

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016386.D
 Acq On : 16 Nov 2023 14:05
 Operator : SY/MD
 Sample : VY1116SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 17 04:05:47 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	7.789	168	155596	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	254168	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	222977	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	103551	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70639	49.673	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.340%
35) Dibromofluoromethane	7.716	113	74943	51.906	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.820%
50) Toluene-d8	10.179	98	290150	49.556	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.120%
62) 4-Bromofluorobenzene	12.483	95	94402	49.643	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	28361	18.615	ug/l	95
3) Chloromethane	2.113	50	30295	16.979	ug/l	96
4) Vinyl Chloride	2.247	62	32727	17.057	ug/l	98
5) Bromomethane	2.644	94	21375	16.952	ug/l	96
6) Chloroethane	2.790	64	21801	17.807	ug/l	96
7) Trichlorofluoromethane	3.119	101	52957	18.971	ug/l	99
8) Diethyl Ether	3.522	74	16096	19.293	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	31330	18.635	ug/l	95
10) Methyl Iodide	4.088	142	31819	17.523	ug/l	98
11) Tert butyl alcohol	4.948	59	9975	89.574	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	27875	17.728	ug/l	86
13) Acrolein	3.729	56	11674	86.912	ug/l	97
14) Allyl chloride	4.473	41	40288	18.056	ug/l #	92
15) Acrylonitrile	5.155	53	31978	96.585	ug/l	99
16) Acetone	3.942	43	28013	119.087	ug/l #	85
17) Carbon Disulfide	4.192	76	74657	15.737	ug/l	98
18) Methyl Acetate	4.466	43	23931	19.146	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	72631	19.085	ug/l	99
20) Methylene Chloride	4.716	84	40207	22.265	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	33264	18.374	ug/l	91
22) Diisopropyl ether	6.113	45	91448	19.017	ug/l	90
23) Vinyl Acetate	6.058	43	214965	92.259	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	57061	19.235	ug/l	96
25) 2-Butanone	6.978	43	43156	104.743	ug/l	90
26) 2,2-Dichloropropane	6.978	77	51816	19.191	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	38041	19.498	ug/l	90
28) Bromochloromethane	7.332	49	21193	19.303	ug/l	84
29) Tetrahydrofuran	7.344	42	25622	94.084	ug/l	89
30) Chloroform	7.503	83	62494	20.239	ug/l	96
31) Cyclohexane	7.783	56	47491	16.962	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	54551	19.272	ug/l	97
36) 1,1-Dichloropropene	7.917	75	45340	18.085	ug/l	99
37) Ethyl Acetate	7.070	43	18368	18.133	ug/l #	96
38) Carbon Tetrachloride	7.899	117	48986	18.826	ug/l	97
39) Methylcyclohexane	9.185	83	52885	16.929	ug/l	93
40) Benzene	8.161	78	132275	18.779	ug/l	98

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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	7.301	41	9819	19.224	ug/l #	85
42) 1,2-Dichloroethane	8.234	62	35402	19.398	ug/l	93
43) Isopropyl Acetate	8.271	43	35039	17.894	ug/l #	88
44) Trichloroethene	8.941	130	38357	18.948	ug/l	90
45) 1,2-Dichloropropane	9.216	63	32326	19.109	ug/l	97
46) Dibromomethane	9.307	93	17676	19.282	ug/l	98
47) Bromodichloromethane	9.496	83	46864	19.885	ug/l	95
48) Methyl methacrylate	9.295	41	19157	17.702	ug/l #	84
49) 1,4-Dioxane	9.295	88	3687	378.852	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	92438	93.357	ug/l	89
52) Toluene	10.246	92	86228	19.366	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	44513	19.483	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	52846	19.366	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	24956	19.752	ug/l	97
56) Ethyl methacrylate	10.508	69	22355	18.743	ug/l #	84
57) 1,3-Dichloropropane	10.789	76	41733	19.377	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	74857	92.562	ug/l	93
59) 2-Hexanone	10.831	43	71561	97.163	ug/l	88
60) Dibromochloromethane	10.984	129	31526	19.951	ug/l	99
61) 1,2-Dibromoethane	11.087	107	23030	19.132	ug/l	98
64) Tetrachloroethene	10.721	164	37582	18.771	ug/l	98
65) Chlorobenzene	11.520	112	90717	19.042	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	35029	19.936	ug/l	98
67) Ethyl Benzene	11.593	91	159378	18.615	ug/l	99
68) m/p-Xylenes	11.703	106	123453	38.017	ug/l	94
69) o-Xylene	12.032	106	57451	19.055	ug/l	96
70) Styrene	12.044	104	83904	19.435	ug/l	97
71) Bromoform	12.209	173	17953	19.691	ug/l #	100
73) Isopropylbenzene	12.331	105	157270	18.755	ug/l	99
74) N-amyl acetate	12.142	43	28498	16.920	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	26041	19.353	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	33455	33.679	ug/l #	100
77) Bromobenzene	12.611	156	36443	19.229	ug/l	93
78) n-propylbenzene	12.672	91	185227	18.691	ug/l	99
79) 2-Chlorotoluene	12.758	91	103044	18.868	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	127864	18.913	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	8784	19.194	ug/l	89
82) 4-Chlorotoluene	12.855	91	106157	18.812	ug/l	98
83) tert-Butylbenzene	13.075	119	112181	18.838	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	126390	18.986	ug/l	98
85) sec-Butylbenzene	13.252	105	161961	19.038	ug/l	100
86) p-Isopropyltoluene	13.373	119	139812	19.086	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	70733	19.400	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	68082	19.106	ug/l	98
89) n-Butylbenzene	13.697	91	124577	18.415	ug/l	97
90) Hexachloroethane	13.959	117	26986	19.097	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	60401	19.332	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3546	16.564	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	31957	17.523	ug/l	99
94) Hexachlorobutadiene	15.111	225	20120	19.257	ug/l	96
95) Naphthalene	15.239	128	52352	16.050	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	25183	16.695	ug/l	98

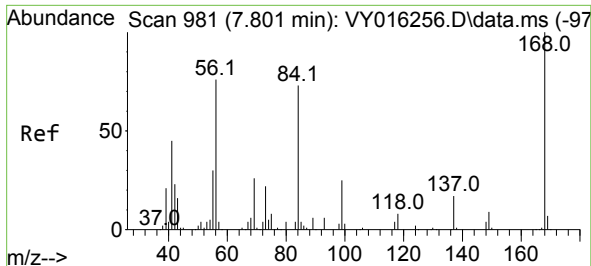
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
Data File : VY016386.D
Acq On : 16 Nov 2023 14:05
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

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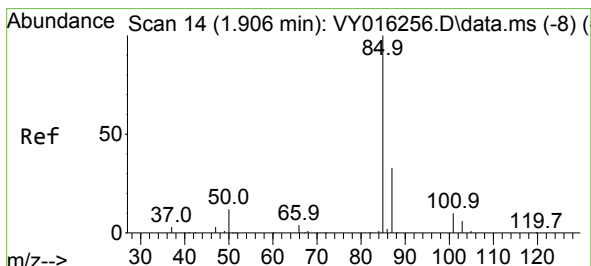
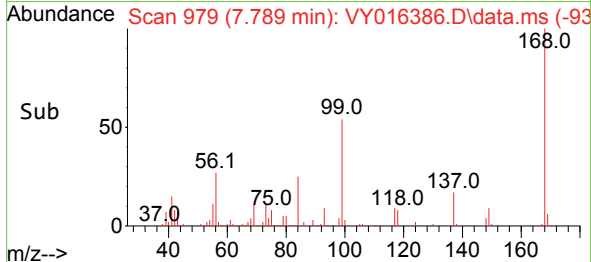
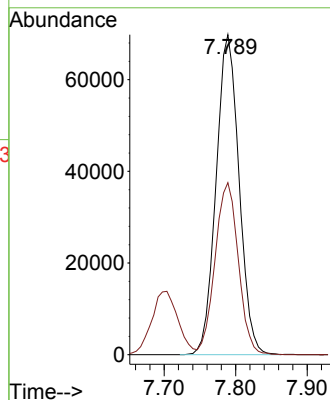
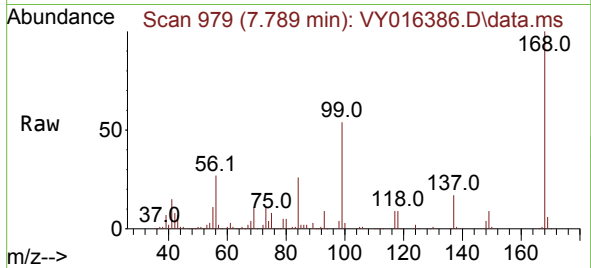
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

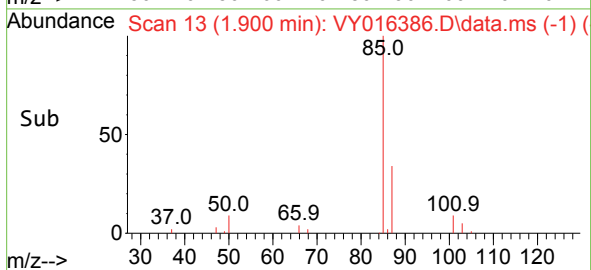
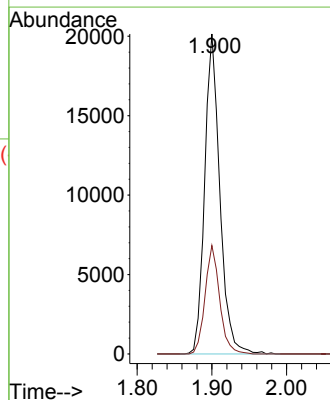
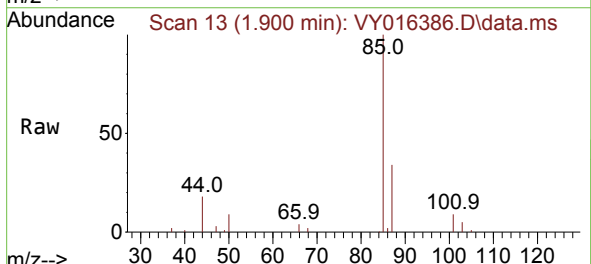
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MSVOA_Y
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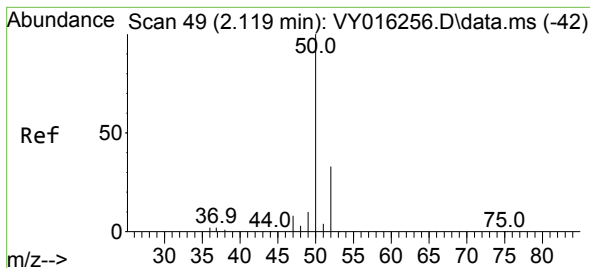
Tgt Ion:168 Resp: 155596
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.615 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion: 85 Resp: 28361
Ion Ratio Lower Upper
85 100
87 33.9 15.6 46.8





#3

Chloromethane

Concen: 16.979 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

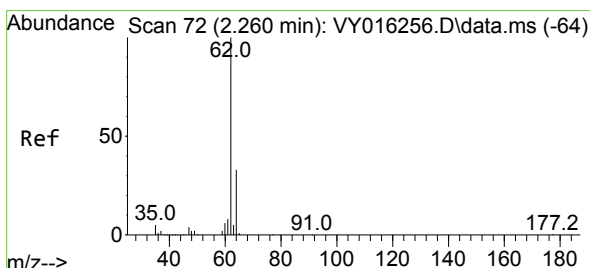
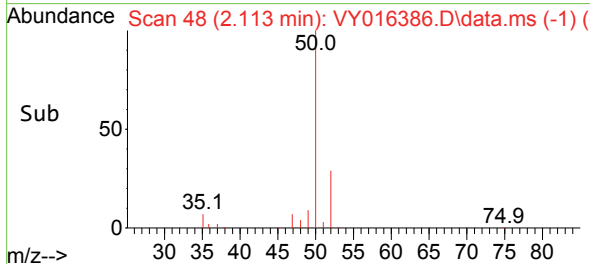
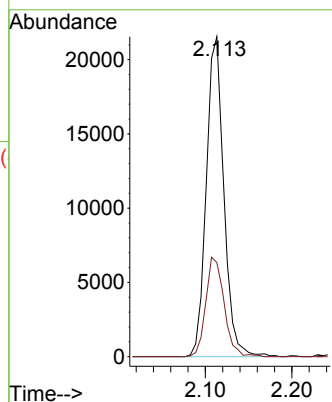
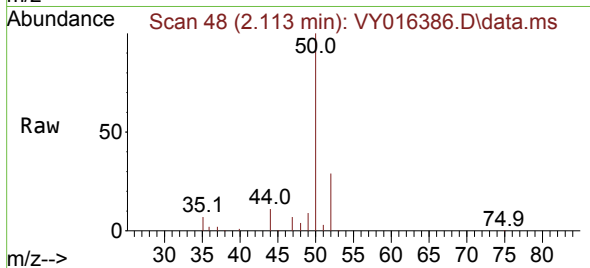
ClientSampleId :

Tgt Ion: 50 Resp: 30295

Ion Ratio Lower Upper

50 100

52 29.4 25.4 38.2



#4

Vinyl Chloride

Concen: 17.057 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.012 min

Lab File: VY016386.D

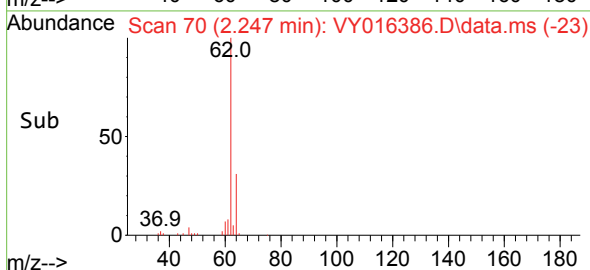
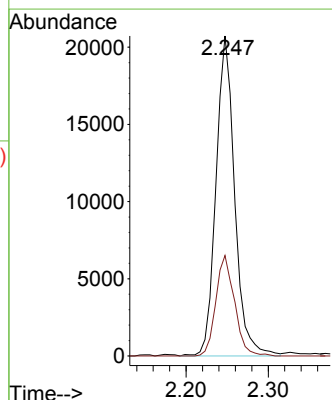
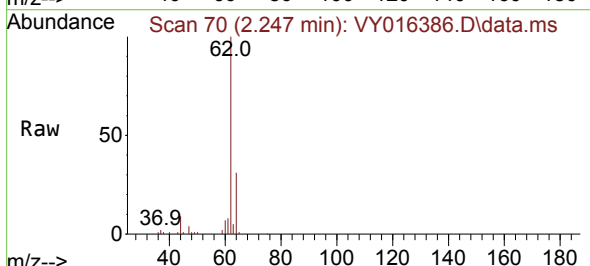
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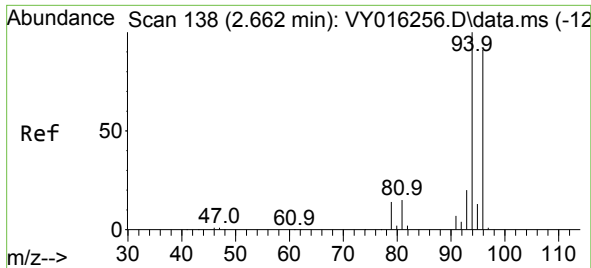
Tgt Ion: 62 Resp: 32727

Ion Ratio Lower Upper

62 100

64 31.4 24.3 36.5

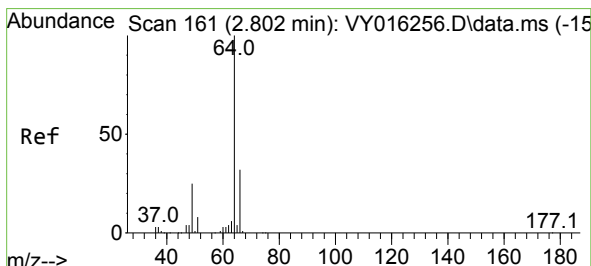
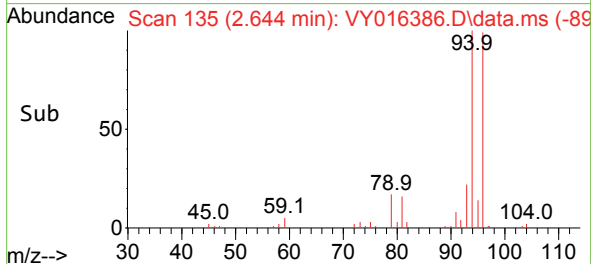
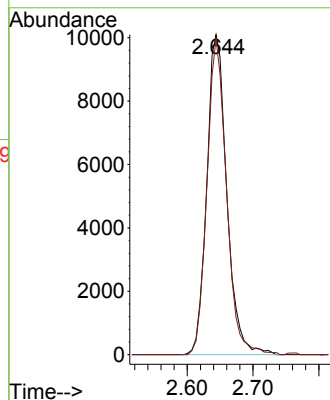
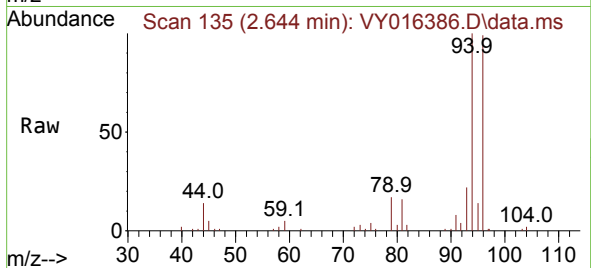




#5
Bromomethane
Concen: 16.952 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

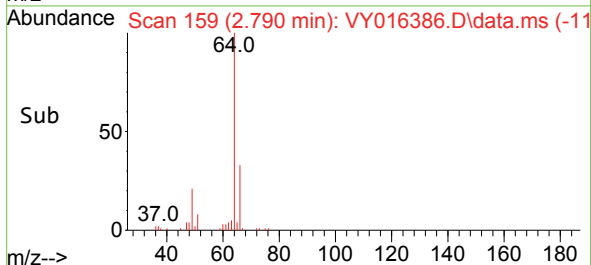
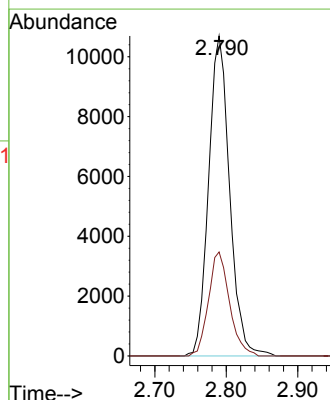
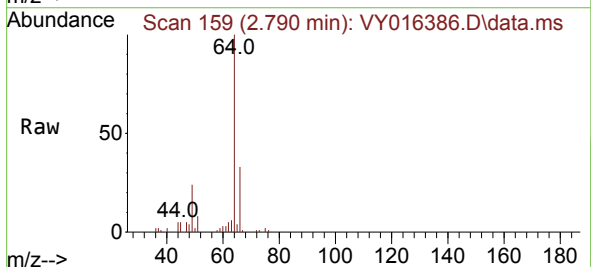
Instrument :
MSVOA_Y
ClientSampleId :

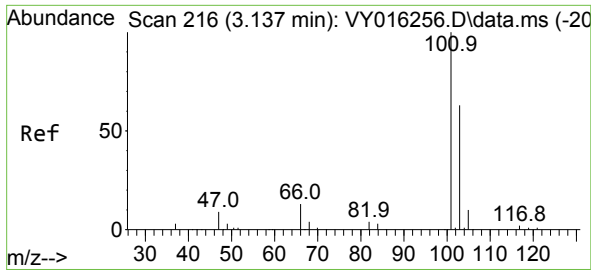
Tgt Ion: 94 Resp: 21375
Ion Ratio Lower Upper
94 100
96 98.7 75.8 113.6



#6
Chloroethane
Concen: 17.807 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion: 64 Resp: 21801
Ion Ratio Lower Upper
64 100
66 32.5 24.4 36.6

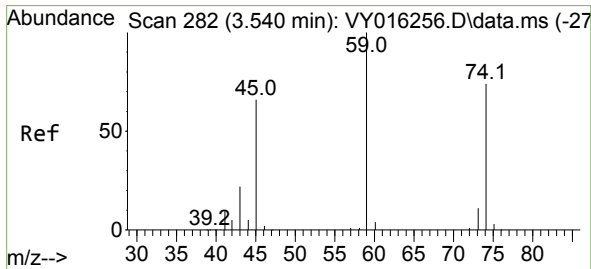
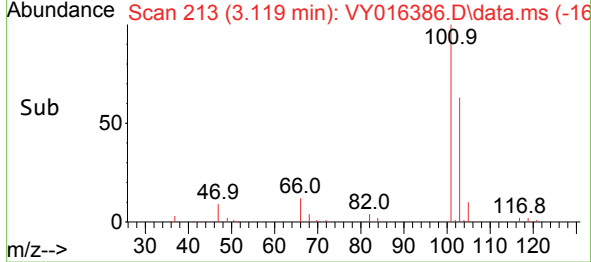
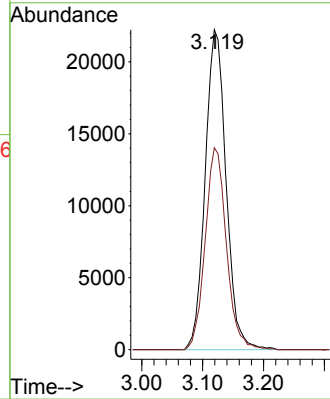
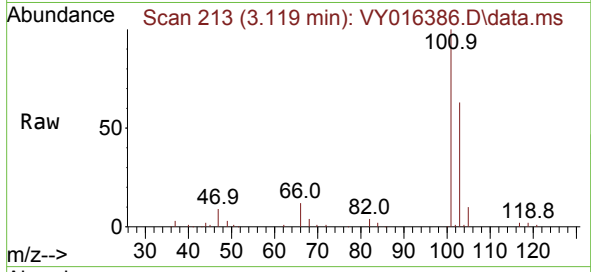




#7
Trichlorofluoromethane
Concen: 18.971 ug/l
RT: 3.119 min Scan# 216
Delta R.T. -0.018 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

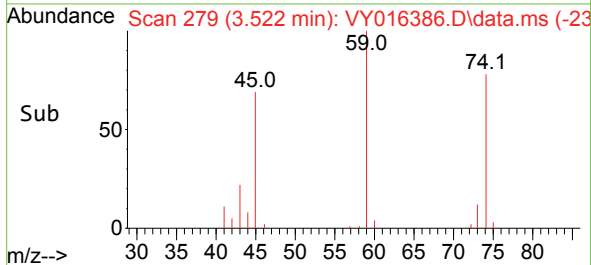
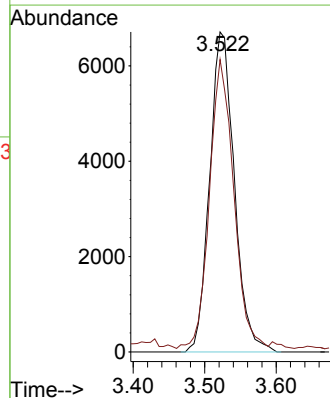
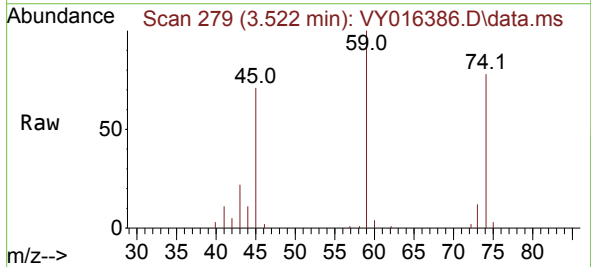
Instrument :
MSVOA_Y
ClientSampleId :

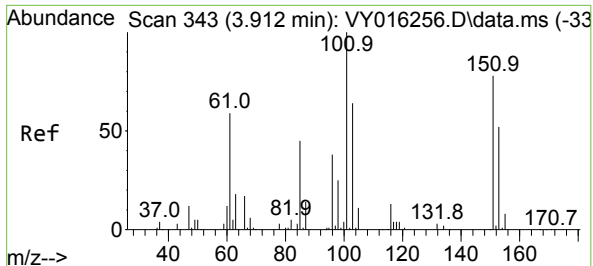
Tgt Ion:101 Resp: 52957
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.0



#8
Diethyl Ether
Concen: 19.293 ug/l
RT: 3.522 min Scan# 279
Delta R.T. -0.018 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion: 74 Resp: 16096
Ion Ratio Lower Upper
74 100
45 88.4 51.5 154.5

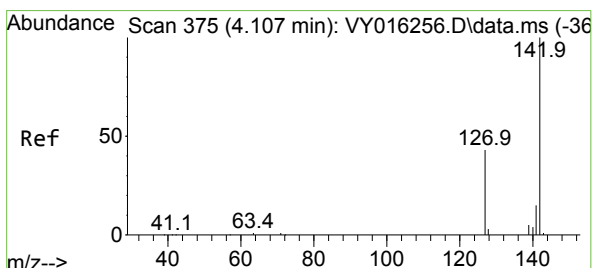
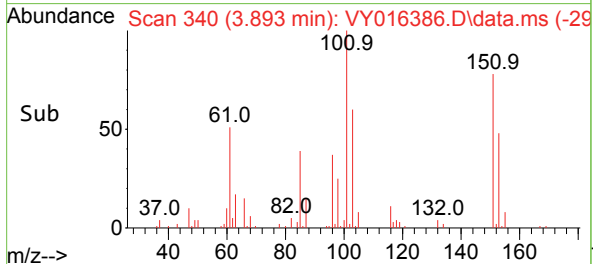
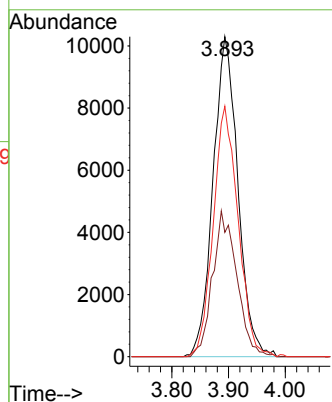
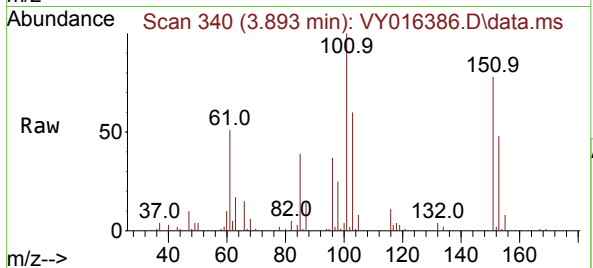




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.635 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

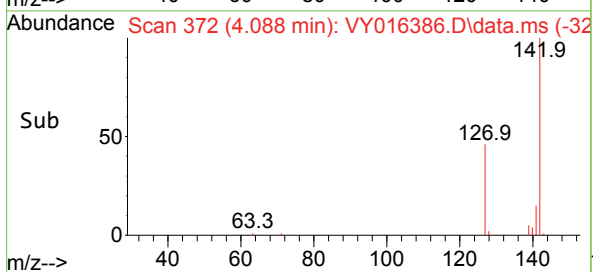
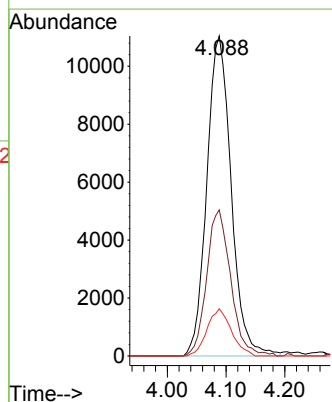
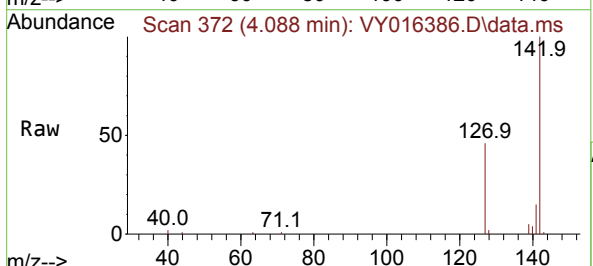
Instrument :
MSVOA_Y
ClientSampleId :

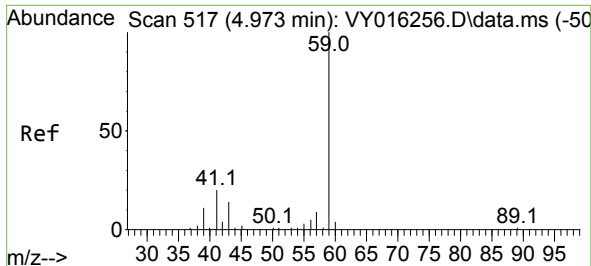
Tgt Ion:101 Resp: 31330
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 78.2 67.0 100.6



#10
Methyl Iodide
Concen: 17.523 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.018 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

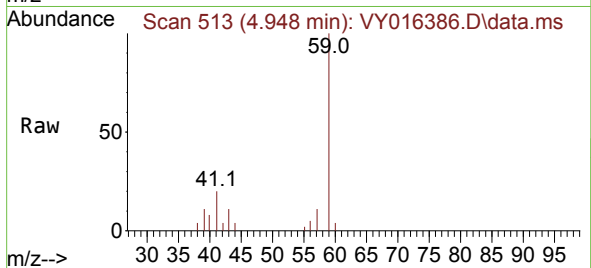
Tgt Ion:142 Resp: 31819
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.7 11.8 17.8



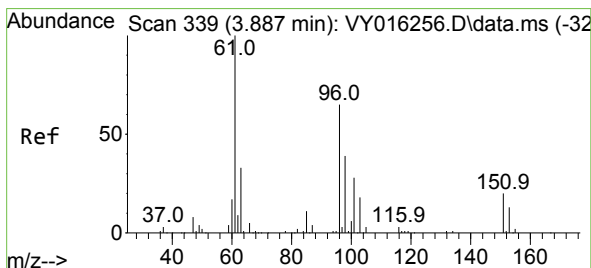
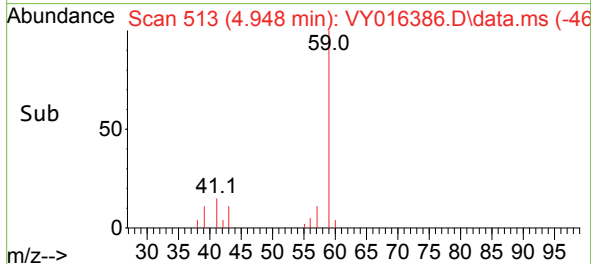
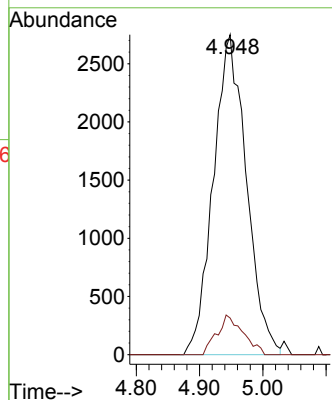


#11
Tert butyl alcohol
Concen: 89.574 ug/l
RT: 4.948 min Scan# 517
Delta R.T. -0.024 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :

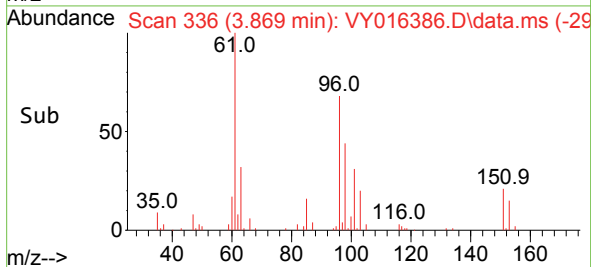
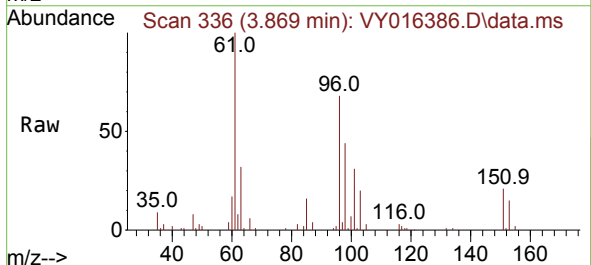
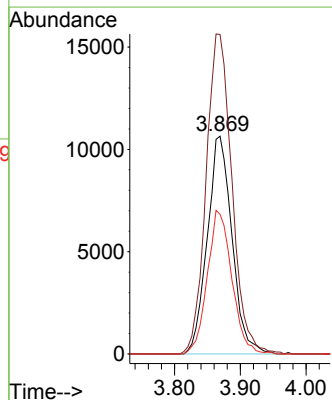


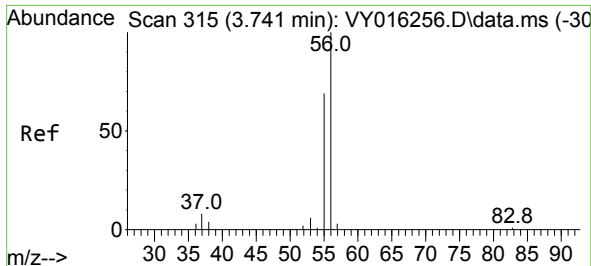
Tgt Ion: 59 Resp: 9975
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 17.728 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.018 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

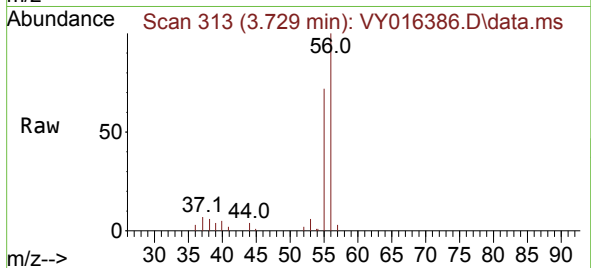
Tgt Ion: 96 Resp: 27875
Ion Ratio Lower Upper
96 100
61 146.7 136.4 204.6
98 64.1 49.4 74.2



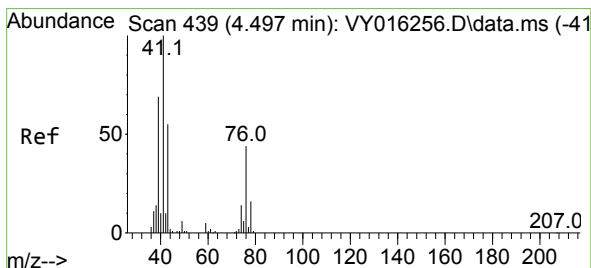
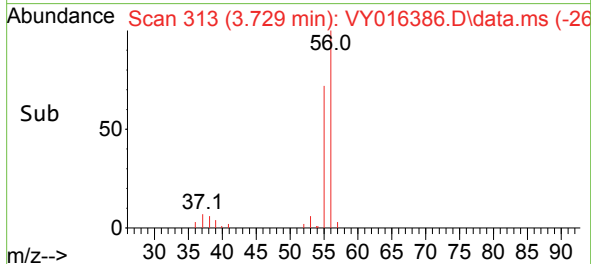
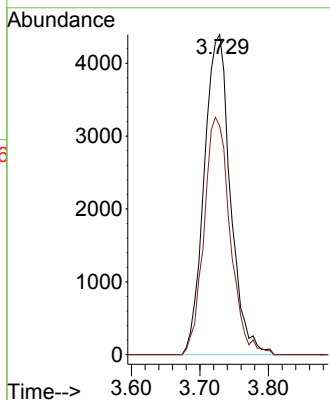


#13
Acrolein
Concen: 86.912 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :

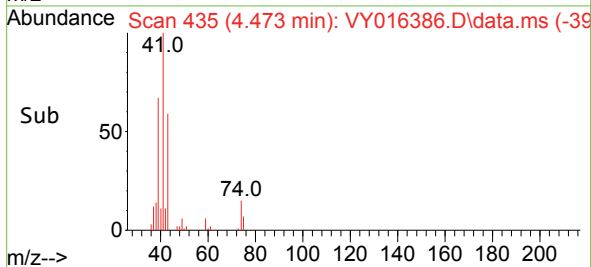
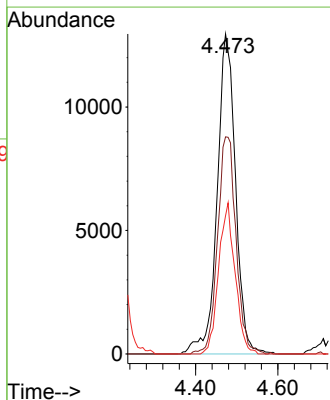
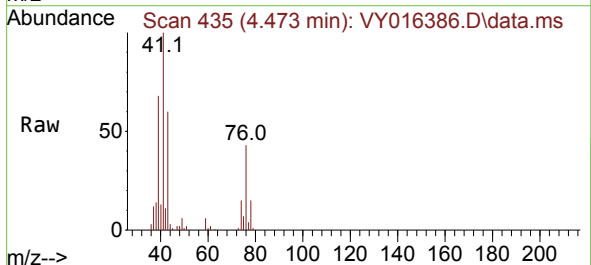


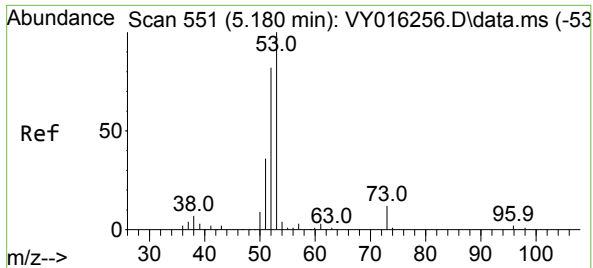
Tgt Ion: 56 Resp: 11674
Ion Ratio Lower Upper
56 100
55 74.0 57.0 85.4



#14
Allyl chloride
Concen: 18.056 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.024 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion: 41 Resp: 40288
Ion Ratio Lower Upper
41 100
39 68.0 58.0 87.0
76 42.2 27.4 41.2#

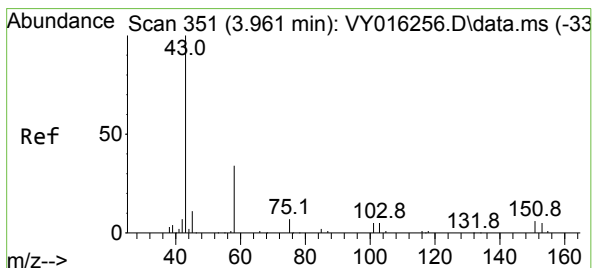
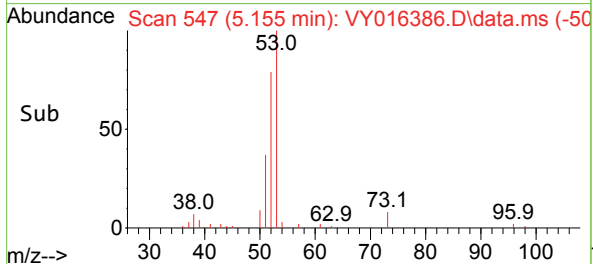
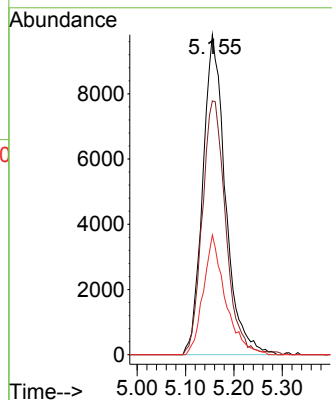
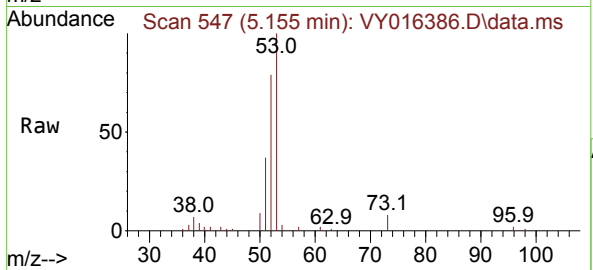




#15
Acrylonitrile
Concen: 96.585 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.024 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

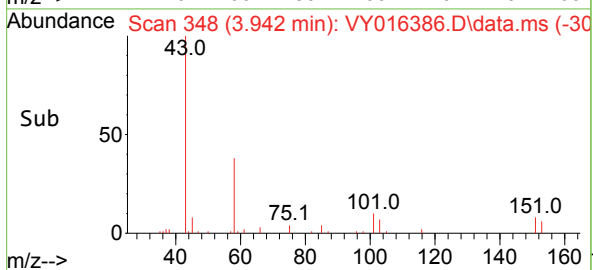
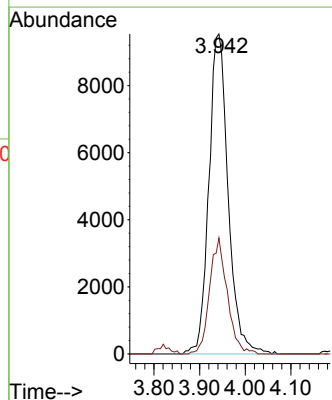
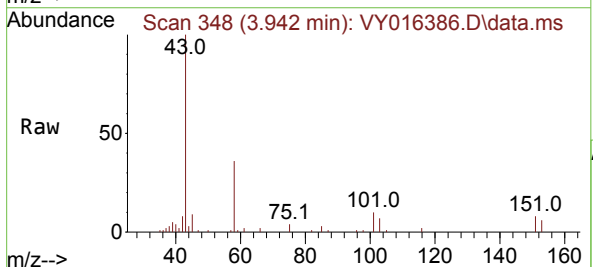
Instrument :
MSVOA_Y
ClientSampleId :

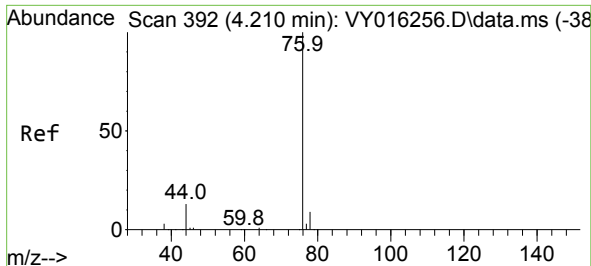
Tgt Ion:	53	Resp:	31978
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.9	100.3
51	36.4	29.8	44.6



#16
Acetone
Concen: 119.087 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion:	43	Resp:	28013
Ion	Ratio	Lower	Upper
43	100		
58	36.3	22.7	34.1#





#17

Carbon Disulfide

Concen: 15.737 ug/l

RT: 4.192 min Scan# 392

Delta R.T. -0.018 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

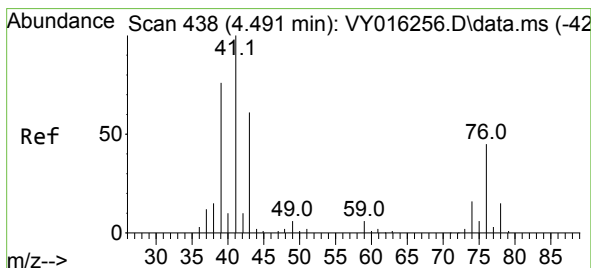
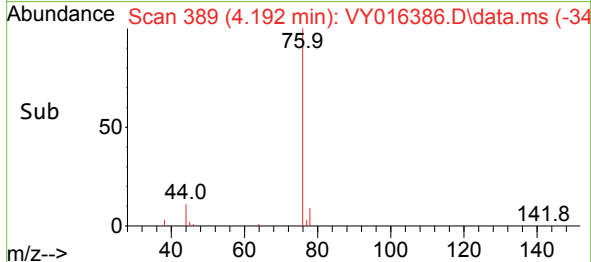
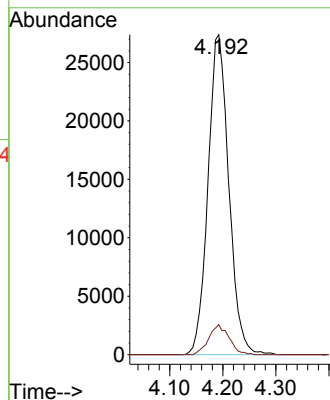
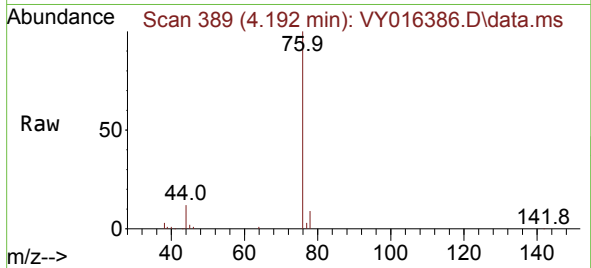
ClientSampleId :

Tgt Ion: 76 Resp: 74657

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4



#18

Methyl Acetate

Concen: 19.146 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.024 min

Lab File: VY016386.D

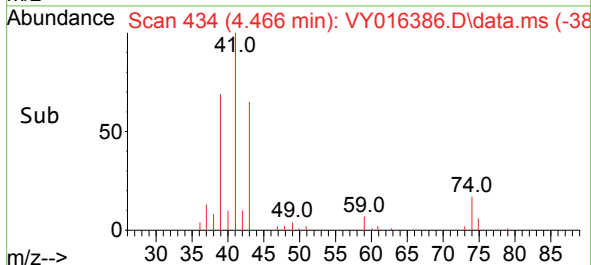
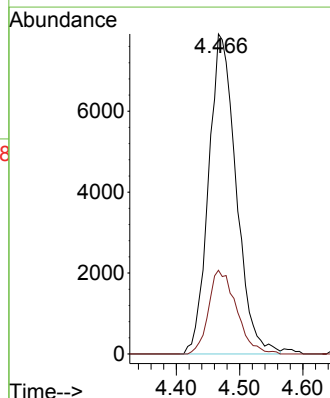
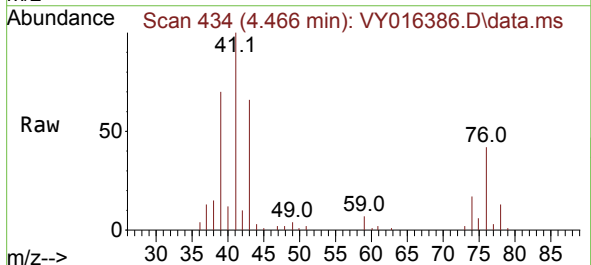
Acq: 16 Nov 2023 14:05

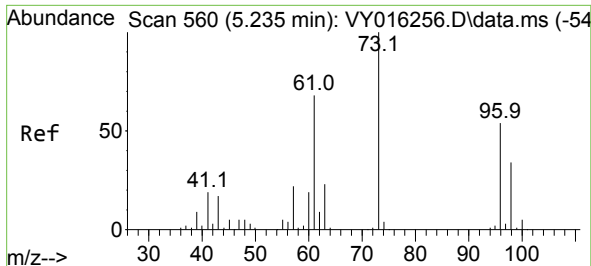
Tgt Ion: 43 Resp: 23931

Ion Ratio Lower Upper

43 100

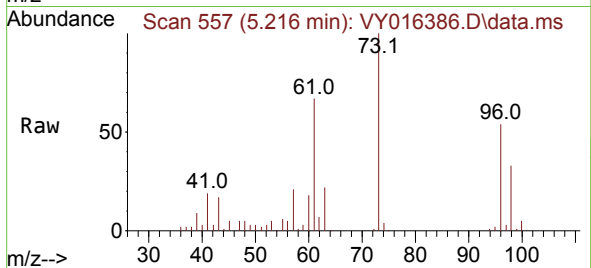
74 26.5 17.4 26.0#



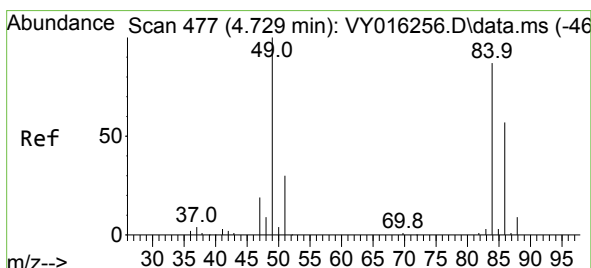
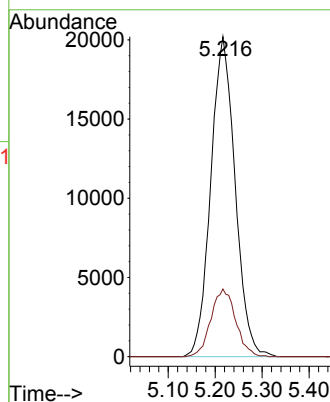
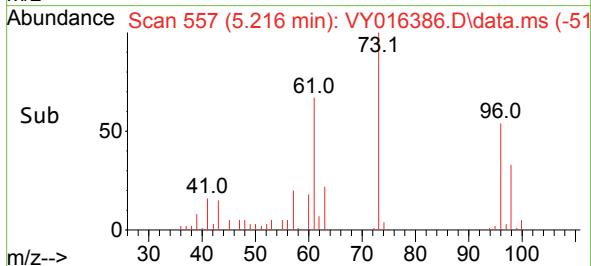


#19
Methyl tert-butyl Ether
Concen: 19.085 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

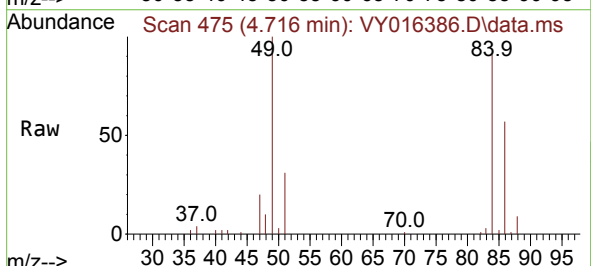
Instrument :
MSVOA_Y
ClientSampleId :



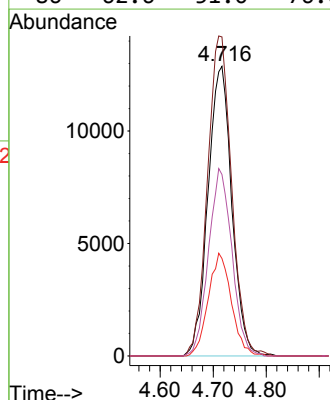
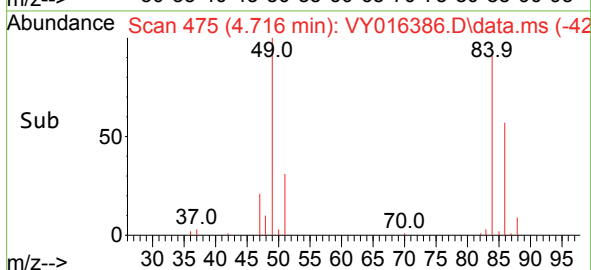
Tgt Ion: 73 Resp: 72631
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

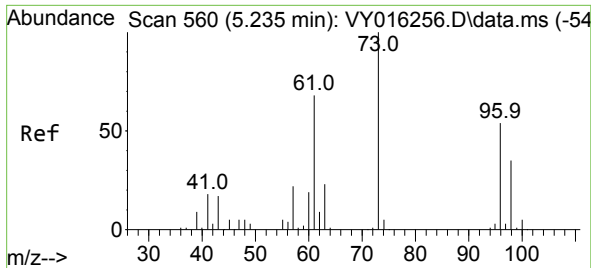


#20
Methylene Chloride
Concen: 22.265 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05



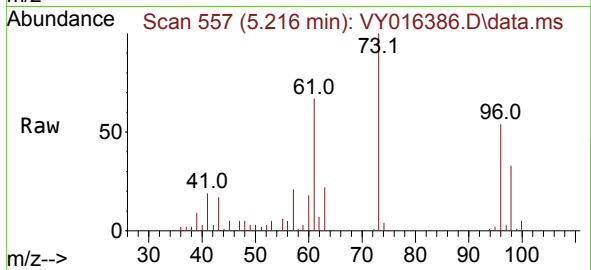
Tgt Ion: 84 Resp: 40207
Ion Ratio Lower Upper
84 100
49 110.1 106.9 160.3
51 33.6 33.2 49.8
86 62.6 51.0 76.6



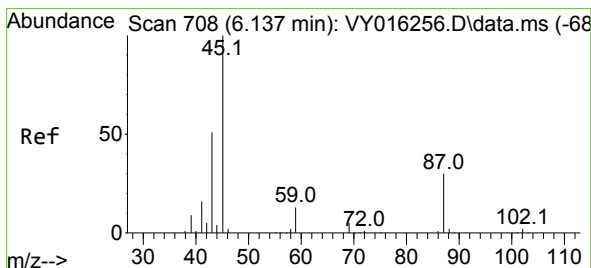
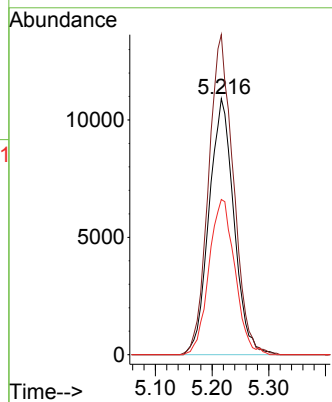
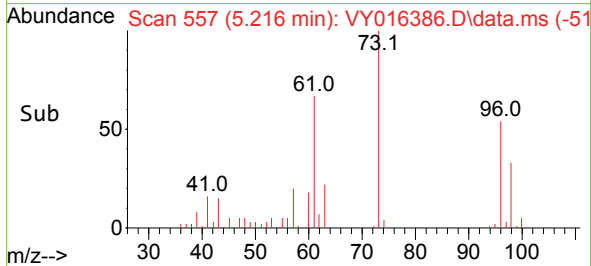


#21
trans-1,2-Dichloroethene
Concen: 18.374 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :

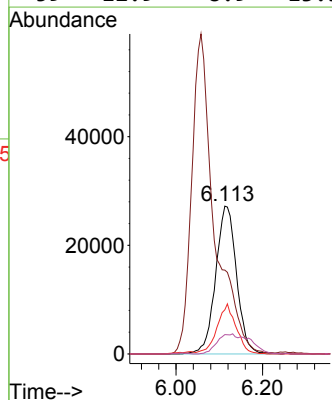
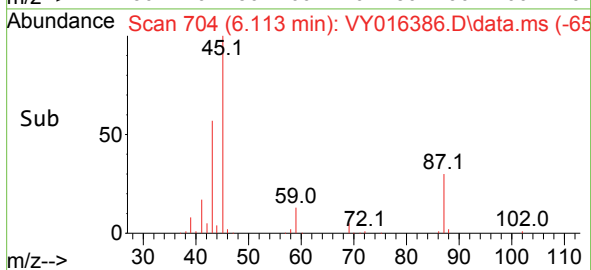
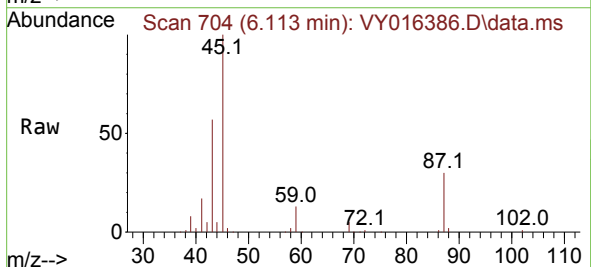


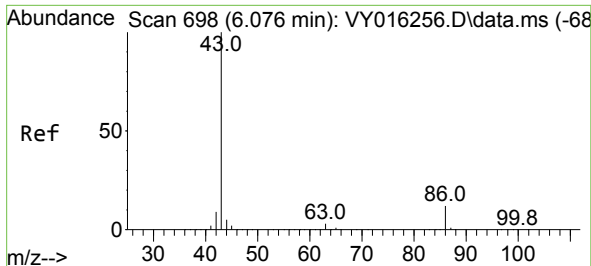
Tgt Ion: 96 Resp: 33264
Ion Ratio Lower Upper
96 100
61 125.0 110.2 165.4
98 60.6 51.8 77.6



#22
Diisopropyl ether
Concen: 19.017 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.024 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion: 45 Resp: 91448
Ion Ratio Lower Upper
45 100
43 55.4 52.2 78.4
87 29.9 21.0 31.6
59 12.9 8.9 13.3

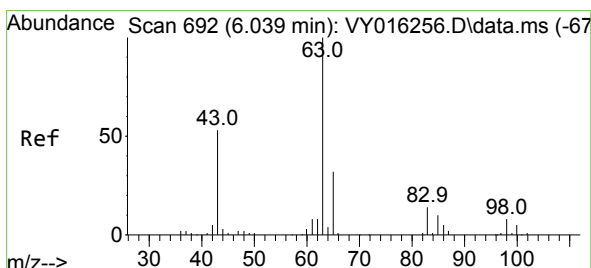
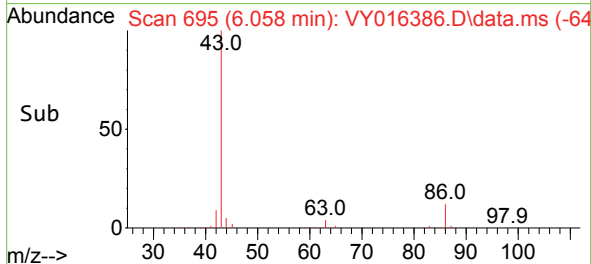
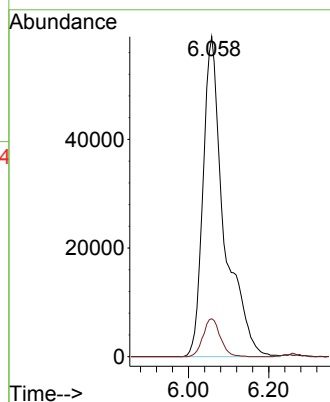
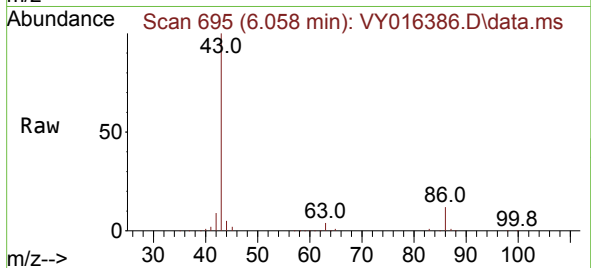




#23
 Vinyl Acetate
 Concen: 92.259 ug/l
 RT: 6.058 min Scan# 64
 Delta R.T. -0.018 min
 Lab File: VY016386.D
 Acq: 16 Nov 2023 14:05

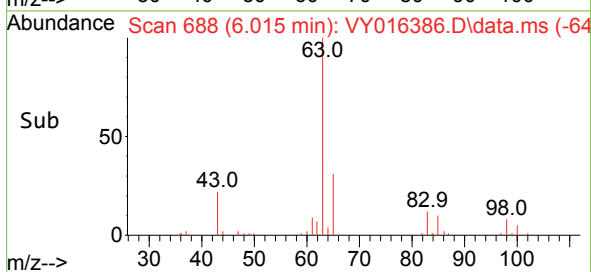
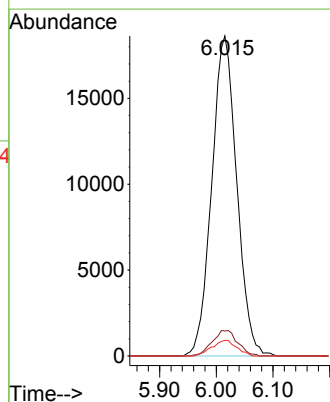
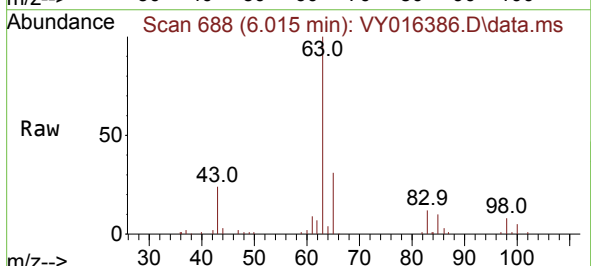
Instrument :
 MSVOA_Y
 ClientSampleId :

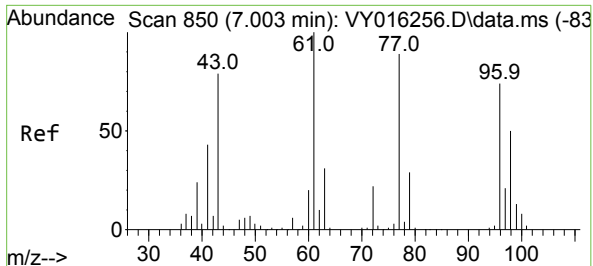
Tgt Ion: 43 Resp: 214965
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.235 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.024 min
 Lab File: VY016386.D
 Acq: 16 Nov 2023 14:05

Tgt Ion: 63 Resp: 57061
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 104.743 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.024 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

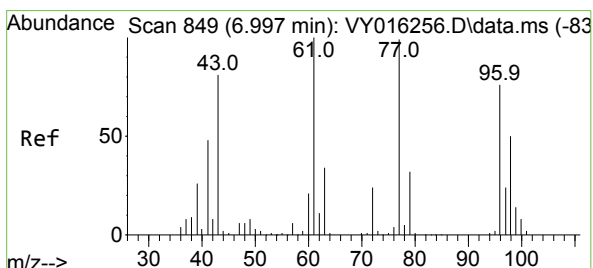
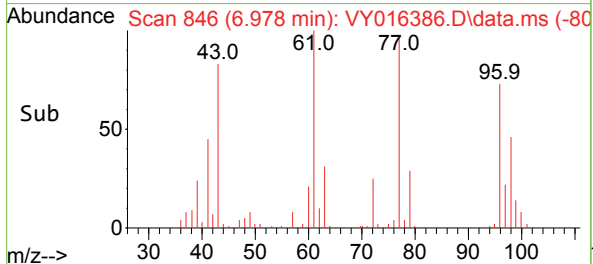
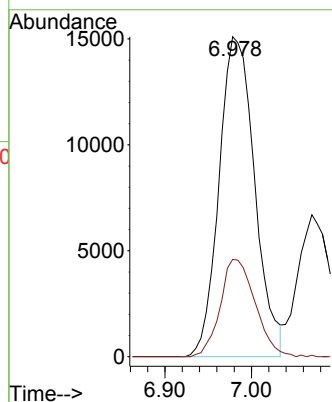
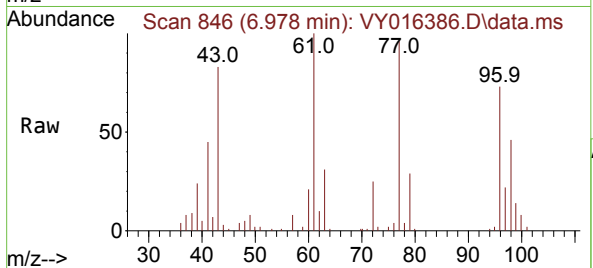
ClientSampleId :

Tgt Ion: 43 Resp: 43156

Ion Ratio Lower Upper

43 100

72 30.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.191 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.018 min

Lab File: VY016386.D

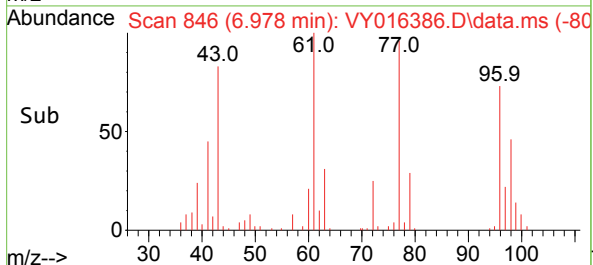
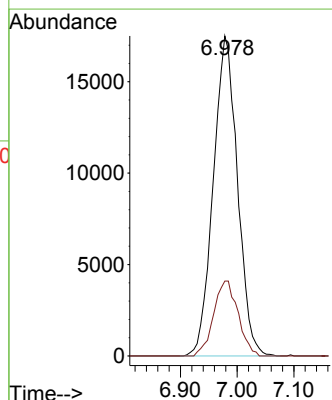
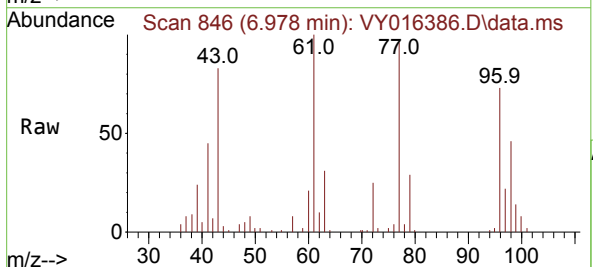
Acq: 16 Nov 2023 14:05

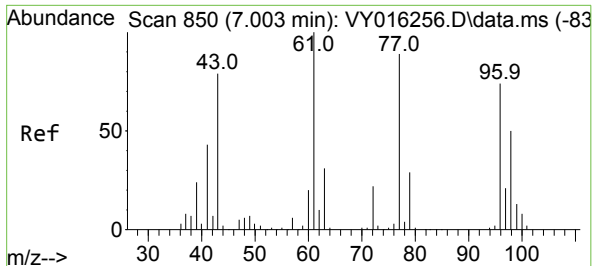
Tgt Ion: 77 Resp: 51816

Ion Ratio Lower Upper

77 100

97 23.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.498 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

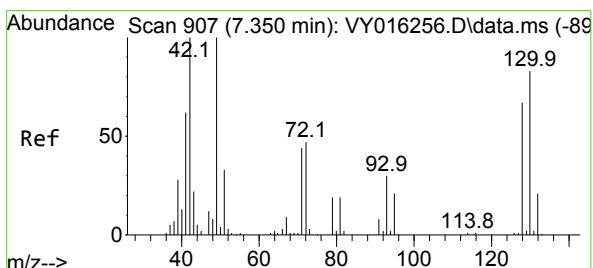
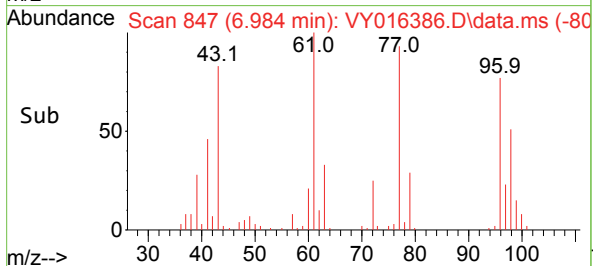
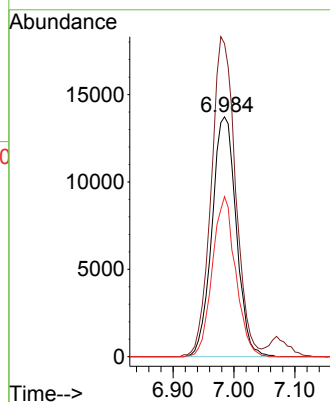
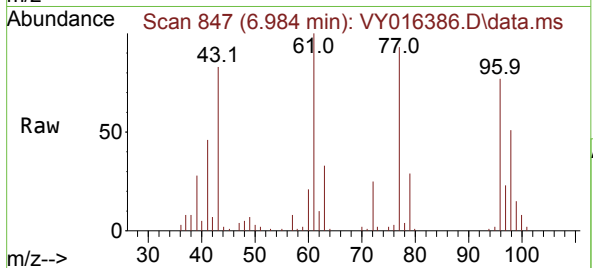
Tgt Ion: 96 Resp: 38041

Ion Ratio Lower Upper

96 100

61 133.6 0.0 301.4

98 63.9 0.0 130.4



#28

Bromochloromethane

Concen: 19.303 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.018 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

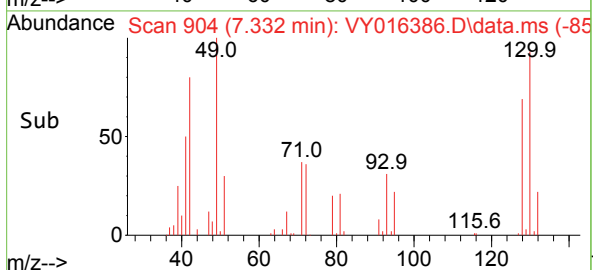
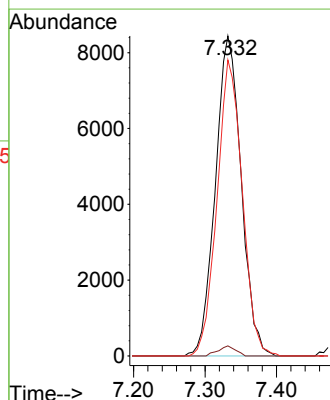
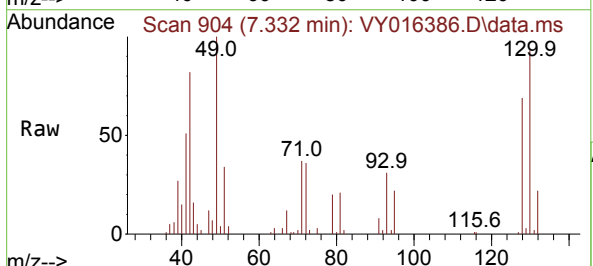
Tgt Ion: 49 Resp: 21193

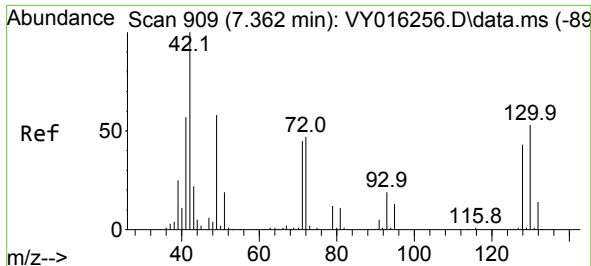
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 90.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 94.084 ug/l

RT: 7.344 min Scan# 909

Delta R.T. -0.018 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

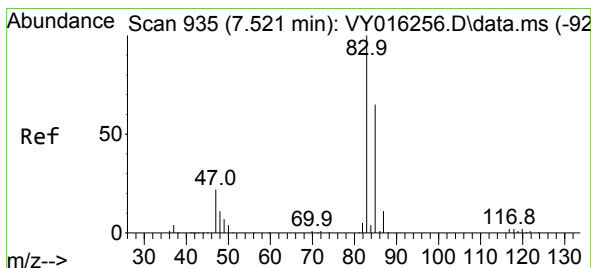
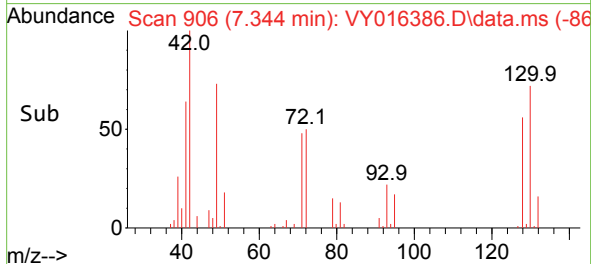
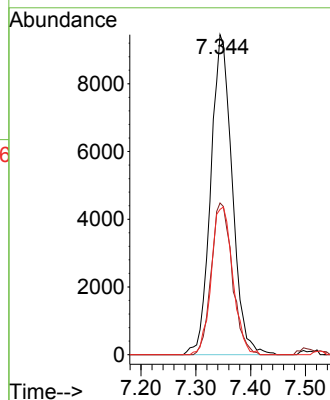
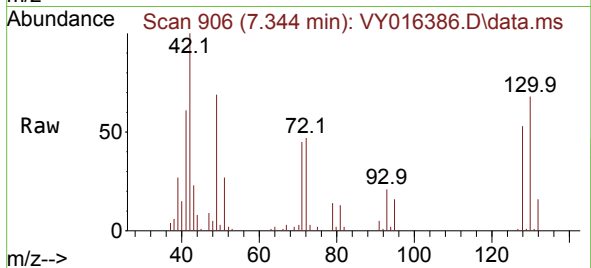
Tgt Ion: 42 Resp: 25622

Ion Ratio Lower Upper

42 100

72 46.4 32.8 49.2

71 46.3 31.0 46.4



#30

Chloroform

Concen: 20.239 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.018 min

Lab File: VY016386.D

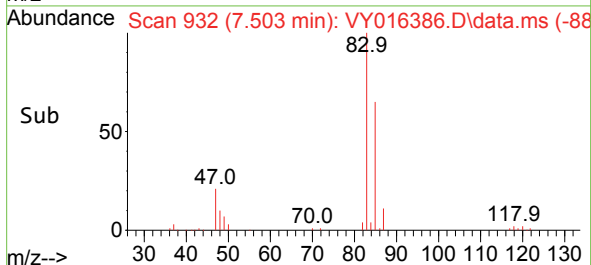
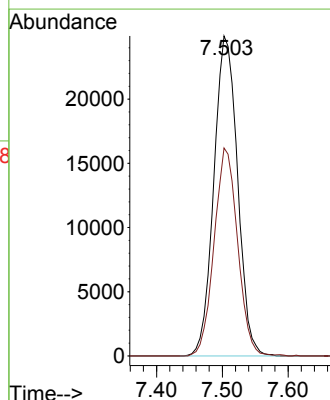
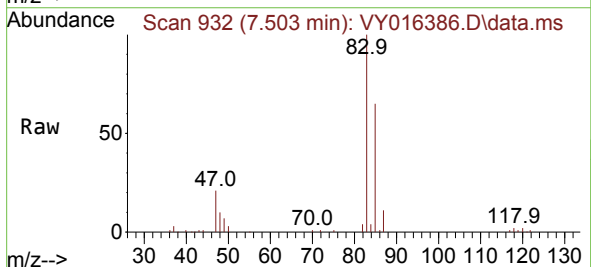
Acq: 16 Nov 2023 14:05

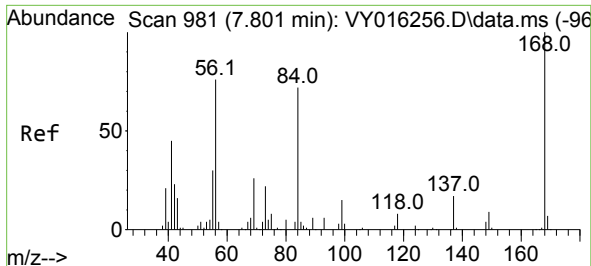
Tgt Ion: 83 Resp: 62494

Ion Ratio Lower Upper

83 100

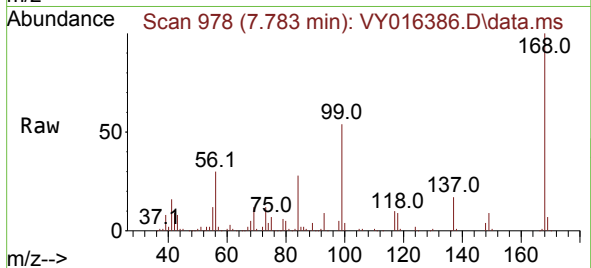
85 65.0 49.7 74.5



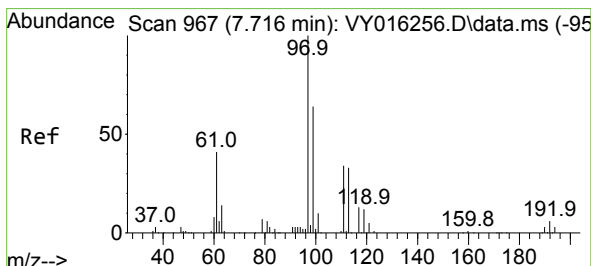
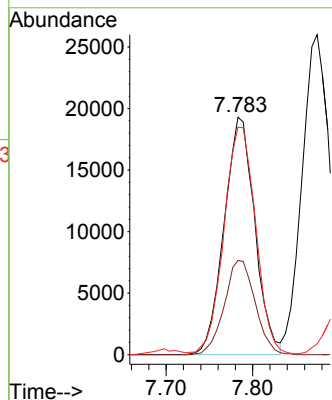
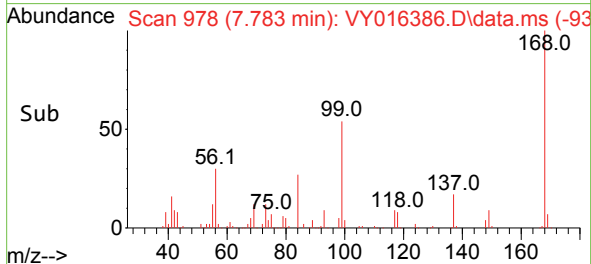


#31
Cyclohexane
Concen: 16.962 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :

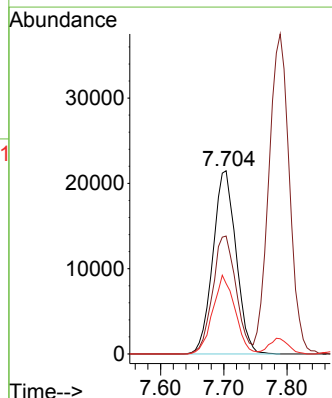
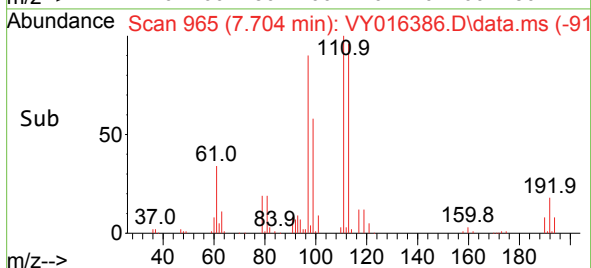
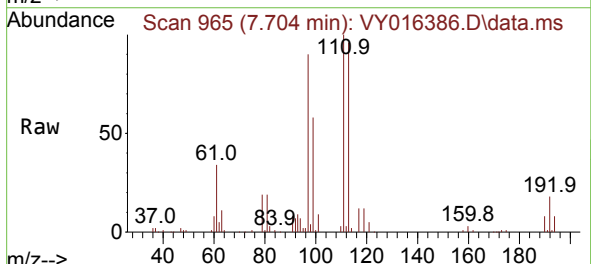


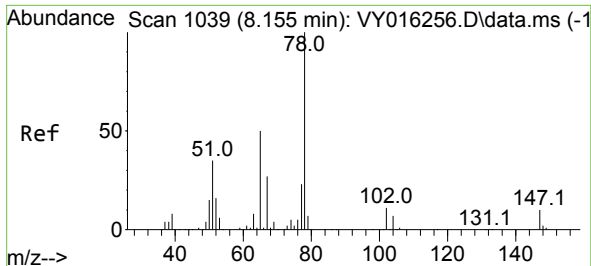
Tgt Ion: 56 Resp: 47491
Ion Ratio Lower Upper
56 100
69 39.7 27.8 41.6
84 94.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.272 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion: 97 Resp: 54551
Ion Ratio Lower Upper
97 100
99 65.6 50.8 76.2
61 41.4 35.1 52.7

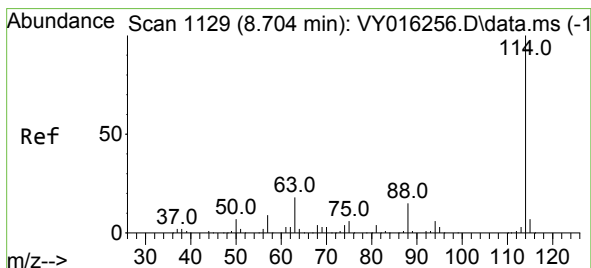
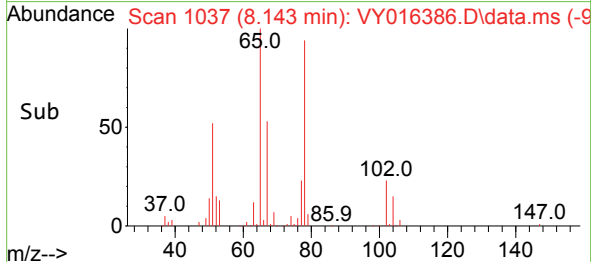
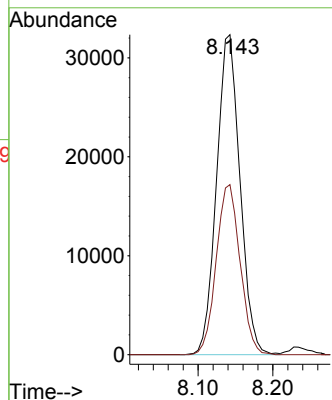
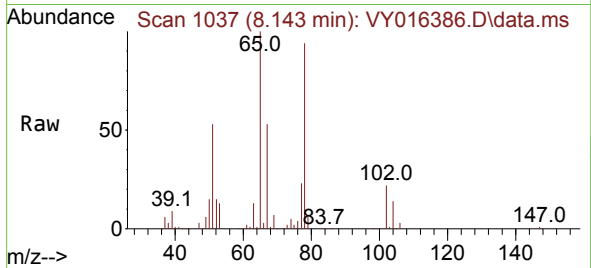




#33
 1,2-Dichloroethane-d4
 Concen: 49.673 ug/l
 RT: 8.143 min Scan# 110
 Delta R.T. -0.012 min
 Lab File: VY016386.D
 Acq: 16 Nov 2023 14:05

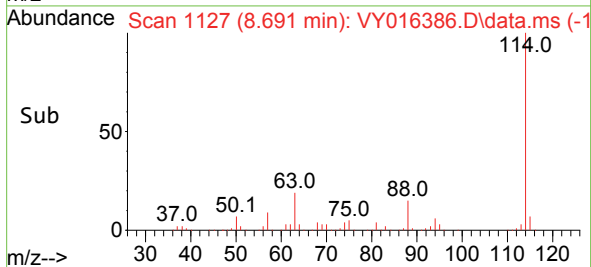
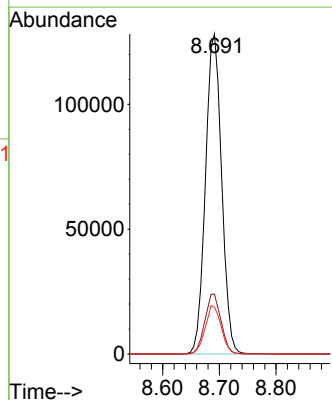
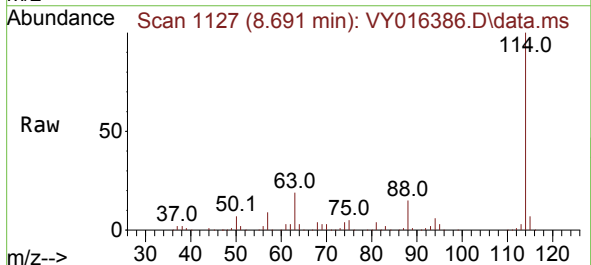
Instrument :
 MSVOA_Y
 ClientSampleId :

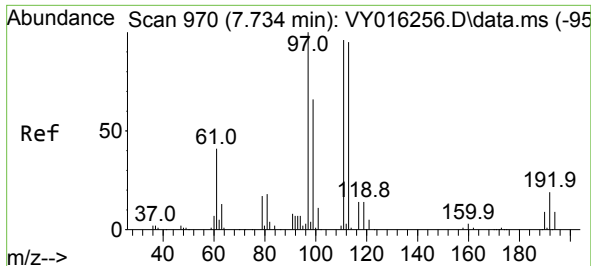
Tgt Ion: 65 Resp: 70639
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY016386.D
 Acq: 16 Nov 2023 14:05

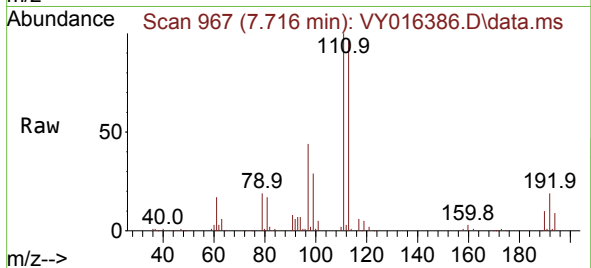
Tgt Ion:114 Resp: 254168
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.4
 88 14.7 0.0 30.6



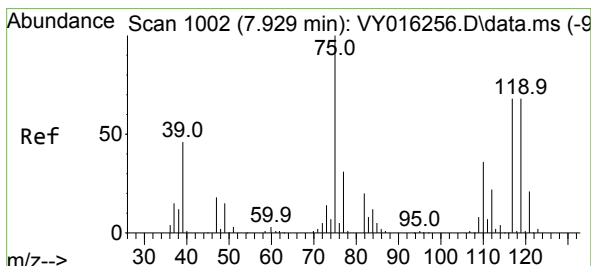
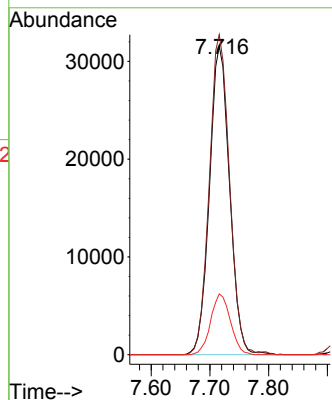
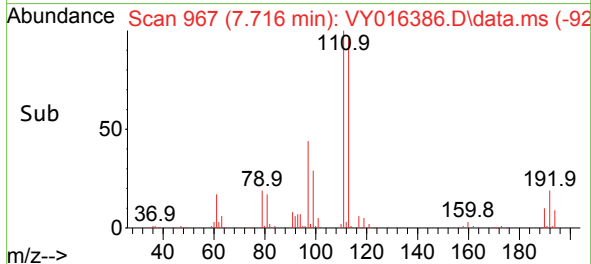


#35
Dibromofluoromethane
Concen: 51.906 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :

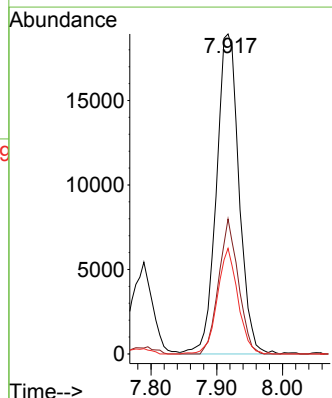
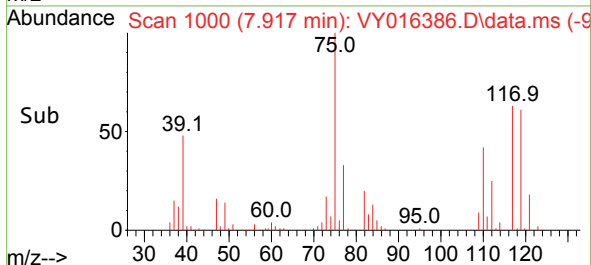
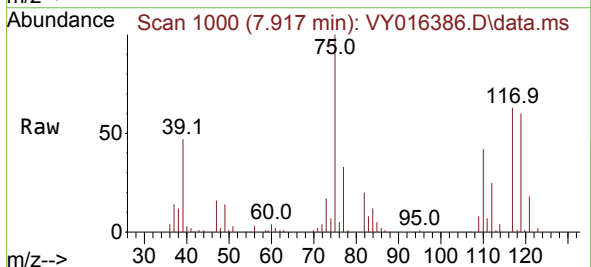


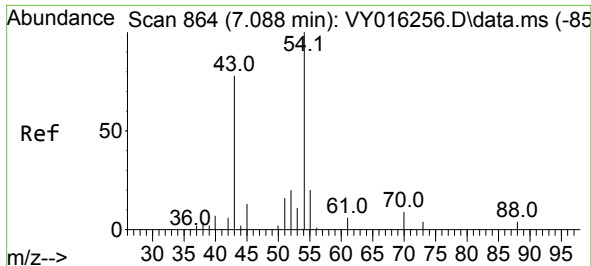
Tgt Ion:113 Resp: 74943
Ion Ratio Lower Upper
113 100
111 104.1 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.085 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion: 75 Resp: 45340
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 30.1 24.4 36.6





#37

Ethyl Acetate

Concen: 18.133 ug/l

RT: 7.070 min Scan# 81

Delta R.T. -0.018 min

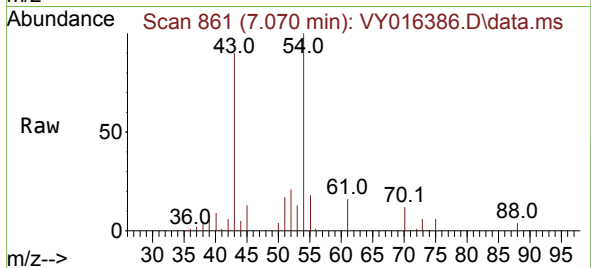
Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :



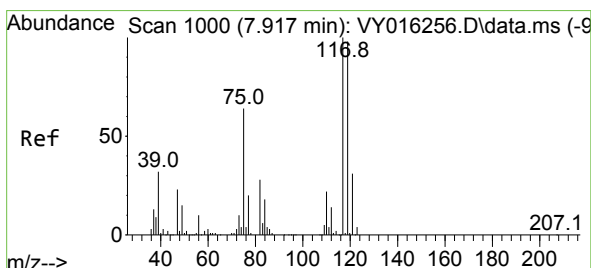
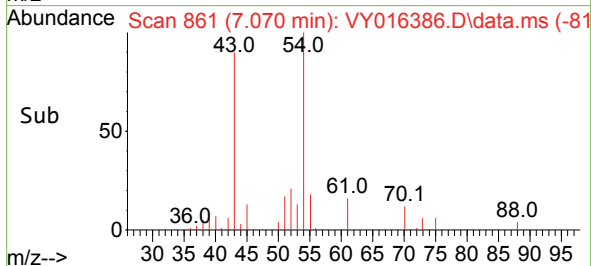
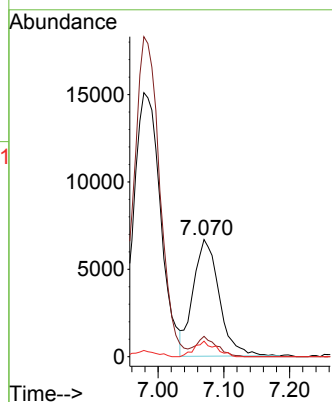
Tgt Ion: 43 Resp: 18368

Ion Ratio Lower Upper

43 100

61 13.8 10.1 15.1

70 10.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 18.826 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.018 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

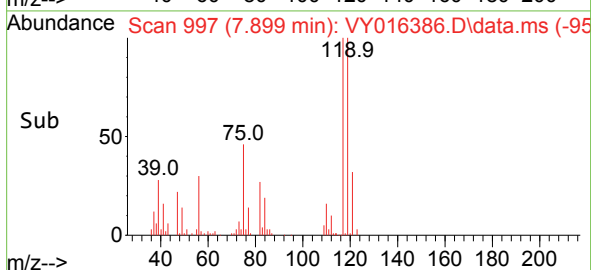
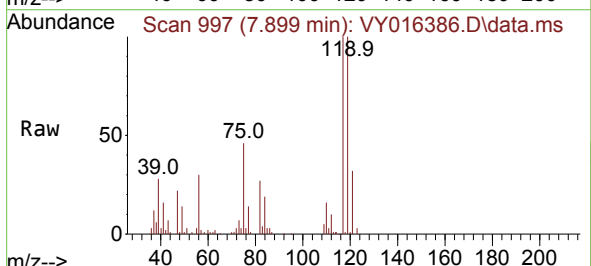
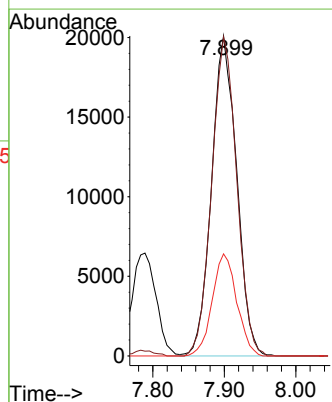
Tgt Ion:117 Resp: 48986

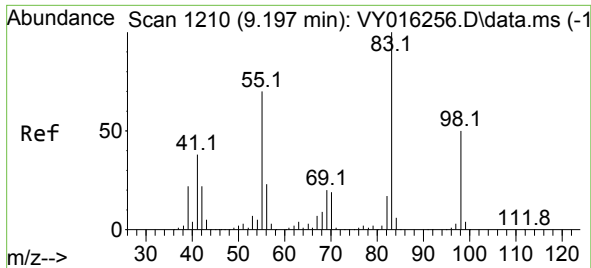
Ion Ratio Lower Upper

117 100

119 99.7 76.4 114.6

121 31.9 25.8 38.6

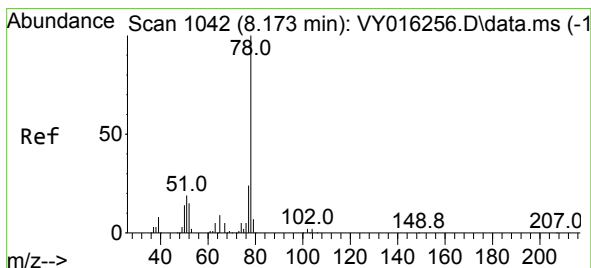
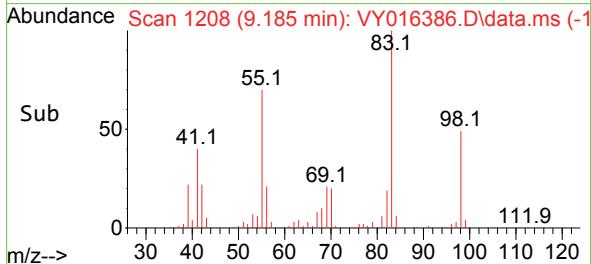
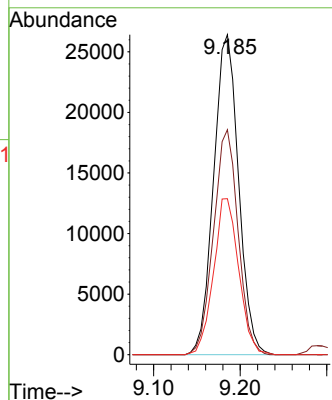
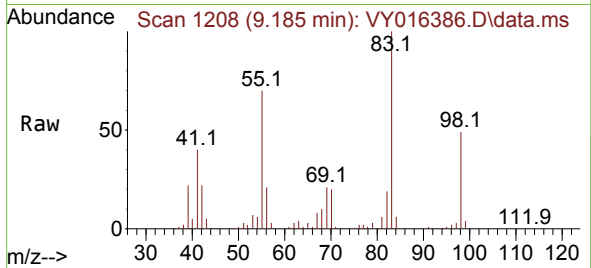




#39
Methylcyclohexane
Concen: 16.929 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

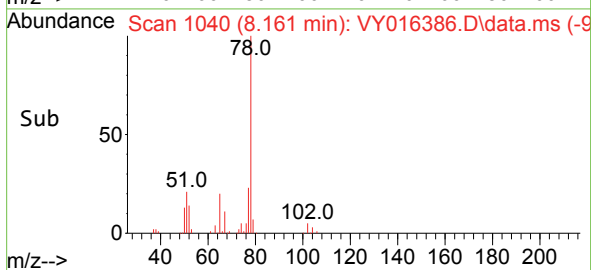
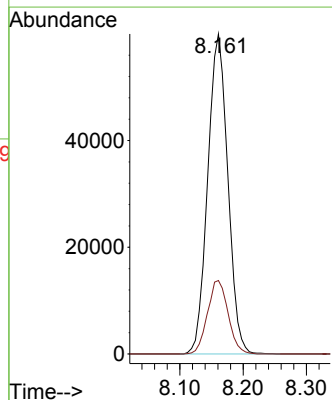
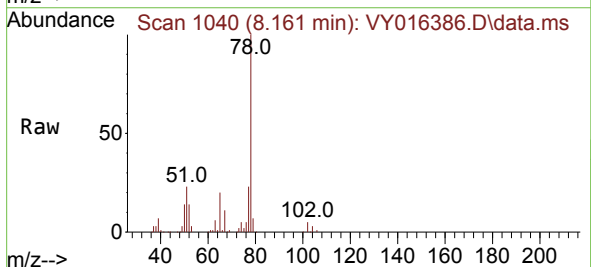
Instrument :
MSVOA_Y
ClientSampleId :

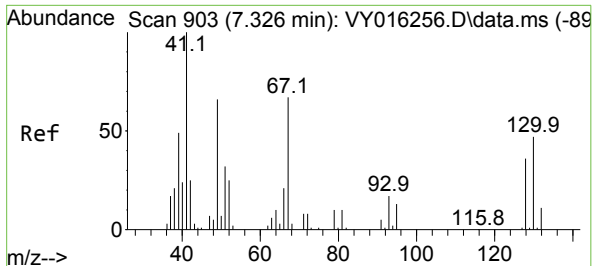
Tgt Ion: 83 Resp: 52885
Ion Ratio Lower Upper
83 100
55 70.3 63.0 94.4
98 48.8 37.4 56.2



#40
Benzene
Concen: 18.779 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

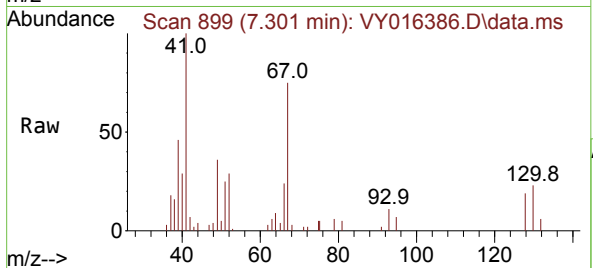
Tgt Ion: 78 Resp: 132275
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6



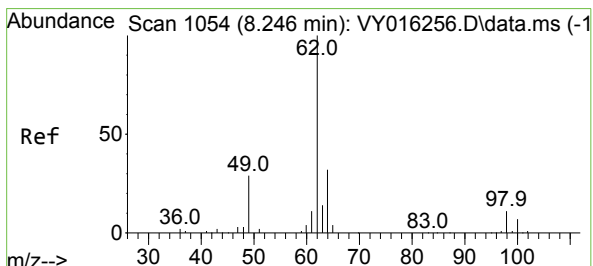
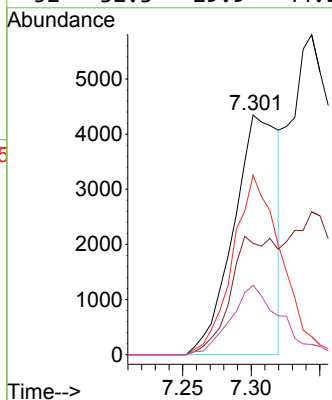
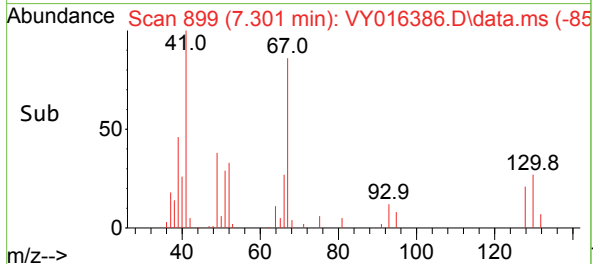


#41
Methacrylonitrile
Concen: 19.224 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.024 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :

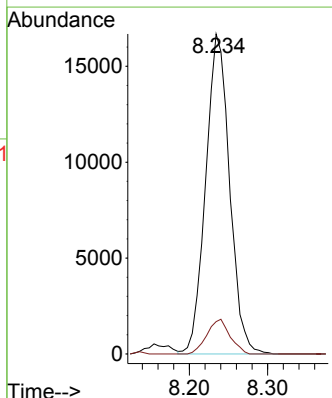
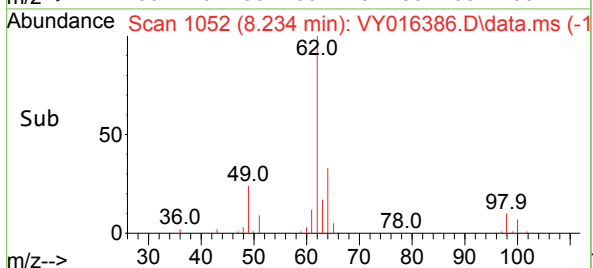
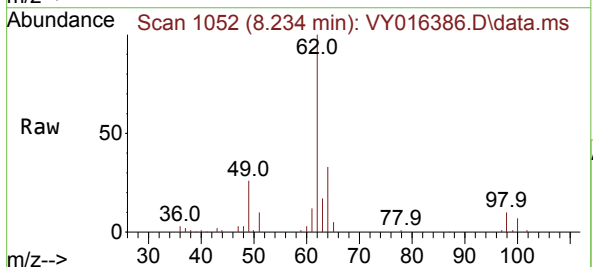


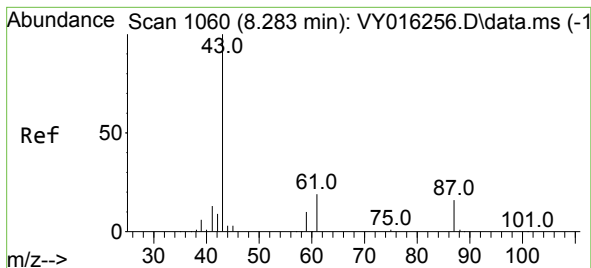
Tgt Ion:	41	Resp:	9819
Ion	Ratio	Lower	Upper
41	100		
39	36.1	52.1	78.1#
67	82.5	66.2	99.2
52	32.3	29.9	44.9



#42
1,2-Dichloroethane
Concen: 19.398 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion:	62	Resp:	35402
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	15.8





#43

Isopropyl Acetate

Concen: 17.894 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. -0.012 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

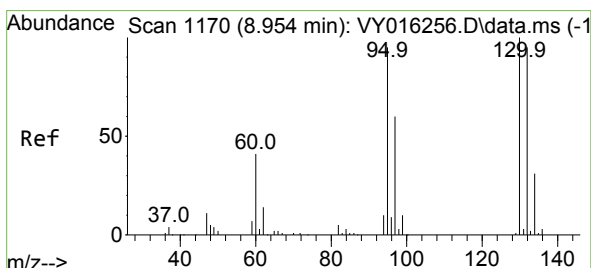
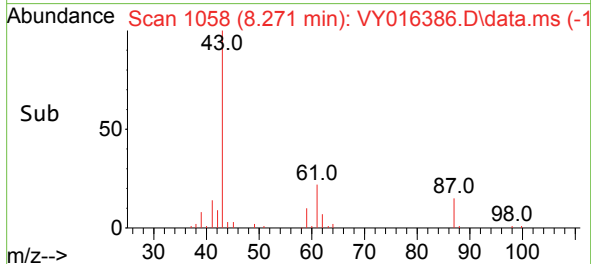
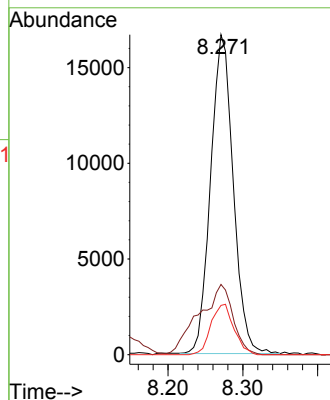
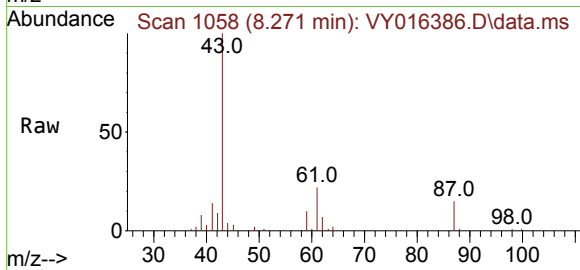
Tgt Ion: 43 Resp: 35039

Ion Ratio Lower Upper

43 100

61 33.0 21.1 31.7#

87 16.0 9.8 14.8#



#44

Trichloroethene

Concen: 18.948 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. -0.012 min

Lab File: VY016386.D

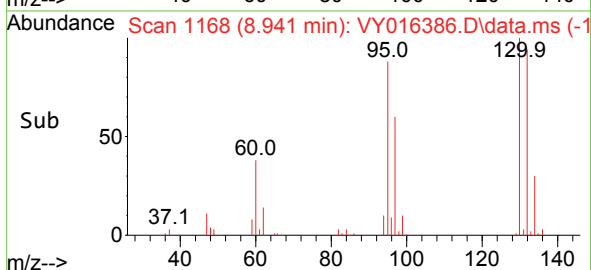
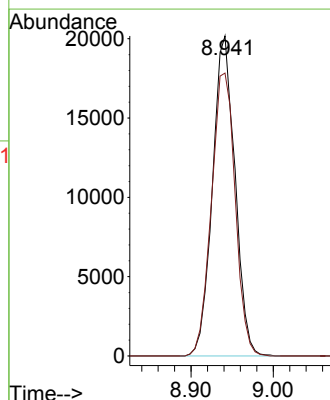
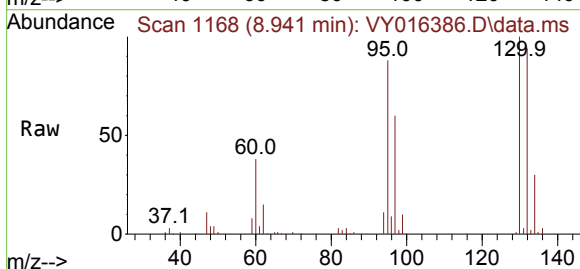
Acq: 16 Nov 2023 14:05

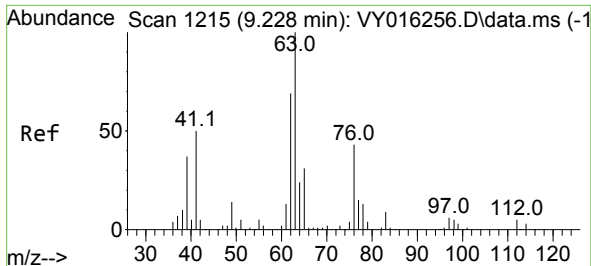
Tgt Ion:130 Resp: 38357

Ion Ratio Lower Upper

130 100

95 88.4 0.0 196.0

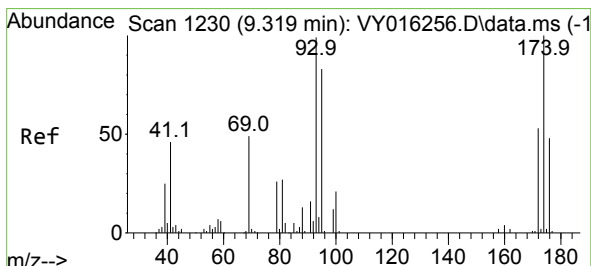
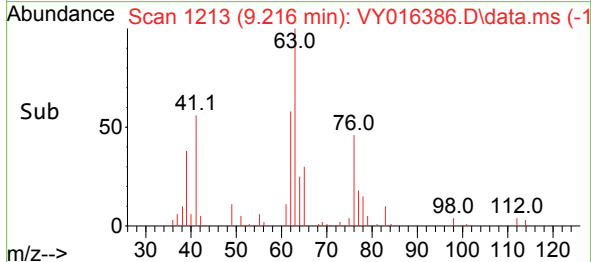
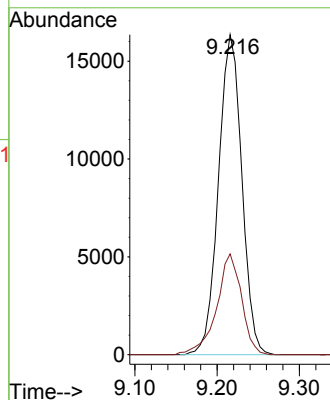
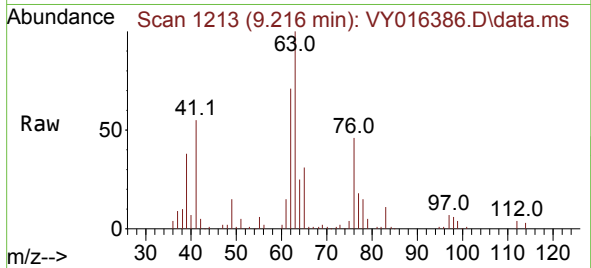




#45
1,2-Dichloropropane
Concen: 19.109 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

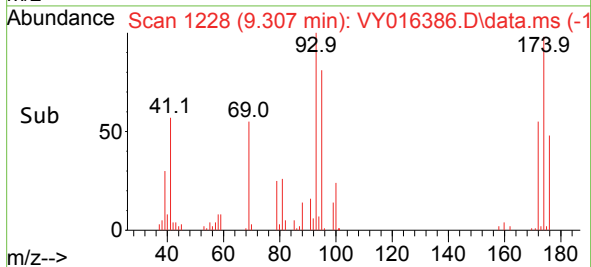
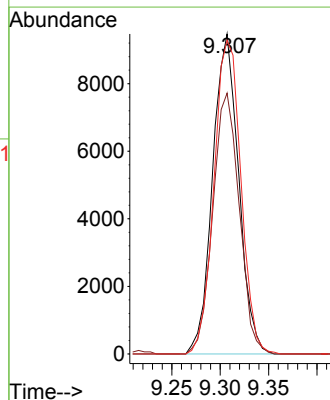
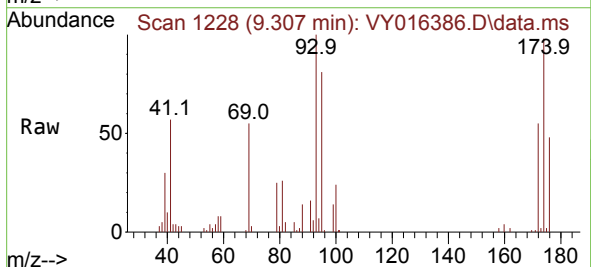
Instrument :
MSVOA_Y
ClientSampleId :

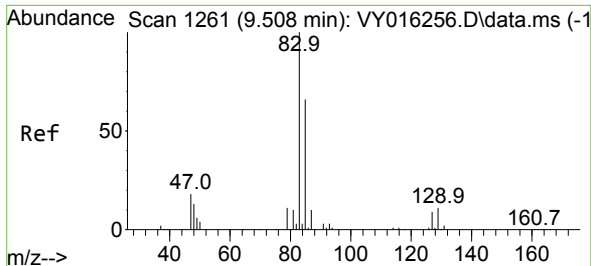
Tgt Ion: 63 Resp: 32326
Ion Ratio Lower Upper
63 100
65 31.5 23.8 35.6



#46
Dibromomethane
Concen: 19.282 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

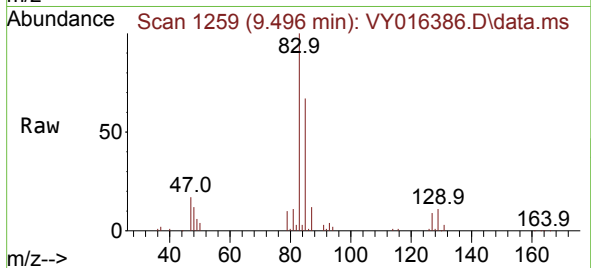
Tgt Ion: 93 Resp: 17676
Ion Ratio Lower Upper
93 100
95 83.1 66.6 100.0
174 101.7 84.8 127.2



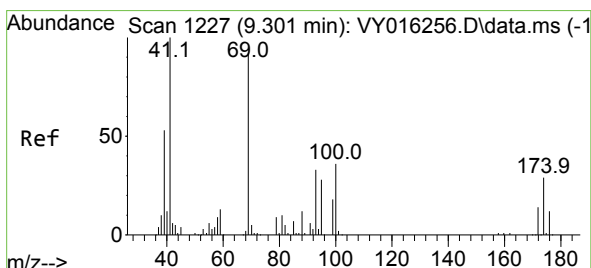
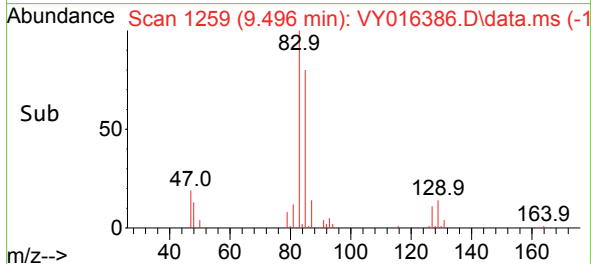
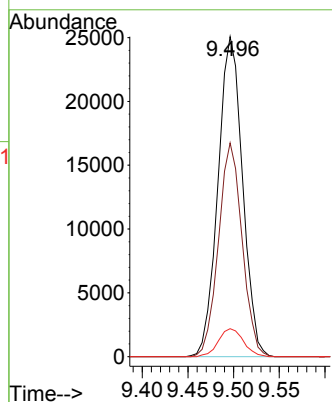


#47
Bromodichloromethane
Concen: 19.885 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :

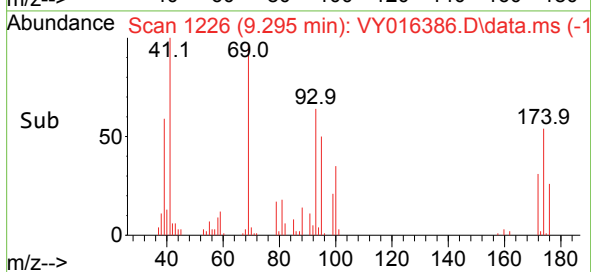
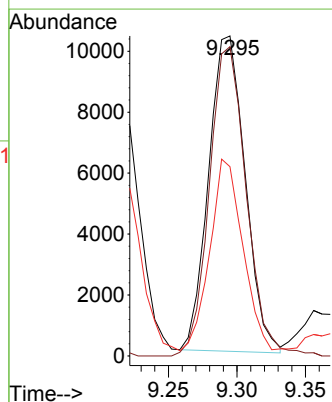
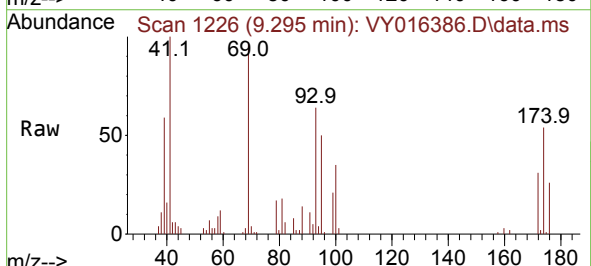


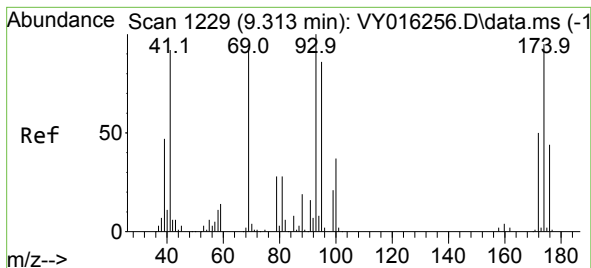
Tgt Ion: 83 Resp: 46864
Ion Ratio Lower Upper
83 100
85 66.8 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 17.702 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion: 41 Resp: 19157
Ion Ratio Lower Upper
41 100
69 99.3 64.5 96.7#
39 56.0 50.8 76.2





#49

1,4-Dioxane

Concen: 378.852 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.018 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

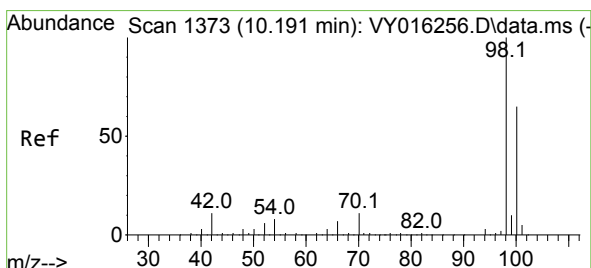
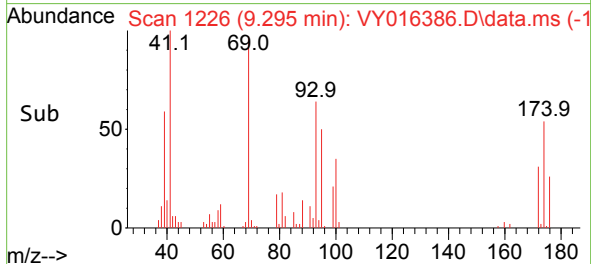
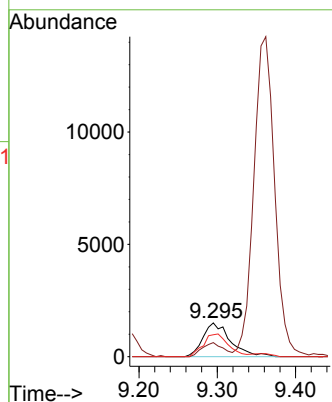
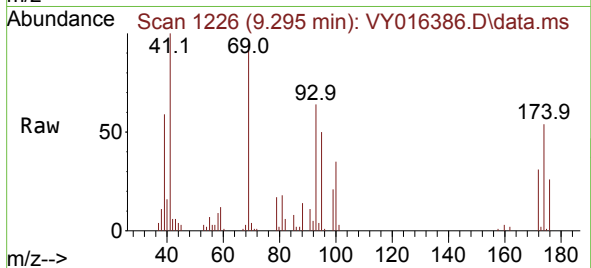
Tgt Ion: 88 Resp: 3687

Ion Ratio Lower Upper

88 100

43 32.5 0.0 0.0#

58 61.4 30.9 46.3#



#50

Toluene-d8

Concen: 49.556 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.012 min

Lab File: VY016386.D

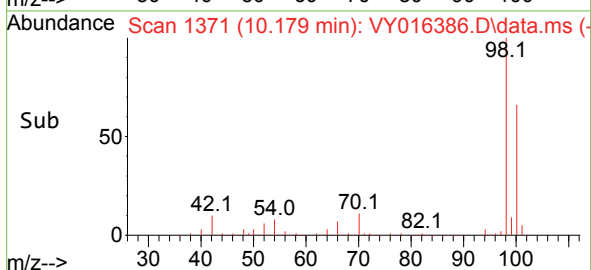
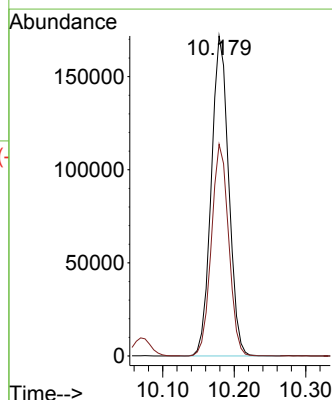
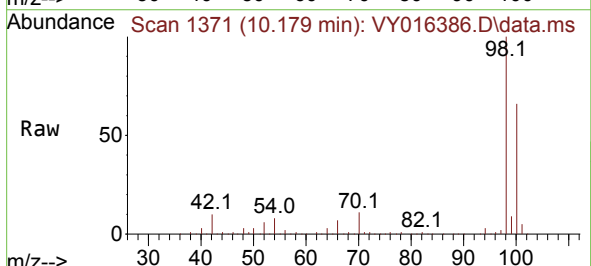
Acq: 16 Nov 2023 14:05

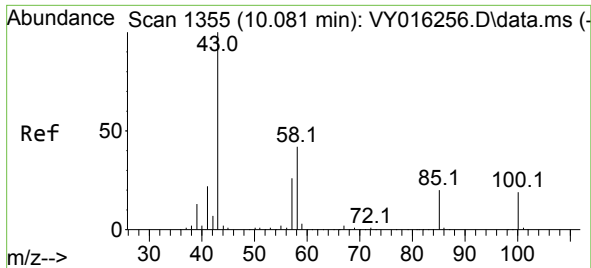
Tgt Ion: 98 Resp: 290150

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

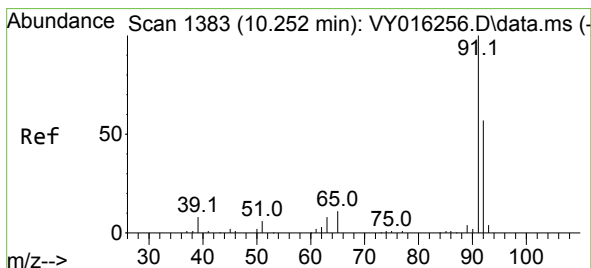
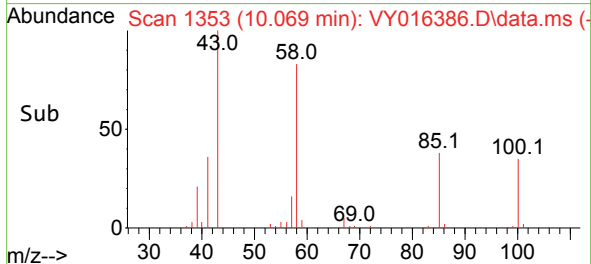
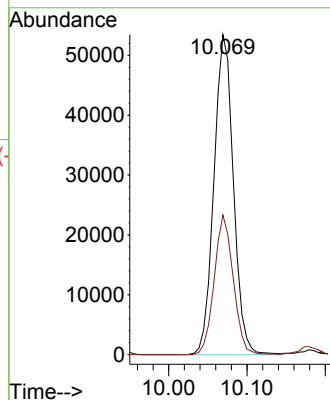
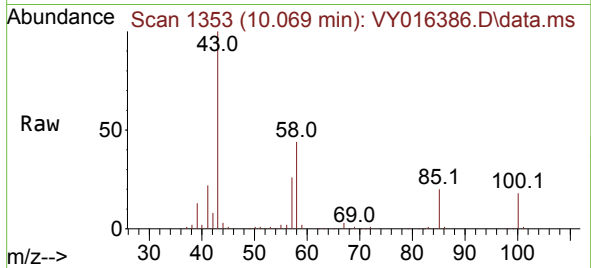




#51
4-Methyl-2-Pentanone
Concen: 93.357 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

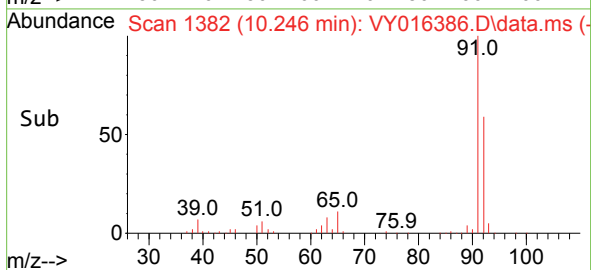
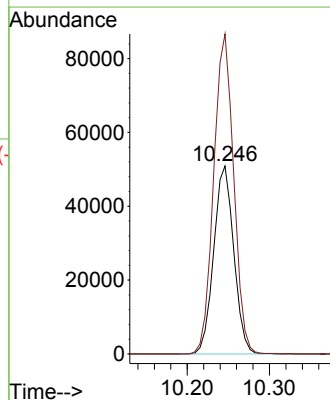
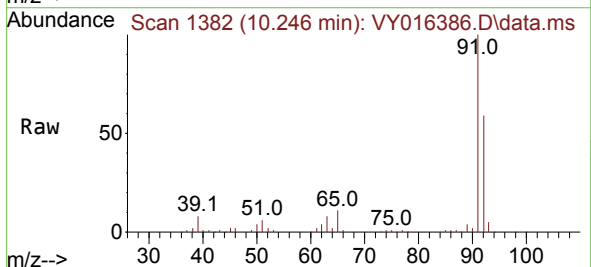
Instrument :
MSVOA_Y
ClientSampleId :

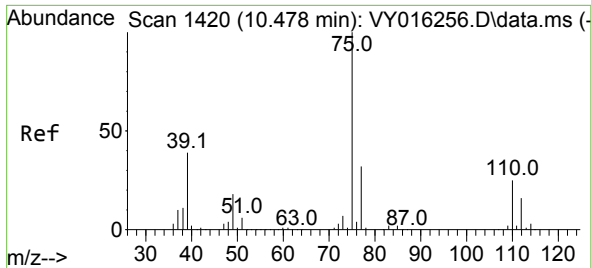
Tgt Ion: 43 Resp: 92438
Ion Ratio Lower Upper
43 100
58 42.7 29.0 43.6



#52
Toluene
Concen: 19.366 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion: 92 Resp: 86228
Ion Ratio Lower Upper
92 100
91 169.9 143.8 215.6

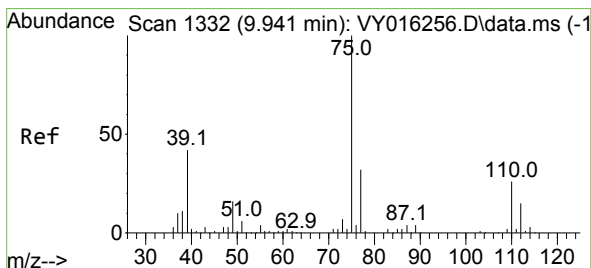
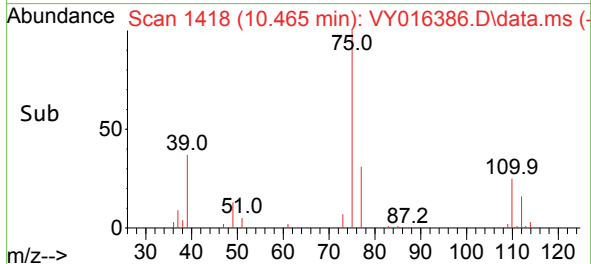
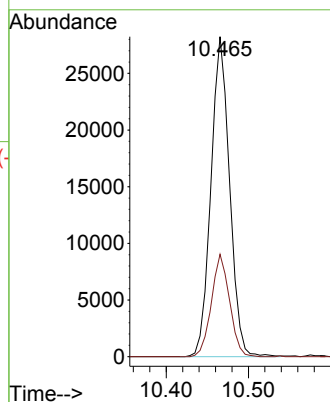
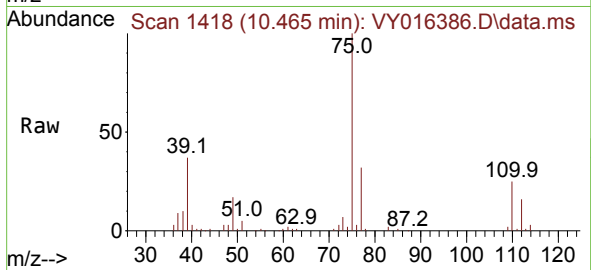




#53
 t-1,3-Dichloropropene
 Concen: 19.483 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.012 min
 Lab File: VY016386.D
 Acq: 16 Nov 2023 14:05

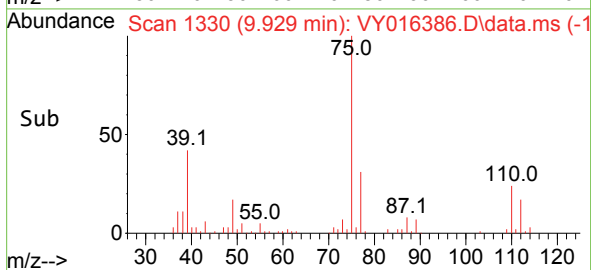
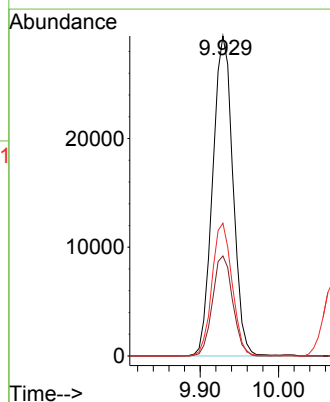
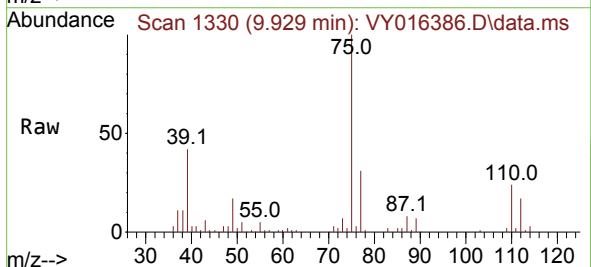
Instrument :
 MSVOA_Y
 ClientSampleId :

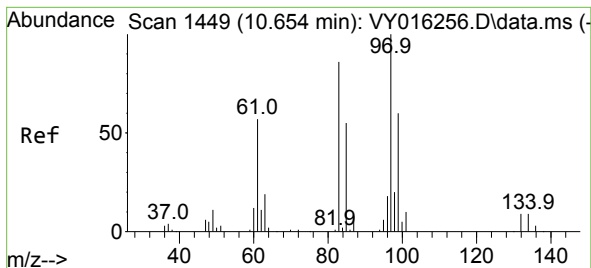
Tgt Ion: 75 Resp: 44513
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.366 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.012 min
 Lab File: VY016386.D
 Acq: 16 Nov 2023 14:05

Tgt Ion: 75 Resp: 52846
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.2 36.4
 39 41.5 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 19.752 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.012 min

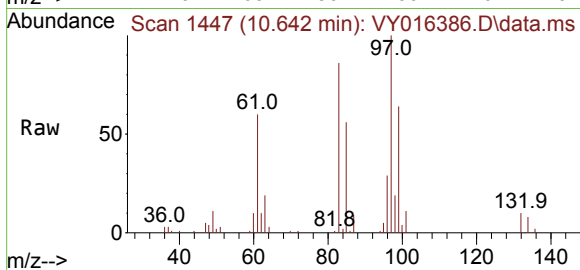
Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 24956

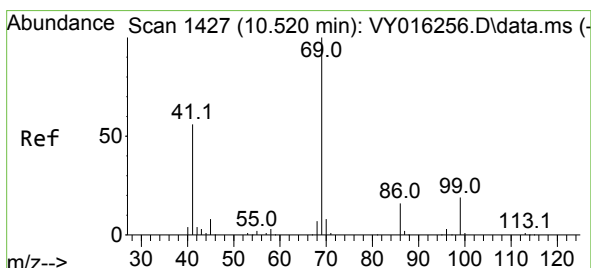
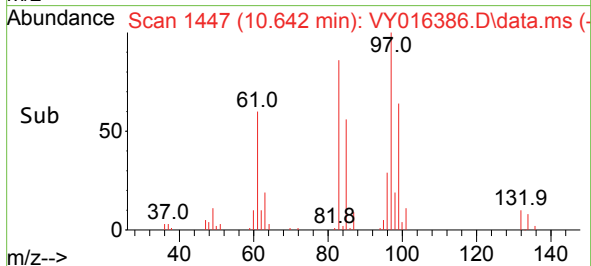
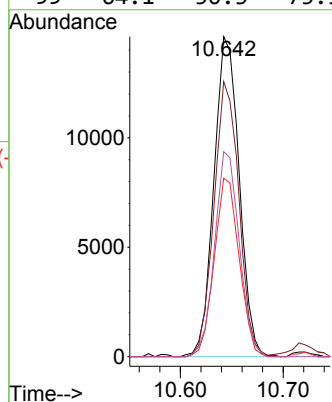
Ion Ratio Lower Upper

97 100

83 85.9 72.0 108.0

85 55.7 45.4 68.0

99 64.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.743 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.012 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

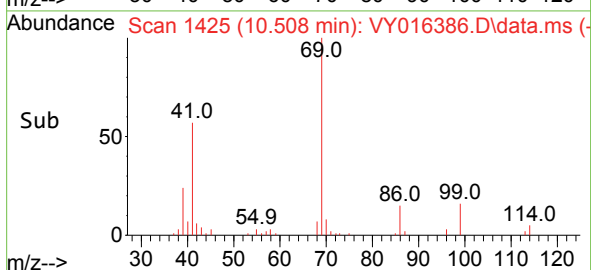
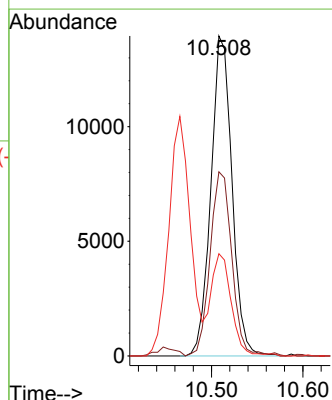
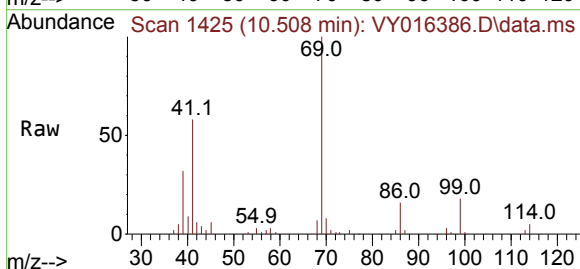
Tgt Ion: 69 Resp: 22355

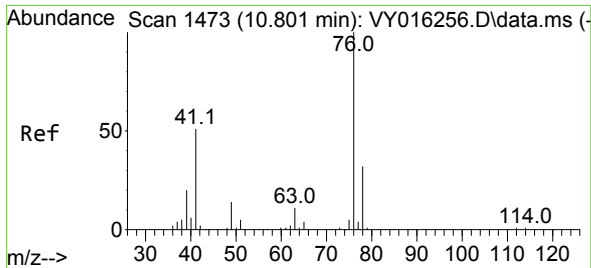
Ion Ratio Lower Upper

69 100

41 59.5 57.6 86.4

39 31.3 34.1 51.1#

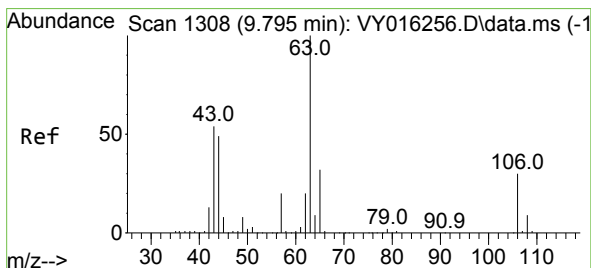
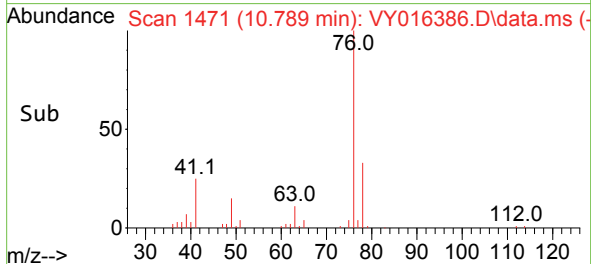
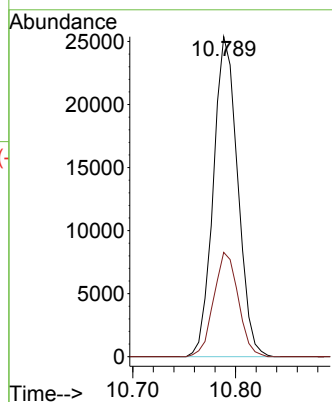
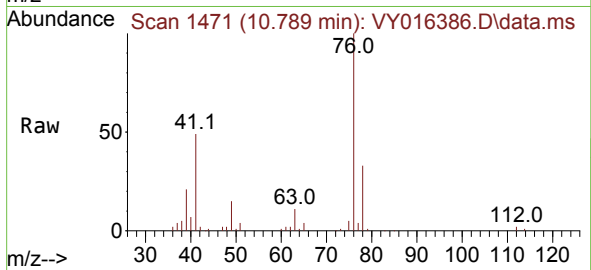




#57
1,3-Dichloropropane
Concen: 19.377 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

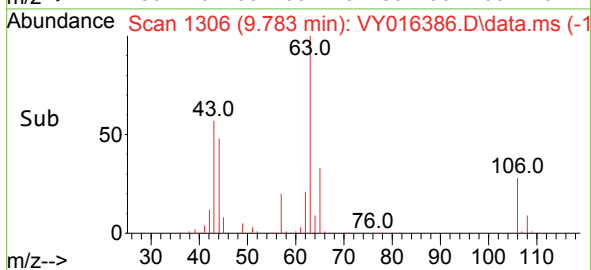
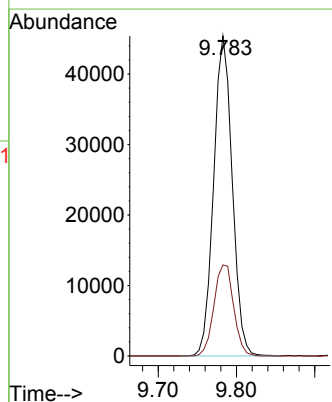
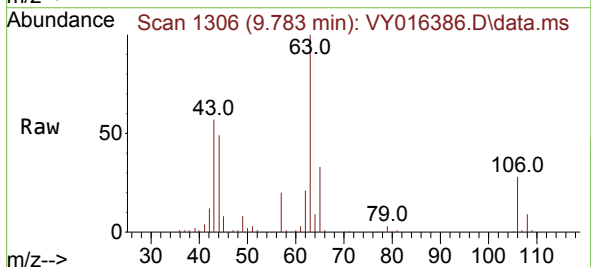
Instrument :
MSVOA_Y
ClientSampleId :

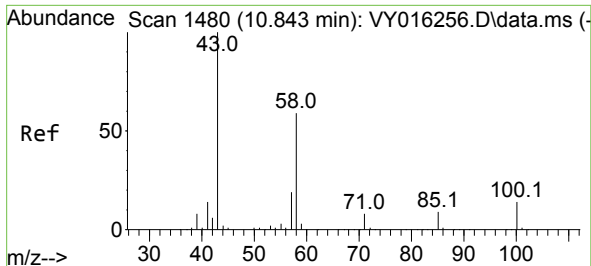
Tgt Ion: 76 Resp: 41733
Ion Ratio Lower Upper
76 100
78 32.9 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 92.562 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion: 63 Resp: 74857
Ion Ratio Lower Upper
63 100
106 30.1 21.2 31.8





#59

2-Hexanone

Concen: 97.163 ug/l

RT: 10.831 min Scan# 14

Delta R.T. -0.012 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

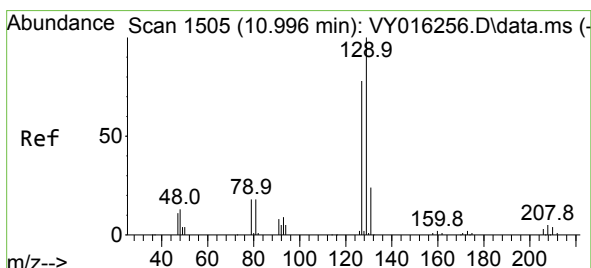
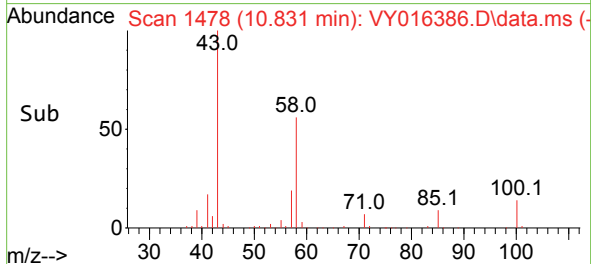
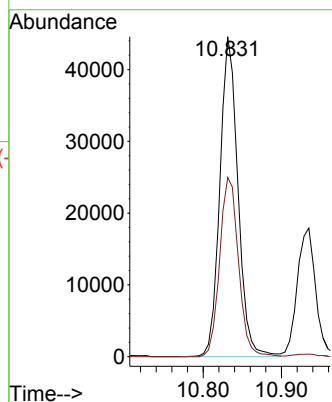
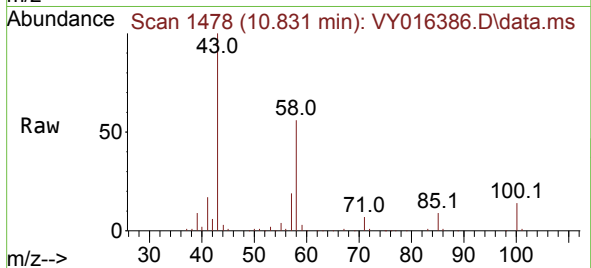
ClientSampleId :

Tgt Ion: 43 Resp: 71561

Ion Ratio Lower Upper

43 100

58 58.2 25.1 75.3



#60

Dibromochloromethane

Concen: 19.951 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. -0.012 min

Lab File: VY016386.D

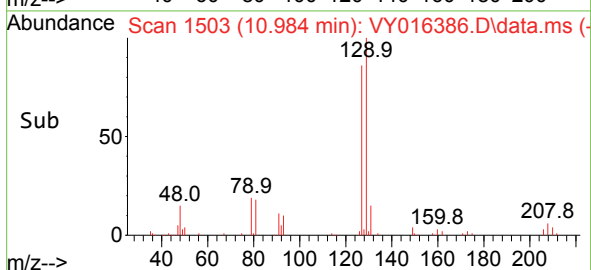
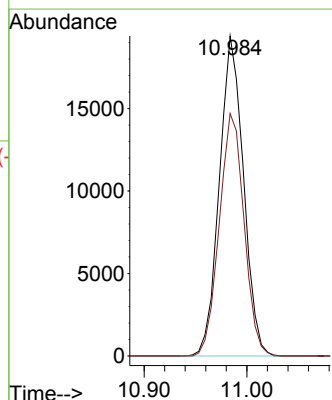
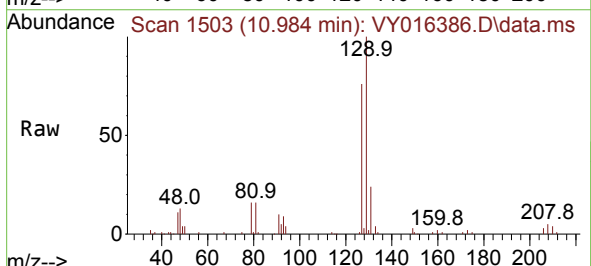
Acq: 16 Nov 2023 14:05

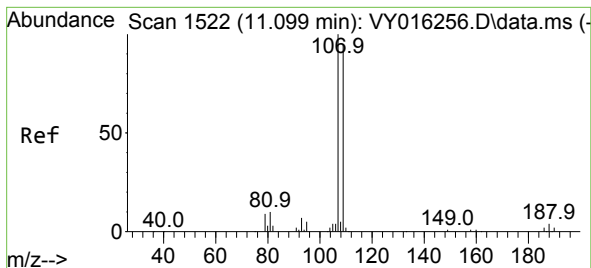
Tgt Ion: 129 Resp: 31526

Ion Ratio Lower Upper

129 100

127 77.9 38.5 115.5

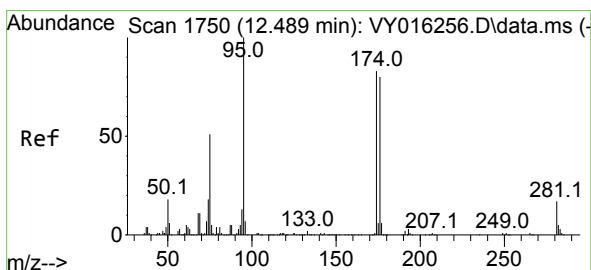
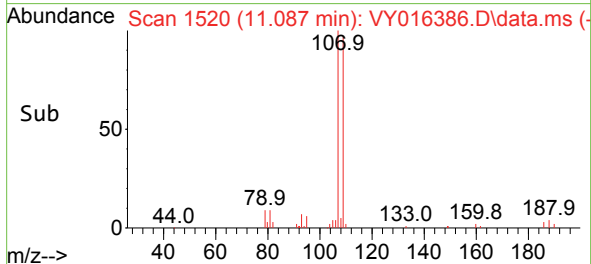
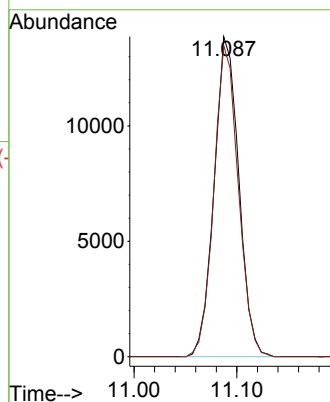
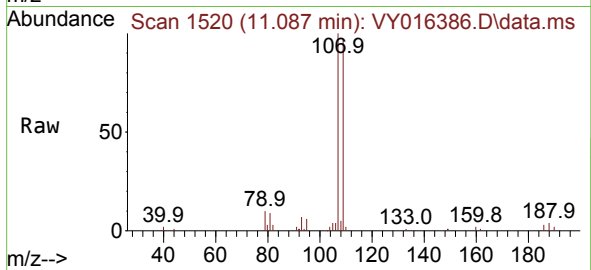




#61
1,2-Dibromoethane
Concen: 19.132 ug/l
RT: 11.087 min Scan# 1522
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

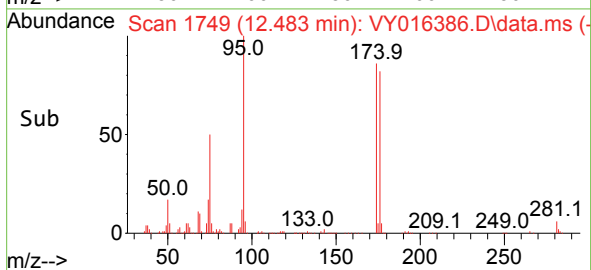
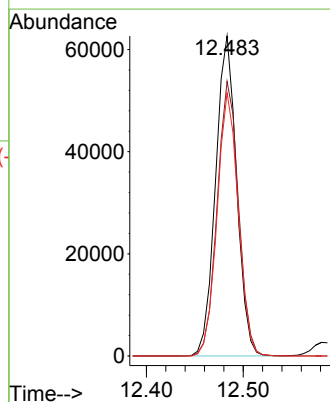
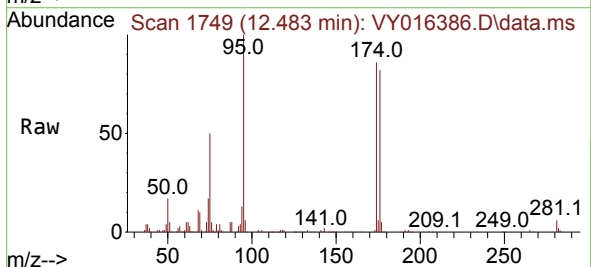
Instrument :
MSVOA_Y
ClientSampleId :

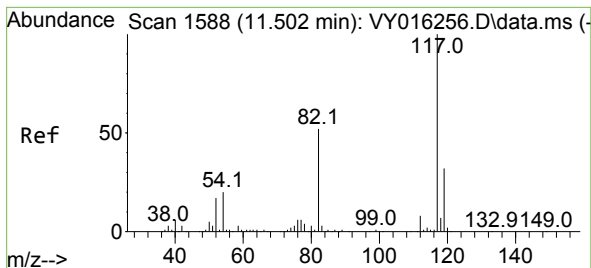
Tgt Ion:107 Resp: 23030
Ion Ratio Lower Upper
107 100
109 96.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.643 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion: 95 Resp: 94402
Ion Ratio Lower Upper
95 100
174 87.3 0.0 178.2
176 82.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.012 min

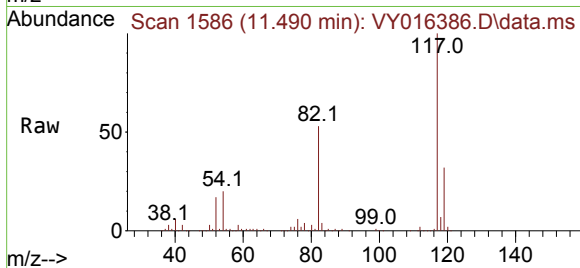
Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :



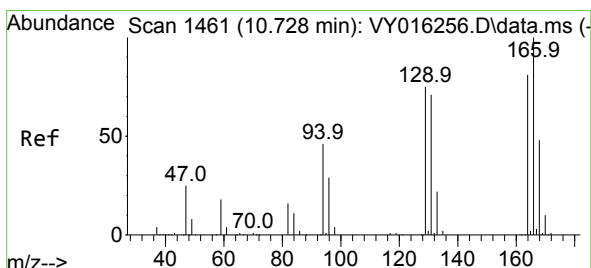
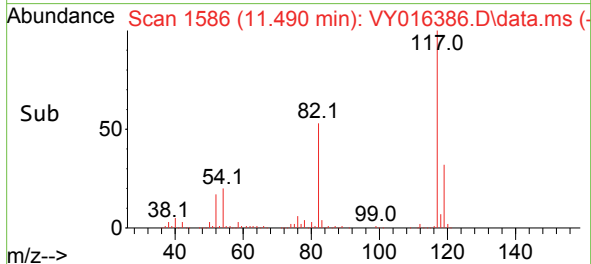
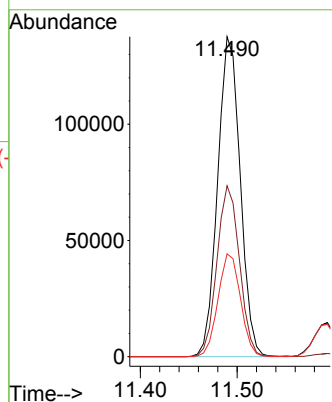
Tgt Ion:117 Resp: 222977

Ion Ratio Lower Upper

117 100

82 53.4 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 18.771 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Tgt Ion:164 Resp: 37582

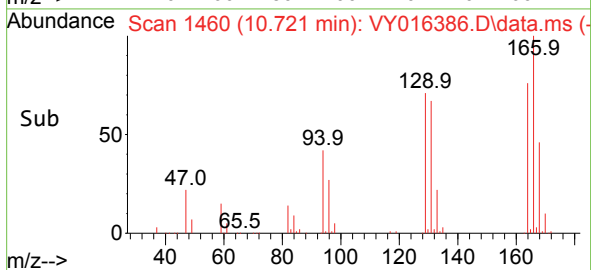
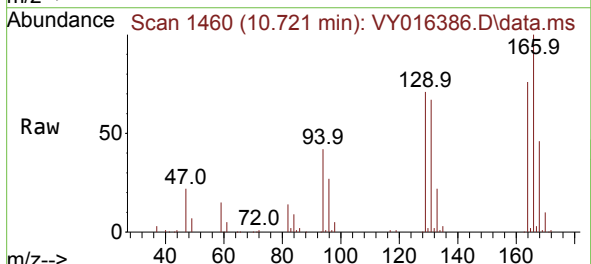
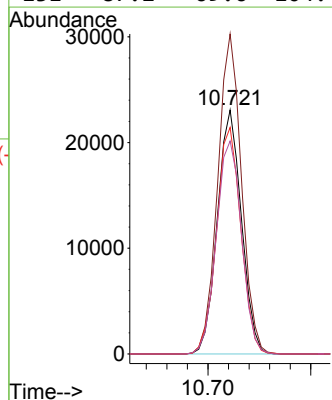
Ion Ratio Lower Upper

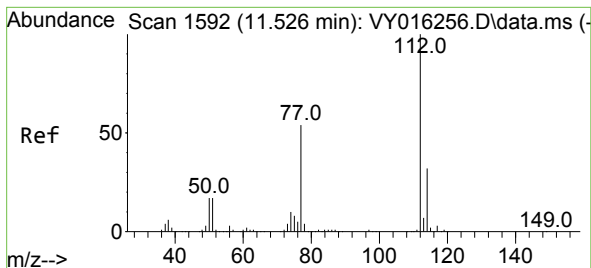
164 100

166 131.1 103.0 154.6

129 92.8 77.2 115.8

131 87.2 69.6 104.4





#65

Chlorobenzene

Concen: 19.042 ug/l

RT: 11.520 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

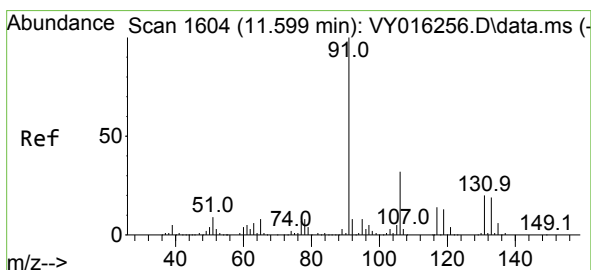
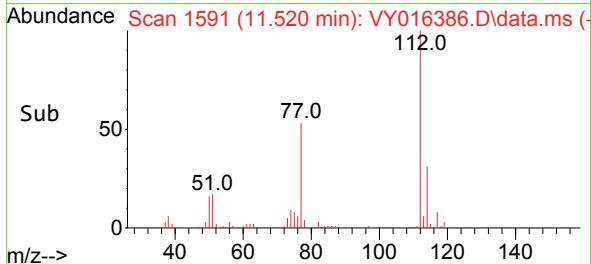
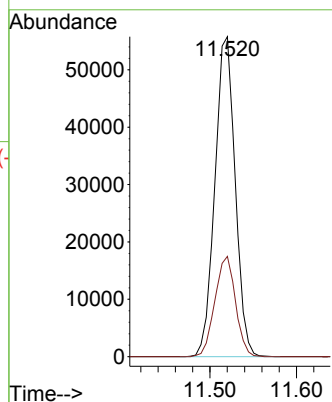
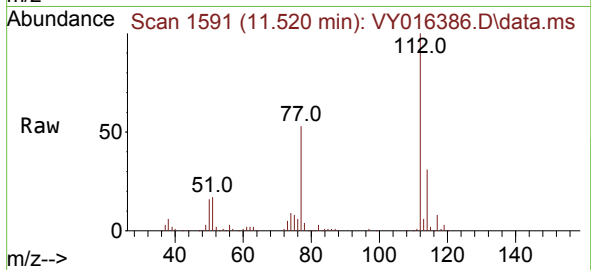
ClientSampleId :

Tgt Ion:112 Resp: 90717

Ion Ratio Lower Upper

112 100

114 31.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 19.936 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

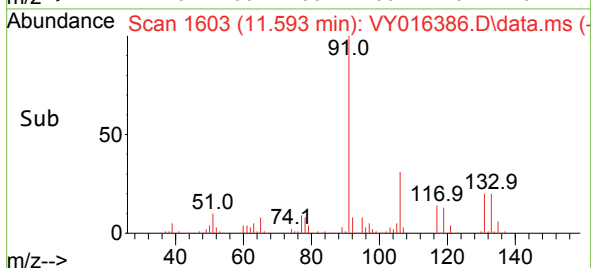
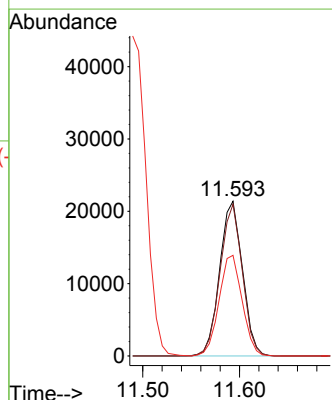
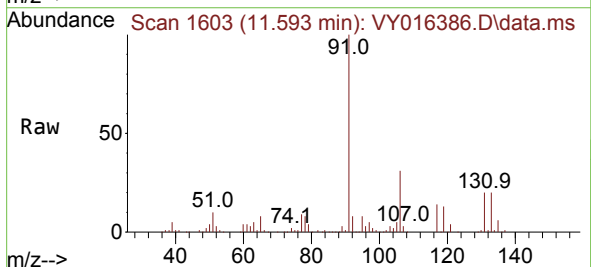
Tgt Ion:131 Resp: 35029

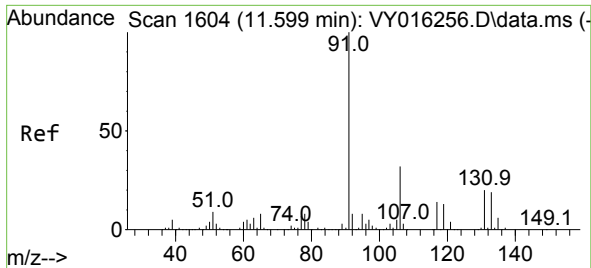
Ion Ratio Lower Upper

131 100

133 95.6 47.5 142.6

119 65.7 31.6 94.7

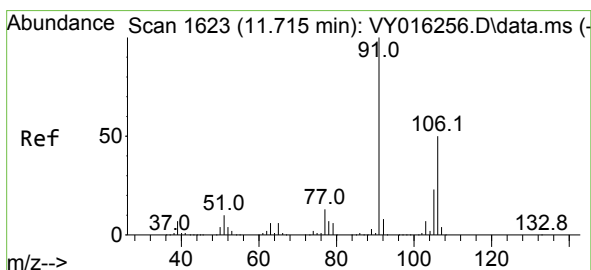
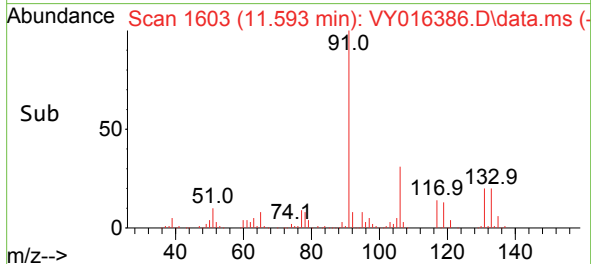
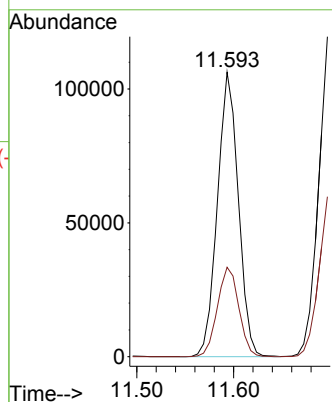
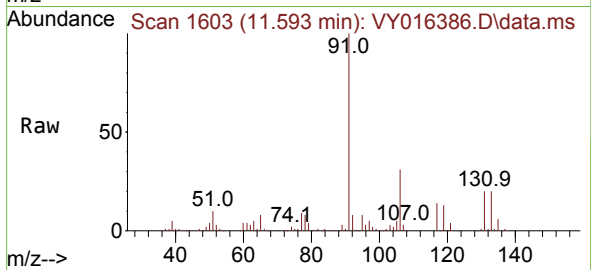




#67
Ethyl Benzene
Concen: 18.615 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

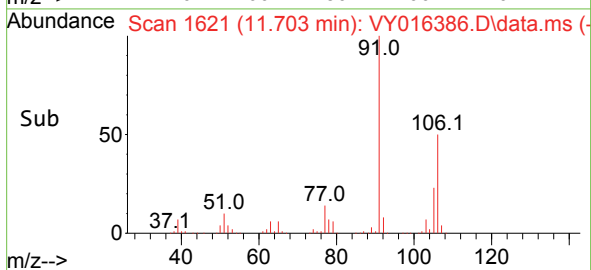
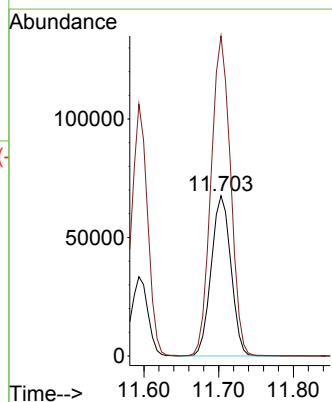
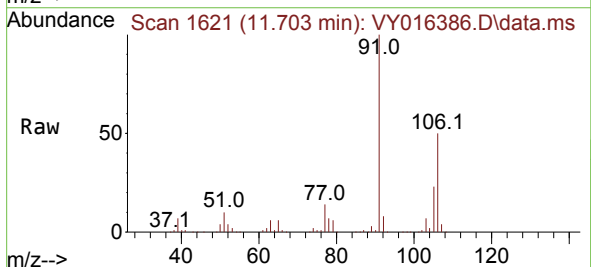
Instrument :
MSVOA_Y
ClientSampleId :

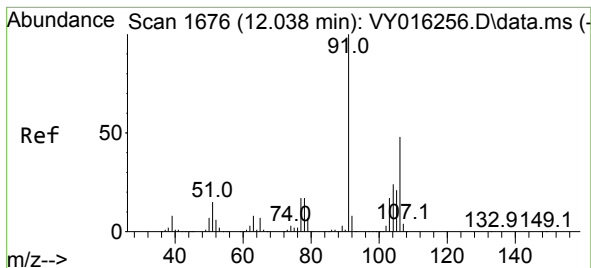
Tgt Ion: 91 Resp: 159378
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 38.017 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion:106 Resp: 123453
Ion Ratio Lower Upper
106 100
91 198.6 166.1 249.1





#69

o-Xylene

Concen: 19.055 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

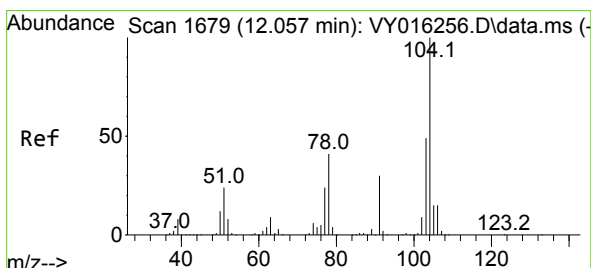
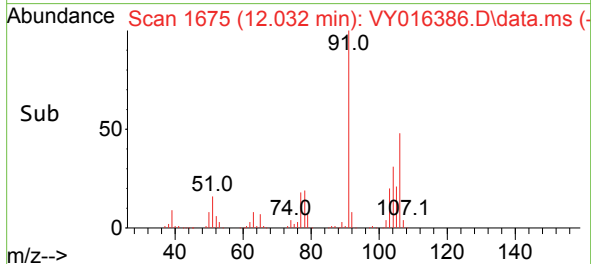
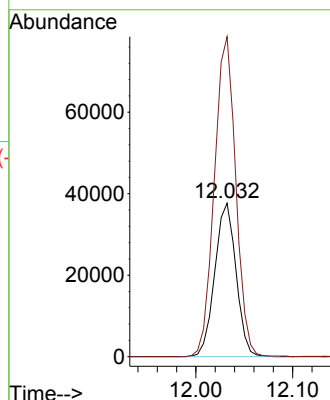
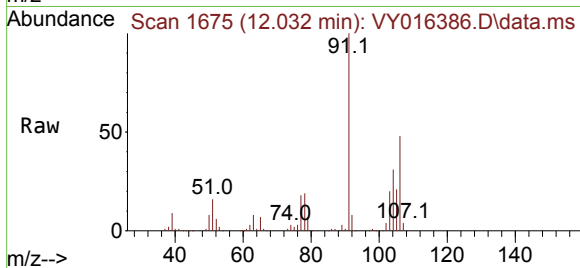
ClientSampleId :

Tgt Ion:106 Resp: 57451

Ion Ratio Lower Upper

106 100

91 210.4 108.1 324.3



#70

Styrene

Concen: 19.435 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.012 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

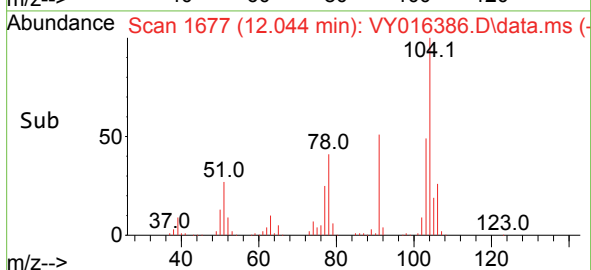
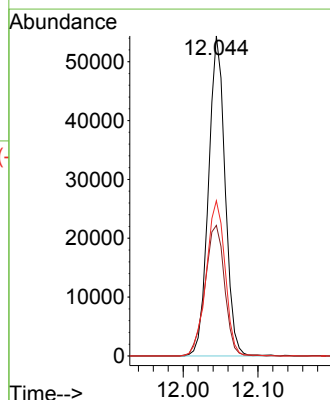
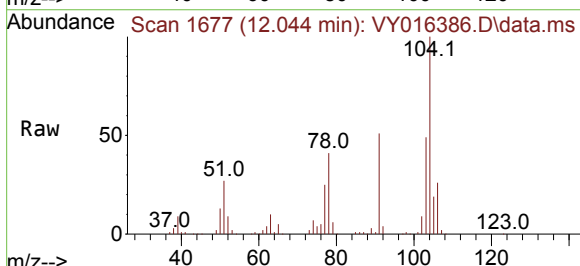
Tgt Ion:104 Resp: 83904

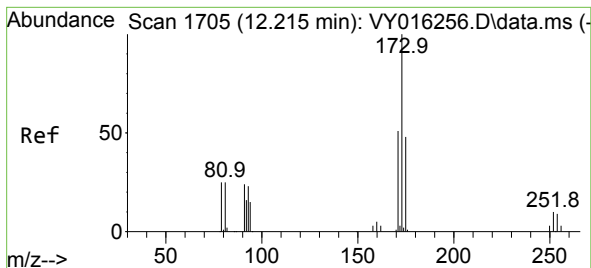
Ion Ratio Lower Upper

104 100

78 48.1 41.5 62.3

103 55.1 44.6 67.0





#71

Bromoform

Concen: 19.691 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY016386.D

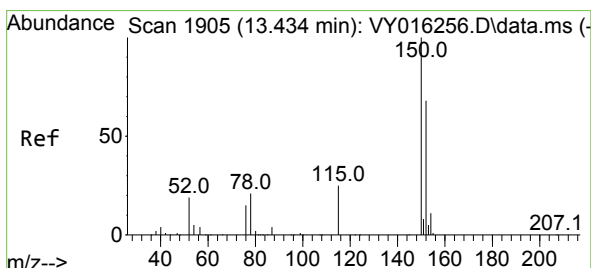
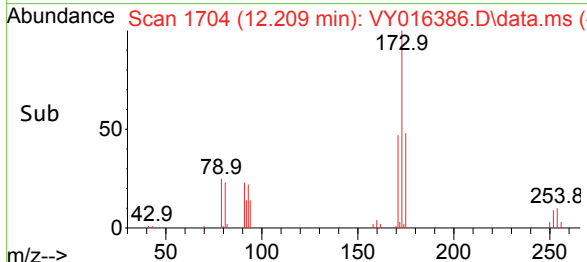
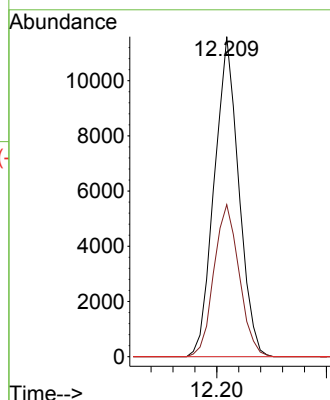
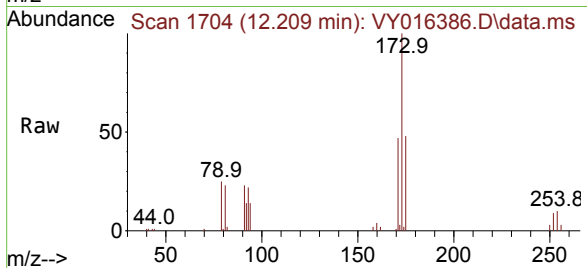
Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	17953
Ion Ratio	Lower	Upper
173	100	
175	49.1	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

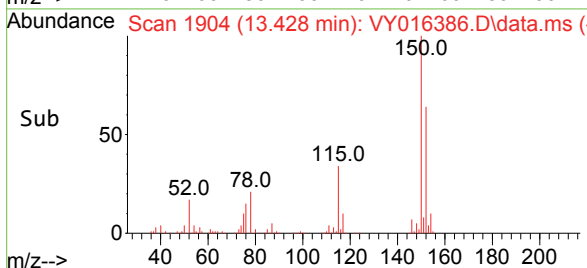
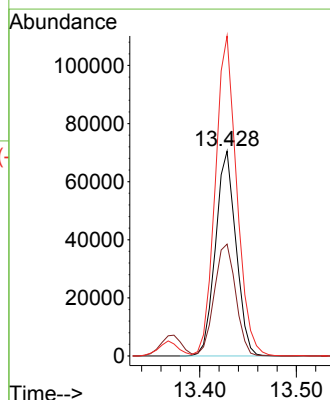
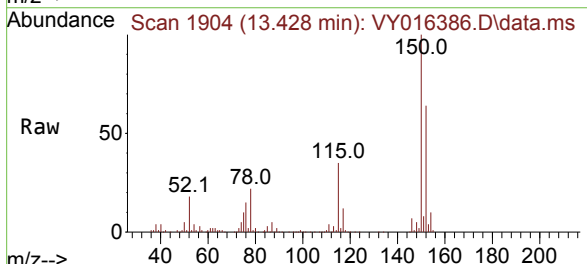
RT: 13.428 min Scan# 1904

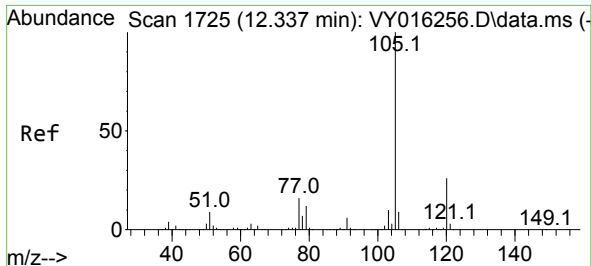
Delta R.T. -0.006 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Tgt Ion:152	Resp:	103551
Ion Ratio	Lower	Upper
152	100	
115	57.4	28.8 86.5
150	163.4	0.0 348.8

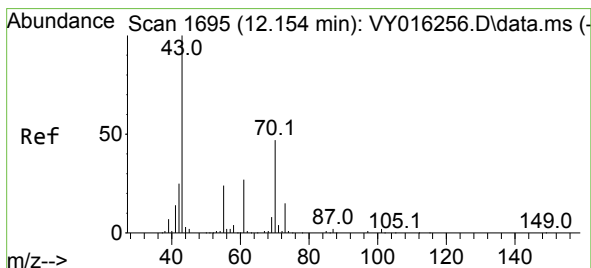
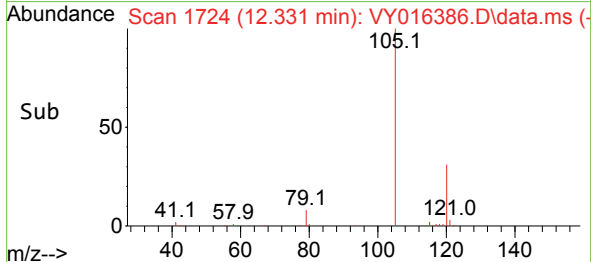
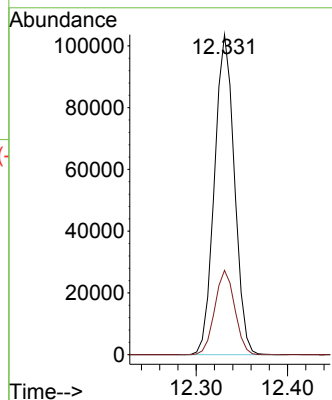
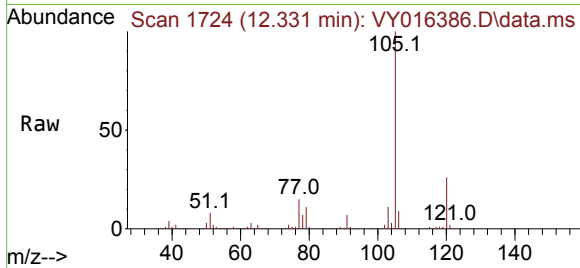




#73
Isopropylbenzene
Concen: 18.755 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.006 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

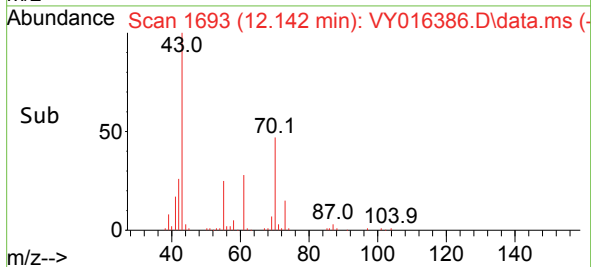
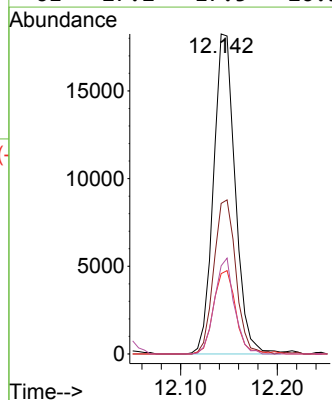
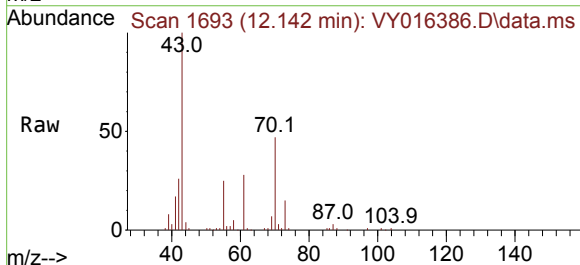
Instrument :
MSVOA_Y
ClientSampleId :

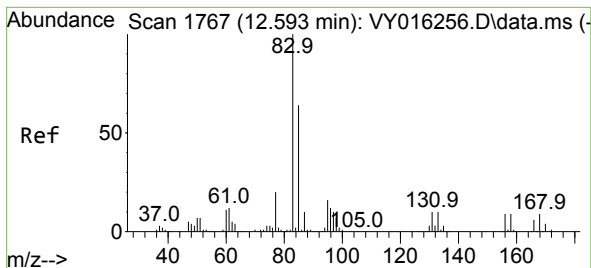
Tgt Ion:105 Resp: 157270
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9



#74
N-ethyl acetate
Concen: 16.920 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.012 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion: 43 Resp: 28498
Ion Ratio Lower Upper
43 100
70 48.8 29.7 44.5#
55 26.7 18.3 27.5
61 27.2 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.353 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.012 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

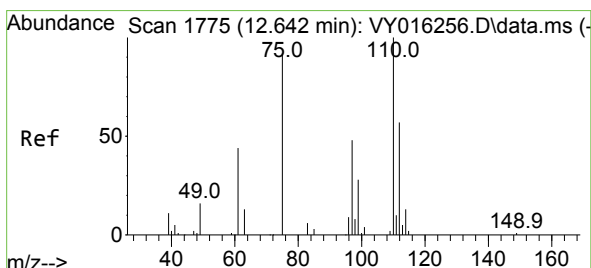
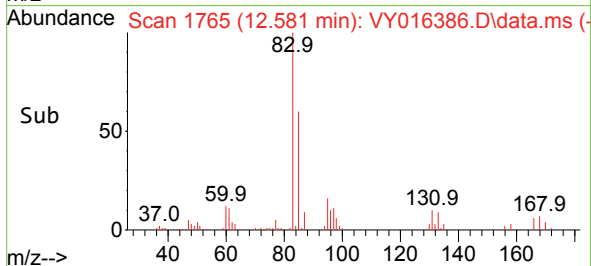
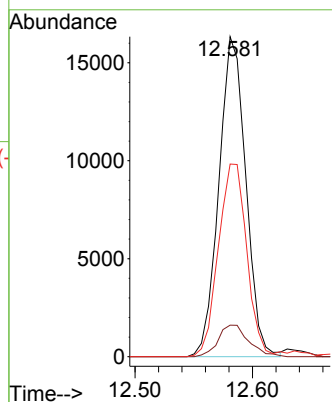
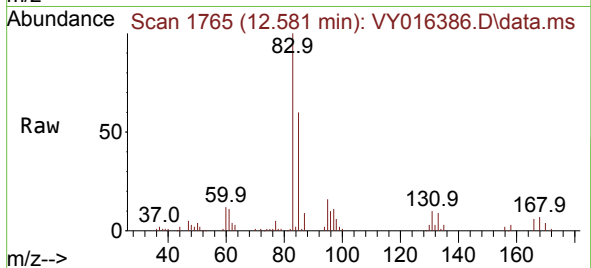
Tgt Ion: 83 Resp: 26041

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

85 63.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 33.679 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.012 min

Lab File: VY016386.D

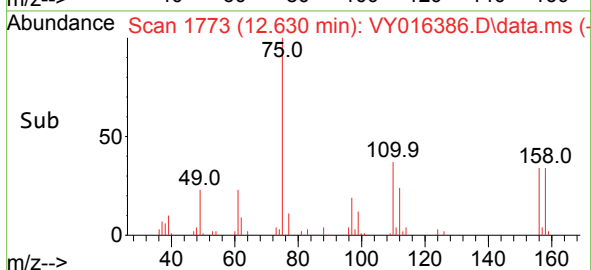
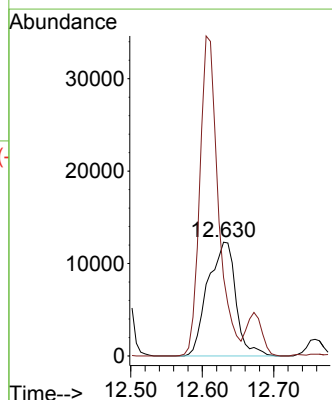
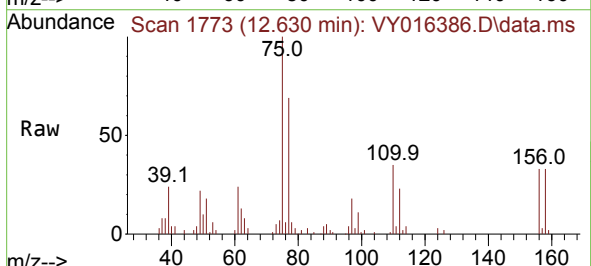
Acq: 16 Nov 2023 14:05

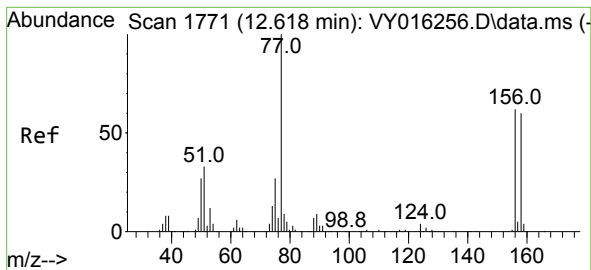
Tgt Ion: 75 Resp: 33455

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.229 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

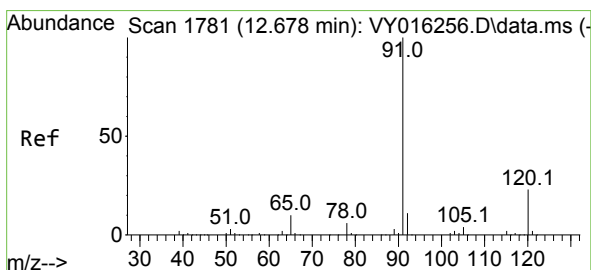
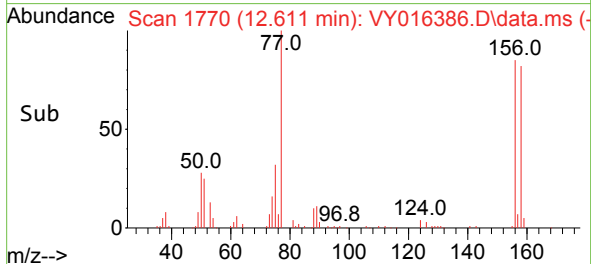
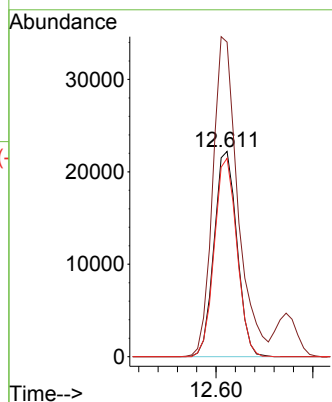
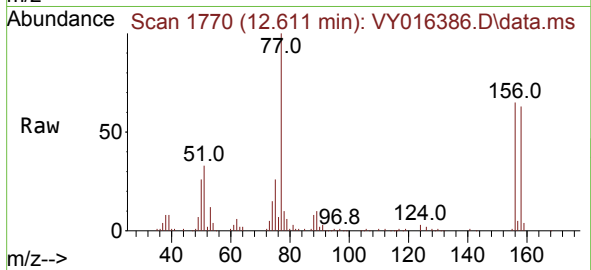
Tgt Ion:156 Resp: 36443

Ion Ratio Lower Upper

156 100

77 171.4 92.8 278.6

158 95.7 48.4 145.3



#78

n-propylbenzene

Concen: 18.691 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY016386.D

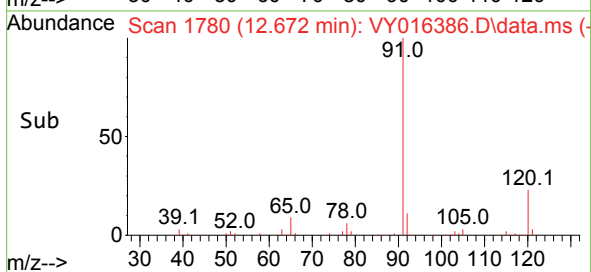
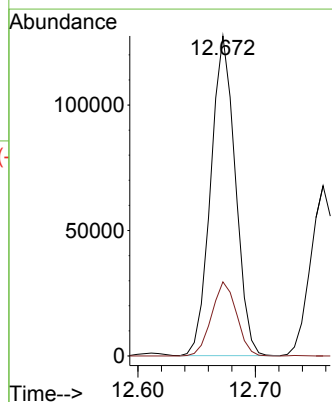
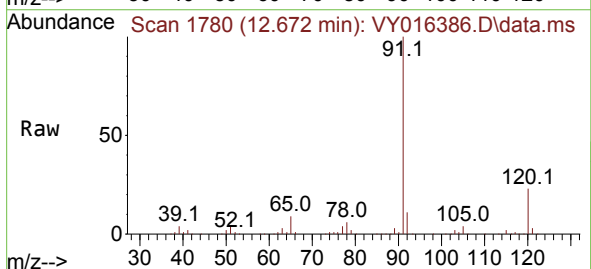
Acq: 16 Nov 2023 14:05

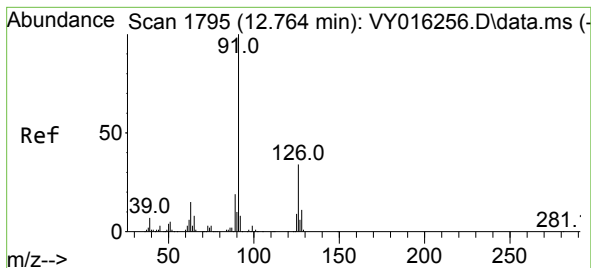
Tgt Ion: 91 Resp: 185227

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.868 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

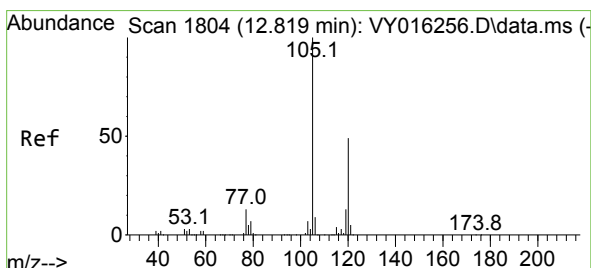
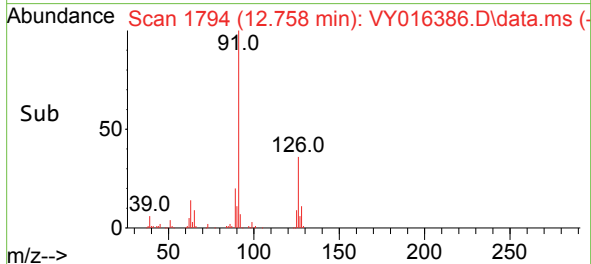
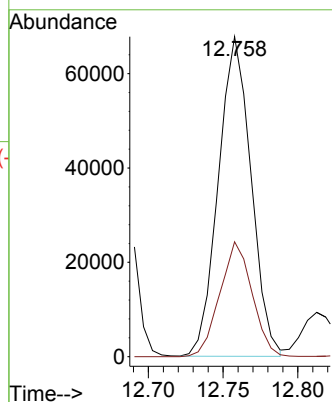
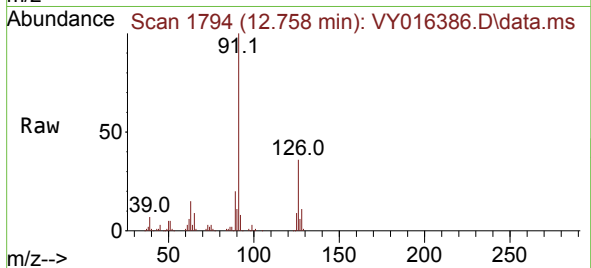
ClientSampleId :

Tgt Ion: 91 Resp: 103044

Ion Ratio Lower Upper

91 100

126 35.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 18.913 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VY016386.D

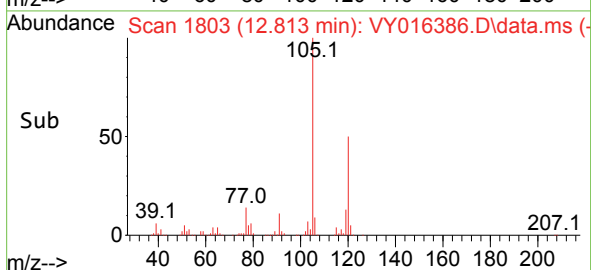
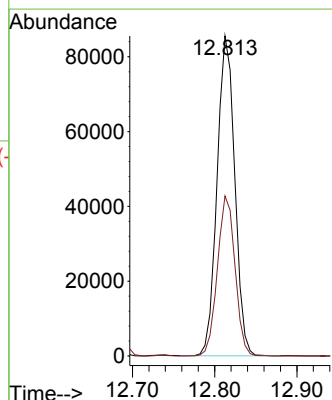
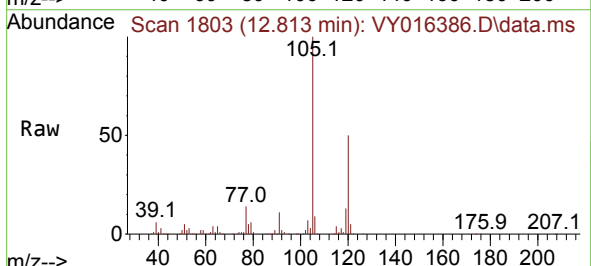
Acq: 16 Nov 2023 14:05

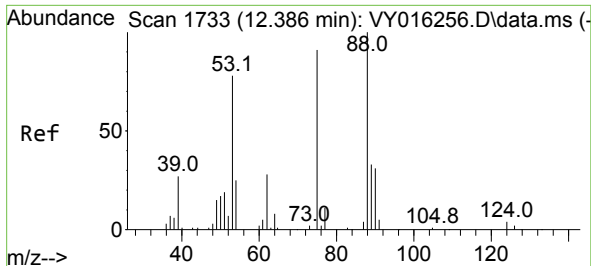
Tgt Ion:105 Resp: 127864

Ion Ratio Lower Upper

105 100

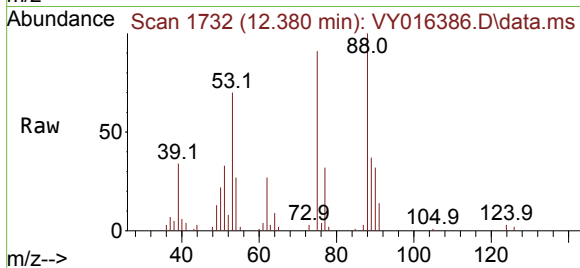
120 49.8 23.9 71.7



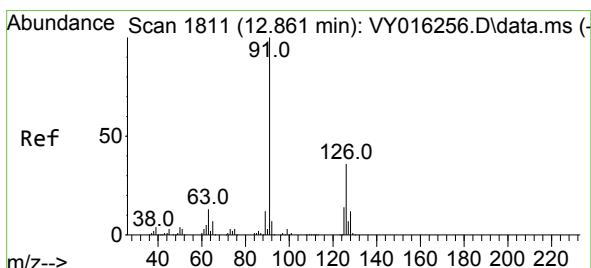
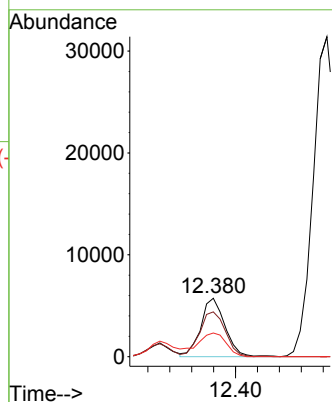
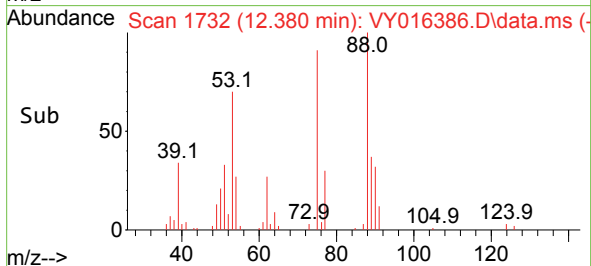


#81
trans-1,4-Dichloro-2-butene
Concen: 19.194 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Instrument :
MSVOA_Y
ClientSampleId :

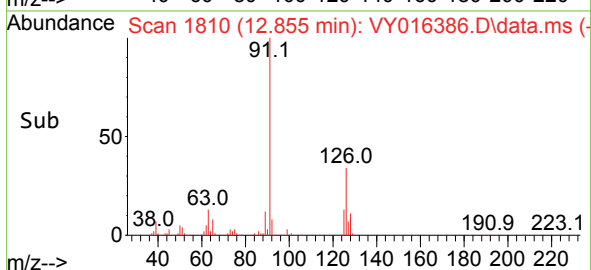
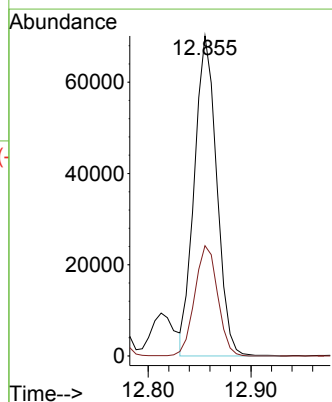
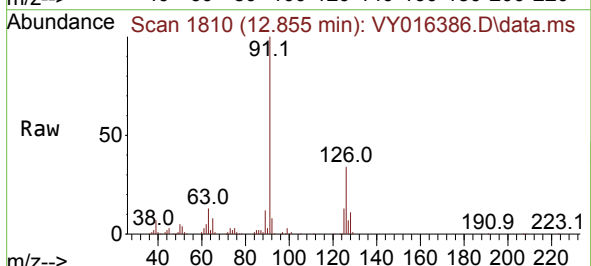


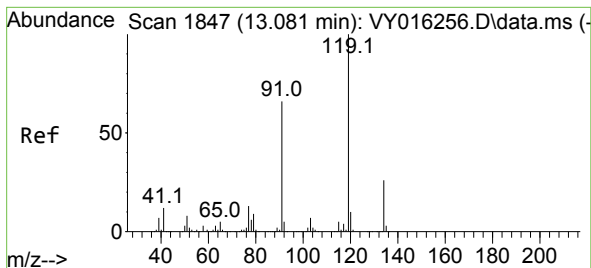
Tgt Ion: 75 Resp: 8784
Ion Ratio Lower Upper
75 100
53 82.1 77.8 116.8
89 48.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 18.812 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion: 91 Resp: 106157
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 18.838 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

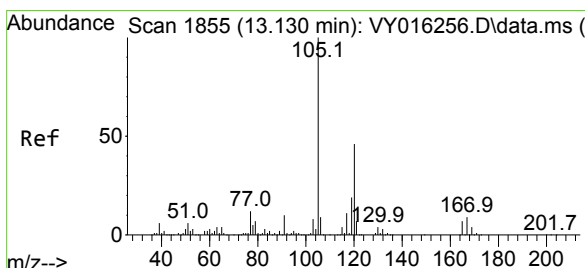
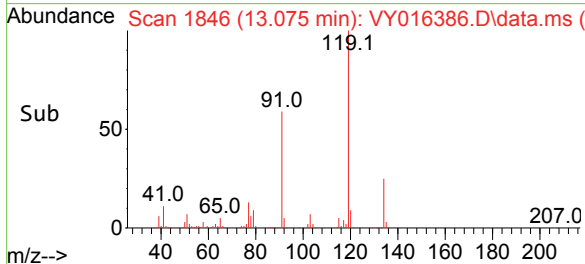
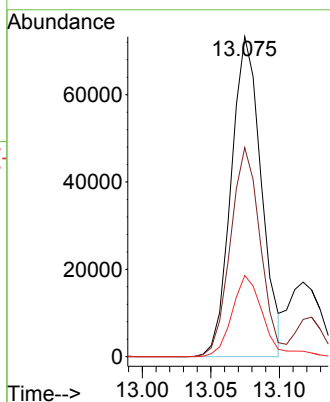
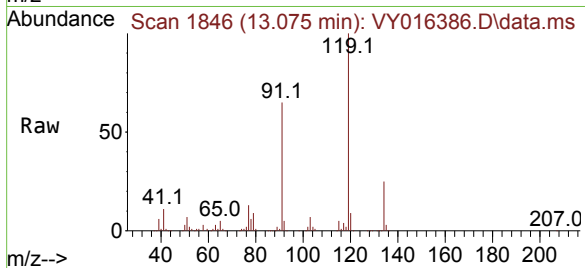
Tgt Ion:119 Resp: 112181

Ion Ratio Lower Upper

119 100

91 65.2 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 18.986 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY016386.D

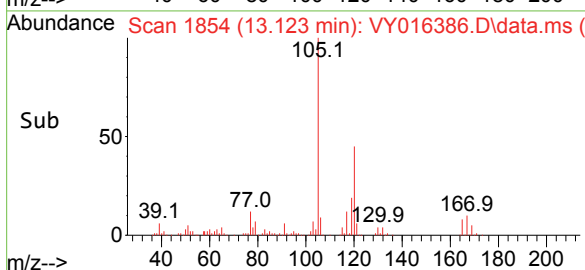
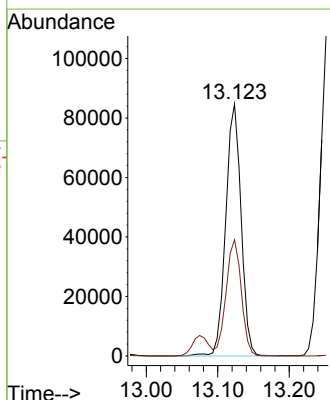
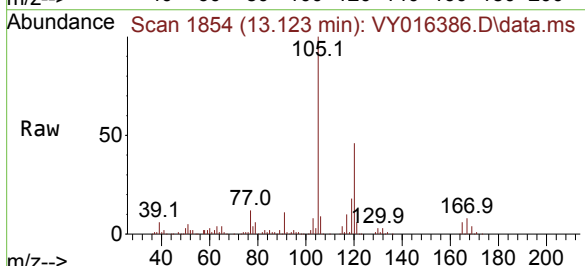
Acq: 16 Nov 2023 14:05

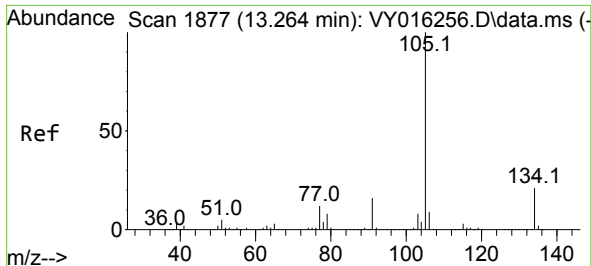
Tgt Ion:105 Resp: 126390

Ion Ratio Lower Upper

105 100

120 45.9 22.2 66.6

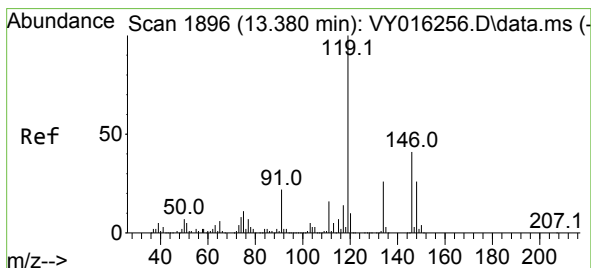
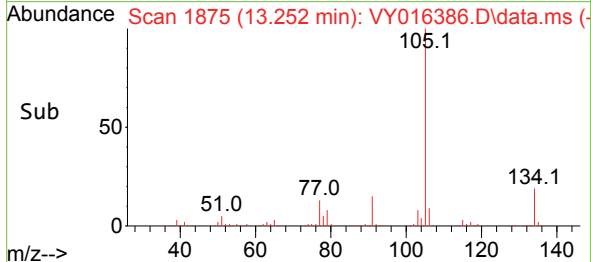
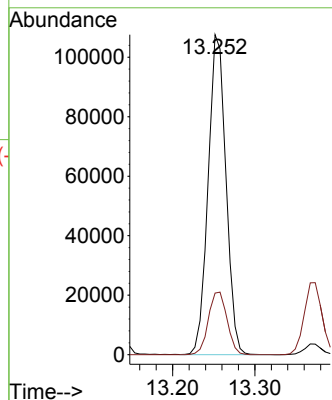
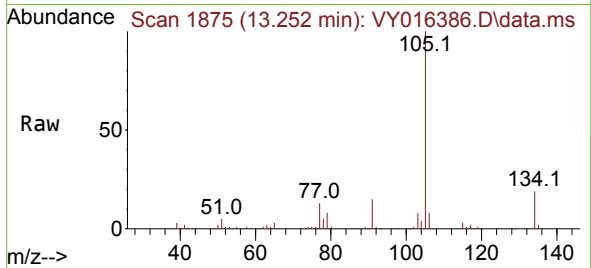




#85
 sec-Butylbenzene
 Concen: 19.038 ug/l
 RT: 13.252 min Scan# 1875
 Delta R.T. -0.012 min
 Lab File: VY016386.D
 Acq: 16 Nov 2023 14:05

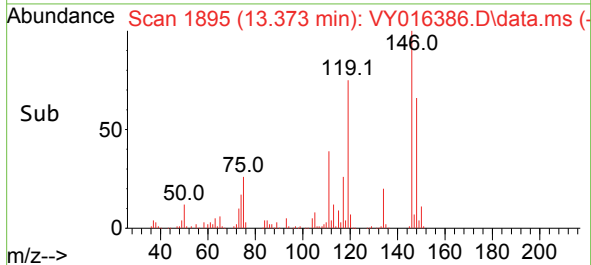
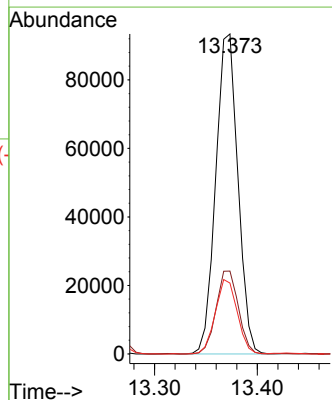
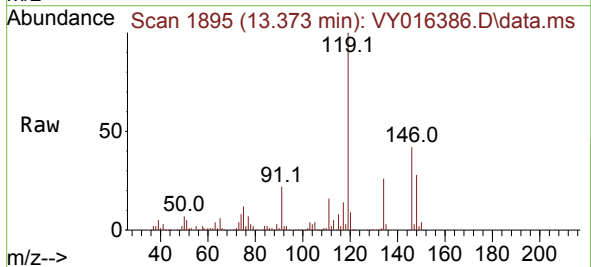
Instrument :
 MSVOA_Y
 ClientSampleId :

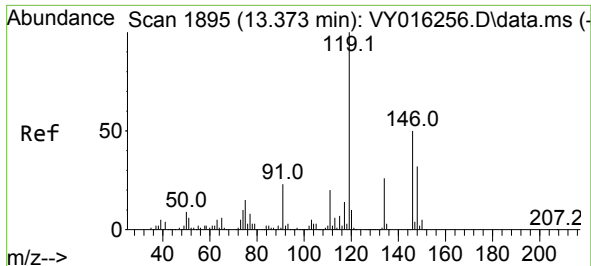
Tgt Ion:105 Resp: 161961
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 19.086 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY016386.D
 Acq: 16 Nov 2023 14:05

Tgt Ion:119 Resp: 139812
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 23.1 12.4 37.4

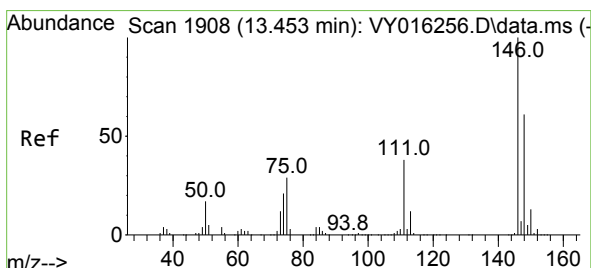
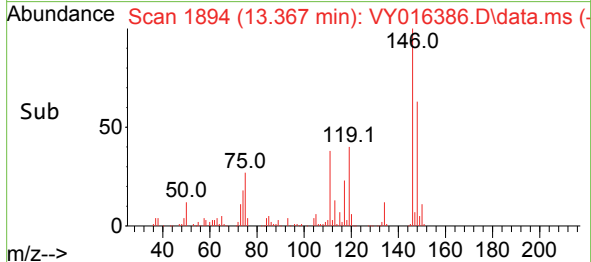
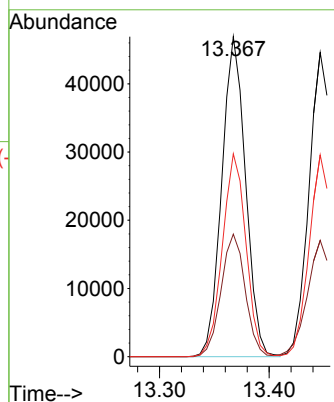
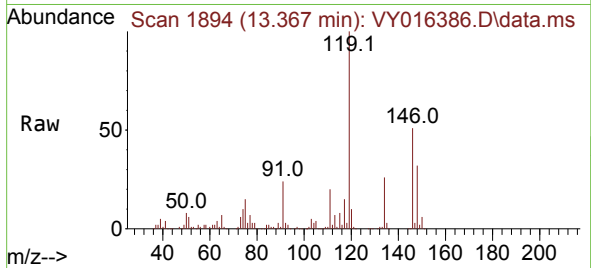




#87
1,3-Dichlorobenzene
Concen: 19.400 ug/l
RT: 13.367 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

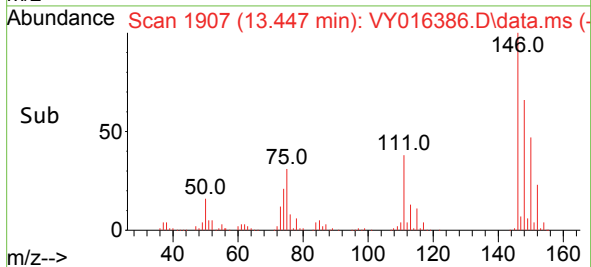
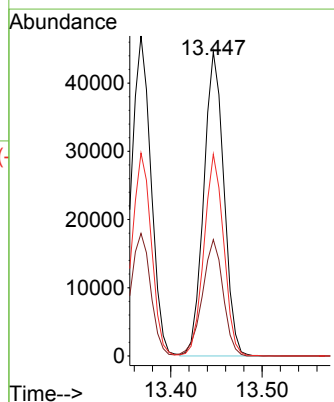
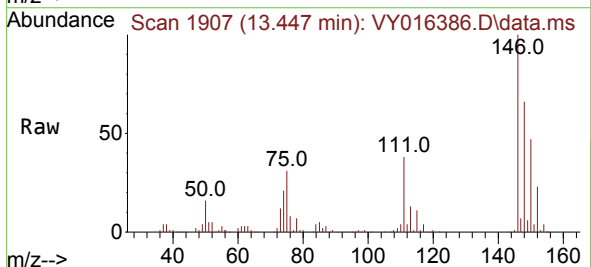
Instrument :
MSVOA_Y
ClientSampleId :

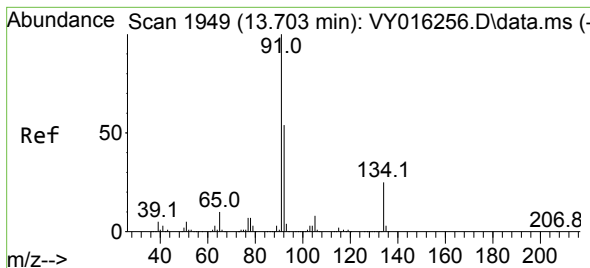
Tgt Ion:146 Resp: 70733
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.2
148 62.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.106 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY016386.D
Acq: 16 Nov 2023 14:05

Tgt Ion:146 Resp: 68082
Ion Ratio Lower Upper
146 100
111 39.5 18.9 56.7
148 65.2 32.1 96.5





#89

n-Butylbenzene

Concen: 18.415 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

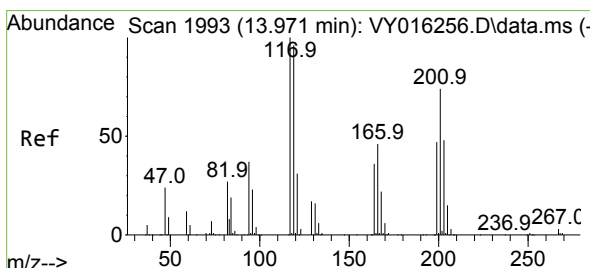
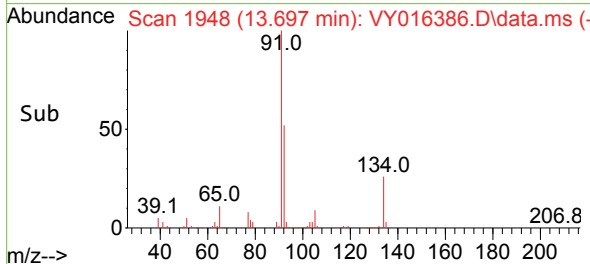
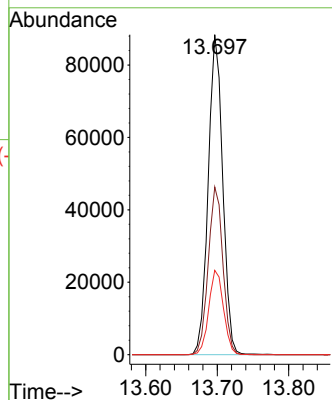
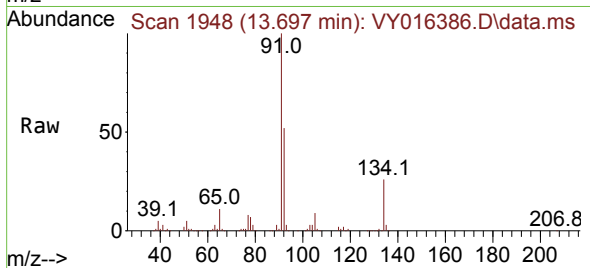
Tgt Ion: 91 Resp: 124577

Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.0

134 26.9 12.6 37.6



#90

Hexachloroethane

Concen: 19.097 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.012 min

Lab File: VY016386.D

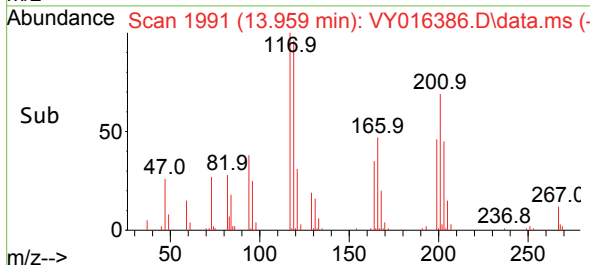
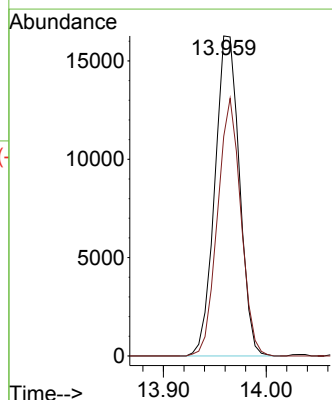
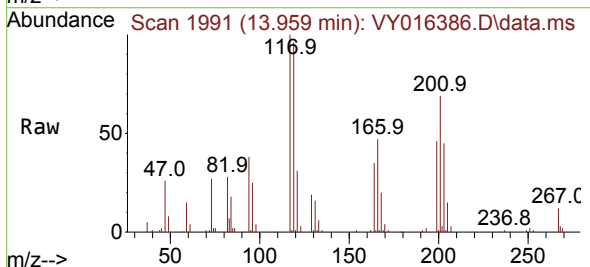
Acq: 16 Nov 2023 14:05

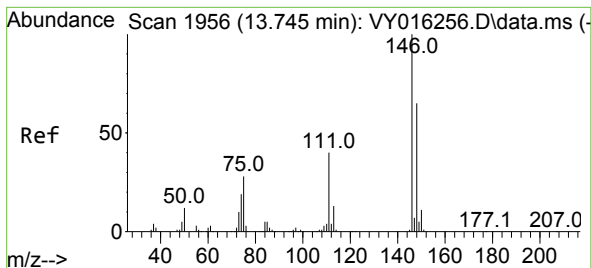
Tgt Ion: 117 Resp: 26986

Ion Ratio Lower Upper

117 100

201 76.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.332 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

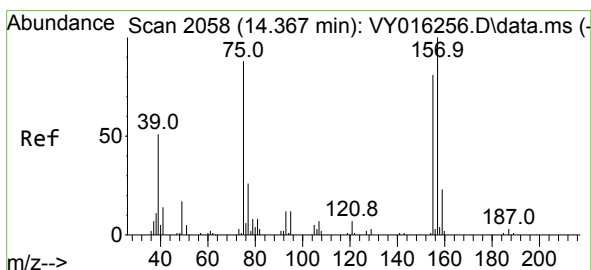
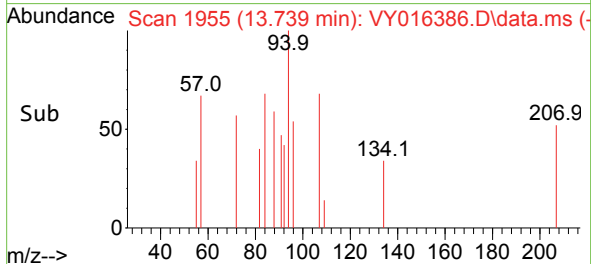
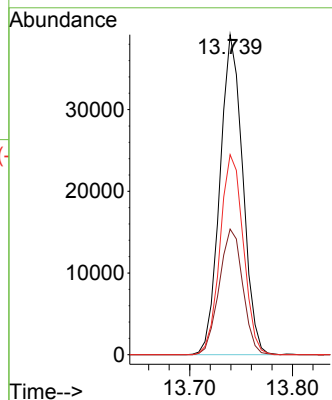
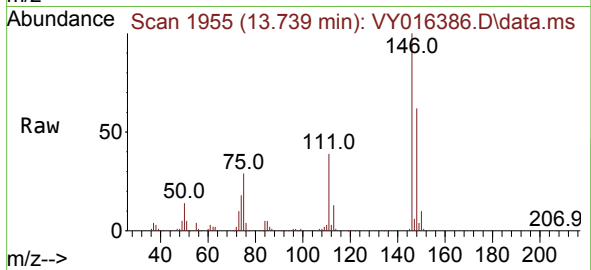
Tgt Ion:146 Resp: 60401

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.0

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.564 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

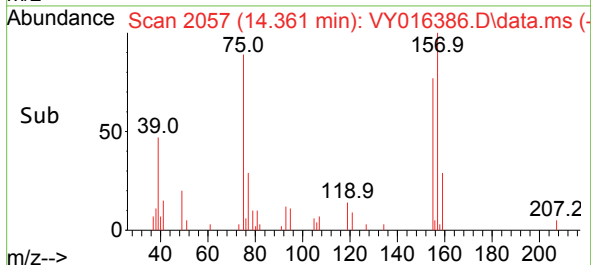
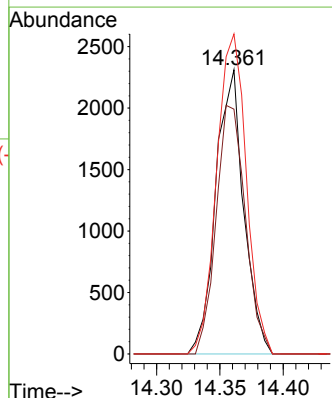
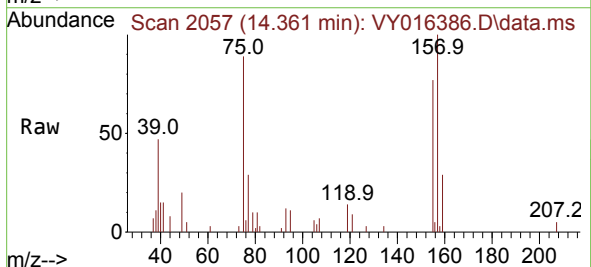
Tgt Ion: 75 Resp: 3546

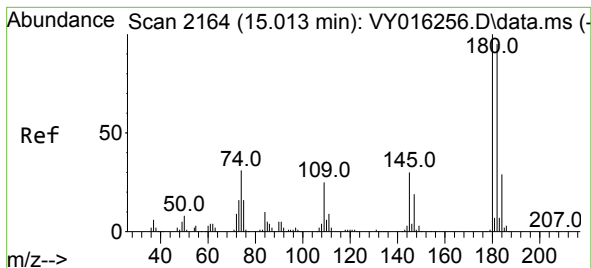
Ion Ratio Lower Upper

75 100

155 91.3 41.5 124.6

157 119.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 17.523 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

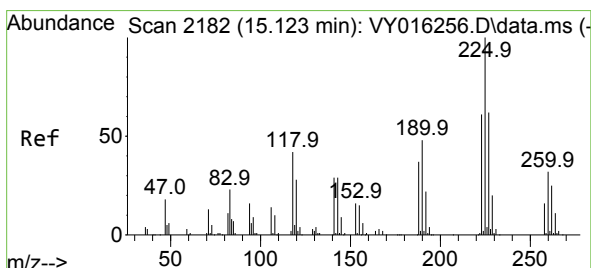
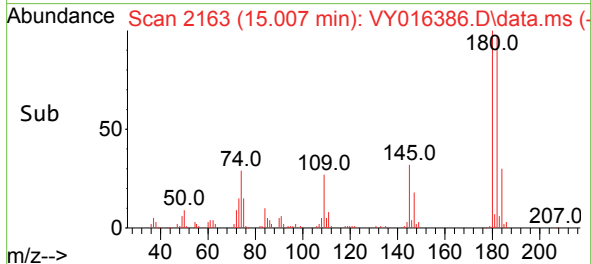
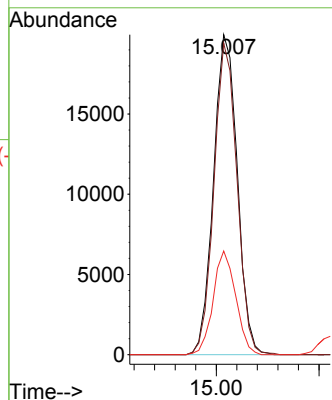
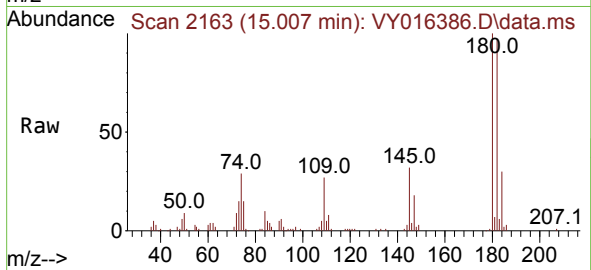
Tgt Ion:180 Resp: 31957

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

145 30.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.257 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.012 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

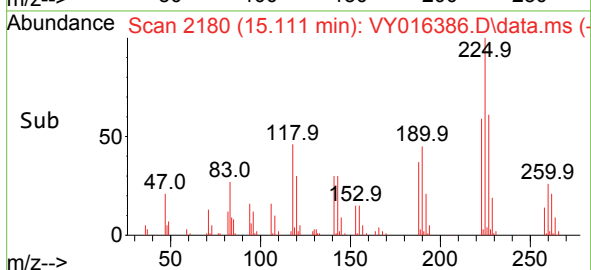
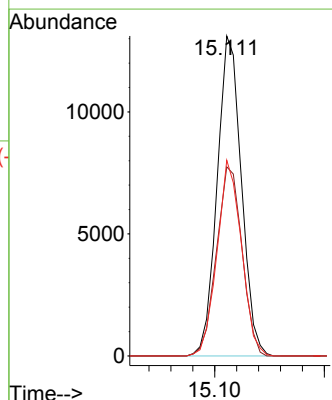
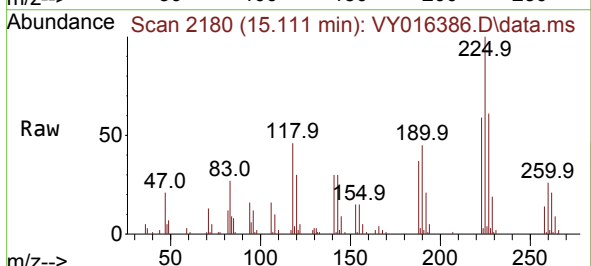
Tgt Ion:225 Resp: 20120

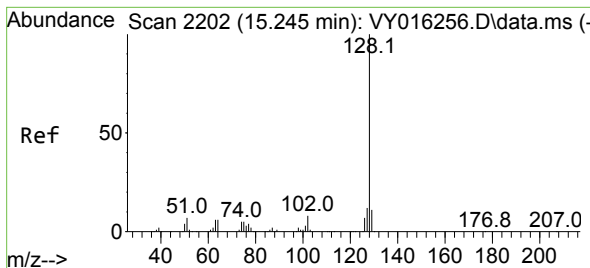
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.9

227 61.5 33.0 98.9





#95

Naphthalene

Concen: 16.050 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY016386.D

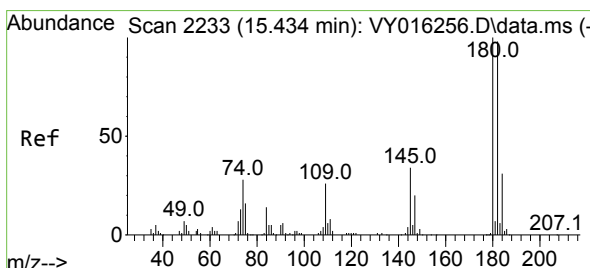
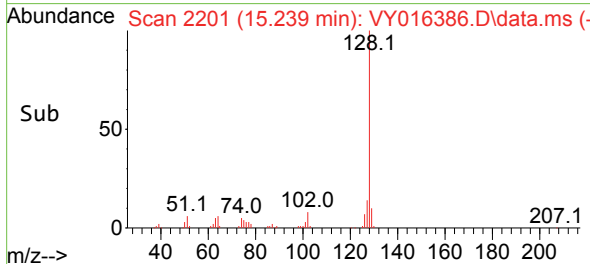
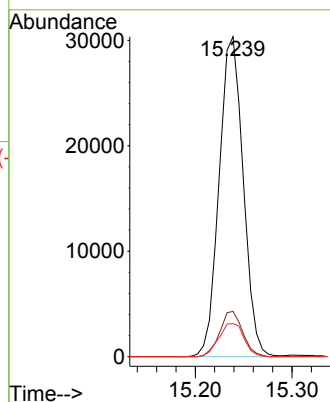
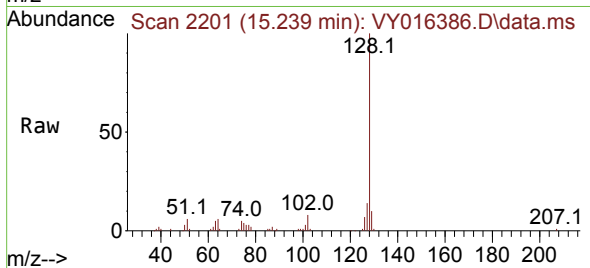
Acq: 16 Nov 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	52352
Ion Ratio	Lower	Upper
128	100	
127	13.6	10.8 16.2
129	10.9	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 16.695 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016386.D

Acq: 16 Nov 2023 14:05

Tgt Ion:180	Resp:	25183
Ion Ratio	Lower	Upper
180	100	
182	95.6	47.3 141.8
145	32.3	15.4 46.2

