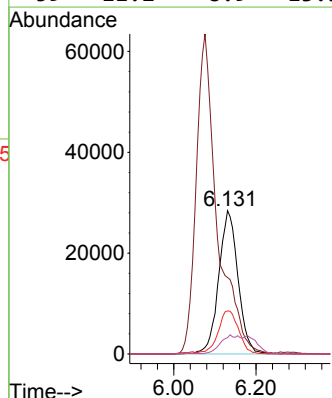
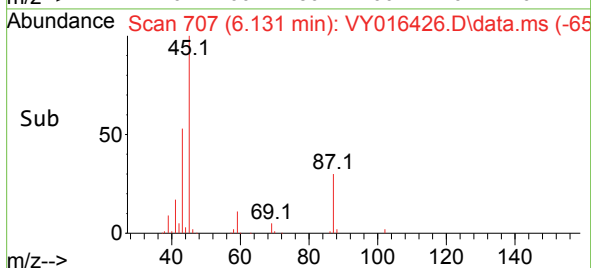
Tgt Ion: 96 Resp: 33179
Ion Ratio Lower Upper
96 100
61 123.4 110.2 165.4
98 62.7 51.8 77.6

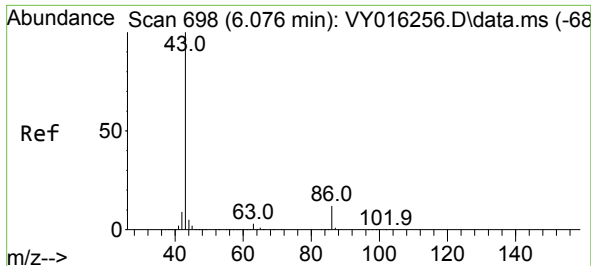


#22
Diisopropyl ether
Concen: 19.735 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03



Tgt Ion: 45 Resp: 92596
Ion Ratio Lower Upper
45 100
43 52.6 52.2 78.4
87 30.0 21.0 31.6
59 11.2 8.9 13.3

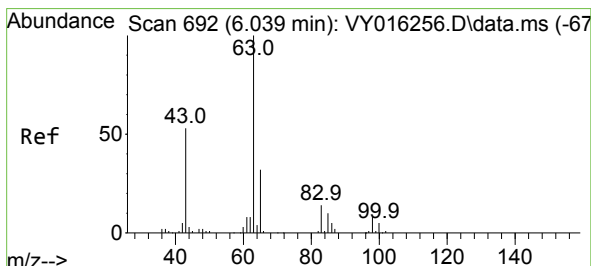
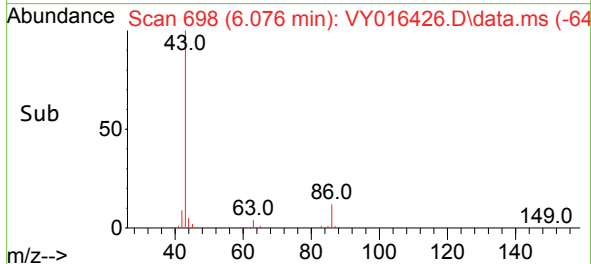
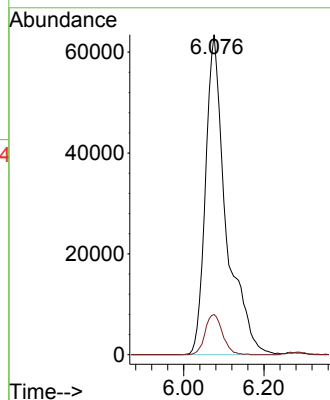
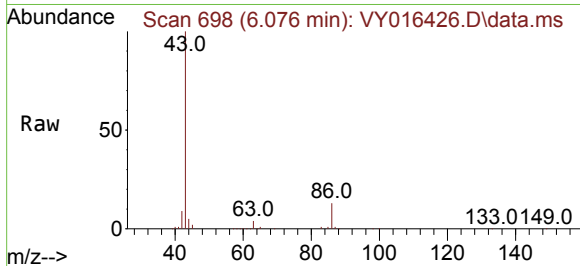




#23
 Vinyl Acetate
 Concen: 99.240 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016426.D
 Acq: 20 Nov 2023 16:03

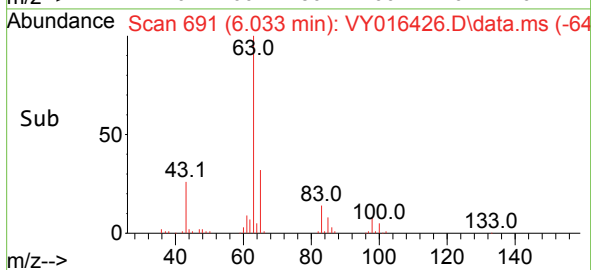
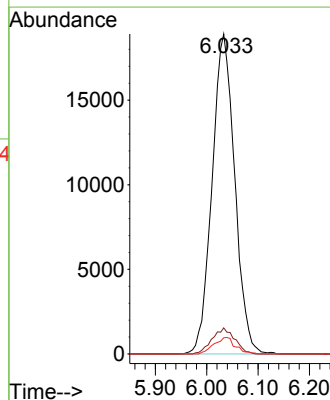
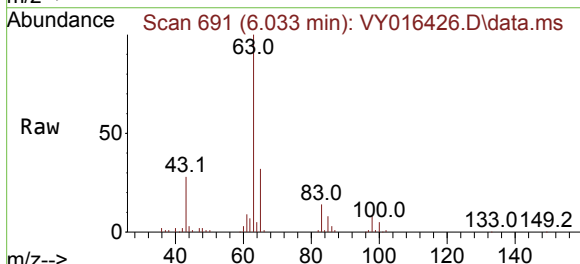
Instrument :
 MSVOA_Y
 ClientSampleId :

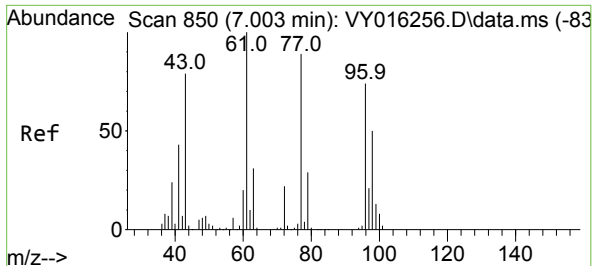
Tgt Ion: 43 Resp: 225623
 Ion Ratio Lower Upper
 43 100
 86 12.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.997 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY016426.D
 Acq: 20 Nov 2023 16:03

Tgt Ion: 63 Resp: 57883
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 5.0 1.8 5.5

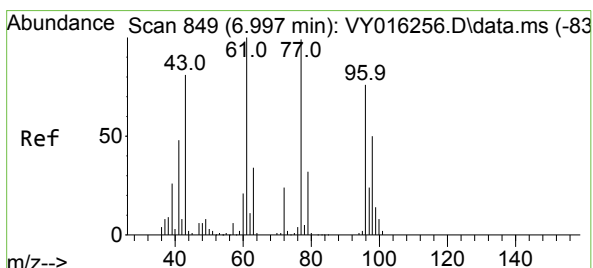
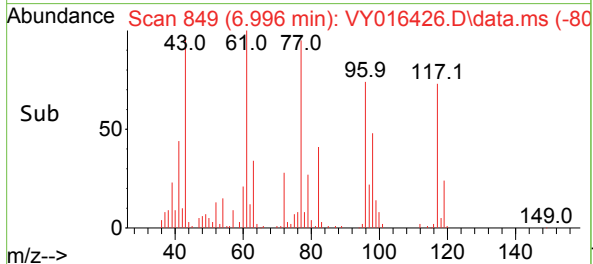
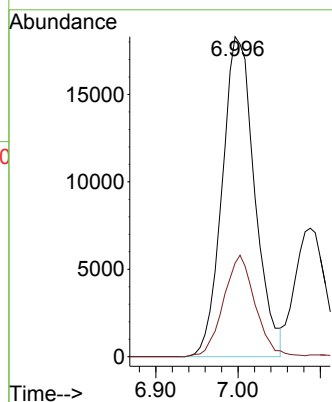
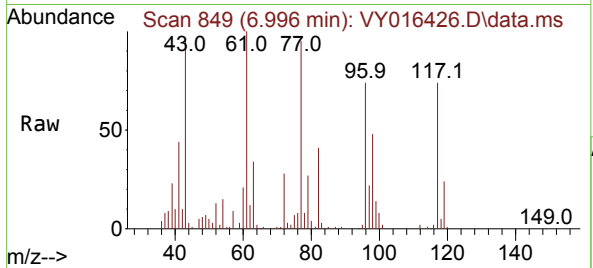




#25
2-Butanone
Concen: 125.046 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

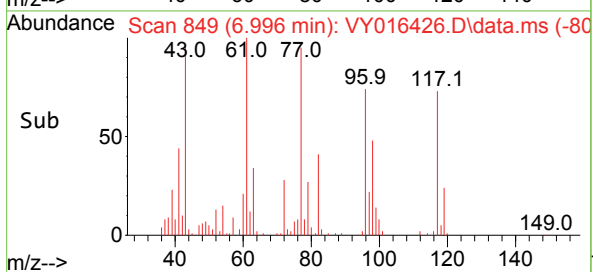
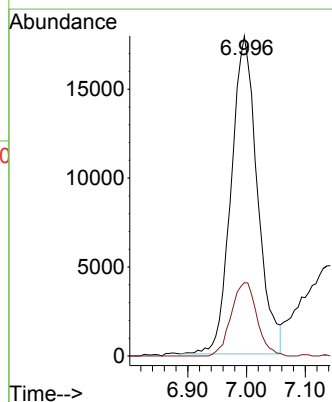
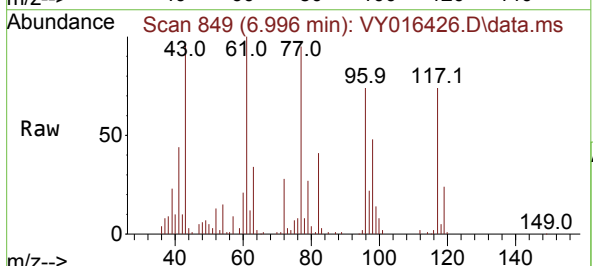
Instrument :
MSVOA_Y
ClientSampleId :

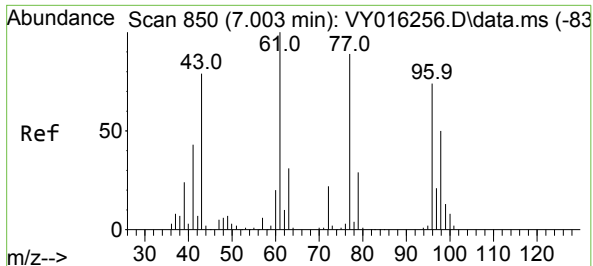
Tgt Ion: 43 Resp: 50272
Ion Ratio Lower Upper
43 100
72 29.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.043 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Tgt Ion: 77 Resp: 55438
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.356 ug/l

RT: 7.002 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

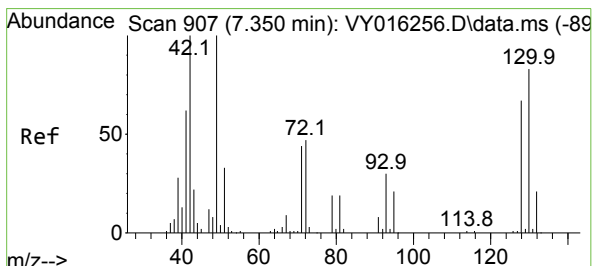
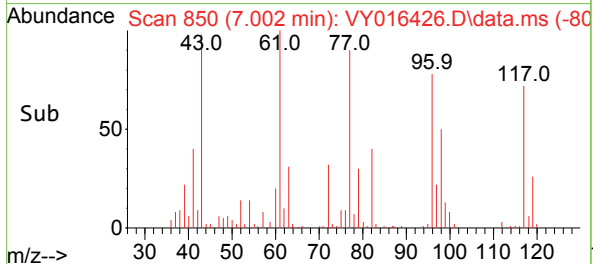
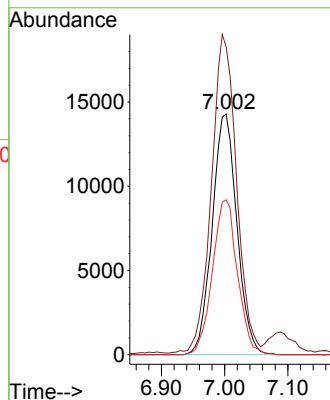
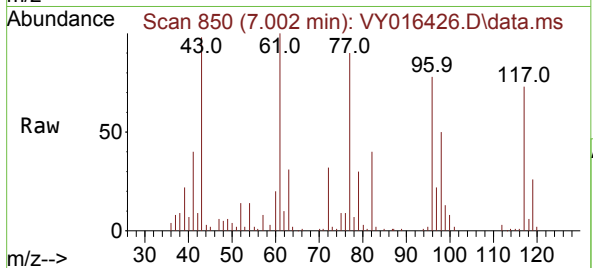
Tgt Ion: 96 Resp: 38752

Ion Ratio Lower Upper

96 100

61 134.1 0.0 301.4

98 65.2 0.0 130.4



#28

Bromochloromethane

Concen: 19.798 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

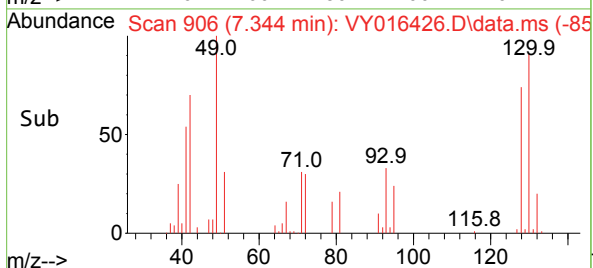
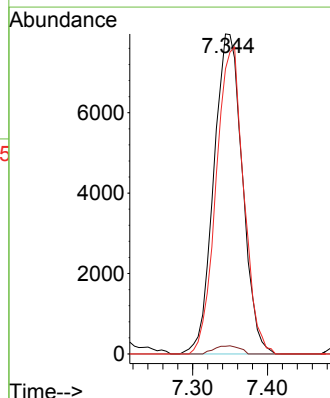
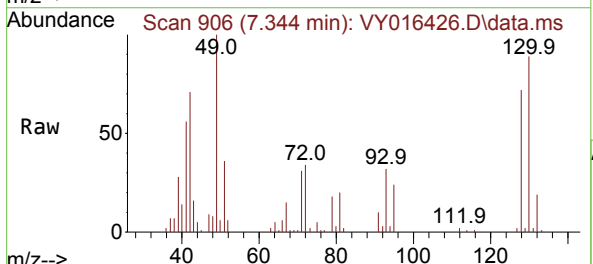
Tgt Ion: 49 Resp: 21210

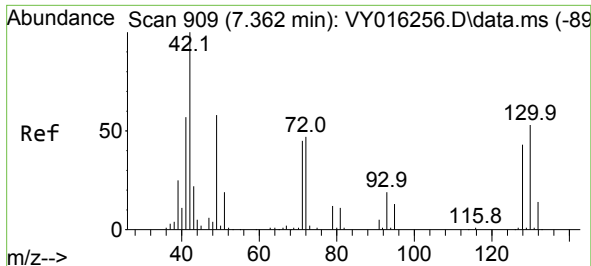
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 92.2 60.7 91.1#





#29

Tetrahydrofuran

Concen: 104.216 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

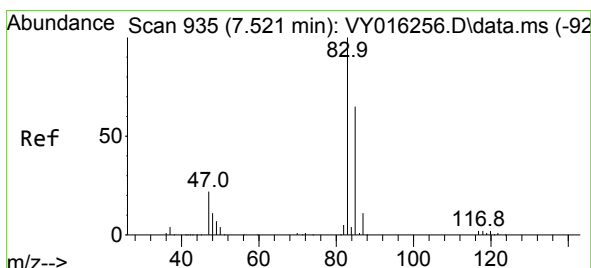
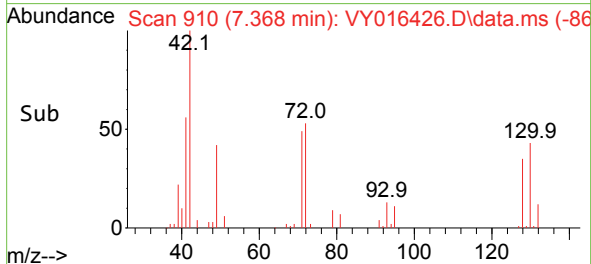
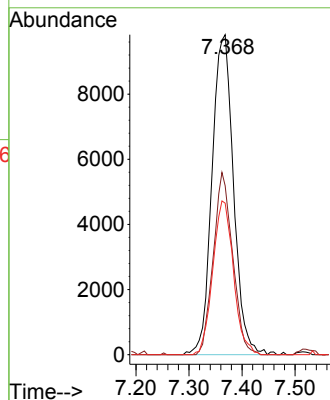
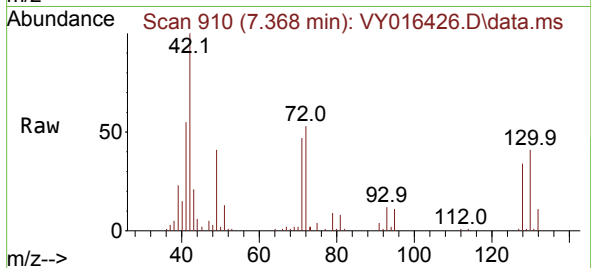
Tgt Ion: 42 Resp: 27693

Ion Ratio Lower Upper

42 100

72 51.3 32.8 49.2#

71 46.1 31.0 46.4



#30

Chloroform

Concen: 20.791 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016426.D

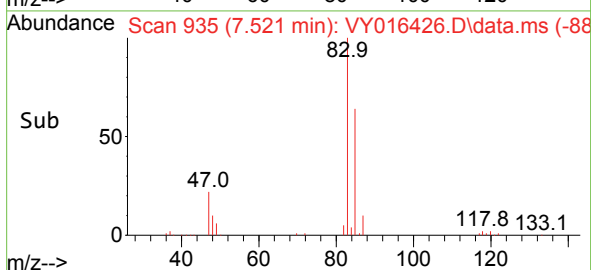
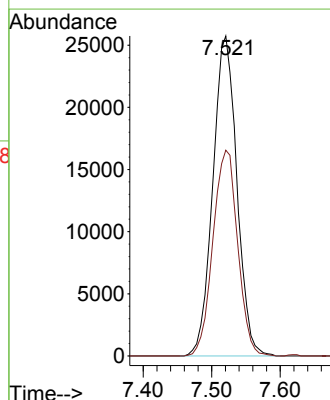
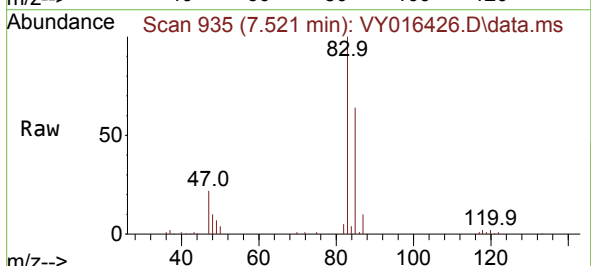
Acq: 20 Nov 2023 16:03

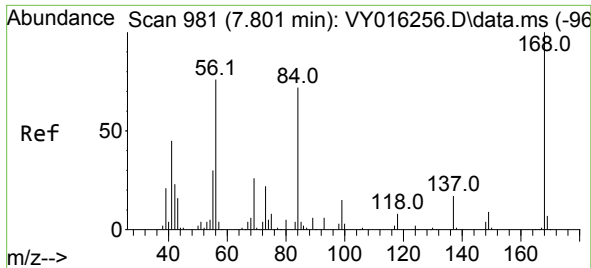
Tgt Ion: 83 Resp: 62643

Ion Ratio Lower Upper

83 100

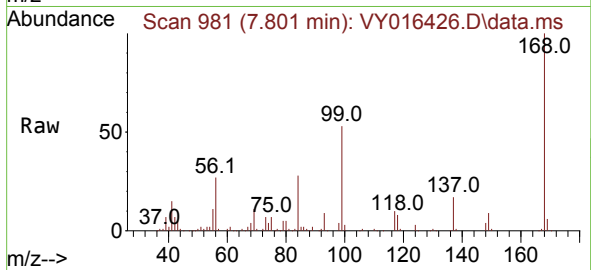
85 64.3 49.7 74.5



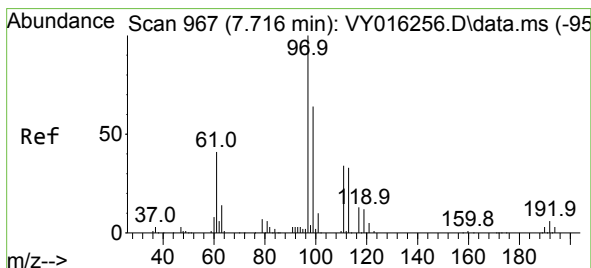
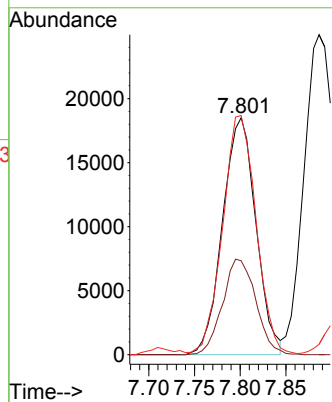
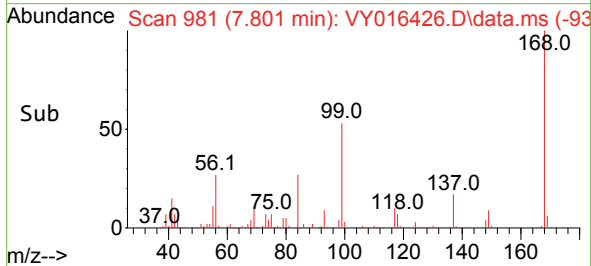


#31
Cyclohexane
Concen: 17.186 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :

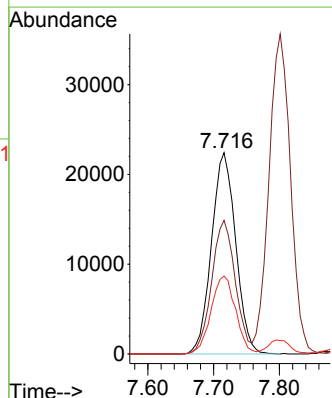
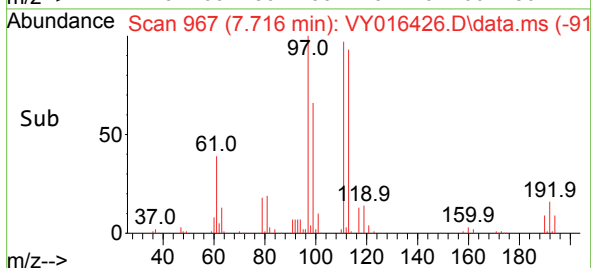
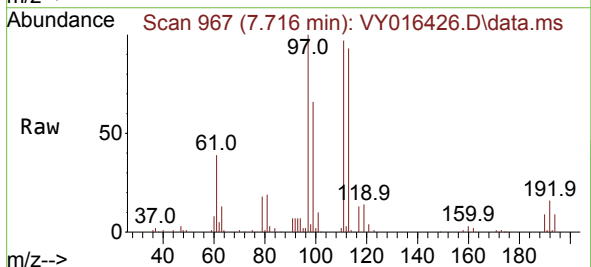


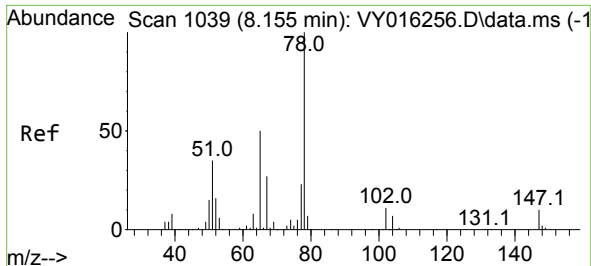
Tgt Ion: 56 Resp: 46952
Ion Ratio Lower Upper
56 100
69 39.6 27.8 41.6
84 99.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.747 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Tgt Ion: 97 Resp: 57301
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 39.4 35.1 52.7

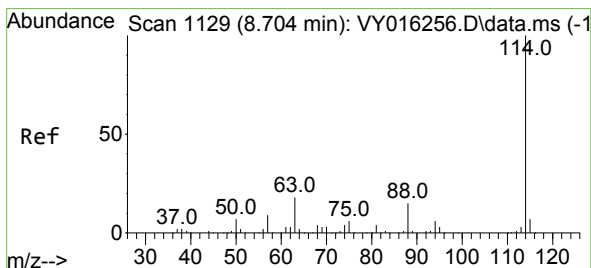
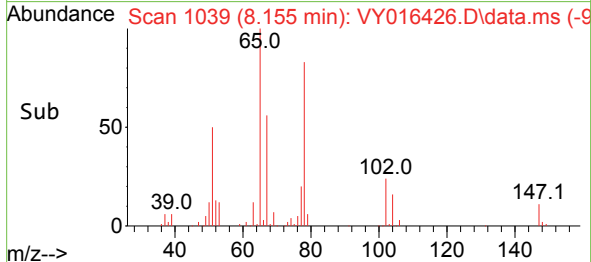
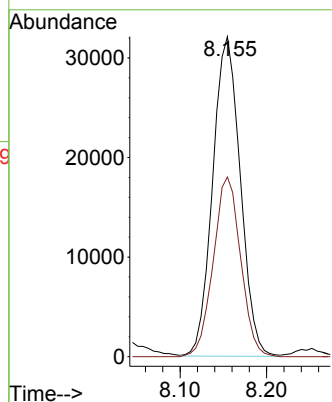
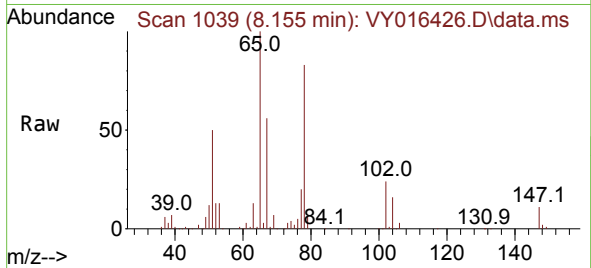




#33
 1,2-Dichloroethane-d4
 Concen: 51.205 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. -0.000 min
 Lab File: VY016426.D
 Acq: 20 Nov 2023 16:03

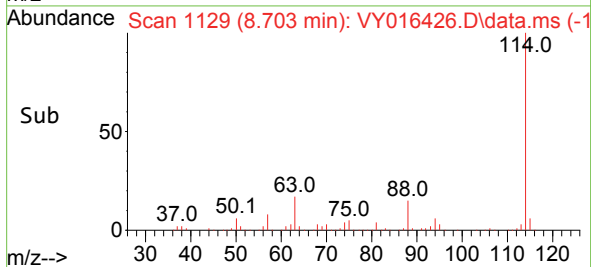
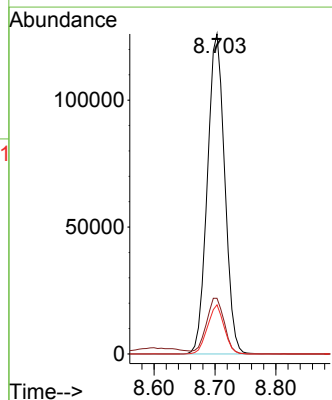
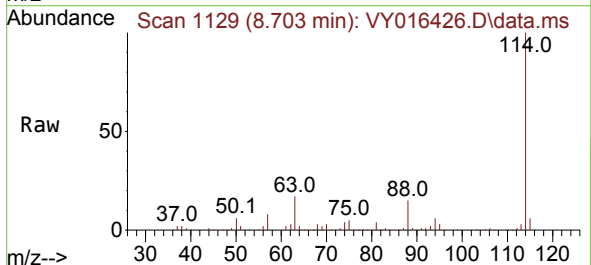
Instrument :
 MSVOA_Y
 ClientSampleId :

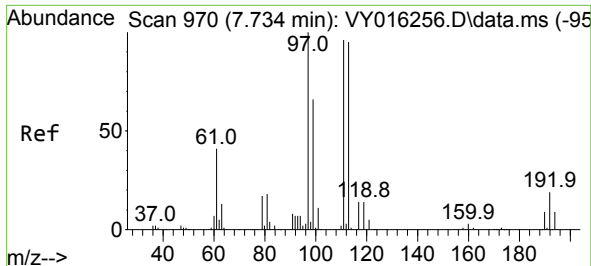
Tgt Ion: 65 Resp: 71052
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VY016426.D
 Acq: 20 Nov 2023 16:03

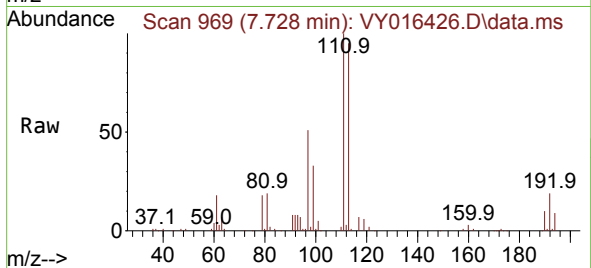
Tgt Ion: 114 Resp: 249328
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 42.4
 88 15.3 0.0 30.6



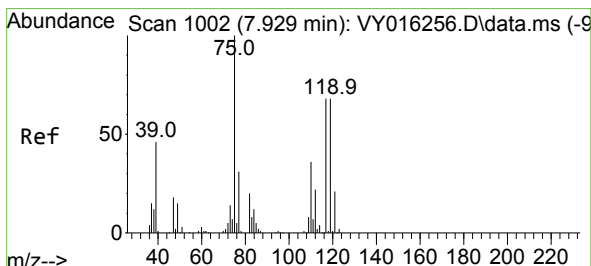
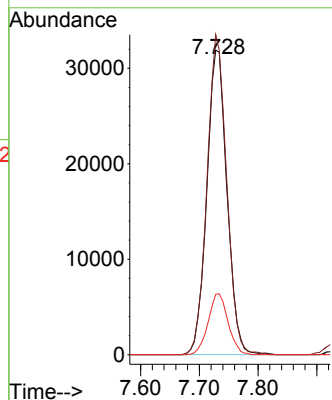
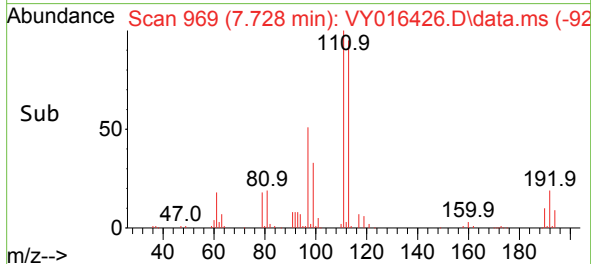


#35
Dibromofluoromethane
Concen: 53.815 ug/l
RT: 7.728 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

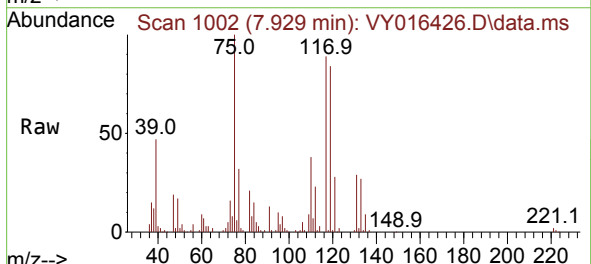
Instrument :
MSVOA_Y
ClientSampleId :



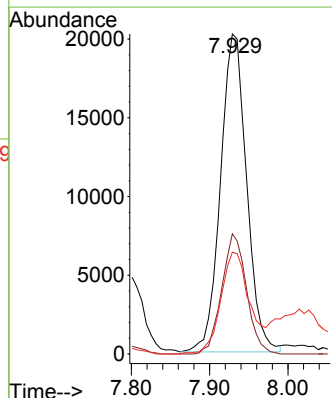
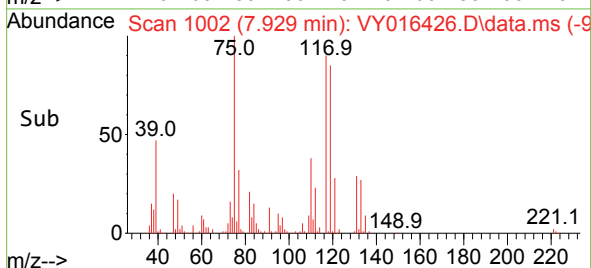
Tgt Ion:113 Resp: 76221
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.7 16.9 25.3

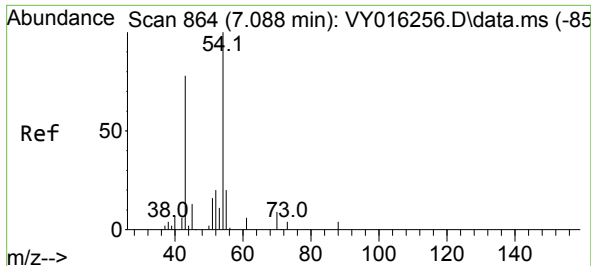


#36
1,1-Dichloropropene
Concen: 19.043 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03



Tgt Ion: 75 Resp: 46833
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 35.8 24.4 36.6

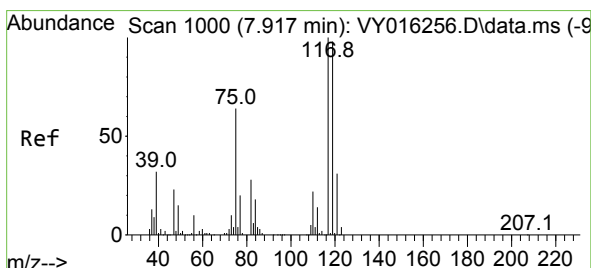
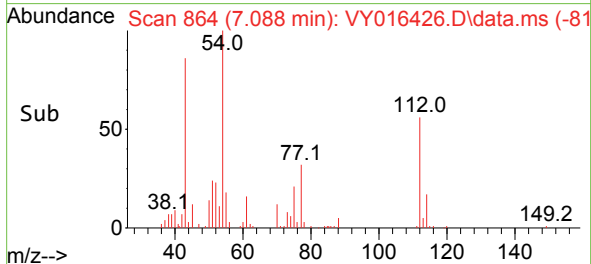
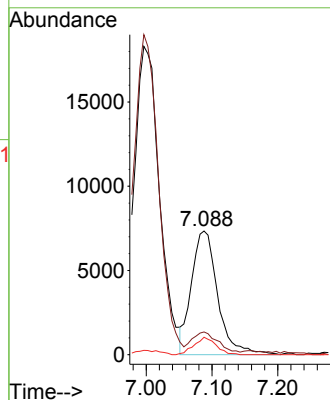
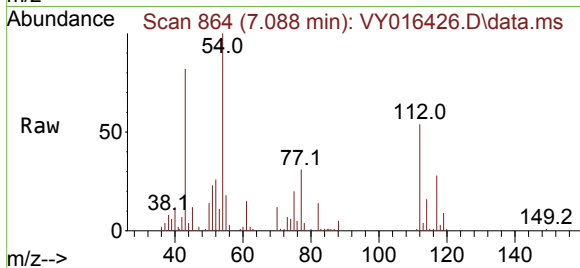




#37
Ethyl Acetate
Concen: 20.446 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

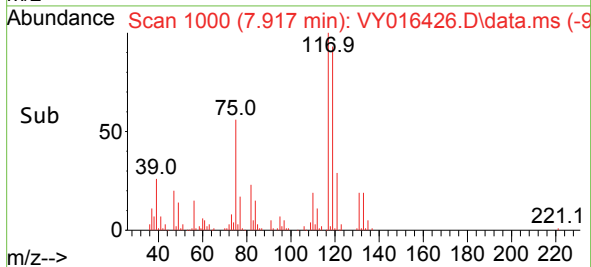
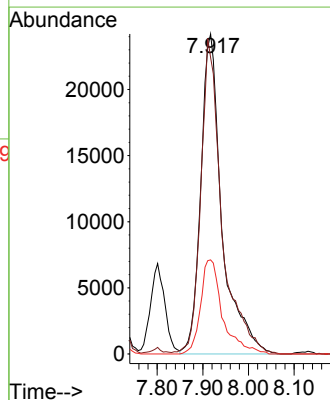
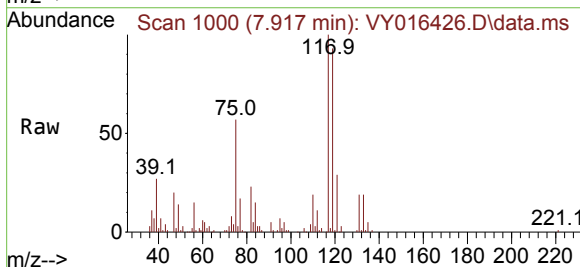
Instrument :
MSVOA_Y
ClientSampleId :

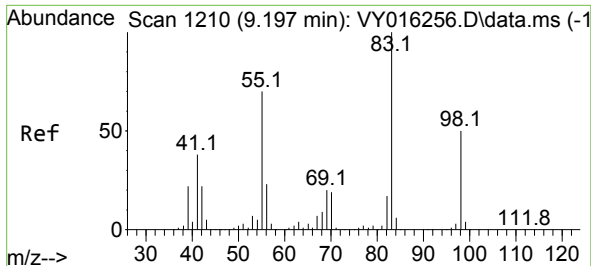
Tgt Ion: 43 Resp: 20317
Ion Ratio Lower Upper
43 100
61 15.4 10.1 15.1#
70 11.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 30.568 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Tgt Ion: 117 Resp: 78024
Ion Ratio Lower Upper
117 100
119 92.7 76.4 114.6
121 29.4 25.8 38.6





#39

Methylcyclohexane

Concen: 17.676 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

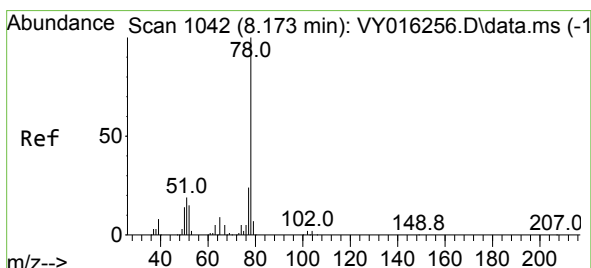
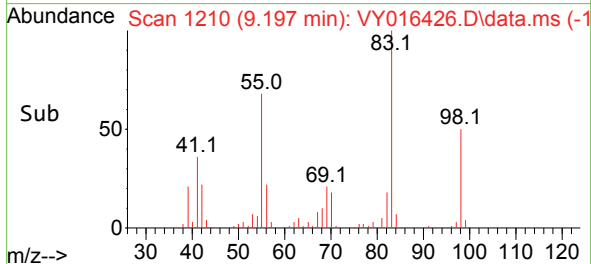
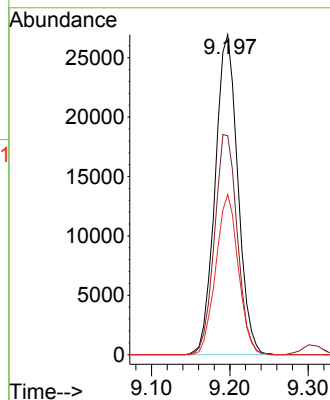
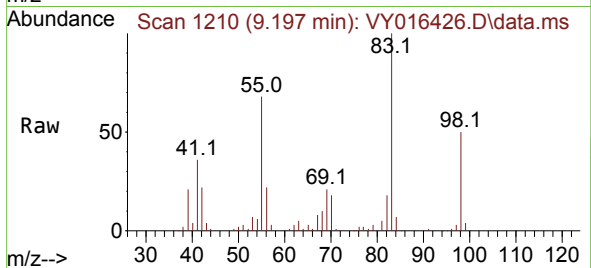
Tgt Ion: 83 Resp: 54169

Ion Ratio Lower Upper

83 100

55 68.4 63.0 94.4

98 50.1 37.4 56.2



#40

Benzene

Concen: 19.567 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016426.D

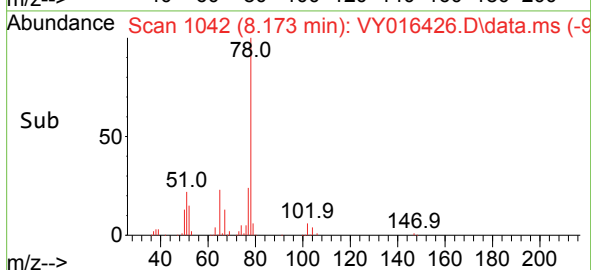
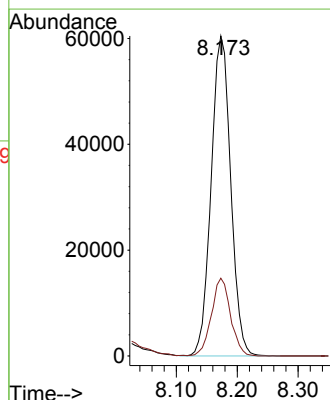
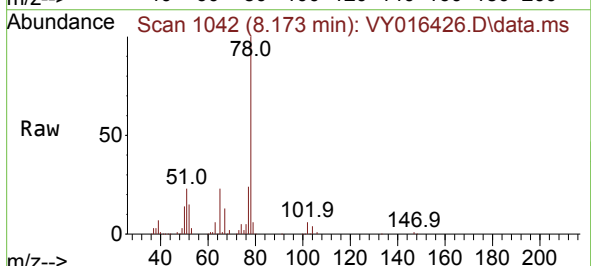
Acq: 20 Nov 2023 16:03

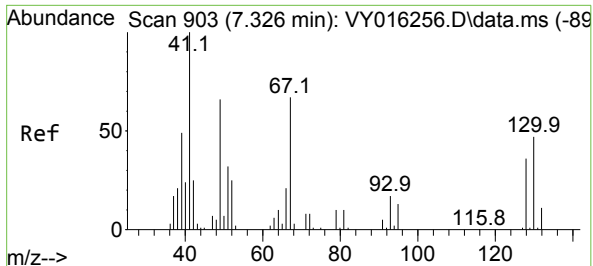
Tgt Ion: 78 Resp: 135203

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

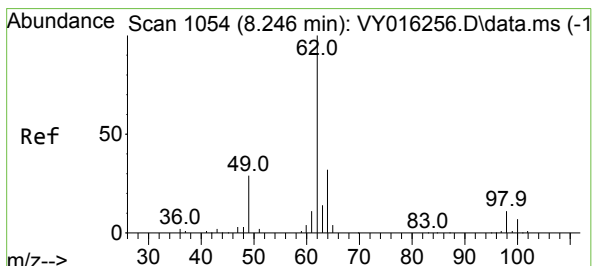
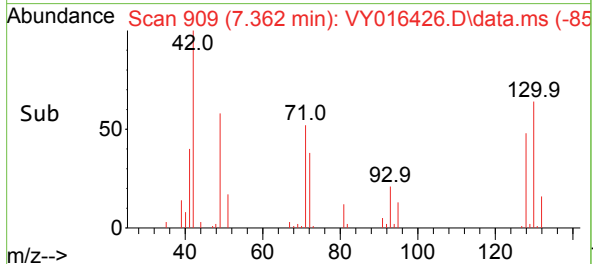
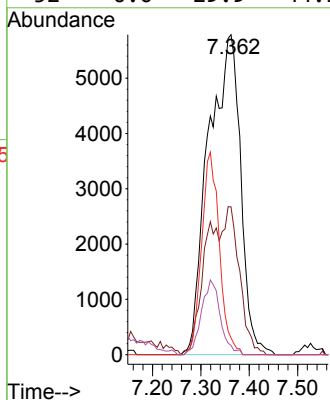
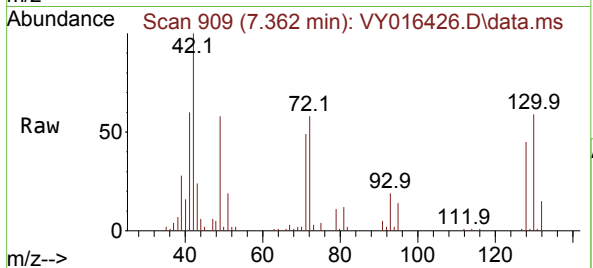




#41
Methacrylonitrile
Concen: 53.002 ug/l
RT: 7.362 min Scan# 903
Delta R.T. 0.036 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

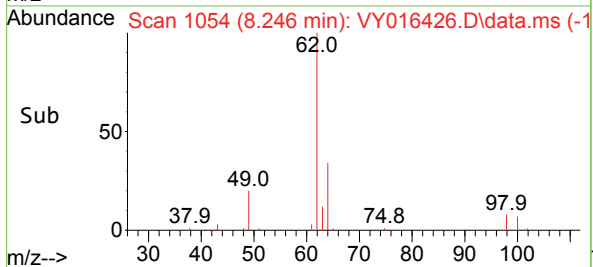
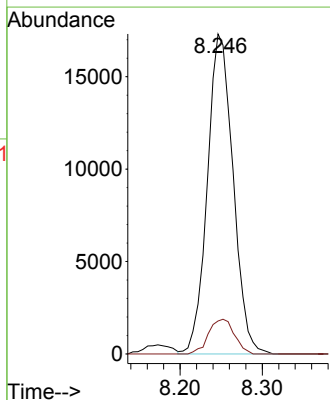
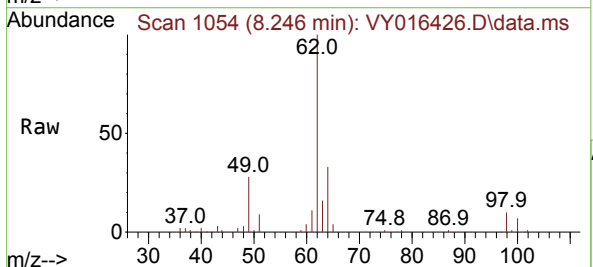
Instrument :
MSVOA_Y
ClientSampleId :

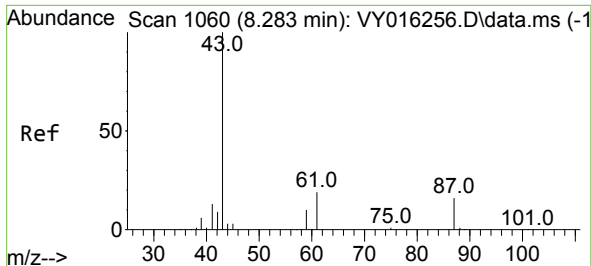
Tgt Ion: 41 Resp: 26556
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 21.044 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

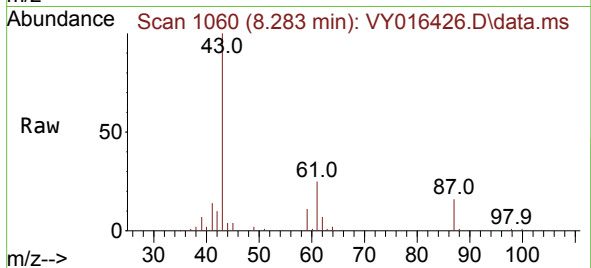
Tgt Ion: 62 Resp: 37676
Ion Ratio Lower Upper
62 100
98 10.9 0.0 15.8



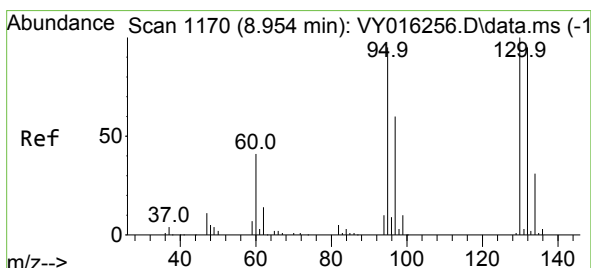
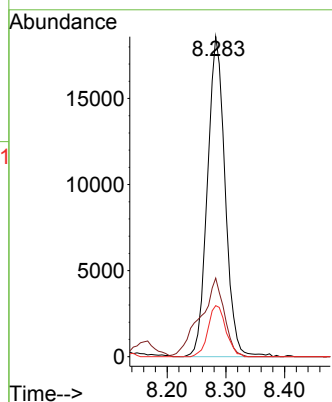
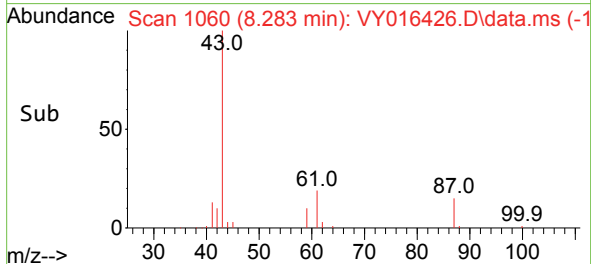


#43
Isopropyl Acetate
Concen: 20.218 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :

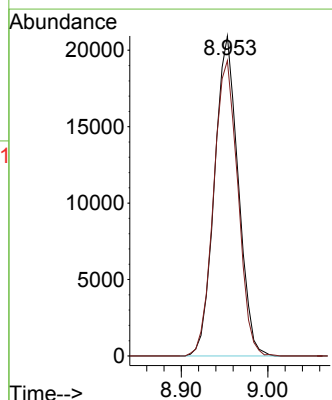
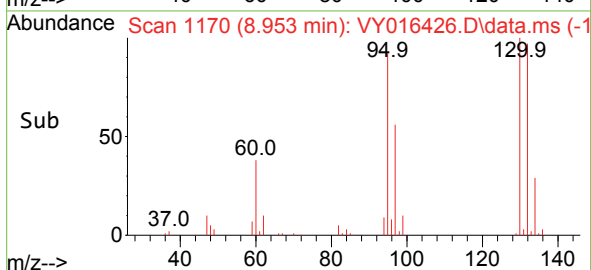
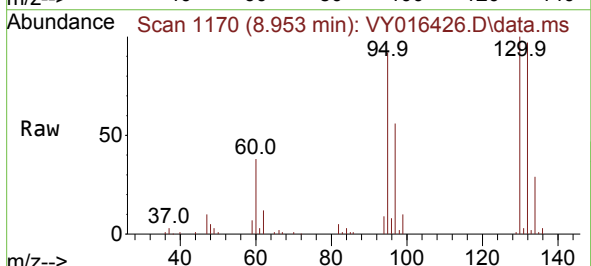


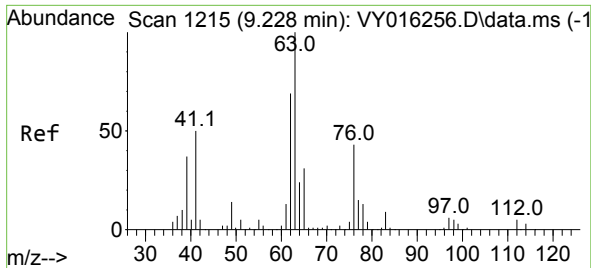
Tgt Ion: 43 Resp: 38834
Ion Ratio Lower Upper
43 100
61 33.2 21.1 31.7#
87 16.2 9.8 14.8#



#44
Trichloroethene
Concen: 20.021 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Tgt Ion:130 Resp: 39758
Ion Ratio Lower Upper
130 100
95 92.3 0.0 196.0

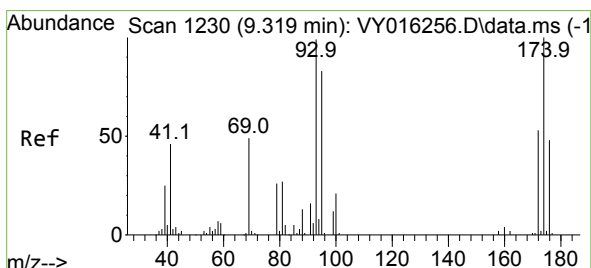
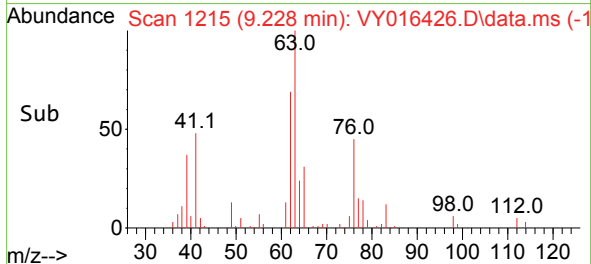
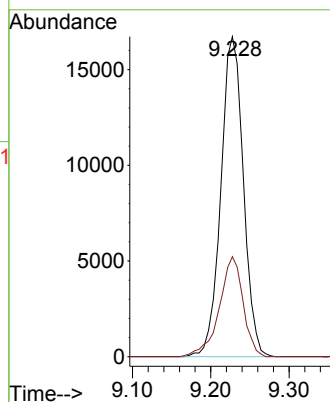
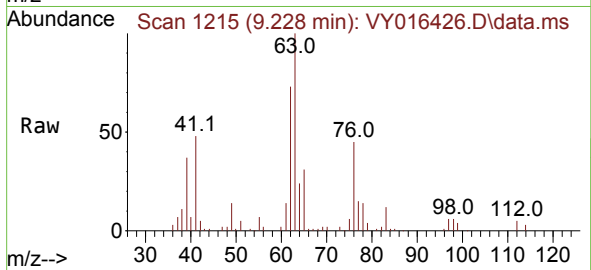




#45
1,2-Dichloropropane
Concen: 20.104 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

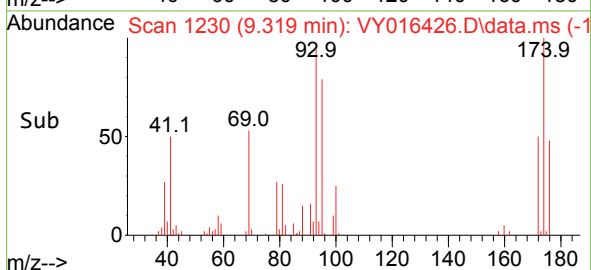
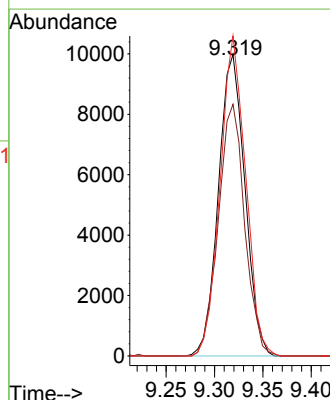
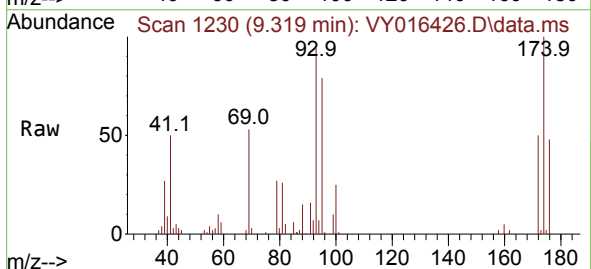
Instrument :
MSVOA_Y
ClientSampleId :

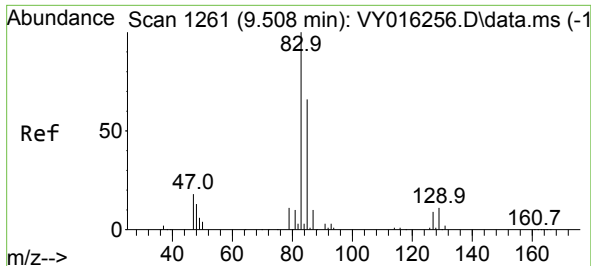
Tgt Ion: 63 Resp: 33361
Ion Ratio Lower Upper
63 100
65 31.3 23.8 35.6



#46
Dibromomethane
Concen: 21.089 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

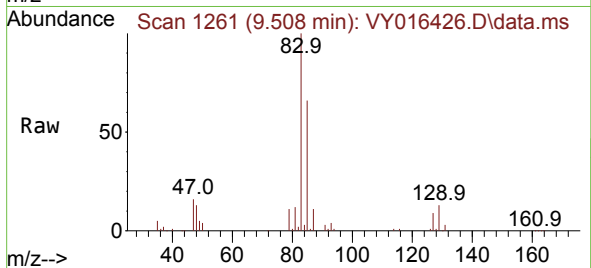
Tgt Ion: 93 Resp: 18964
Ion Ratio Lower Upper
93 100
95 83.2 66.6 100.0
174 102.5 84.8 127.2



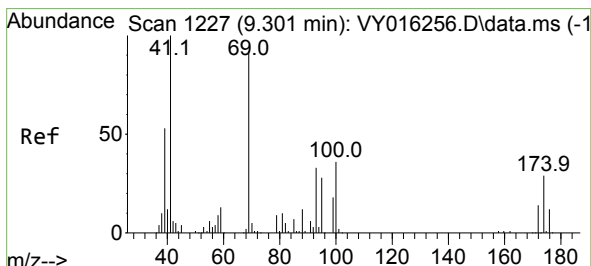
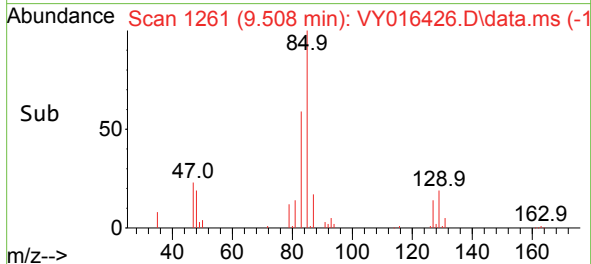
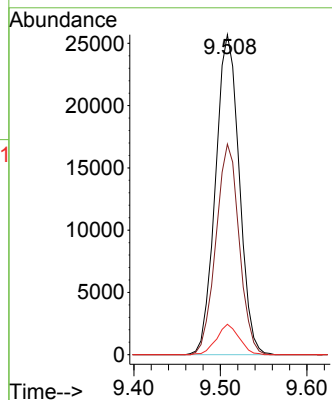


#47
Bromodichloromethane
Concen: 21.114 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :

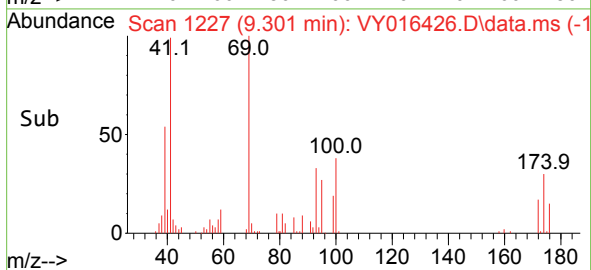
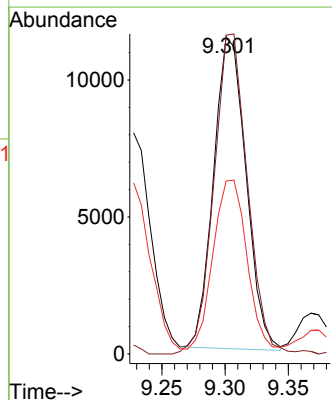
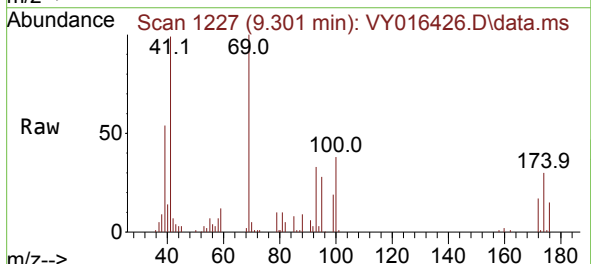


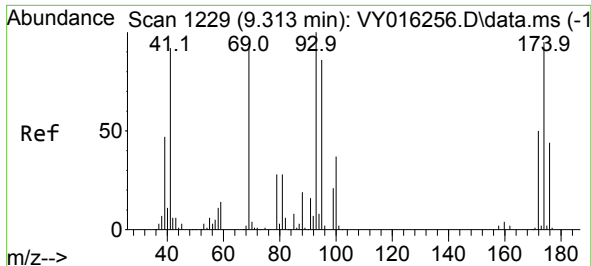
Tgt Ion: 83 Resp: 48812
Ion Ratio Lower Upper
83 100
85 65.8 50.1 75.1
127 9.5 7.1 10.7



#48
Methyl methacrylate
Concen: 19.122 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Tgt Ion: 41 Resp: 20299
Ion Ratio Lower Upper
41 100
69 106.3 64.5 96.7#
39 56.5 50.8 76.2





#49

1,4-Dioxane

Concen: 463.720 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

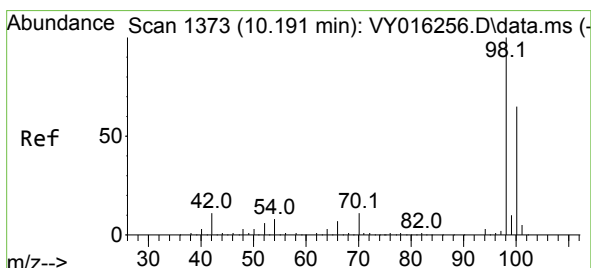
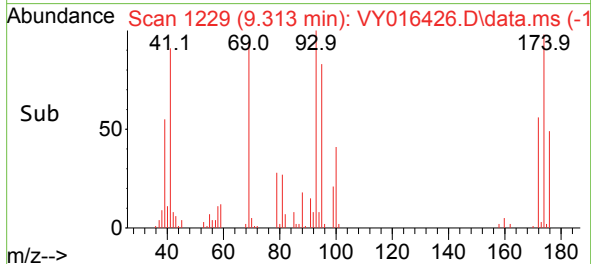
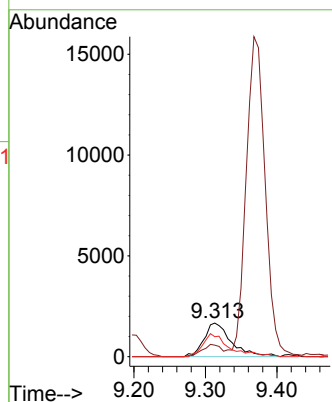
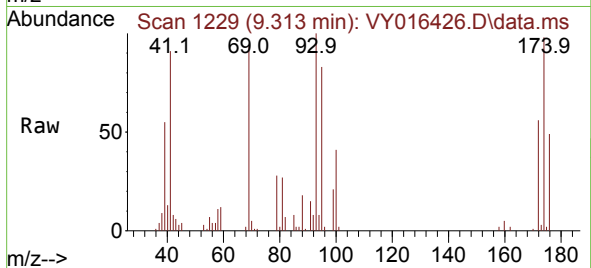
Tgt Ion: 88 Resp: 4427

Ion Ratio Lower Upper

88 100

43 25.0 0.0 0.0#

58 65.9 30.9 46.3#



#50

Toluene-d8

Concen: 50.261 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016426.D

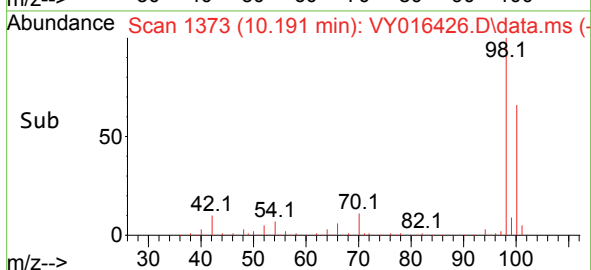
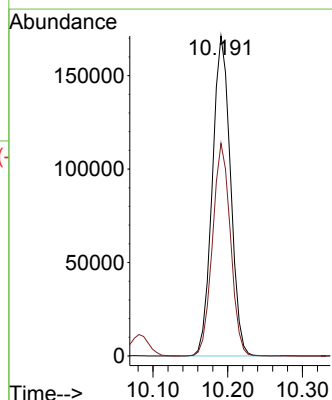
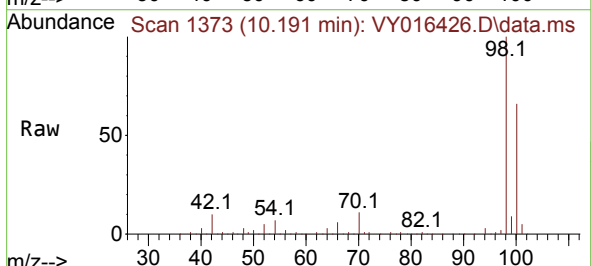
Acq: 20 Nov 2023 16:03

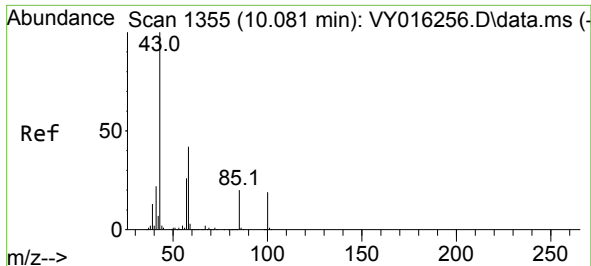
Tgt Ion: 98 Resp: 288676

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

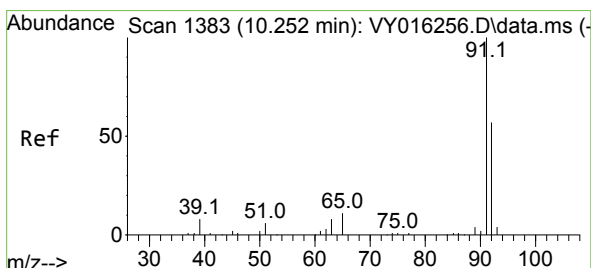
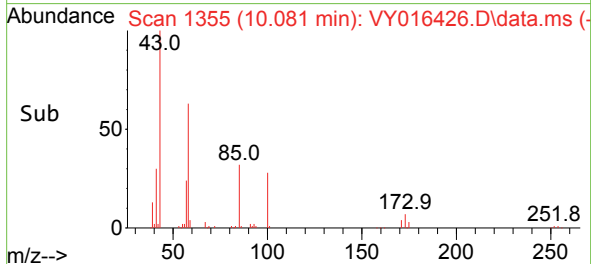
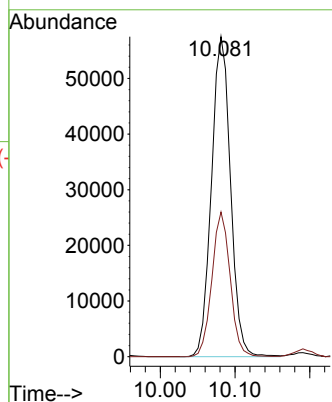
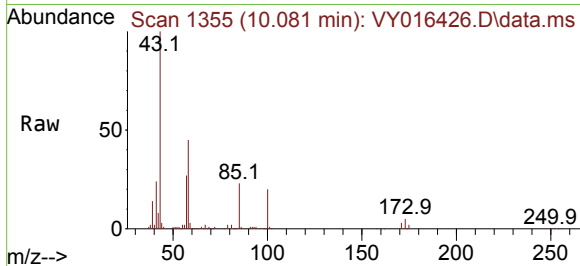




#51
4-Methyl-2-Pentanone
Concen: 105.100 ug/l
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

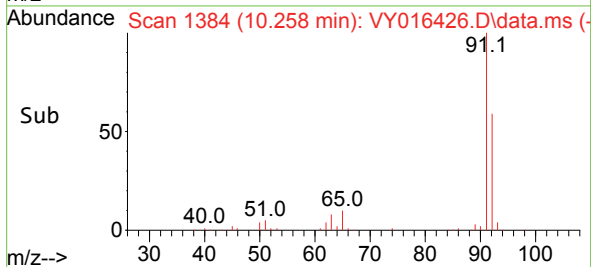
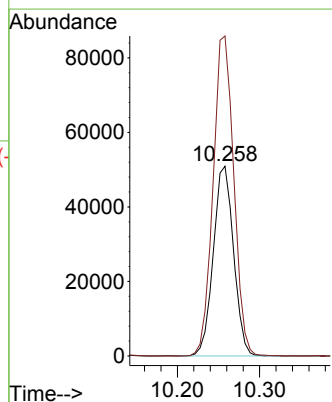
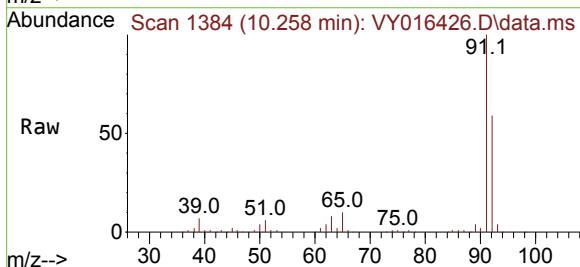
Instrument :
MSVOA_Y
ClientSampleId :

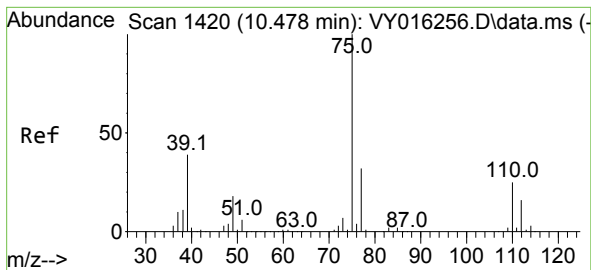
Tgt Ion: 43 Resp: 102084
Ion Ratio Lower Upper
43 100
58 43.3 29.0 43.6



#52
Toluene
Concen: 19.979 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Tgt Ion: 92 Resp: 87265
Ion Ratio Lower Upper
92 100
91 172.3 143.8 215.6

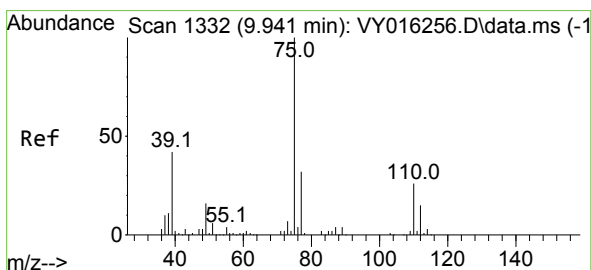
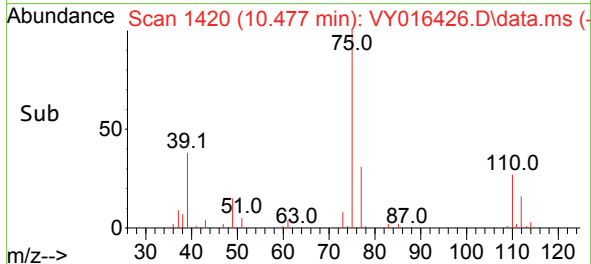
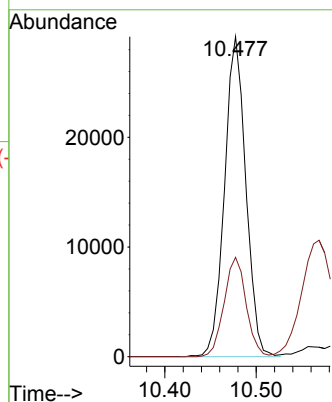
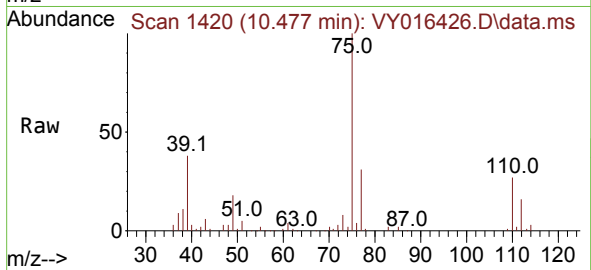




#53
 t-1,3-Dichloropropene
 Concen: 21.107 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016426.D
 Acq: 20 Nov 2023 16:03

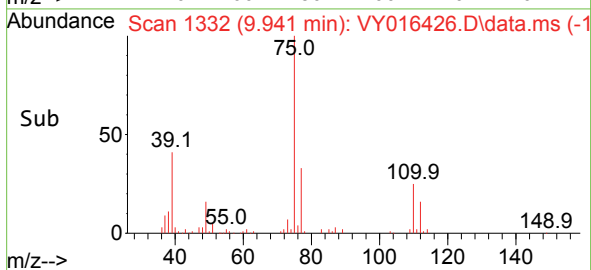
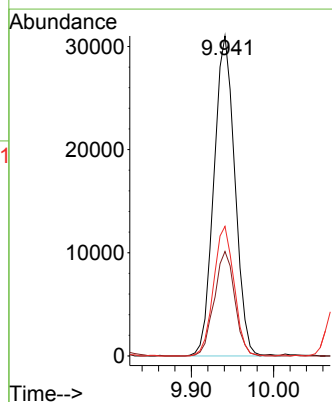
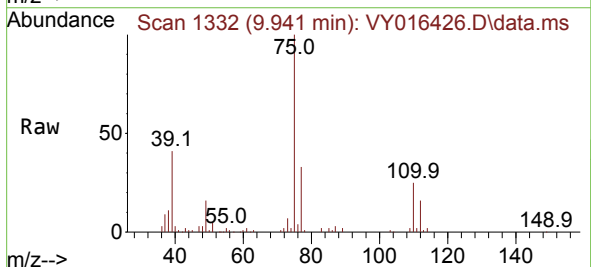
Instrument :
 MSVOA_Y
 ClientSampleId :

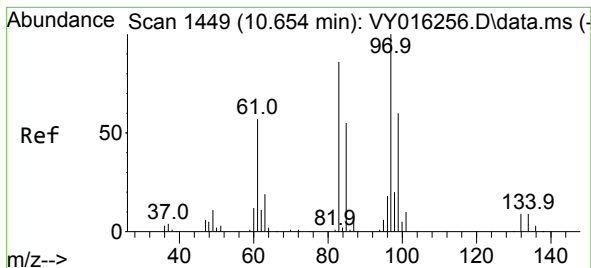
Tgt Ion: 75 Resp: 47304
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.562 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016426.D
 Acq: 20 Nov 2023 16:03

Tgt Ion: 75 Resp: 55041
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.2 36.4
 39 40.5 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 22.500 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 27887

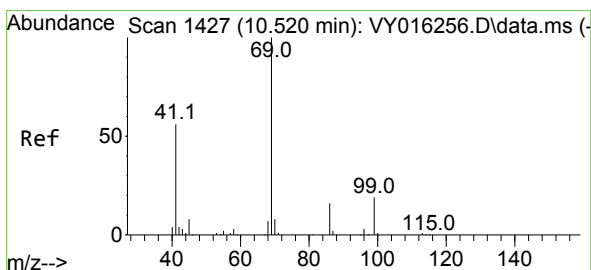
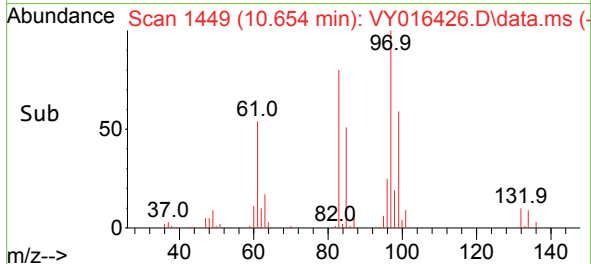
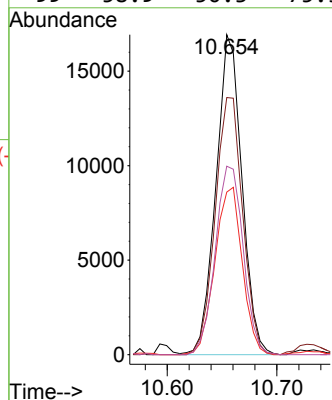
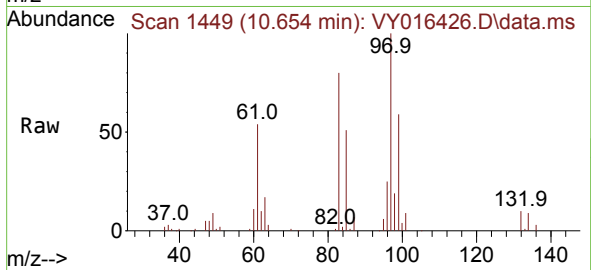
Ion Ratio Lower Upper

97 100

83 80.3 72.0 108.0

85 50.8 45.4 68.0

99 58.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.911 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

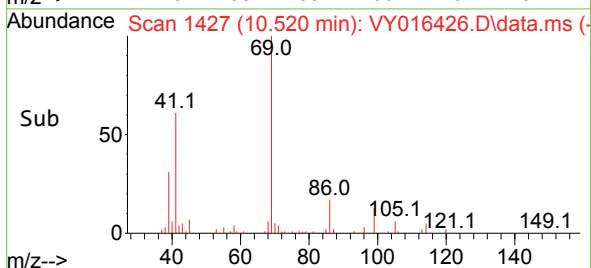
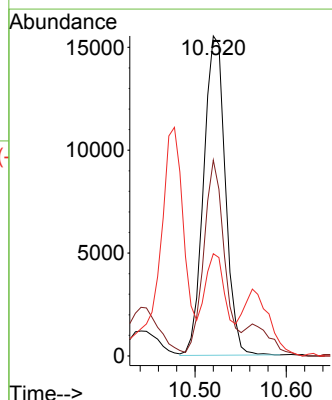
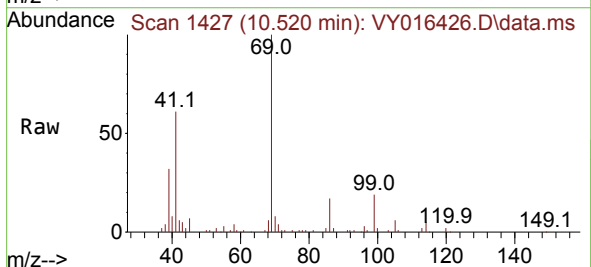
Tgt Ion: 69 Resp: 25635

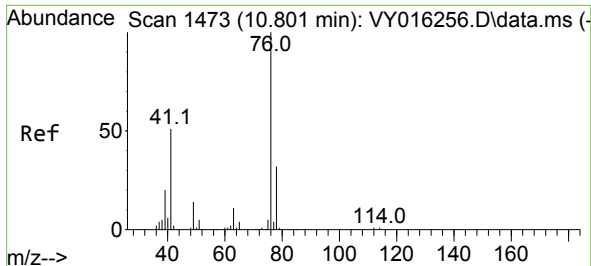
Ion Ratio Lower Upper

69 100

41 56.9 57.6 86.4#

39 32.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 22.602 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

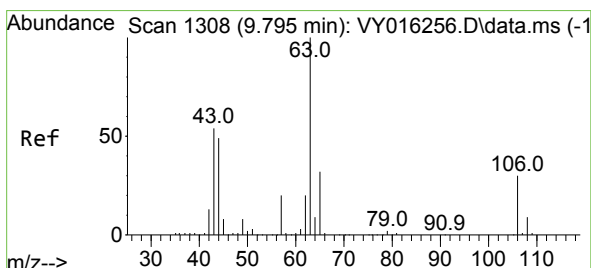
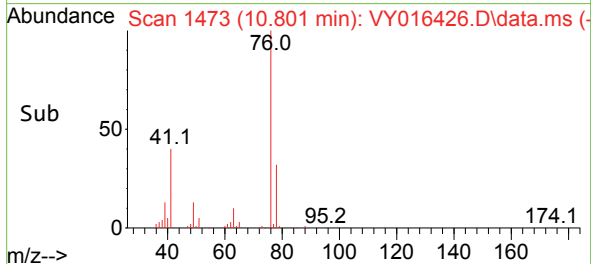
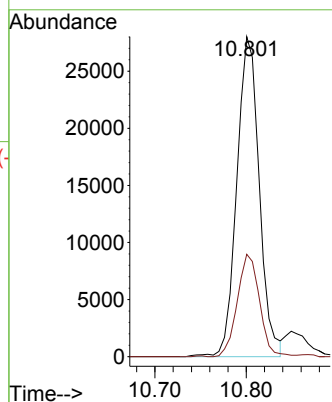
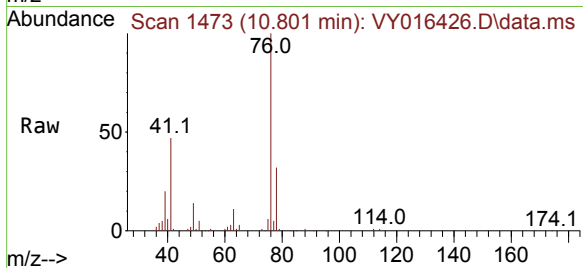
ClientSampleId :

Tgt Ion: 76 Resp: 47752

Ion Ratio Lower Upper

76 100

78 31.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 110.668 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016426.D

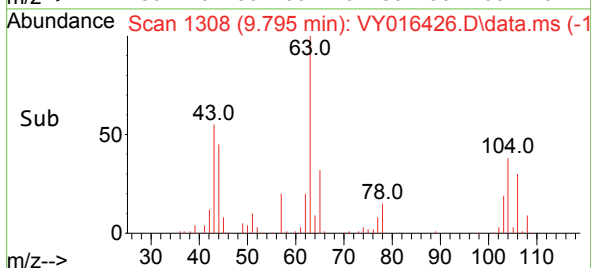
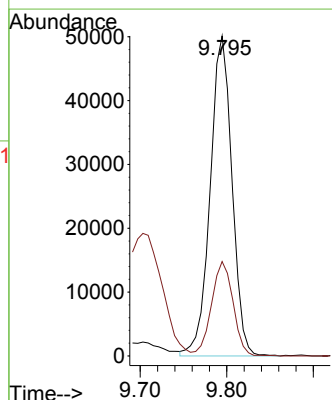
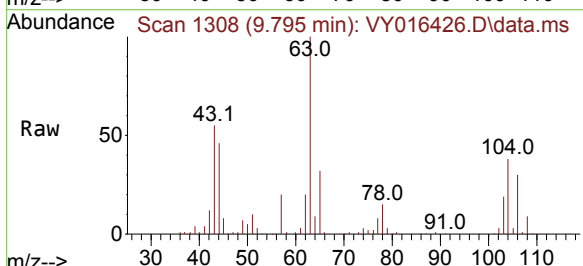
Acq: 20 Nov 2023 16:03

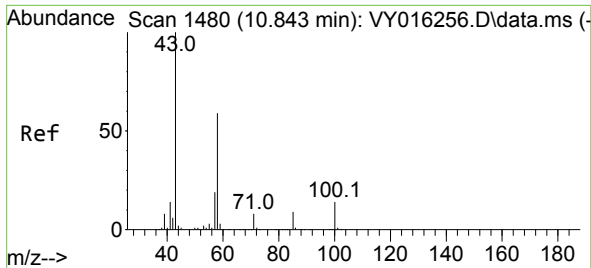
Tgt Ion: 63 Resp: 87796

Ion Ratio Lower Upper

63 100

106 29.2 21.2 31.8

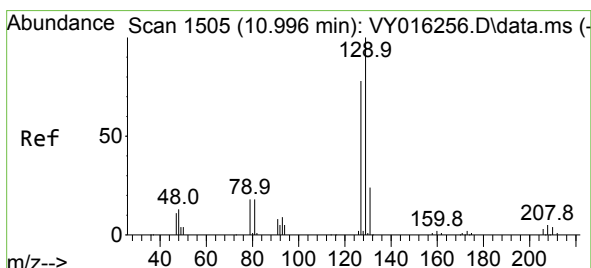
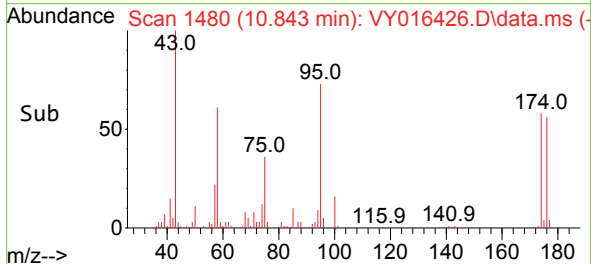
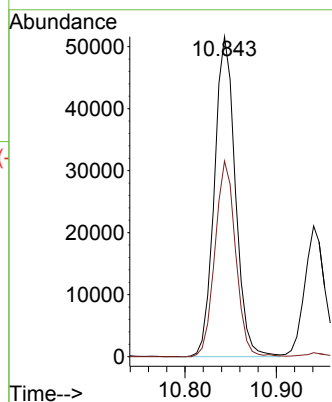
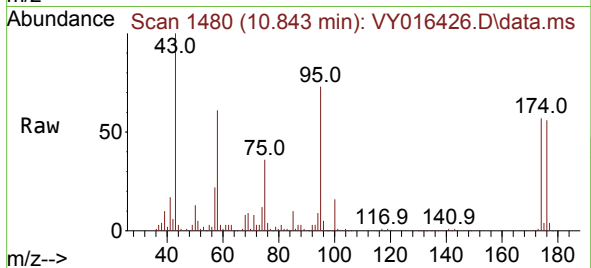




#59
2-Hexanone
Concen: 113.808 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

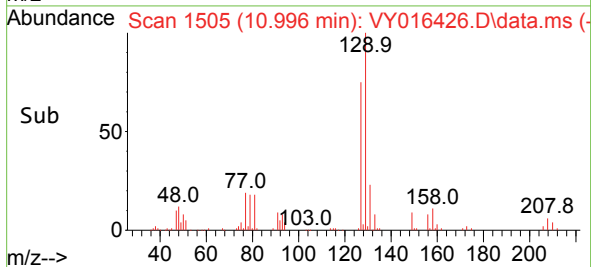
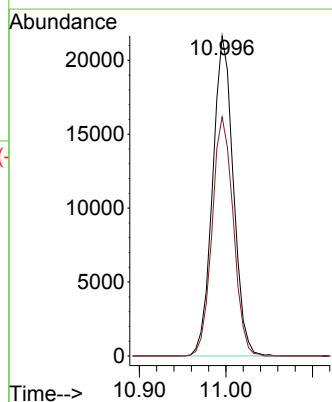
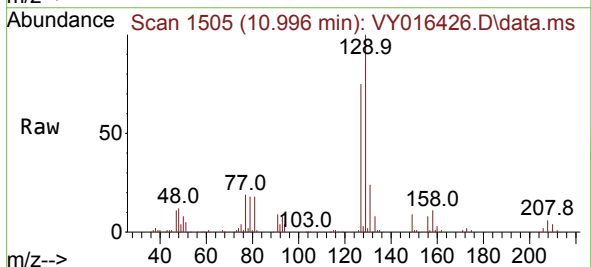
Instrument :
MSVOA_Y
ClientSampleId :

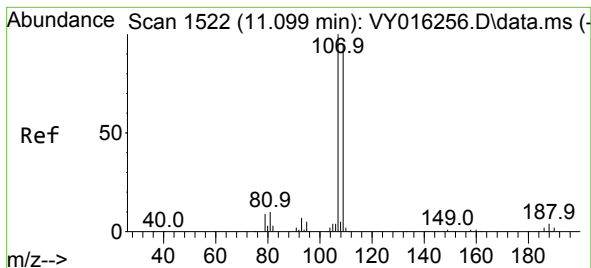
Tgt Ion: 43 Resp: 82224
Ion Ratio Lower Upper
43 100
58 60.1 25.1 75.3



#60
Dibromochloromethane
Concen: 23.167 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Tgt Ion: 129 Resp: 35911
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5

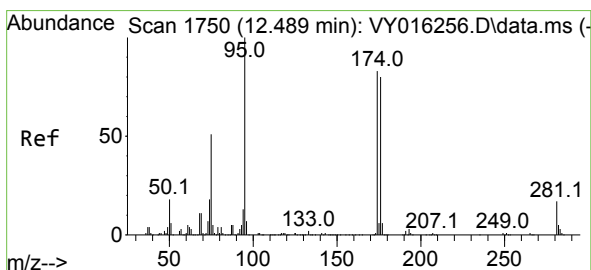
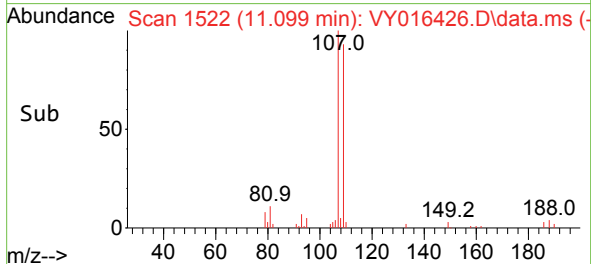
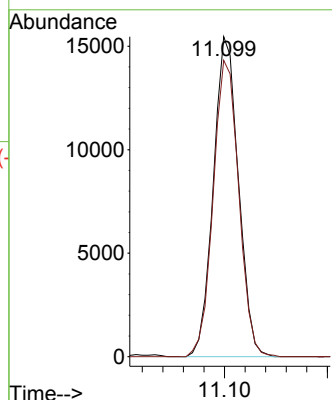
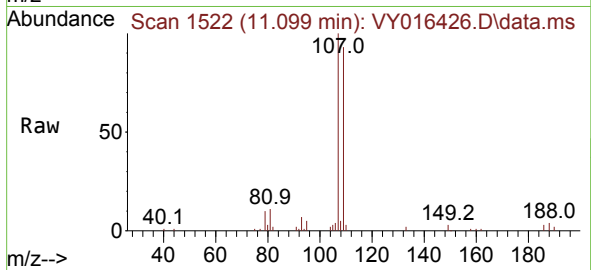




#61
1,2-Dibromoethane
Concen: 22.128 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

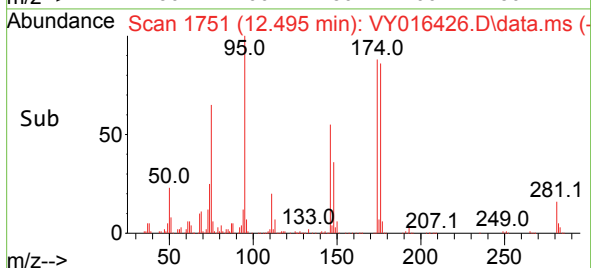
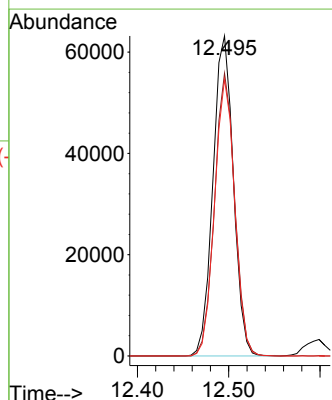
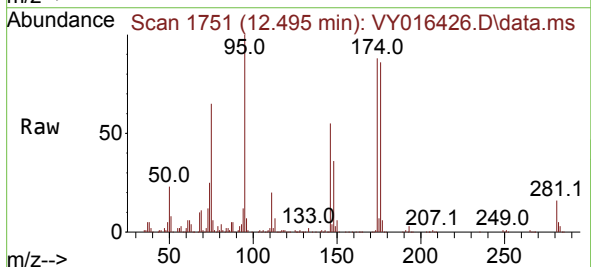
Instrument :
MSVOA_Y
ClientSampleId :

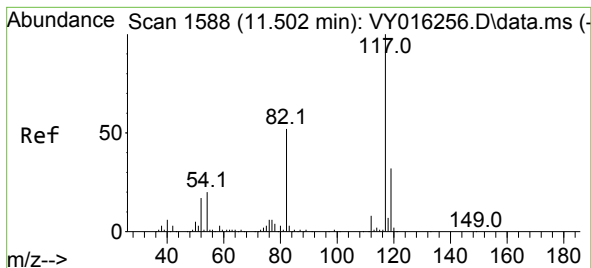
Tgt Ion:107 Resp: 26129
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.531 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Tgt Ion: 95 Resp: 97992
Ion Ratio Lower Upper
95 100
174 87.4 0.0 178.2
176 85.5 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: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

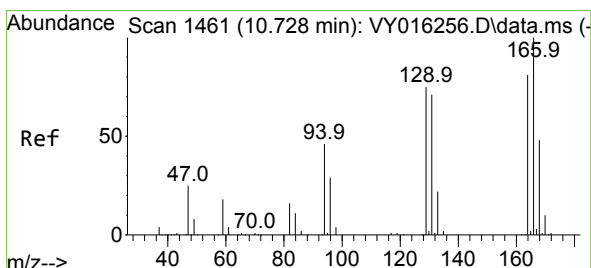
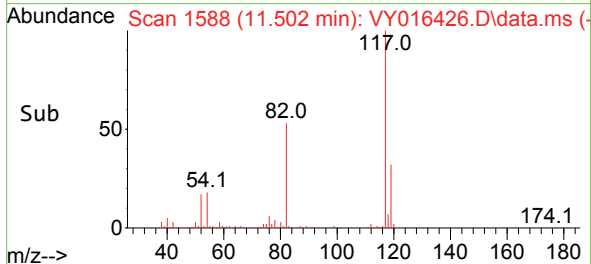
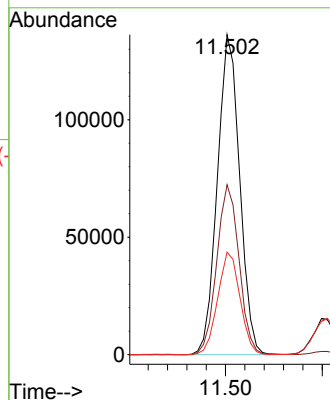
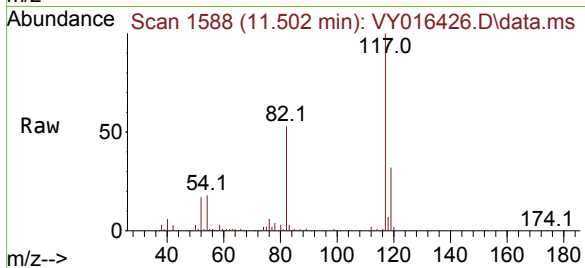
Tgt Ion:117 Resp: 218039

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 32.0 26.3 39.5



#64

Tetrachloroethene

Concen: 21.067 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Tgt Ion:164 Resp: 41244

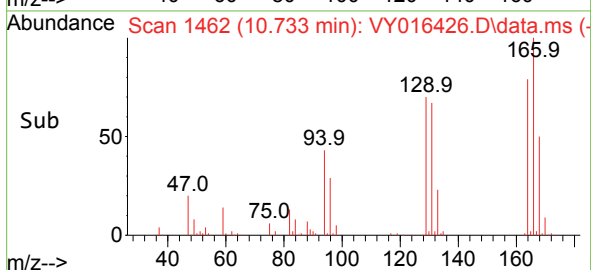
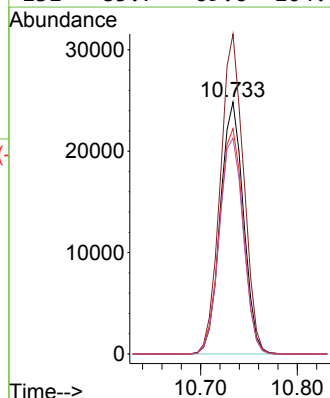
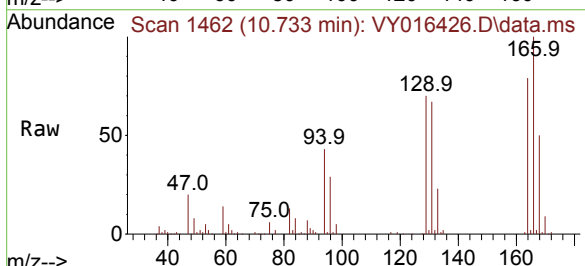
Ion Ratio Lower Upper

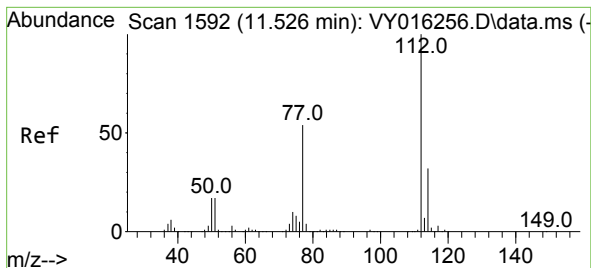
164 100

166 127.0 103.0 154.6

129 89.5 77.2 115.8

131 85.7 69.6 104.4





#65

Chlorobenzene

Concen: 20.603 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

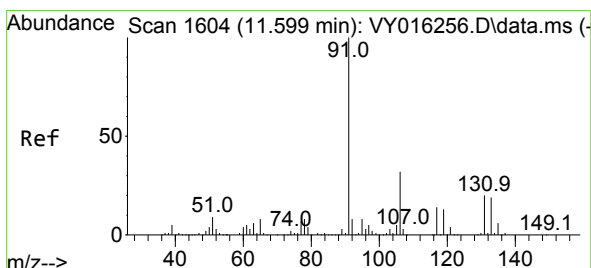
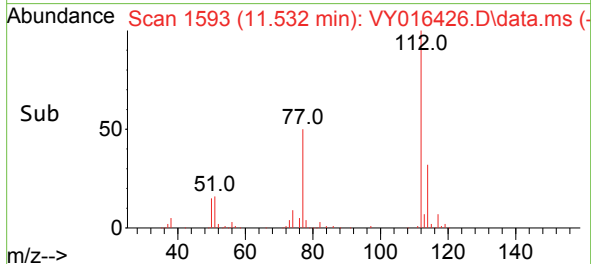
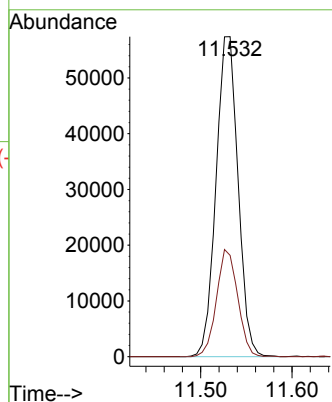
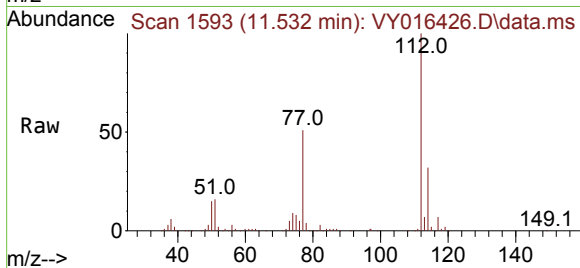
ClientSampleId :

Tgt Ion:112 Resp: 95980

Ion Ratio Lower Upper

112 100

114 31.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 22.181 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

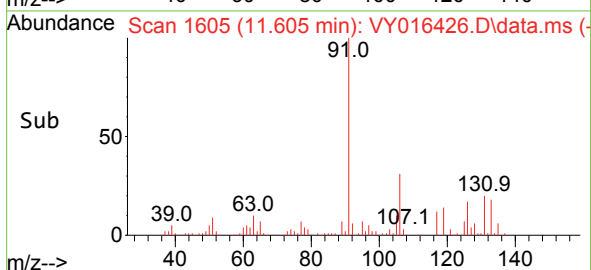
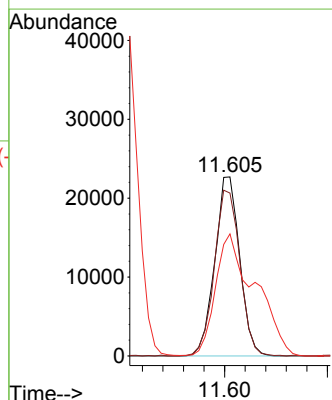
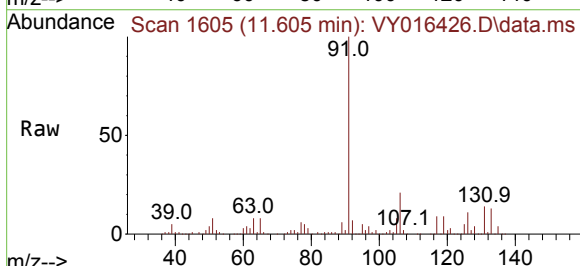
Tgt Ion:131 Resp: 38112

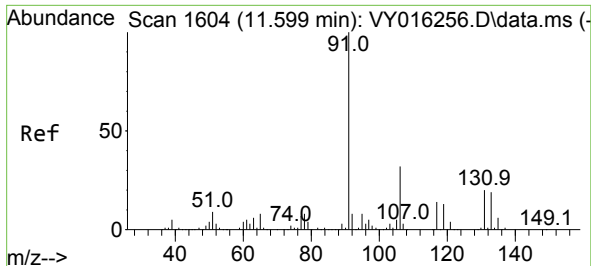
Ion Ratio Lower Upper

131 100

133 95.2 47.5 142.6

119 108.7 31.6 94.7#





#67

Ethyl Benzene

Concen: 35.558 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

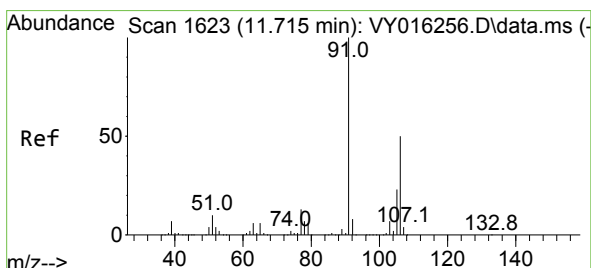
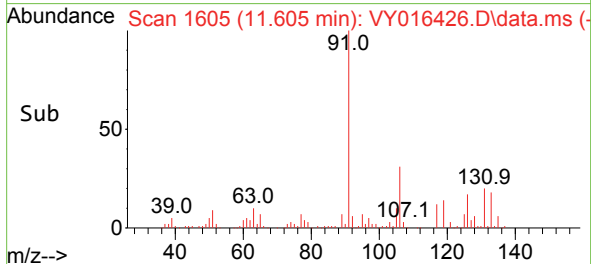
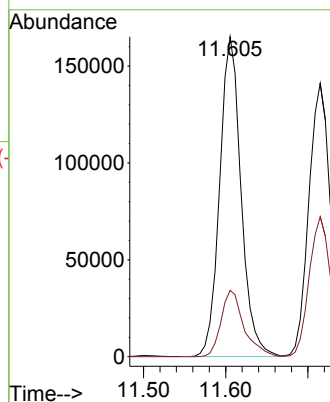
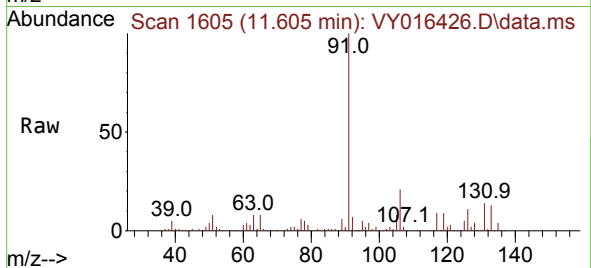
ClientSampleId :

Tgt Ion: 91 Resp: 297695

Ion Ratio Lower Upper

91 100

106 20.7 24.6 36.8#



#68

m/p-Xylenes

Concen: 40.762 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016426.D

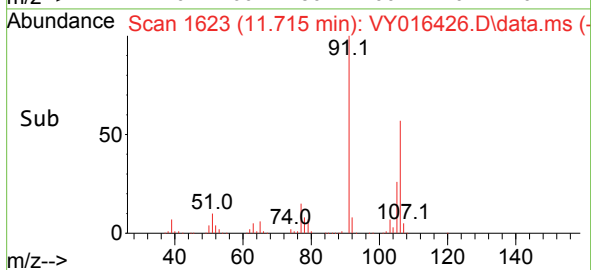
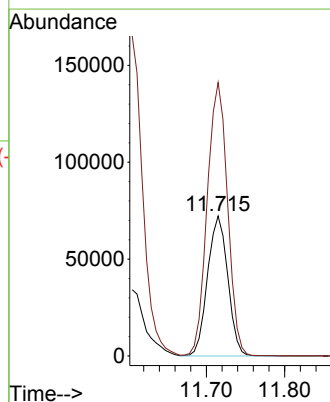
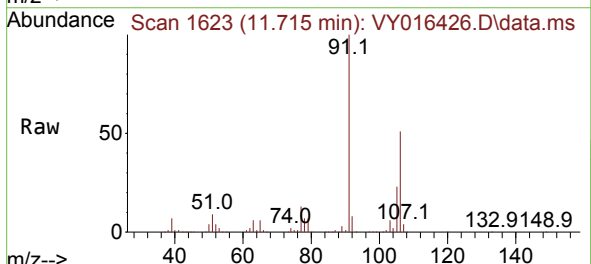
Acq: 20 Nov 2023 16:03

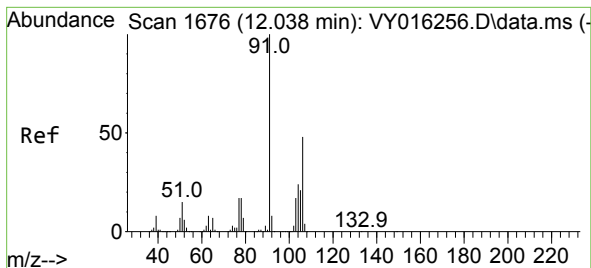
Tgt Ion:106 Resp: 129436

Ion Ratio Lower Upper

106 100

91 196.3 166.1 249.1





#69

o-Xylene

Concen: 4.200 ug/l

RT: 12.154 min Scan# 1

Delta R.T. 0.116 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

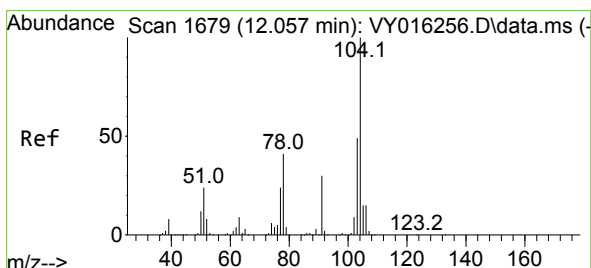
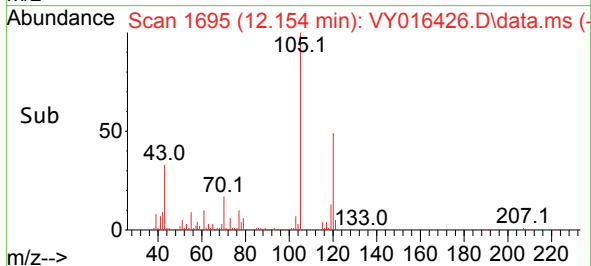
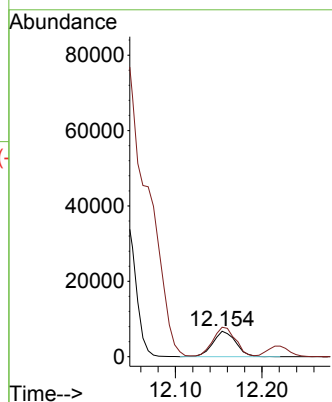
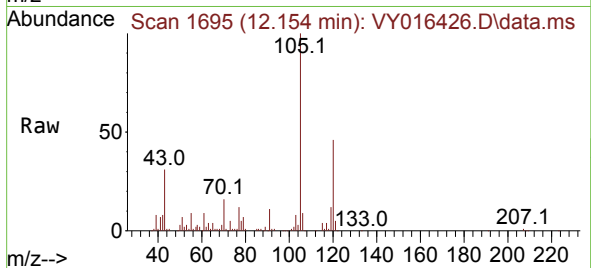
ClientSampleId :

Tgt Ion:106 Resp: 12382

Ion Ratio Lower Upper

106 100

91 116.0 108.1 324.3



#70

Styrene

Concen: 21.456 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

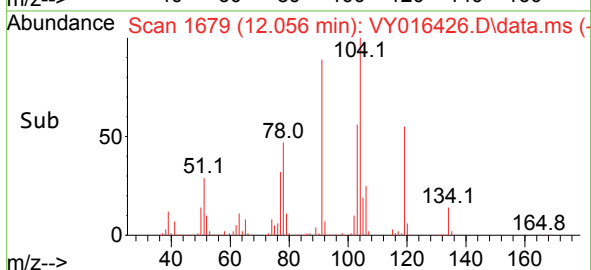
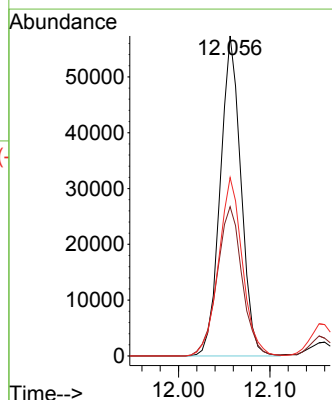
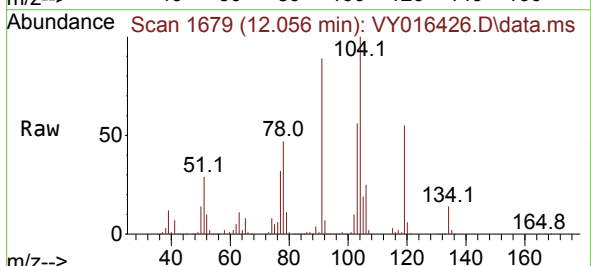
Tgt Ion:104 Resp: 90578

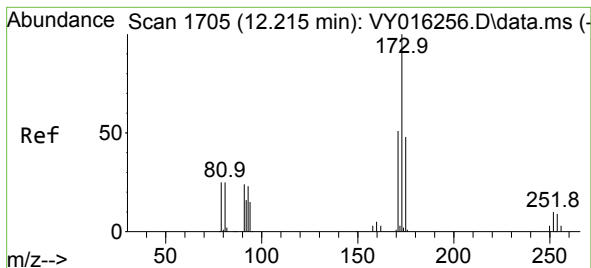
Ion Ratio Lower Upper

104 100

78 56.1 41.5 62.3

103 64.0 44.6 67.0





#71

Bromoform

Concen: 23.842 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

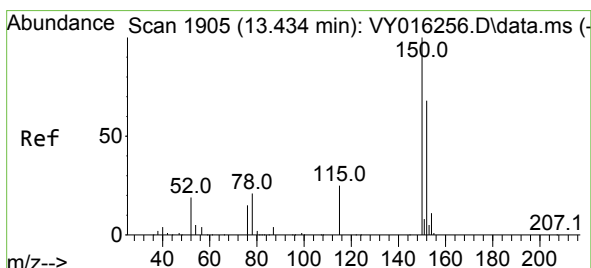
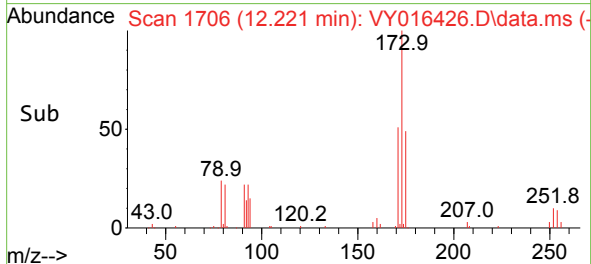
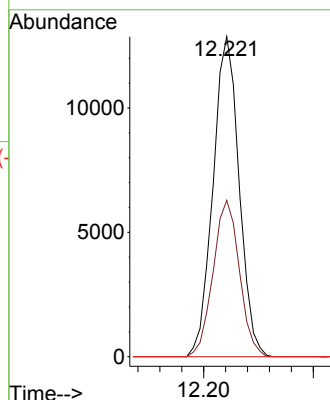
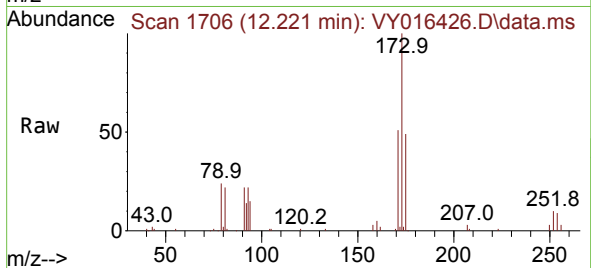
Tgt Ion:173 Resp: 21256

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

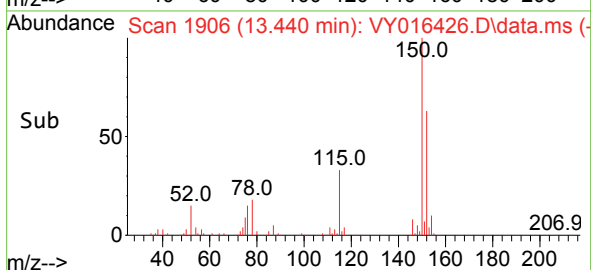
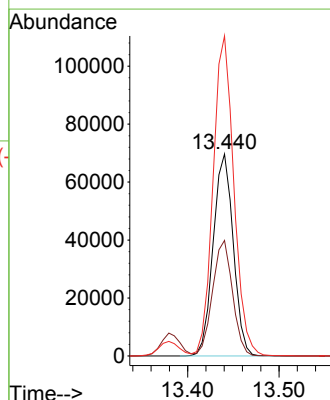
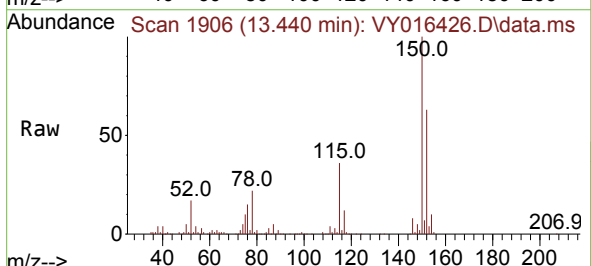
Tgt Ion:152 Resp: 106206

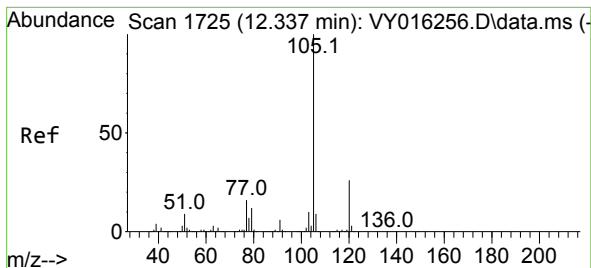
Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 164.2 0.0 348.8





#73

Isopropylbenzene

Concen: 22.365 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

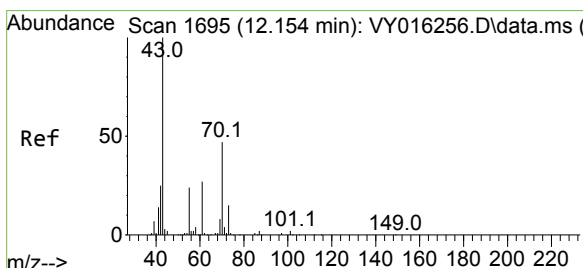
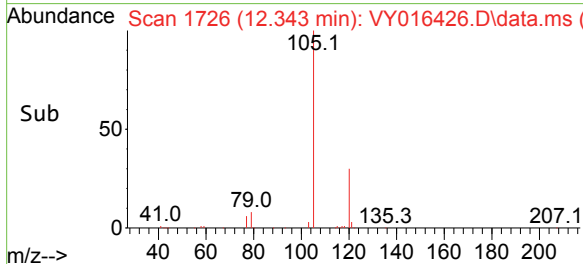
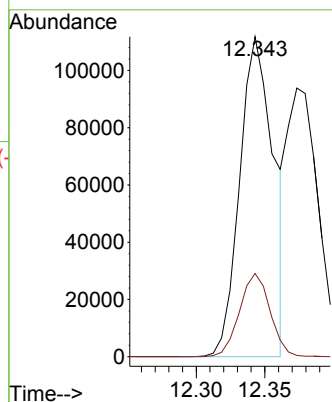
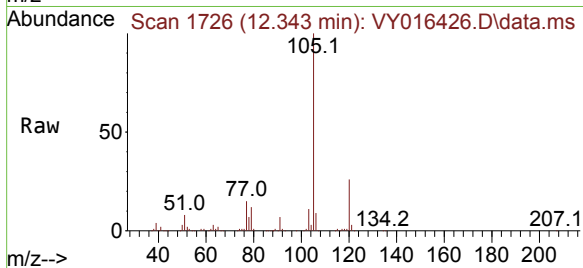
ClientSampleId :

Tgt Ion:105 Resp: 192344

Ion Ratio Lower Upper

105 100

120 23.4 13.3 39.9



#74

N-amy1 acetate

Concen: 19.807 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Tgt Ion: 43 Resp: 34216

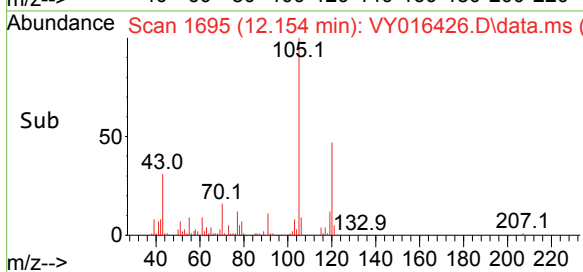
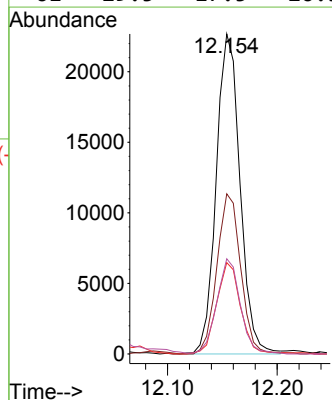
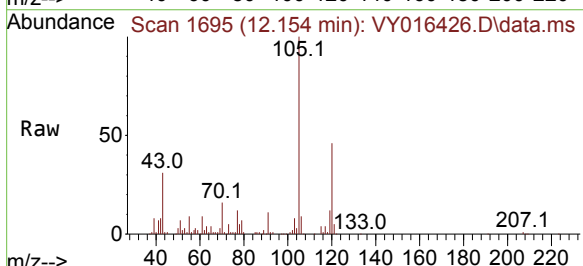
Ion Ratio Lower Upper

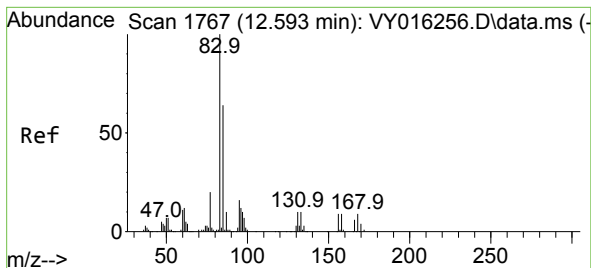
43 100

70 50.0 29.7 44.5#

55 29.0 18.3 27.5#

61 29.5 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 21.772 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

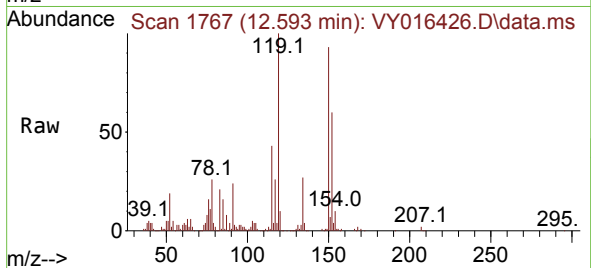
Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :



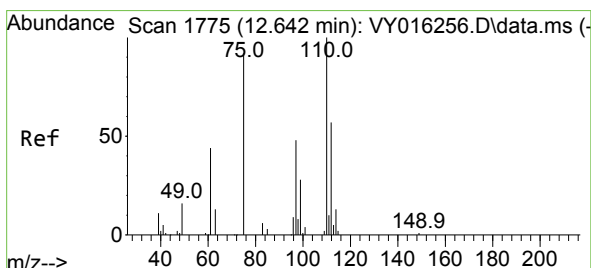
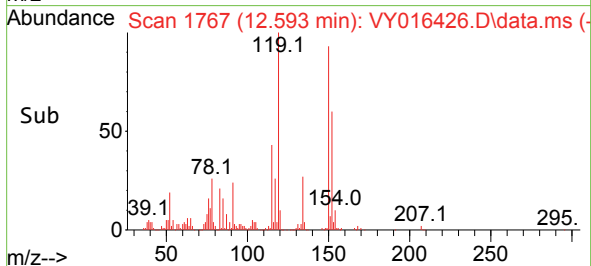
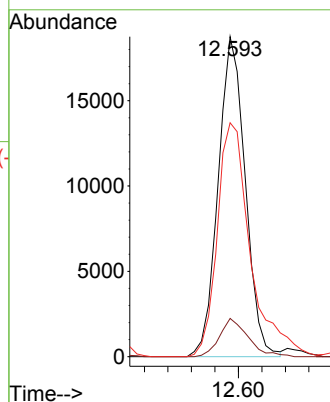
Tgt Ion: 83 Resp: 30047

Ion Ratio Lower Upper

83 100

131 12.6 5.4 16.2

85 89.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 72.389 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.012 min

Lab File: VY016426.D

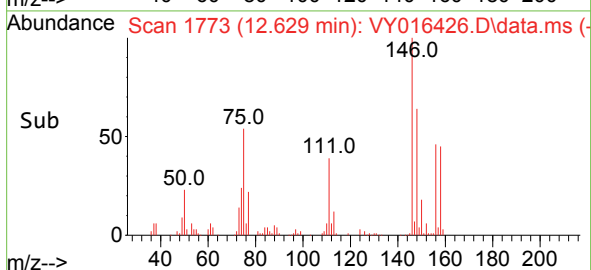
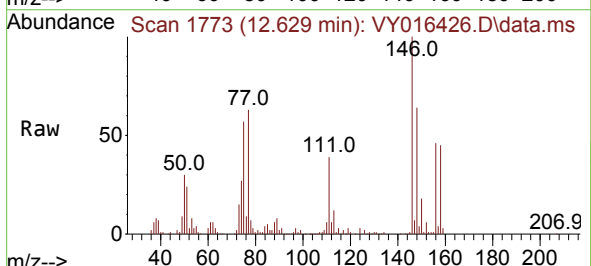
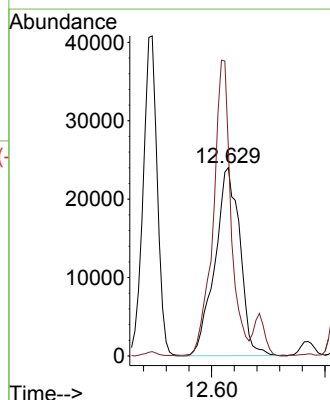
Acq: 20 Nov 2023 16:03

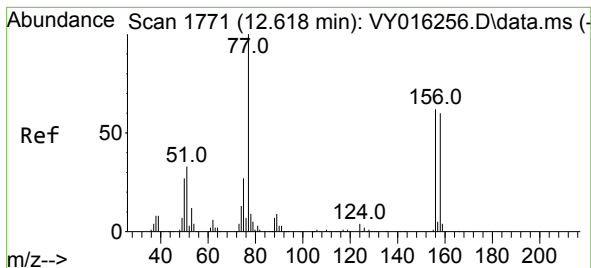
Tgt Ion: 75 Resp: 73751

Ion Ratio Lower Upper

75 100

77 111.9 0.0 0.0#





#77

Bromobenzene

Concen: 20.505 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016426.D

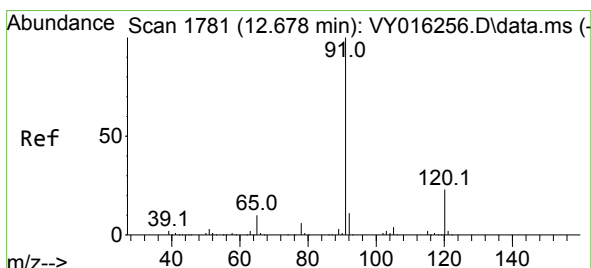
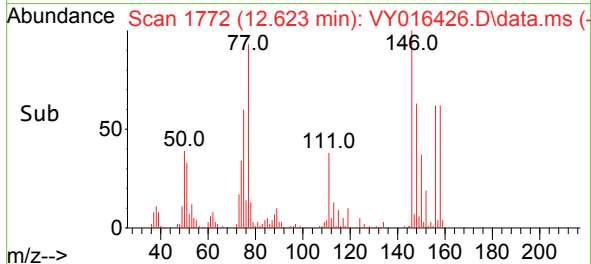
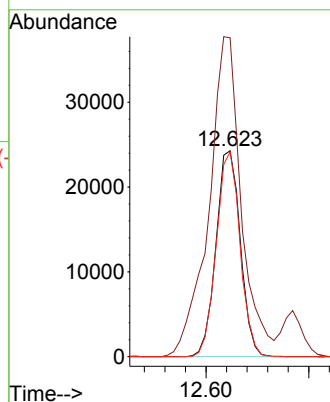
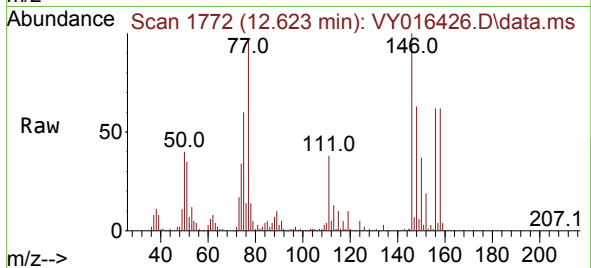
Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	39858
Ion Ratio	Lower	Upper	
156	100		
77	207.1	92.8	278.6
158	97.1	48.4	145.3



#78

n-propylbenzene

Concen: 19.272 ug/l

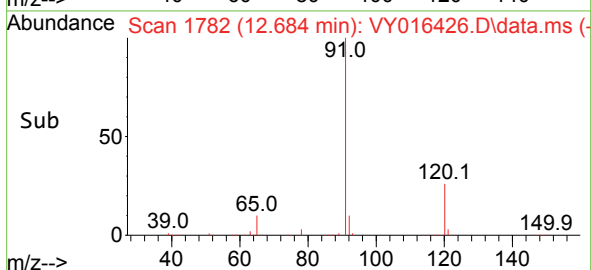
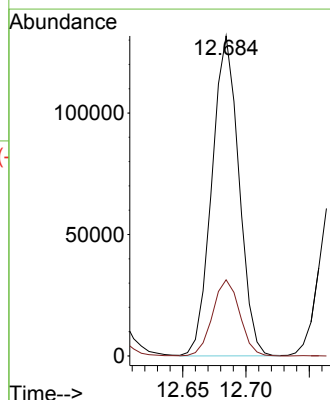
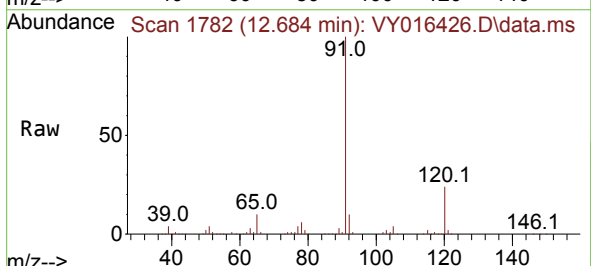
RT: 12.684 min Scan# 1782

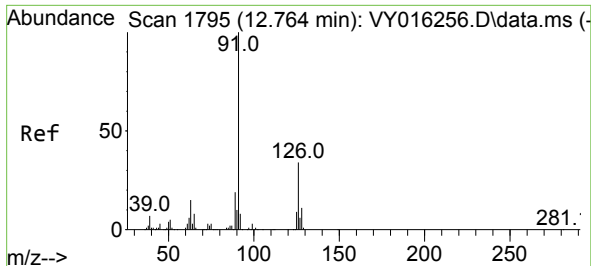
Delta R.T. 0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Tgt Ion:	91	Resp:	195876
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.5	34.4

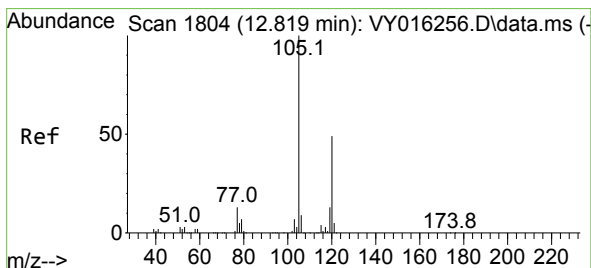
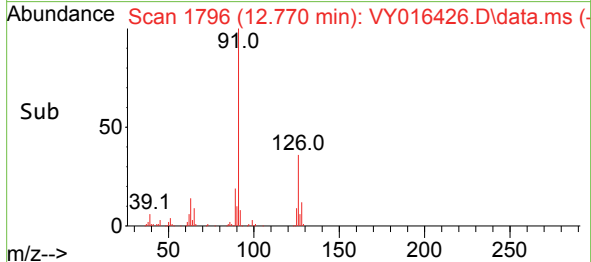
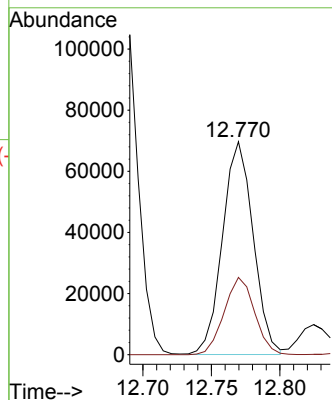
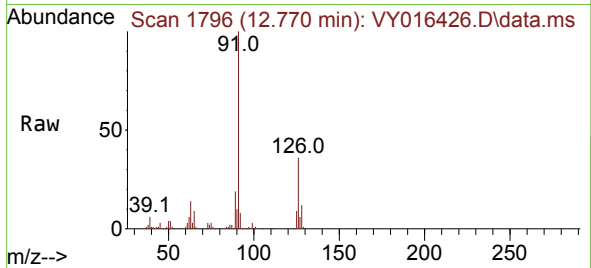




#79
2-Chlorotoluene
Concen: 19.423 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

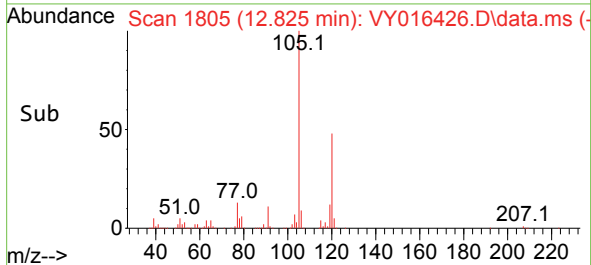
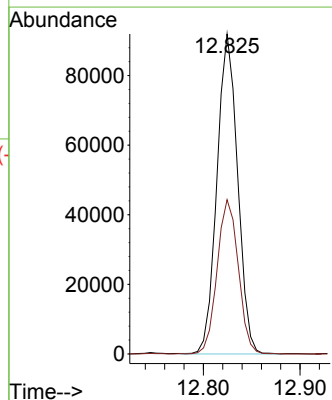
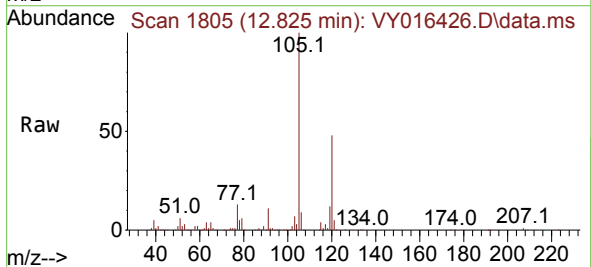
Instrument :
MSVOA_Y
ClientSampleId :

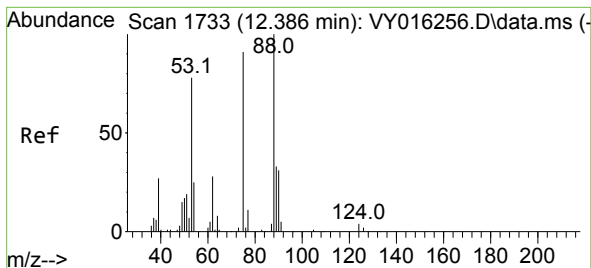
Tgt Ion: 91 Resp: 108791
Ion Ratio Lower Upper
91 100
126 35.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.671 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Tgt Ion: 105 Resp: 136401
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

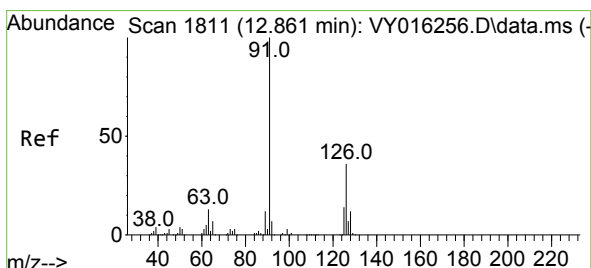
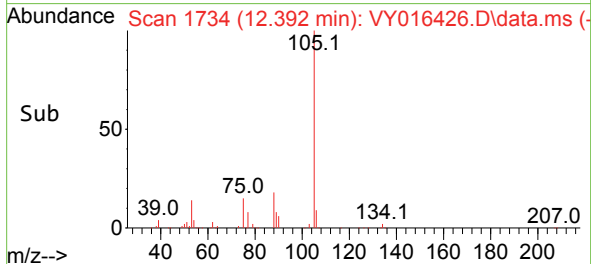
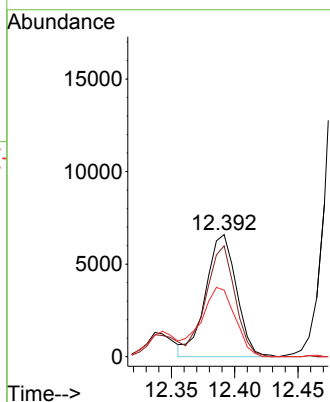
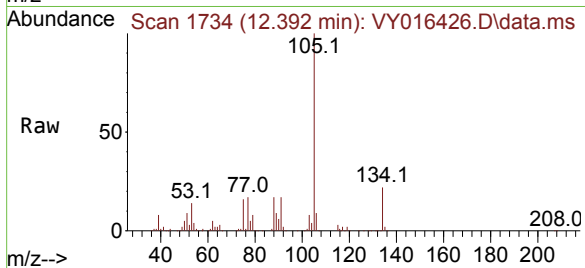




#81
trans-1,4-Dichloro-2-butene
Concen: 23.757 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

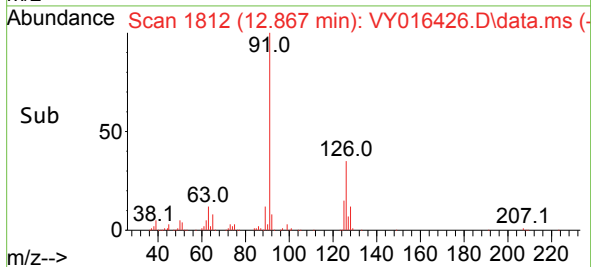
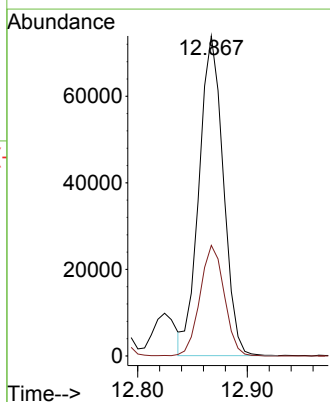
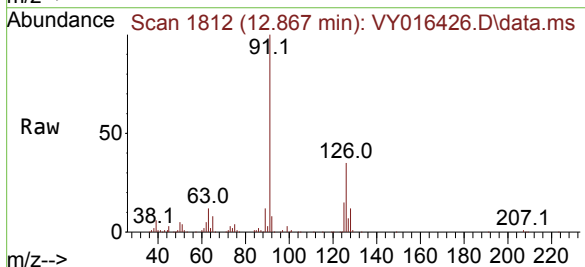
Instrument :
MSVOA_Y
ClientSampleId :

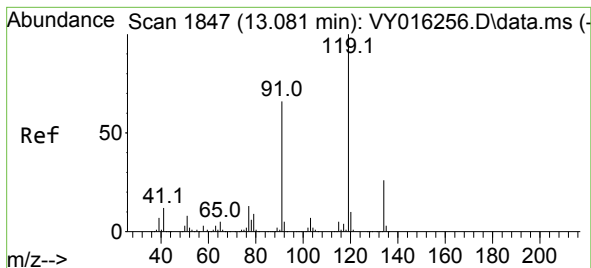
Tgt Ion: 75 Resp: 11151
Ion Ratio Lower Upper
75 100
53 85.8 77.8 116.8
89 63.6 37.4 56.0#



#82
4-Chlorotoluene
Concen: 19.589 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Tgt Ion: 91 Resp: 113377
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.298 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

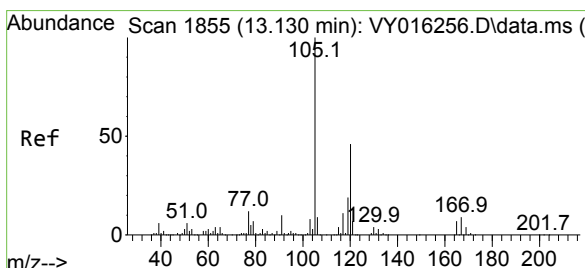
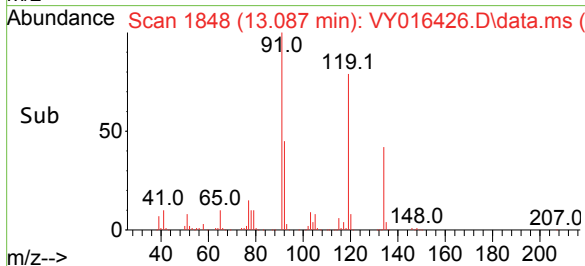
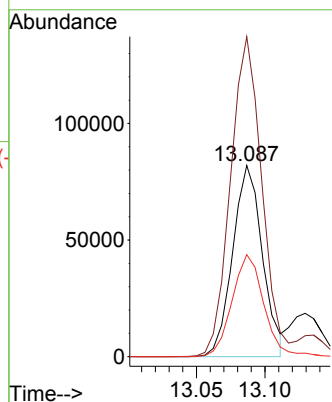
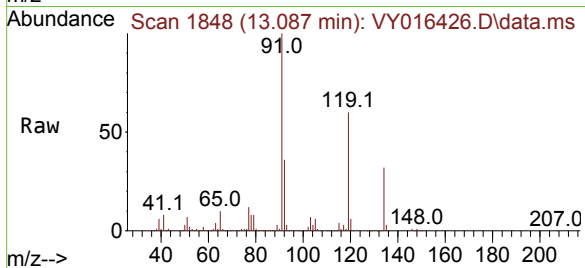
Tgt Ion:119 Resp: 123974

Ion Ratio Lower Upper

119 100

91 175.5 32.9 98.6#

134 57.2 13.0 38.9#



#84

1,2,4-Trimethylbenzene

Concen: 19.742 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016426.D

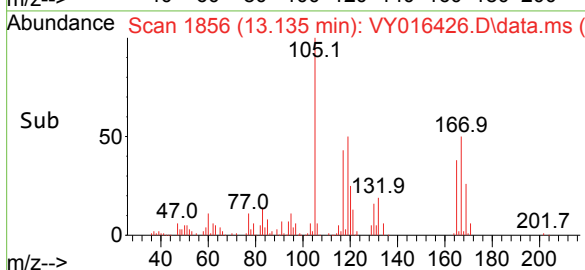
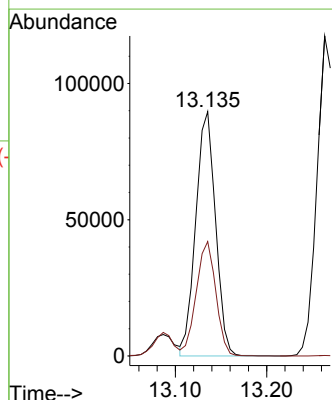
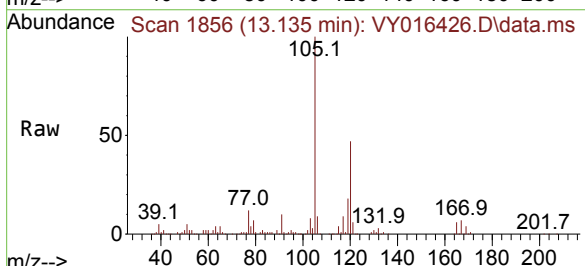
Acq: 20 Nov 2023 16:03

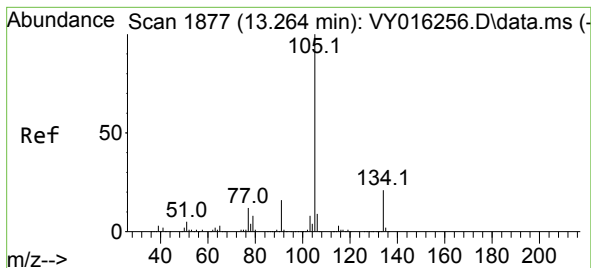
Tgt Ion:105 Resp: 134794

Ion Ratio Lower Upper

105 100

120 46.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.643 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

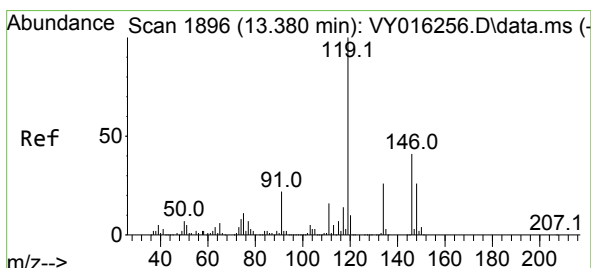
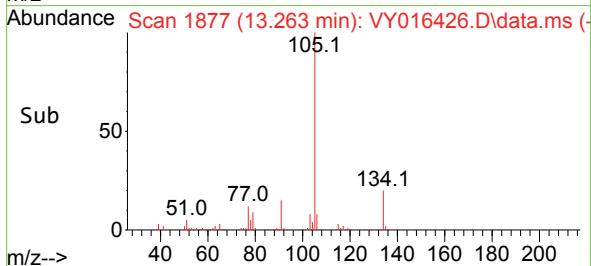
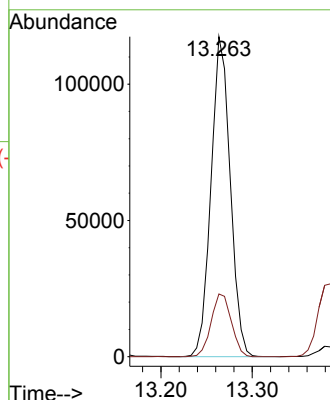
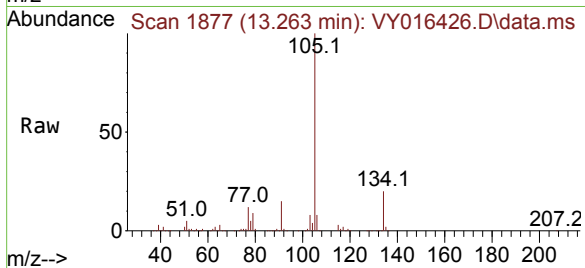
ClientSampleId :

Tgt Ion:105 Resp: 171396

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 23.637 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

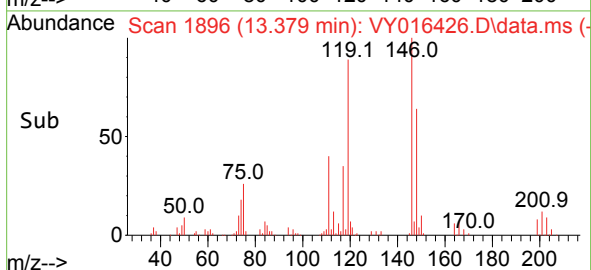
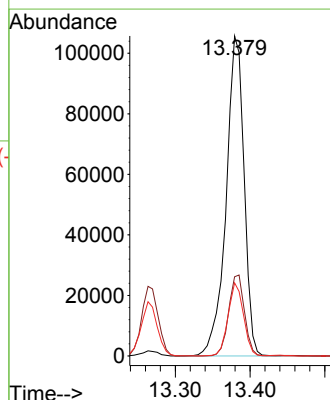
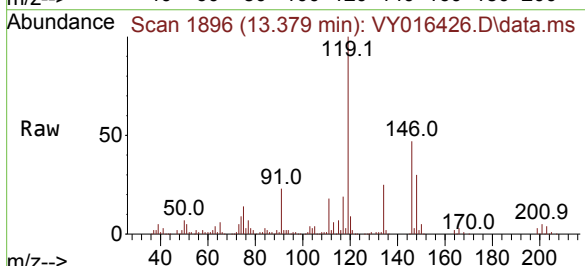
Tgt Ion:119 Resp: 177595

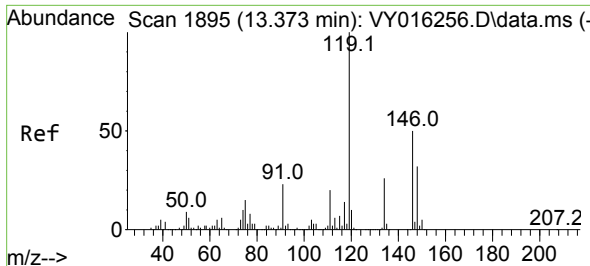
Ion Ratio Lower Upper

119 100

134 22.2 13.3 39.8

91 19.6 12.4 37.4

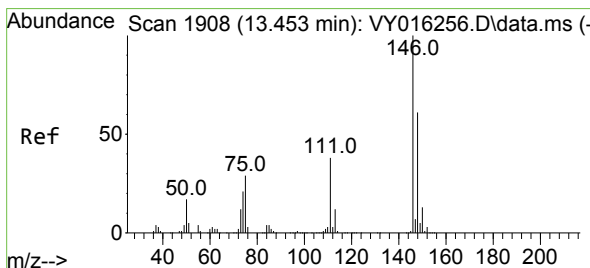
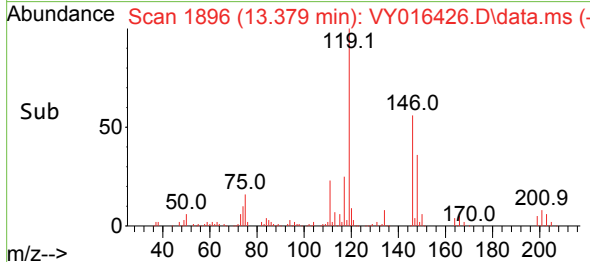
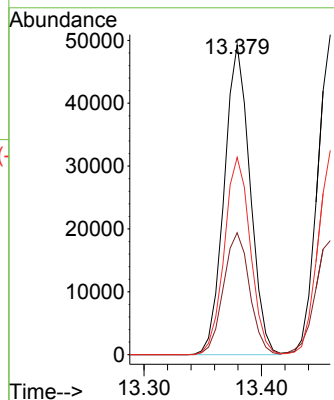
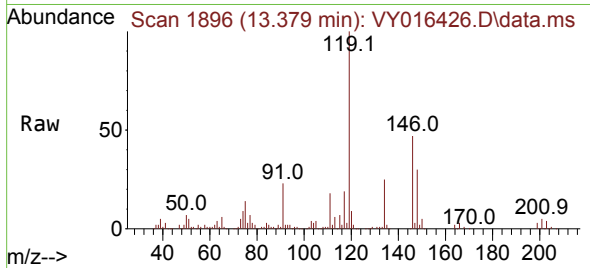




#87
1,3-Dichlorobenzene
Concen: 20.137 ug/l
RT: 13.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

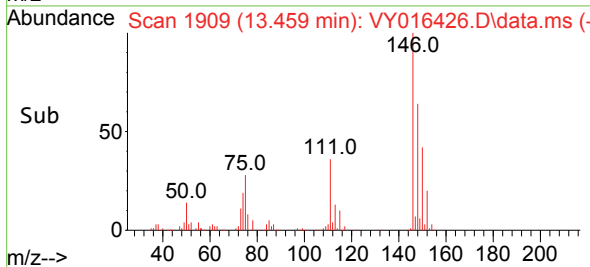
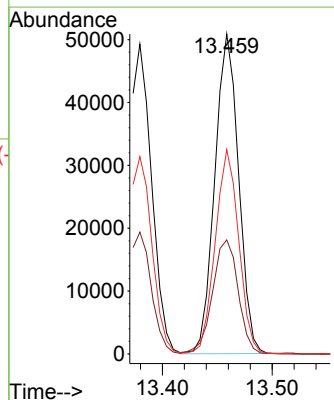
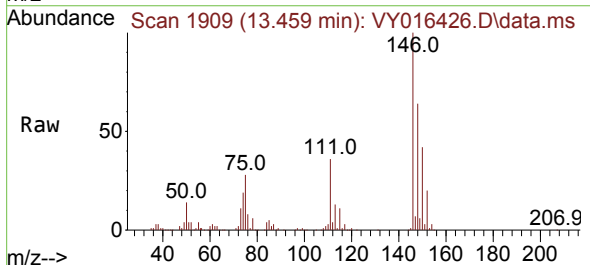
Instrument :
MSVOA_Y
ClientSampleId :

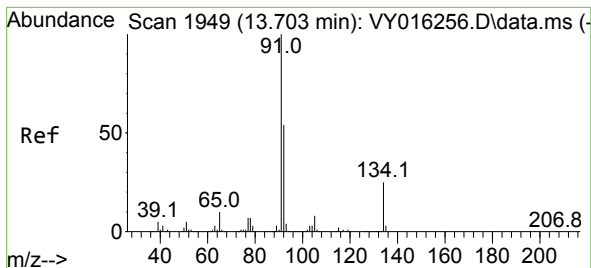
Tgt Ion:146 Resp: 75305
Ion Ratio Lower Upper
146 100
111 39.9 19.4 58.2
148 64.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.998 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Tgt Ion:146 Resp: 76740
Ion Ratio Lower Upper
146 100
111 38.5 18.9 56.7
148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 19.712 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

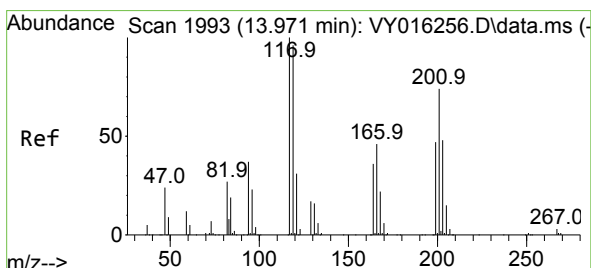
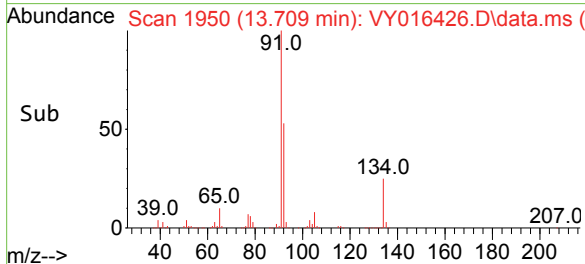
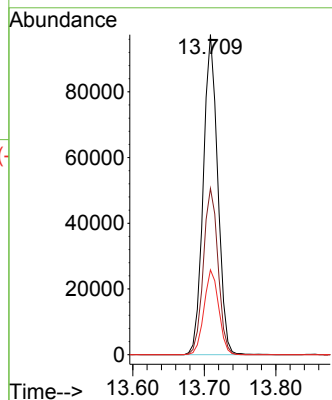
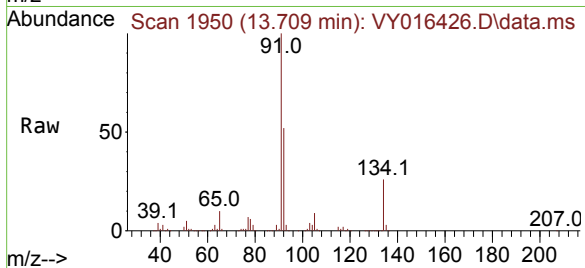
Tgt Ion: 91 Resp: 136771

Ion Ratio Lower Upper

91 100

92 52.7 25.4 76.0

134 27.0 12.6 37.6



#90

Hexachloroethane

Concen: 20.349 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016426.D

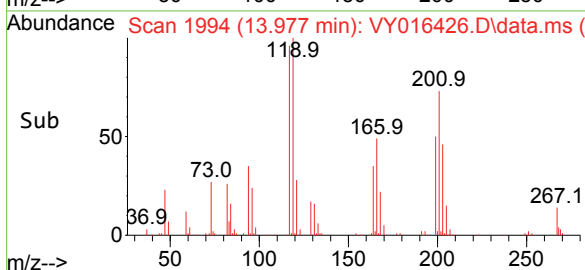
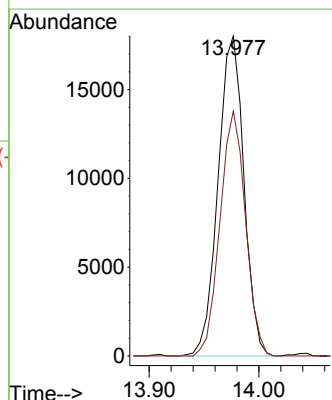
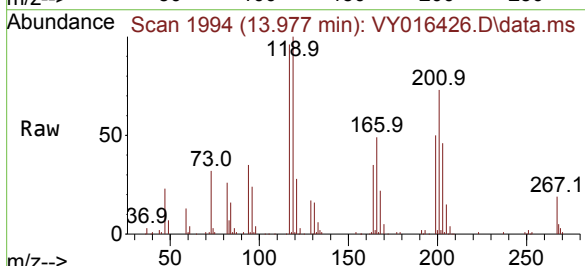
Acq: 20 Nov 2023 16:03

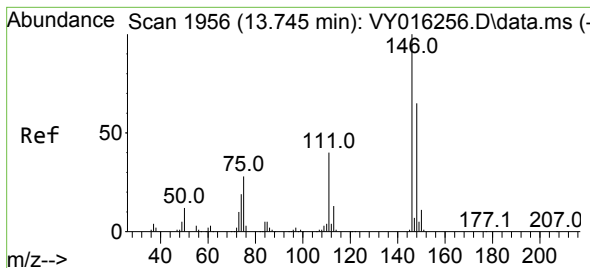
Tgt Ion: 117 Resp: 29492

Ion Ratio Lower Upper

117 100

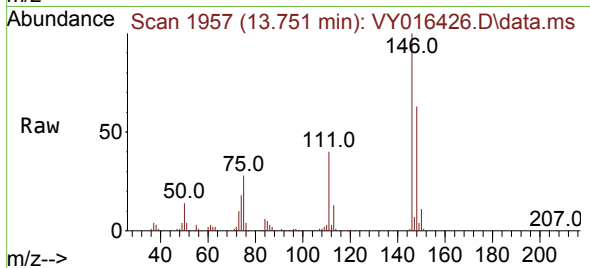
201 75.4 41.6 124.8



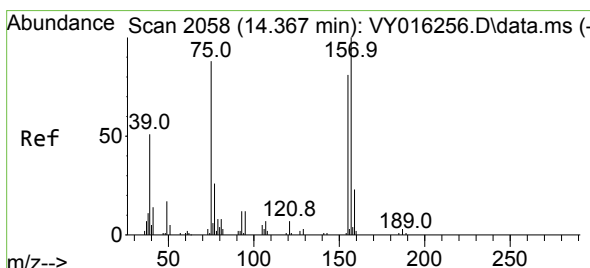
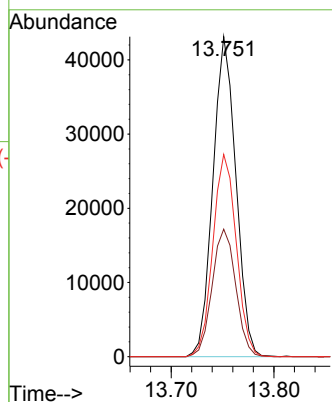
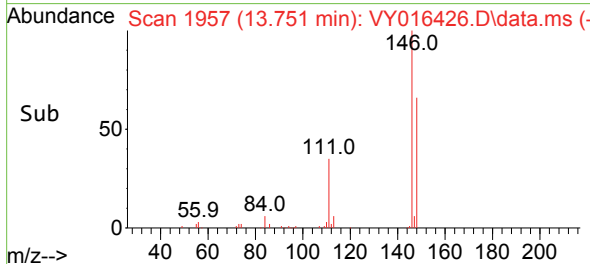


#91
1,2-Dichlorobenzene
Concen: 20.896 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Instrument :
MSVOA_Y
ClientSampleId :

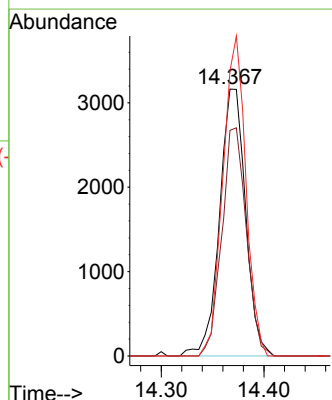
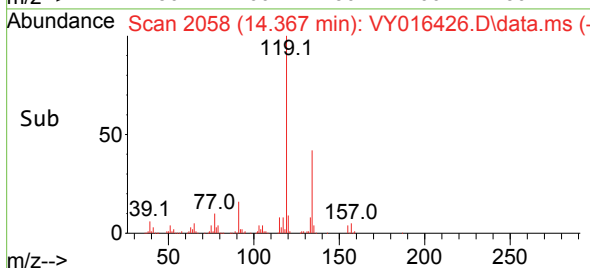
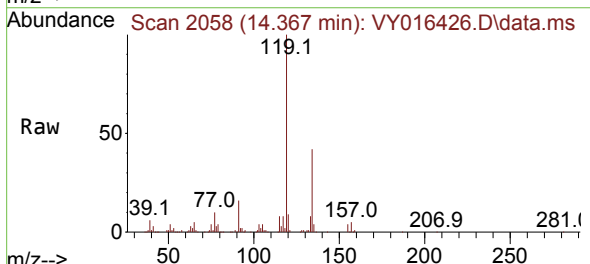


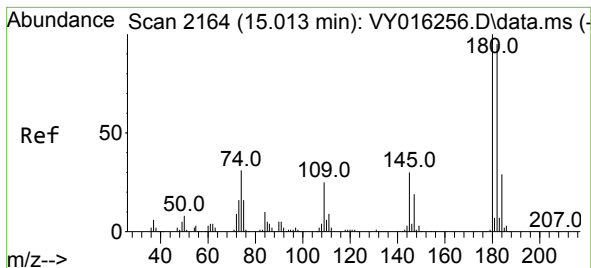
Tgt Ion:146 Resp: 66961
Ion Ratio Lower Upper
146 100
111 41.0 19.7 59.0
148 64.3 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 25.309 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016426.D
Acq: 20 Nov 2023 16:03

Tgt Ion: 75 Resp: 5557
Ion Ratio Lower Upper
75 100
155 80.1 41.5 124.6
157 105.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 22.210 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

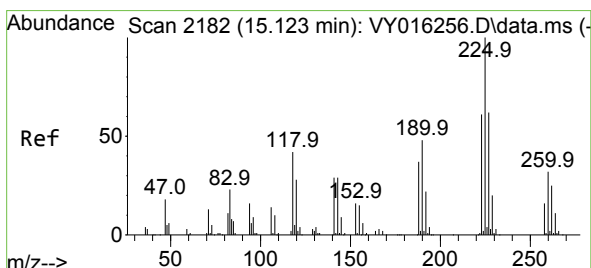
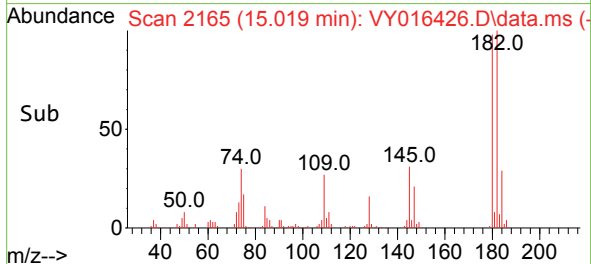
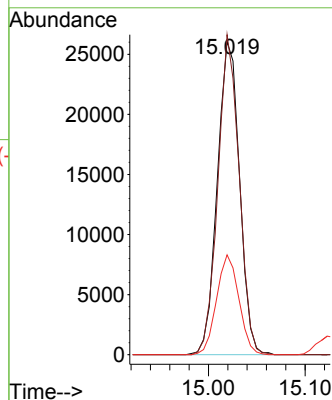
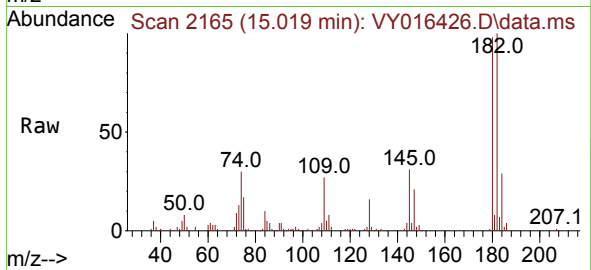
Tgt Ion:180 Resp: 41542

Ion Ratio Lower Upper

180 100

182 97.6 47.0 141.2

145 31.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 23.221 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

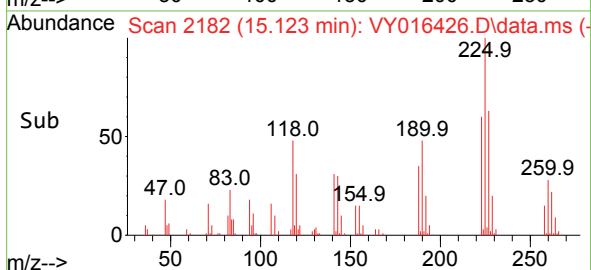
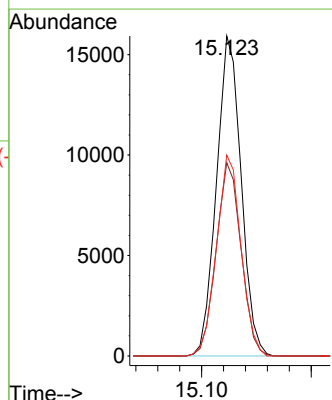
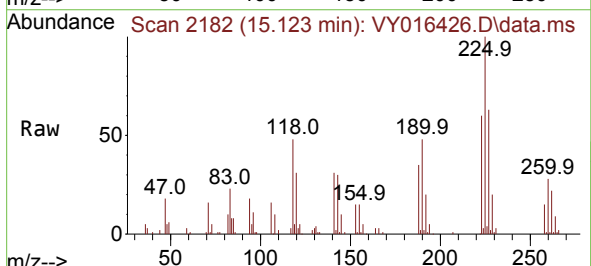
Tgt Ion:225 Resp: 24884

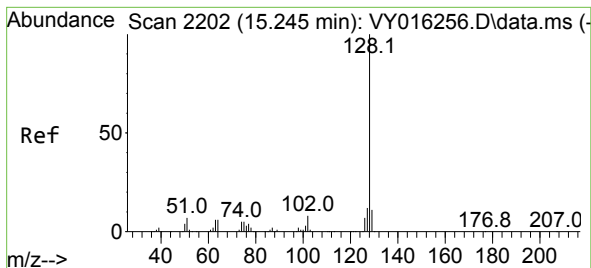
Ion Ratio Lower Upper

225 100

223 60.9 31.9 95.9

227 62.5 33.0 98.9





#95

Naphthalene

Concen: 24.060 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016426.D

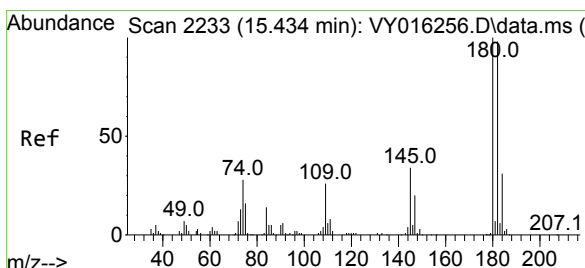
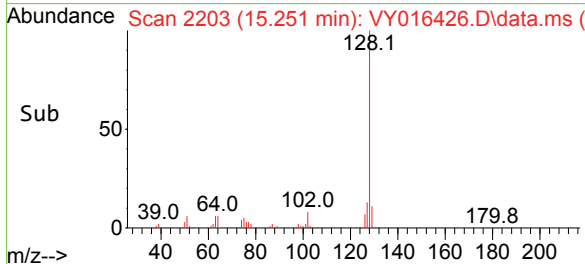
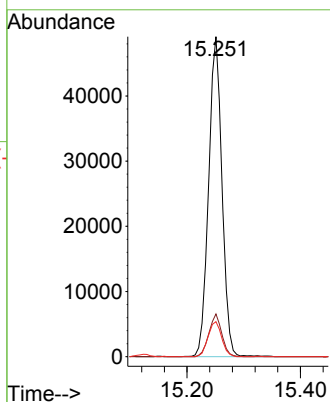
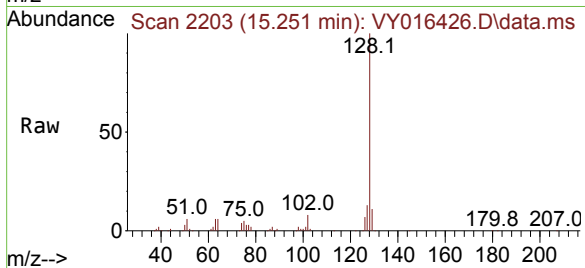
Acq: 20 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	80490
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: 23.154 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016426.D

Acq: 20 Nov 2023 16:03

Tgt Ion:	180	Resp:	35822
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.3	141.8
145	32.3	15.4	46.2

