

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
 Data File : VY017045.D
 Acq On : 19 Jan 2024 10:40
 Operator : SY/MD
 Sample : VY0119SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0119SBS01

Quant Time: Jan 19 22:17:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.826	168	147463	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	246939	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	210718	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	91077	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	66250	45.456	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.920%
35) Dibromofluoromethane	7.752	113	72814	46.273	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.540%
50) Toluene-d8	10.203	98	238324	43.982	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.960%
62) 4-Bromofluorobenzene	12.502	95	82988	45.393	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.924	85	19212	15.235	ug/l	94
3) Chloromethane	2.138	50	26826	15.486	ug/l	97
4) Vinyl Chloride	2.272	62	32745	16.026	ug/l	94
5) Bromomethane	2.668	94	26621	18.186	ug/l	97
6) Chloroethane	2.820	64	24014	17.374	ug/l	95
7) Trichlorofluoromethane	3.156	101	46935	18.643	ug/l	95
8) Diethyl Ether	3.558	74	15184	18.872	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.936	101	30811	18.822	ug/l	99
10) Methyl Iodide	4.131	142	22391	16.078	ug/l	98
11) Tert butyl alcohol	5.003	59	14959	124.406	ug/l	99
12) 1,1-Dichloroethene	3.912	96	24993	17.795	ug/l	91
13) Acrolein	3.765	56	16113	96.551	ug/l	99
14) Allyl chloride	4.527	41	39816	17.932	ug/l	99
15) Acrylonitrile	5.210	53	40917	108.723	ug/l	100
16) Acetone	3.985	43	53300	137.520	ug/l	97
17) Carbon Disulfide	4.241	76	42747	12.738	ug/l	98
18) Methyl Acetate	4.521	43	29190	18.694	ug/l	98
19) Methyl tert-butyl Ether	5.265	73	76801	21.018	ug/l	99
20) Methylene Chloride	4.765	84	35541	13.273	ug/l	97
21) trans-1,2-Dichloroethene	5.271	96	28427	17.672	ug/l	96
22) Diisopropyl ether	6.161	45	103864	20.233	ug/l	99
23) Vinyl Acetate	6.106	43	252081	107.097	ug/l	99
24) 1,1-Dichloroethane	6.064	63	59346	19.238	ug/l	96
25) 2-Butanone	7.021	43	64552	124.935	ug/l	99
26) 2,2-Dichloropropane	7.021	77	52392	19.588	ug/l	98
27) cis-1,2-Dichloroethene	7.027	96	36639	19.430	ug/l	99
28) Bromochloromethane	7.368	49	21385	18.466	ug/l	100
29) Tetrahydrofuran	7.387	42	32016	108.534	ug/l	99
30) Chloroform	7.545	83	64224	20.203	ug/l	98
31) Cyclohexane	7.819	56	42127	16.841	ug/l	96
32) 1,1,1-Trichloroethane	7.740	97	52900	19.626	ug/l	98
36) 1,1-Dichloropropene	7.954	75	41880	18.262	ug/l	99
37) Ethyl Acetate	7.118	43	23537	22.585	ug/l	99
38) Carbon Tetrachloride	7.935	117	44625	19.153	ug/l	98
39) Methylcyclohexane	9.216	83	44128	17.117	ug/l	98
40) Benzene	8.197	78	128850	18.730	ug/l	99

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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	7.350	41	11063	20.156	ug/l #	65
42) 1,2-Dichloroethane	8.264	62	37101	20.315	ug/l	100
43) Isopropyl Acetate	8.307	43	42431	21.261	ug/l	98
44) Trichloroethene	8.966	130	33732	19.270	ug/l	95
45) 1,2-Dichloropropane	9.246	63	35525	20.045	ug/l	100
46) Dibromomethane	9.331	93	18619	20.599	ug/l	98
47) Bromodichloromethane	9.520	83	48473	19.971	ug/l	96
48) Methyl methacrylate	9.319	41	22063	20.485	ug/l	95
49) 1,4-Dioxane	9.325	88	4538	484.886	ug/l	95
51) 4-Methyl-2-Pentanone	10.093	43	119004	112.124	ug/l	99
52) Toluene	10.270	92	78941	19.014	ug/l	98
53) t-1,3-Dichloropropene	10.490	75	43220	19.880	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	52146	19.972	ug/l	96
55) 1,1,2-Trichloroethane	10.666	97	27747	21.013	ug/l	96
56) Ethyl methacrylate	10.532	69	23442	20.959	ug/l	98
57) 1,3-Dichloropropane	10.813	76	47048	21.340	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.807	63	56418	92.008	ug/l	99
59) 2-Hexanone	10.855	43	91424	116.984	ug/l	99
60) Dibromochloromethane	11.008	129	31567	20.730	ug/l	100
61) 1,2-Dibromoethane	11.112	107	23573	20.547	ug/l	99
64) Tetrachloroethene	10.746	164	25890	18.951	ug/l	97
65) Chlorobenzene	11.538	112	86713	19.754	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.611	131	33906	20.319	ug/l	97
67) Ethyl Benzene	11.611	91	155121	19.628	ug/l	97
68) m/p-Xylenes	11.721	106	114574	39.497	ug/l	99
69) o-Xylene	12.050	106	53866	19.808	ug/l	99
70) Styrene	12.063	104	79716	20.141	ug/l	99
71) Bromoform	12.227	173	17990	21.900	ug/l #	98
73) Isopropylbenzene	12.349	105	149069	20.043	ug/l	100
74) N-amyl acetate	12.166	43	32209	21.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	33281	21.962	ug/l	97
76) 1,2,3-Trichloropropane	12.654	75	37228	37.667	ug/l #	100
77) Bromobenzene	12.630	156	32822	20.044	ug/l	98
78) n-propylbenzene	12.691	91	180804	19.997	ug/l	100
79) 2-Chlorotoluene	12.776	91	100121	19.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	118489	20.144	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.398	75	8926	20.508	ug/l	99
82) 4-Chlorotoluene	12.873	91	102245	19.961	ug/l	98
83) tert-Butylbenzene	13.093	119	103799	20.035	ug/l	97
84) 1,2,4-Trimethylbenzene	13.142	105	117461	20.277	ug/l	99
85) sec-Butylbenzene	13.276	105	155977	20.318	ug/l	100
86) p-Isopropyltoluene	13.392	119	126793	20.013	ug/l	100
87) 1,3-Dichlorobenzene	13.386	146	63692	19.833	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	63039	20.069	ug/l	98
89) n-Butylbenzene	13.715	91	121323	19.917	ug/l	99
90) Hexachloroethane	13.983	117	26294	19.314	ug/l	97
91) 1,2-Dichlorobenzene	13.757	146	56290	20.282	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	3787	19.929	ug/l	98
93) 1,2,4-Trichlorobenzene	15.025	180	26850	19.482	ug/l	96
94) Hexachlorobutadiene	15.135	225	16216	18.783	ug/l	97
95) Naphthalene	15.257	128	47243	20.467	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	21763	18.598	ug/l	97

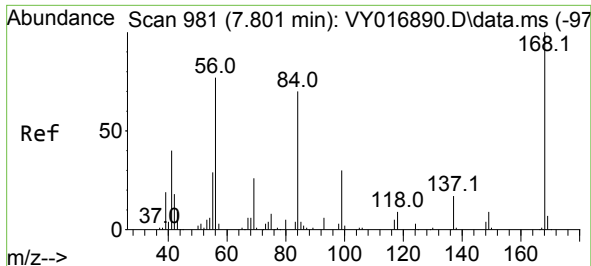
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011924\
Data File : VY017045.D
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Response via : Initial Calibration

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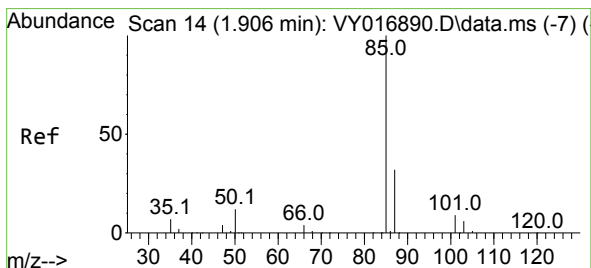
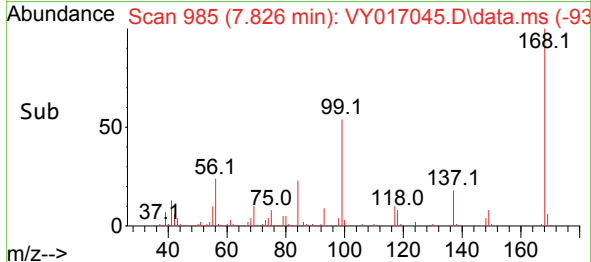
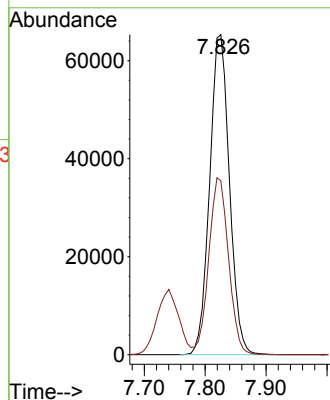
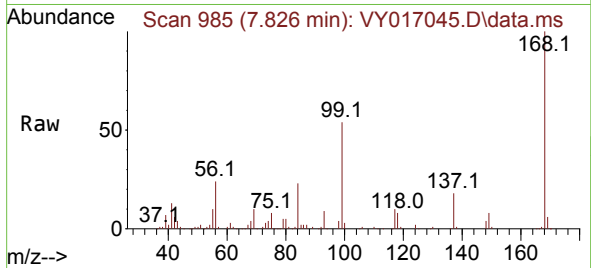
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

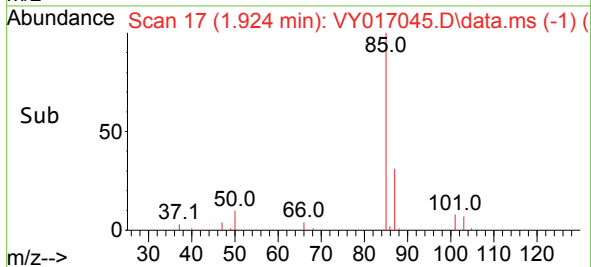
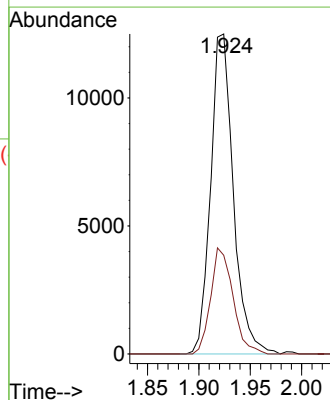
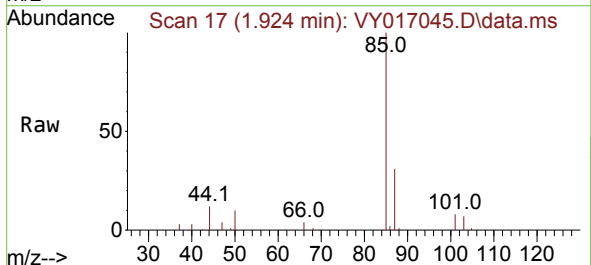
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ClientSampleId :
VY0119SBS01

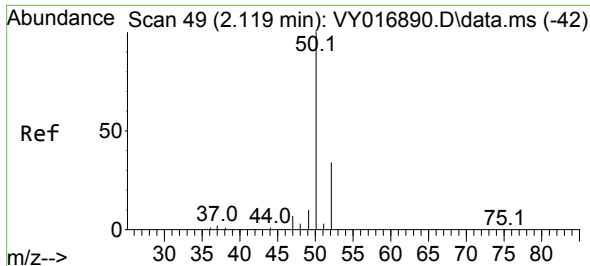
Tgt Ion:168 Resp: 147463
Ion Ratio Lower Upper
168 100
99 54.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 15.235 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.012 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion: 85 Resp: 19212
Ion Ratio Lower Upper
85 100
87 30.8 17.1 51.3

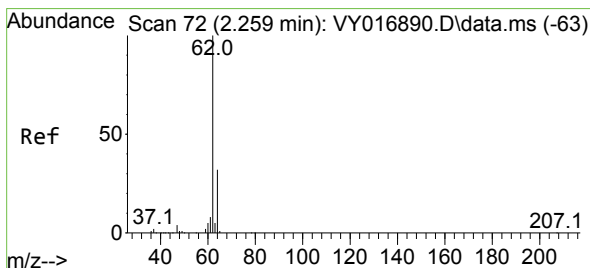
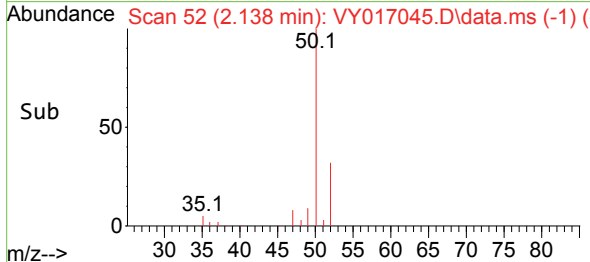
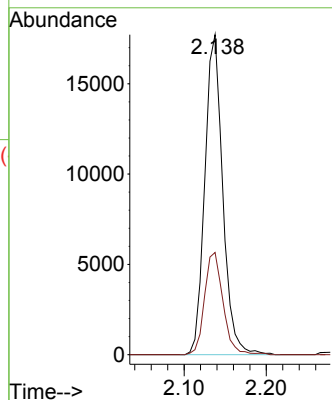
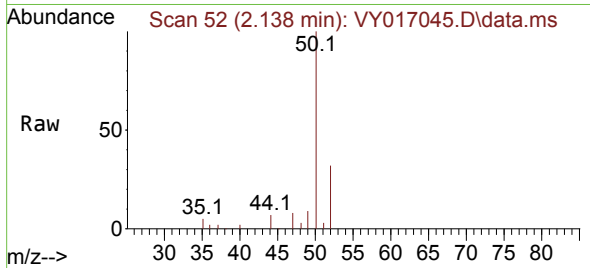




#3
Chloromethane
Concen: 15.486 ug/l
RT: 2.138 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

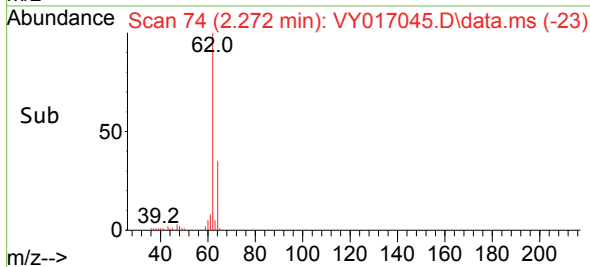
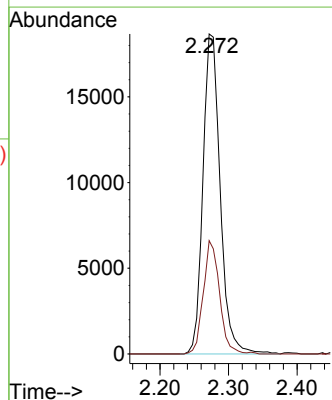
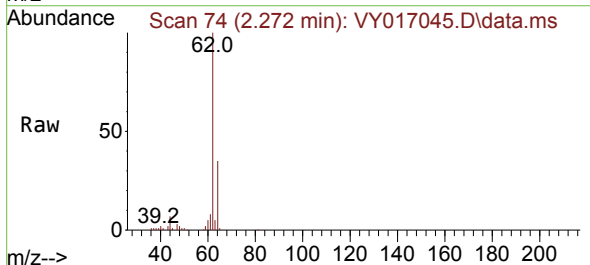
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

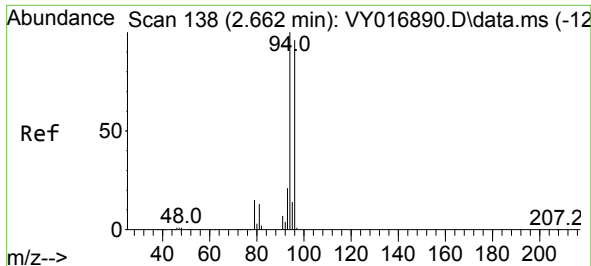
Tgt Ion: 50 Resp: 26826
Ion Ratio Lower Upper
50 100
52 31.9 26.7 40.1



#4
Vinyl Chloride
Concen: 16.026 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.013 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion: 62 Resp: 32745
Ion Ratio Lower Upper
62 100
64 35.4 25.7 38.5





#5

Bromomethane

Concen: 18.186 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

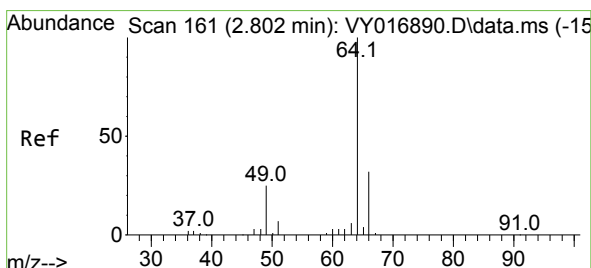
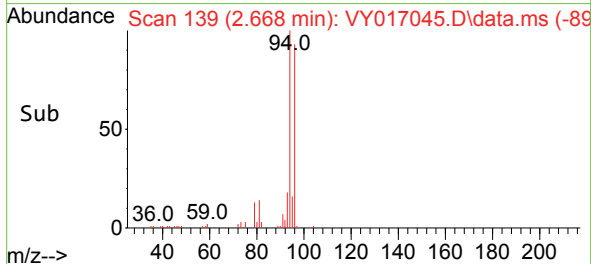
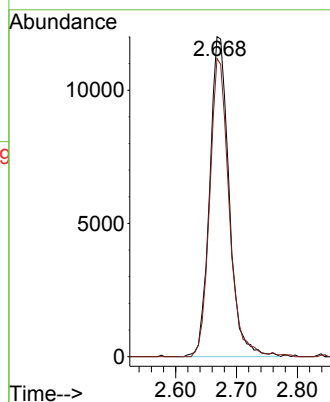
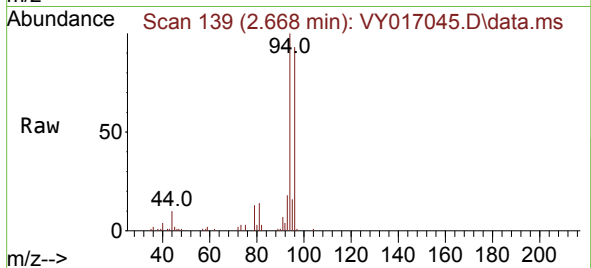
VY0119SBS01

Tgt Ion: 94 Resp: 26621

Ion Ratio Lower Upper

94 100

96 93.2 77.3 115.9



#6

Chloroethane

Concen: 17.374 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.012 min

Lab File: VY017045.D

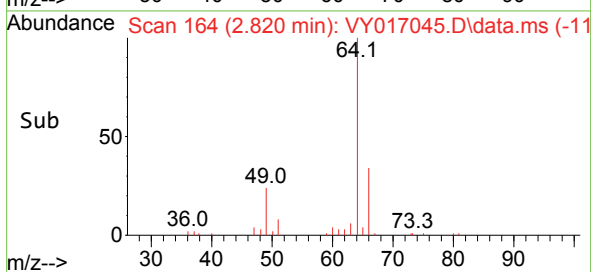
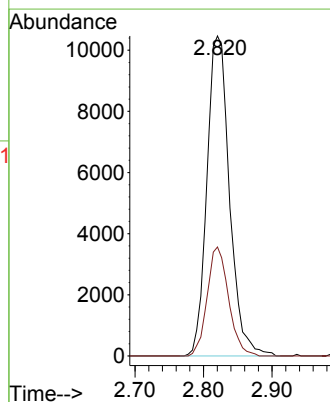
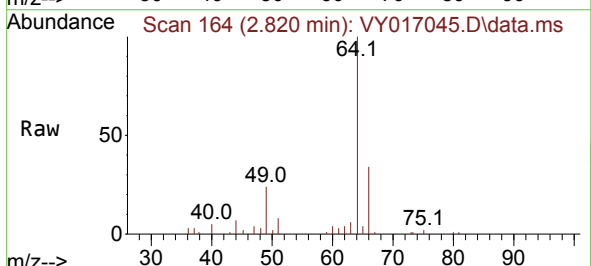
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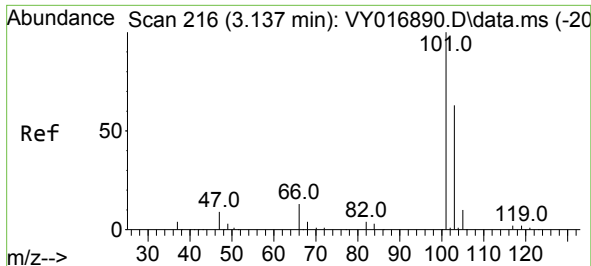
Tgt Ion: 64 Resp: 24014

Ion Ratio Lower Upper

64 100

66 34.0 25.1 37.7

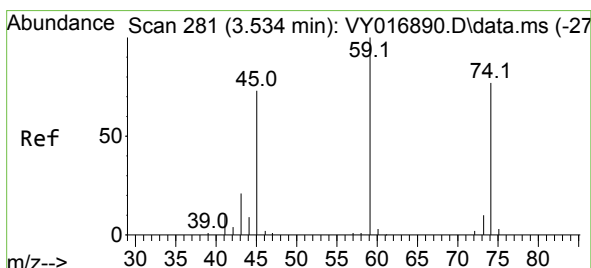
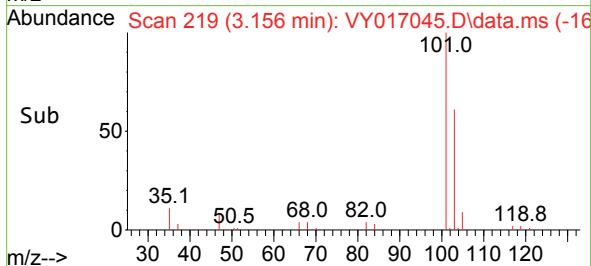
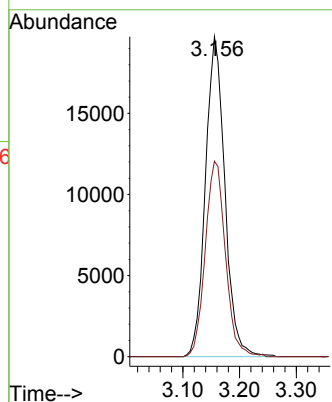
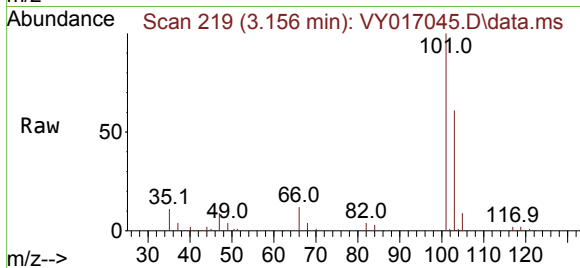




#7
Trichlorofluoromethane
Concen: 18.643 ug/l
RT: 3.156 min Scan# 216
Delta R.T. 0.019 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

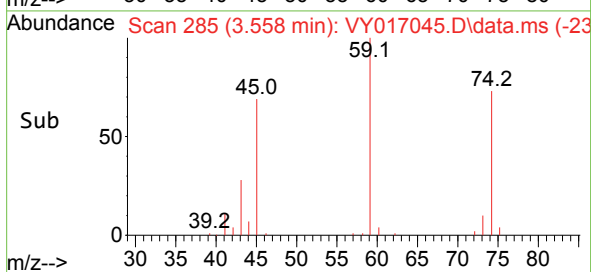
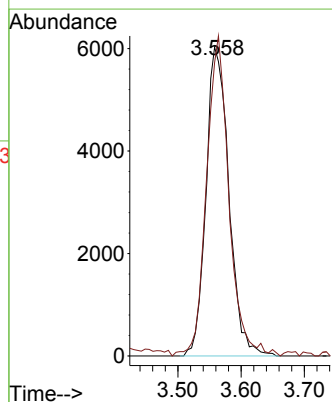
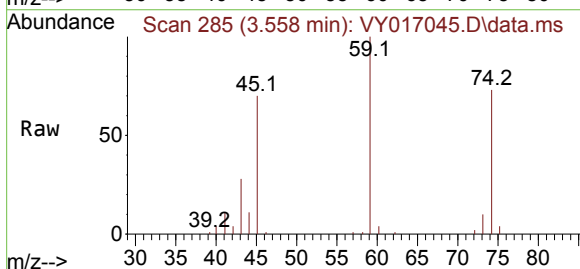
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

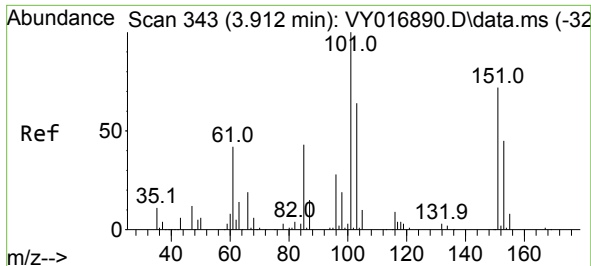
Tgt Ion:101 Resp: 46935
Ion Ratio Lower Upper
101 100
103 61.1 51.9 77.9



#8
Diethyl Ether
Concen: 18.872 ug/l
RT: 3.558 min Scan# 285
Delta R.T. 0.018 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion: 74 Resp: 15184
Ion Ratio Lower Upper
74 100
45 101.6 47.9 143.7

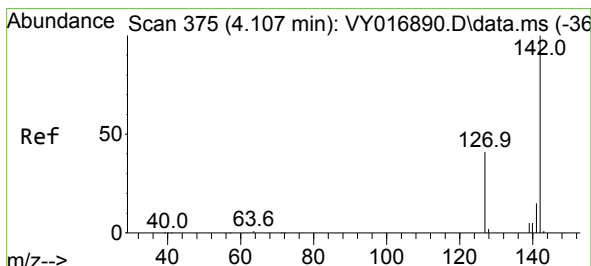
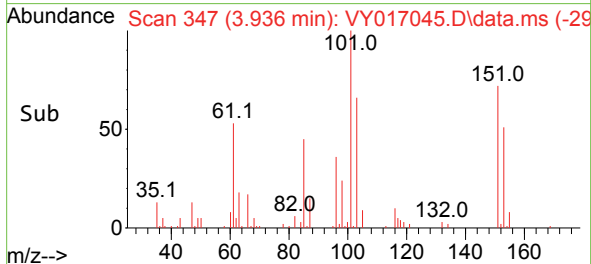
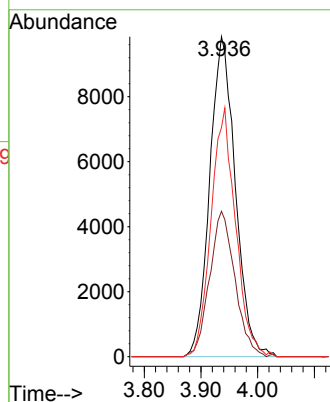
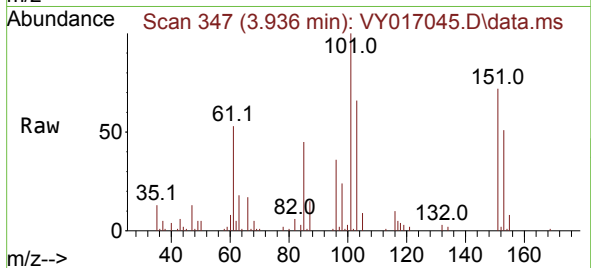




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.822 ug/l
RT: 3.936 min Scan# 34
Delta R.T. 0.025 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

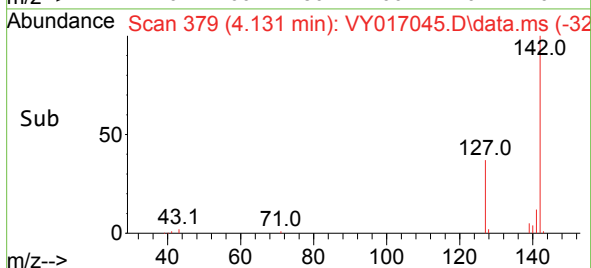
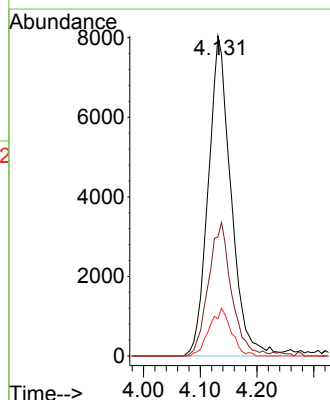
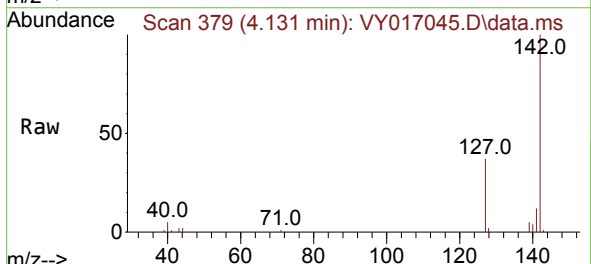
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

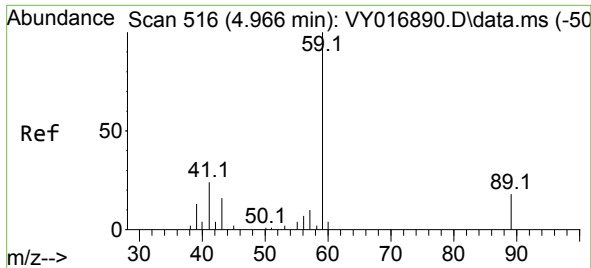
Tgt Ion:	101	Resp:	30811
Ion	Ratio	Lower	Upper
101	100		
85	45.1	35.8	53.6
151	74.6	58.6	88.0



#10
Methyl Iodide
Concen: 16.078 ug/l
RT: 4.131 min Scan# 379
Delta R.T. 0.025 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion:	142	Resp:	22391
Ion	Ratio	Lower	Upper
142	100		
127	42.3	35.1	52.7
141	14.3	11.8	17.6





#11

Tert butyl alcohol

Concen: 124.406 ug/l

RT: 5.003 min Scan# 51

Delta R.T. 0.037 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

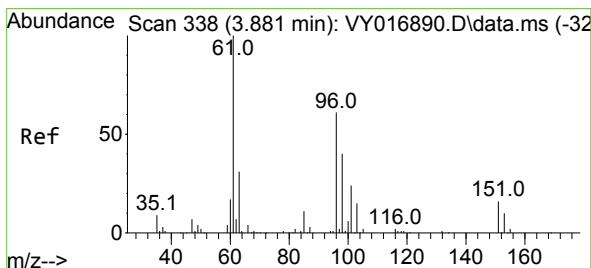
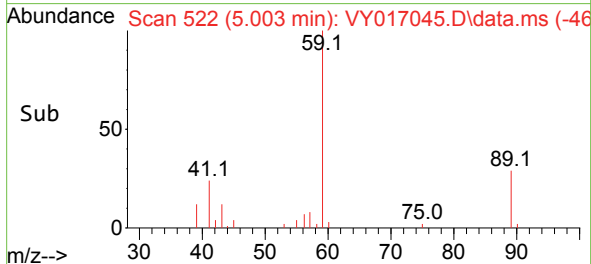
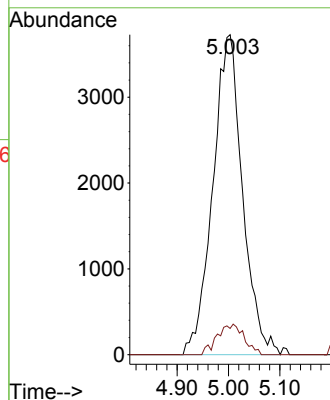
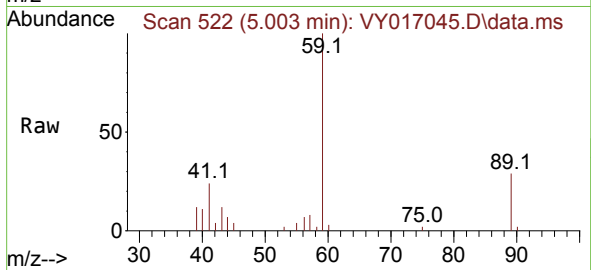
VY0119SBS01

Tgt Ion: 59 Resp: 14959

Ion Ratio Lower Upper

59 100

57 8.7 7.4 11.0



#12

1,1-Dichloroethene

Concen: 17.795 ug/l

RT: 3.912 min Scan# 343

Delta R.T. 0.025 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

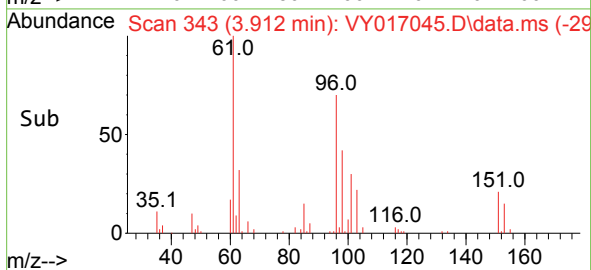
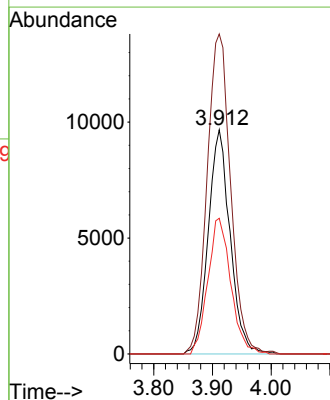
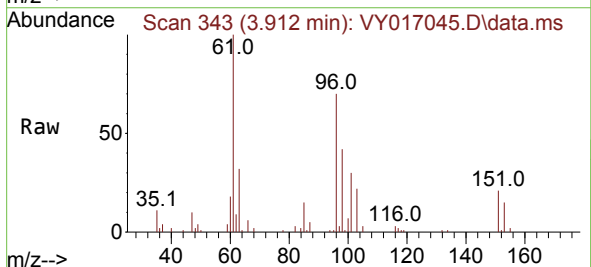
Tgt Ion: 96 Resp: 24993

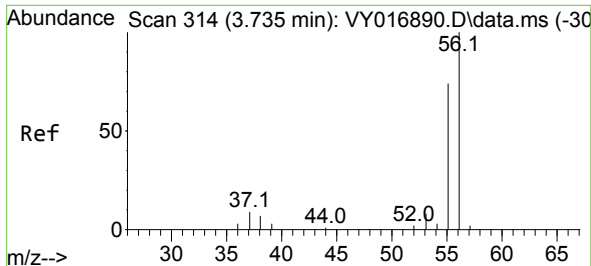
Ion Ratio Lower Upper

96 100

61 142.8 124.2 186.2

98 60.6 52.6 79.0





#13

Acrolein

Concen: 96.551 ug/l

RT: 3.765 min Scan# 314

Delta R.T. 0.024 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

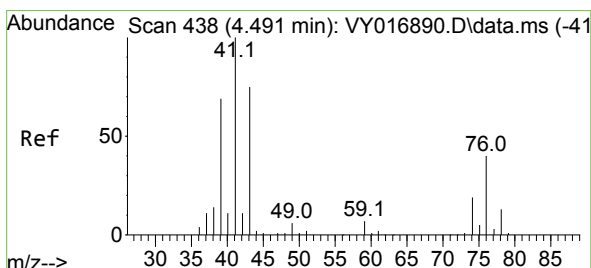
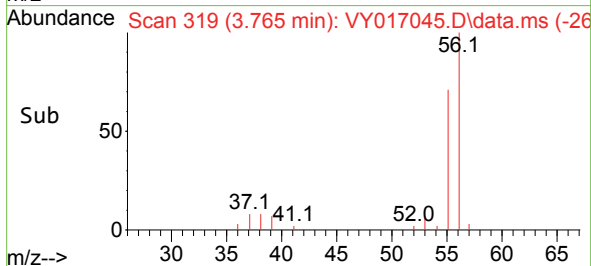
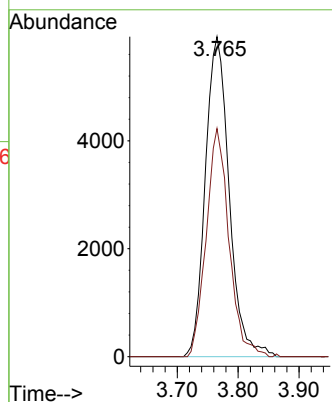
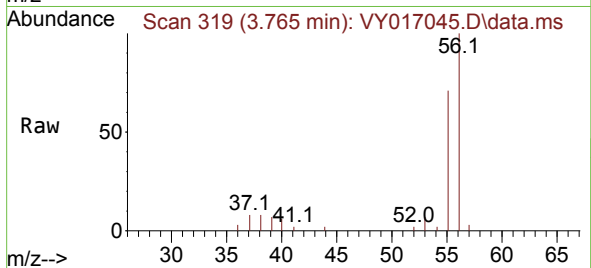
VY0119SBS01

Tgt Ion: 56 Resp: 16113

Ion Ratio Lower Upper

56 100

55 68.2 55.4 83.0



#14

Allyl chloride

Concen: 17.932 ug/l

RT: 4.527 min Scan# 444

Delta R.T. 0.030 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

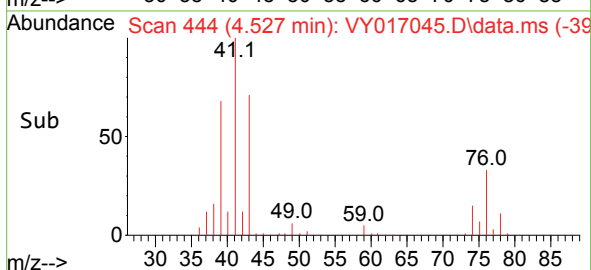
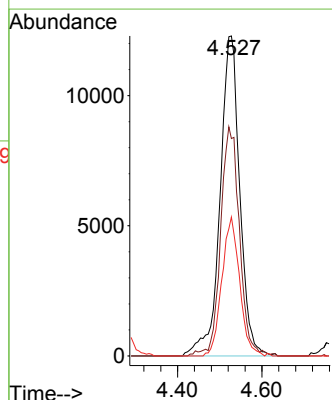
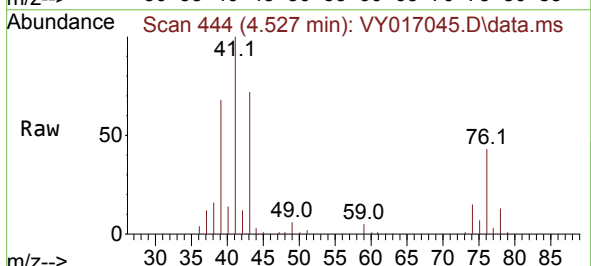
Tgt Ion: 41 Resp: 39816

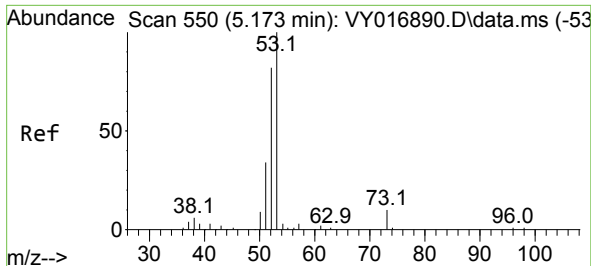
Ion Ratio Lower Upper

41 100

39 68.6 54.7 82.1

76 39.0 31.8 47.6





#15

Acrylonitrile

Concen: 108.723 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.031 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

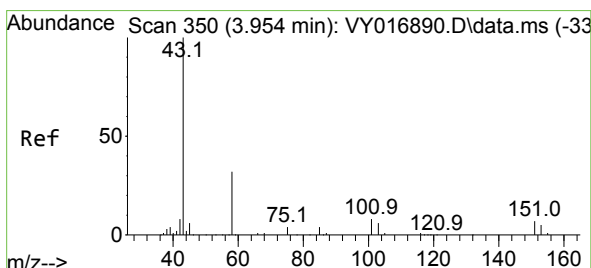
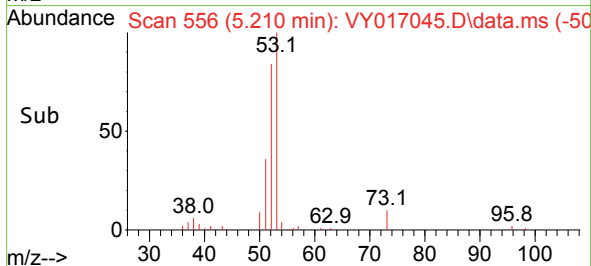
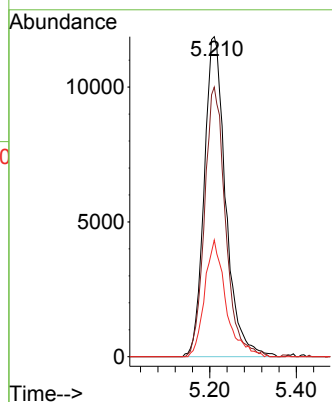
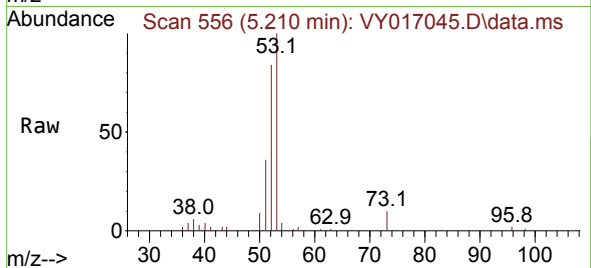
Tgt Ion: 53 Resp: 40917

Ion Ratio Lower Upper

53 100

52 81.9 65.1 97.7

51 36.1 29.0 43.4



#16

Acetone

Concen: 137.520 ug/l

RT: 3.985 min Scan# 355

Delta R.T. 0.025 min

Lab File: VY017045.D

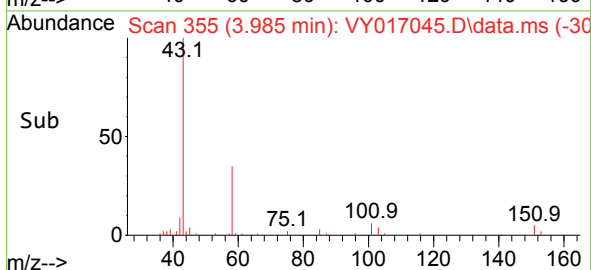
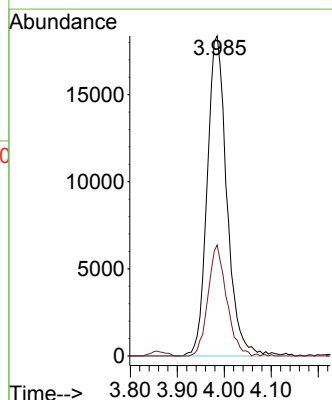
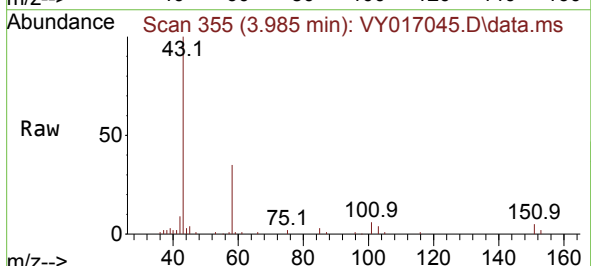
Acq: 19 Jan 2024 10:40

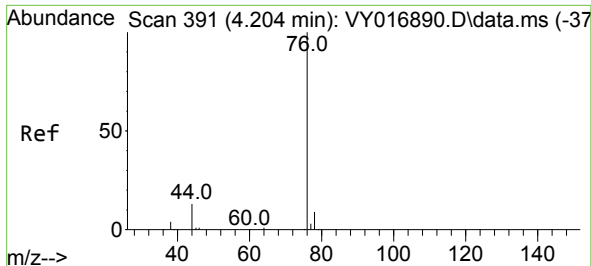
Tgt Ion: 43 Resp: 53300

Ion Ratio Lower Upper

43 100

58 34.7 26.6 39.8





#17

Carbon Disulfide

Concen: 12.738 ug/l

RT: 4.241 min Scan# 391

Delta R.T. 0.031 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

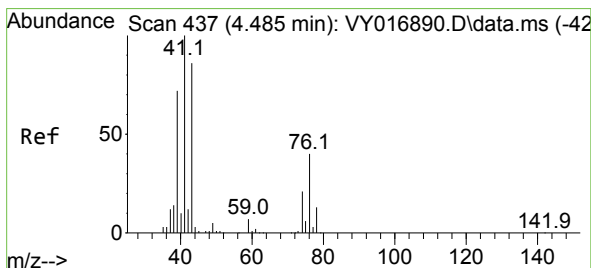
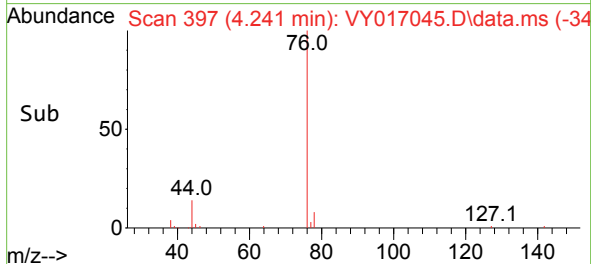
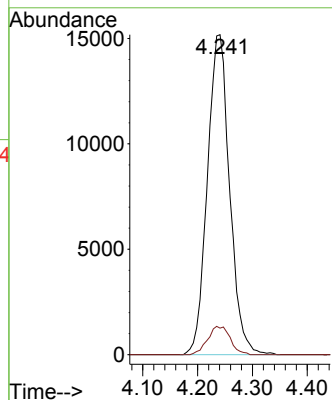
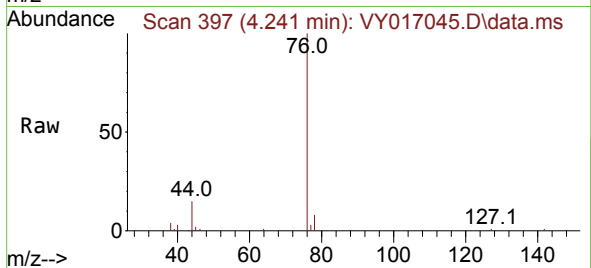
VY0119SBS01

Tgt Ion: 76 Resp: 42747

Ion Ratio Lower Upper

76 100

78 8.3 7.4 11.0



#18

Methyl Acetate

Concen: 18.694 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.024 min

Lab File: VY017045.D

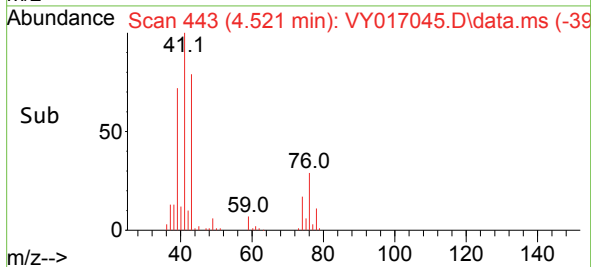
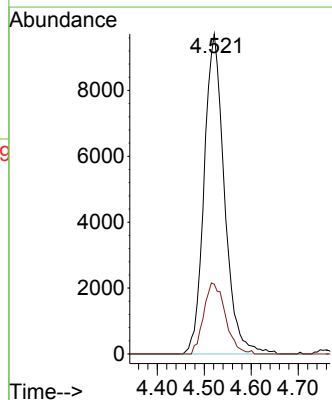
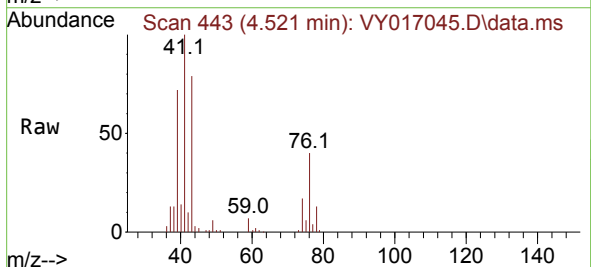
Acq: 19 Jan 2024 10:40

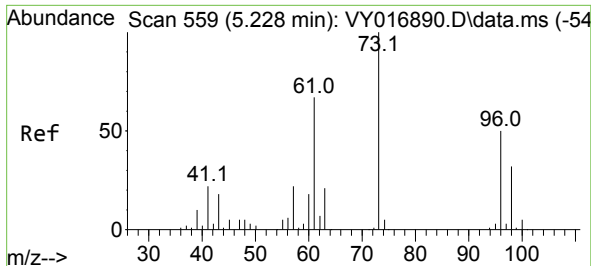
Tgt Ion: 43 Resp: 29190

Ion Ratio Lower Upper

43 100

74 23.7 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 21.018 ug/l

RT: 5.265 min Scan# 5

Delta R.T. 0.031 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

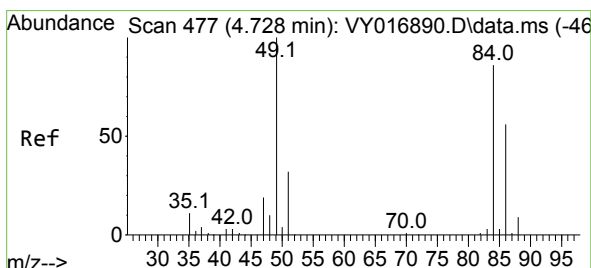
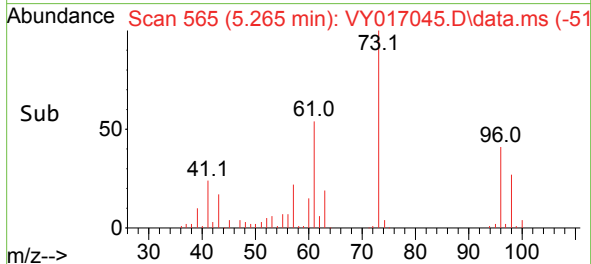
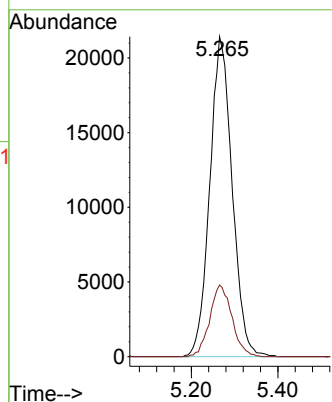
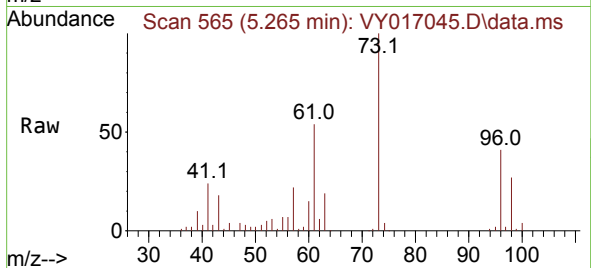
VY0119SBS01

Tgt Ion: 73 Resp: 76801

Ion Ratio Lower Upper

73 100

57 22.4 17.7 26.5



#20

Methylene Chloride

Concen: 13.273 ug/l

RT: 4.765 min Scan# 483

Delta R.T. 0.031 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Tgt Ion: 84 Resp: 35541

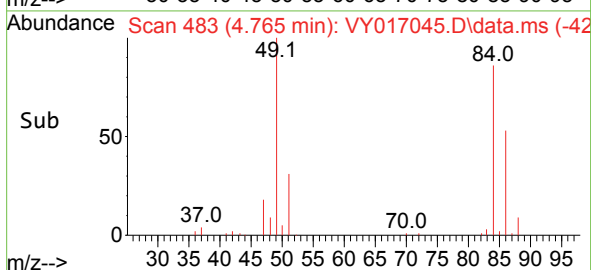
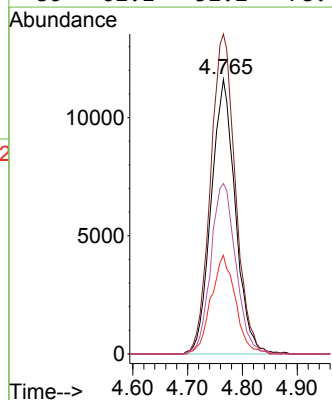
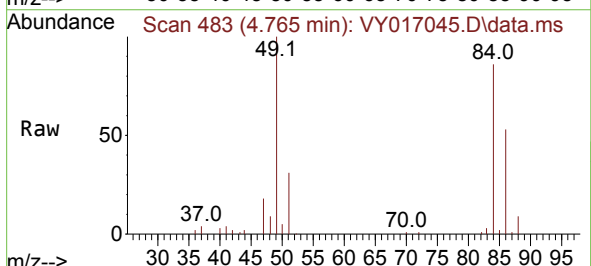
Ion Ratio Lower Upper

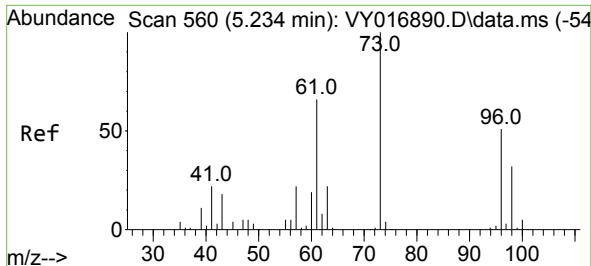
84 100

49 116.5 95.2 142.8

51 35.9 29.9 44.9

86 62.1 52.2 78.4

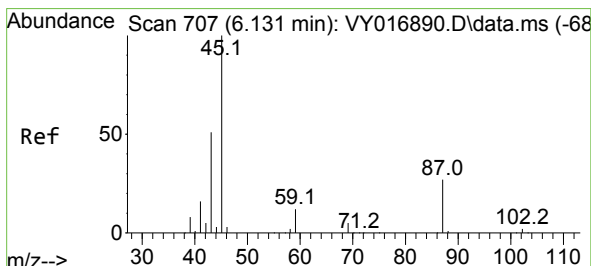
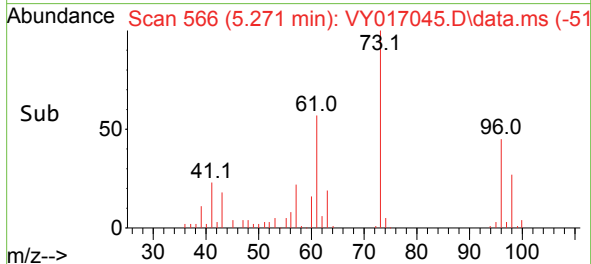
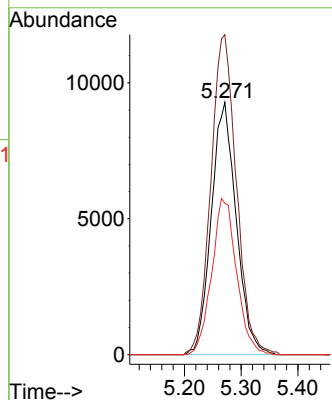
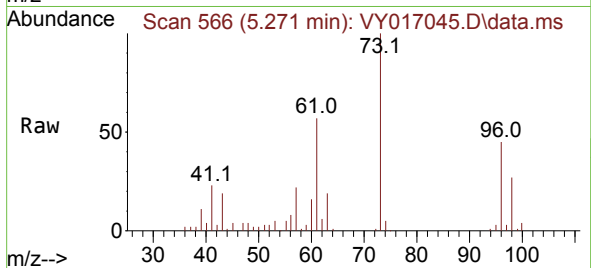




#21
trans-1,2-Dichloroethene
Concen: 17.672 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

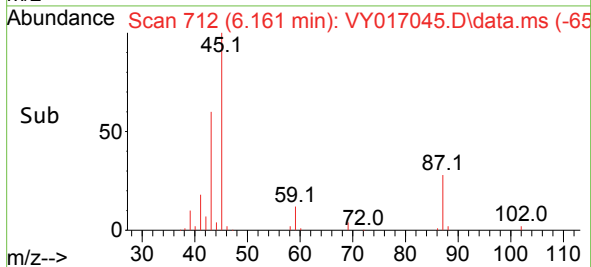
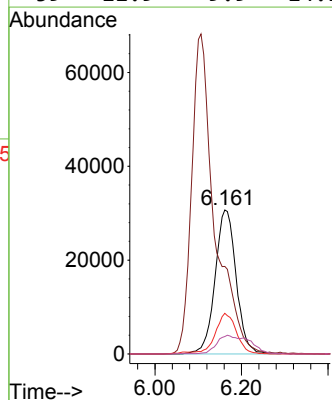
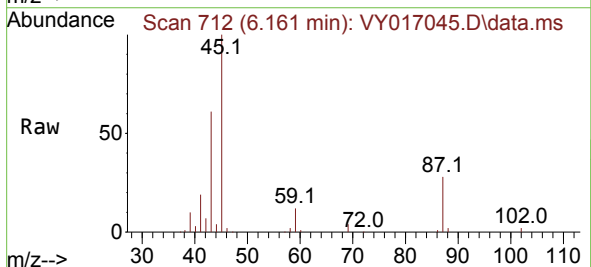
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

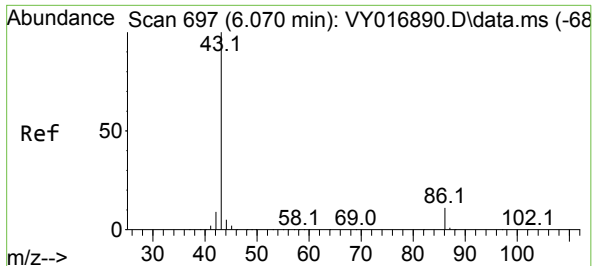
Tgt Ion: 96 Resp: 28427
Ion Ratio Lower Upper
96 100
61 126.8 104.6 156.8
98 60.0 50.9 76.3



#22
Diisopropyl ether
Concen: 20.233 ug/l
RT: 6.161 min Scan# 712
Delta R.T. 0.030 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion: 45 Resp: 103864
Ion Ratio Lower Upper
45 100
43 59.6 46.8 70.2
87 28.2 22.2 33.2
59 11.9 9.9 14.9

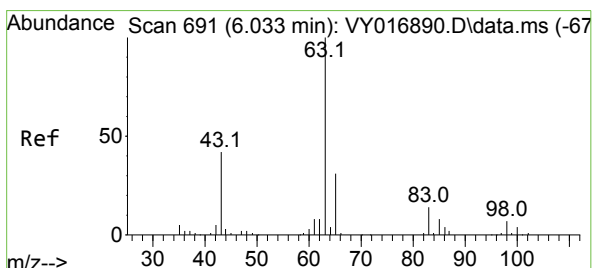
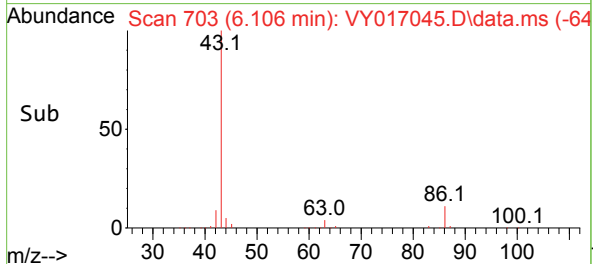
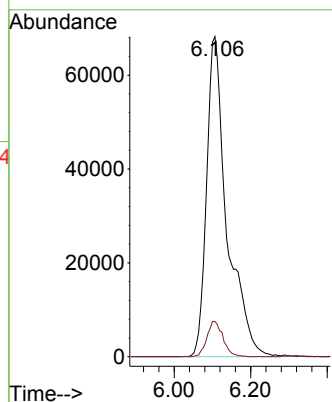
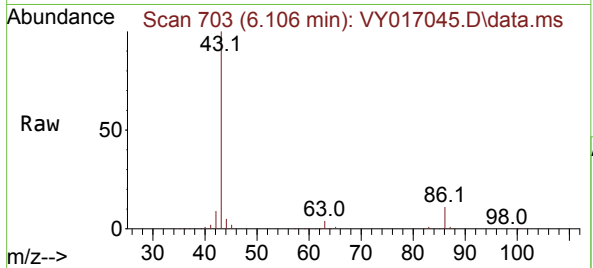




#23
 Vinyl Acetate
 Concen: 107.097 ug/l
 RT: 6.106 min Scan# 703
 Delta R.T. 0.030 min
 Lab File: VY017045.D
 Acq: 19 Jan 2024 10:40

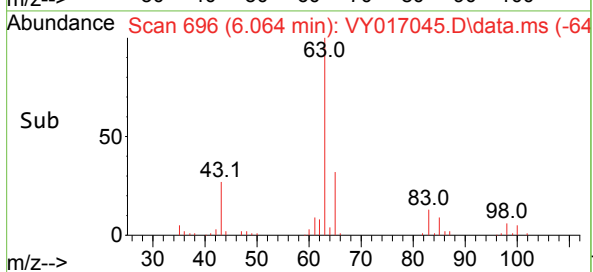
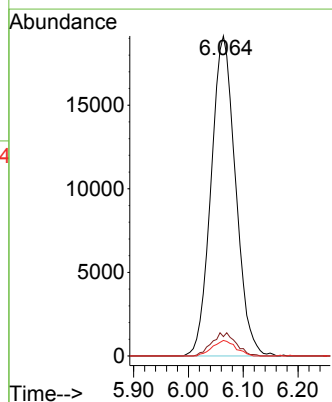
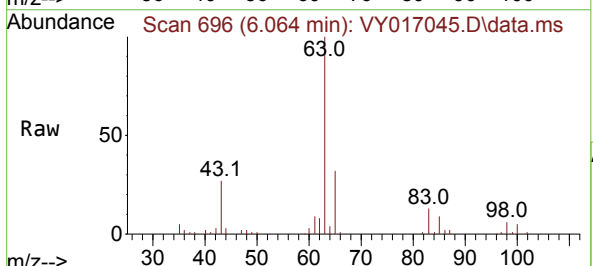
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0119SBS01

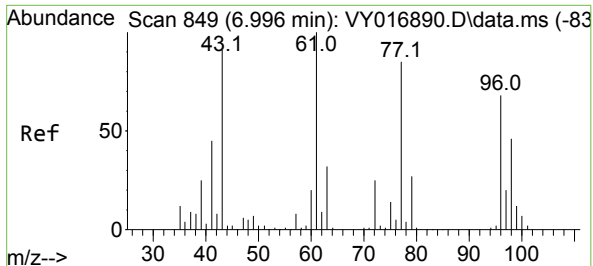
Tgt Ion: 43 Resp: 252081
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 19.238 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.031 min
 Lab File: VY017045.D
 Acq: 19 Jan 2024 10:40

Tgt Ion: 63 Resp: 59346
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.8 11.4
 100 4.8 2.1 6.2





#25

2-Butanone

Concen: 124.935 ug/l

RT: 7.021 min Scan# 8

Delta R.T. 0.025 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

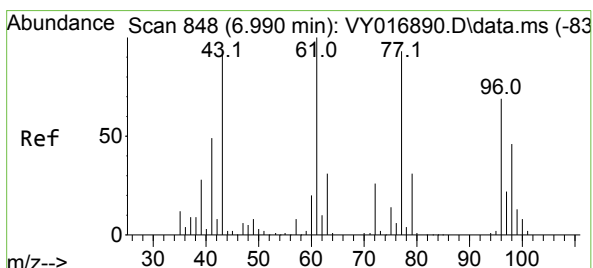
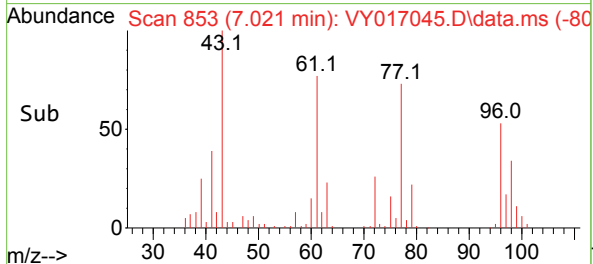
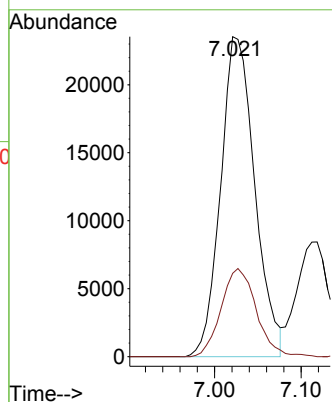
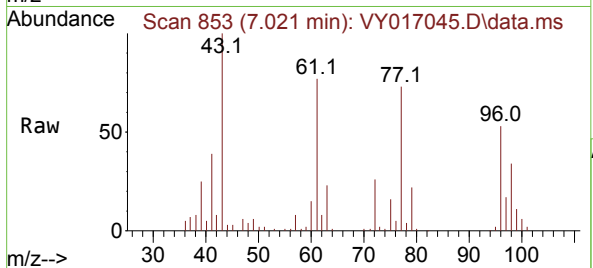
VY0119SBS01

Tgt Ion: 43 Resp: 64552

Ion Ratio Lower Upper

43 100

72 26.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.588 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY017045.D

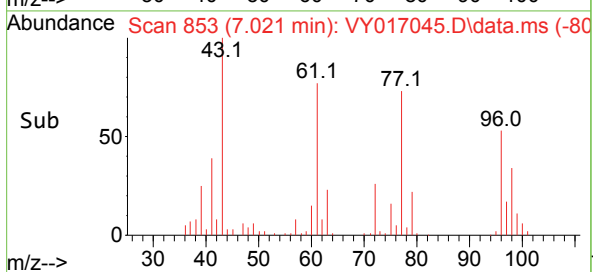
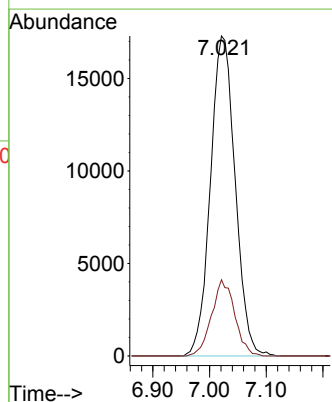
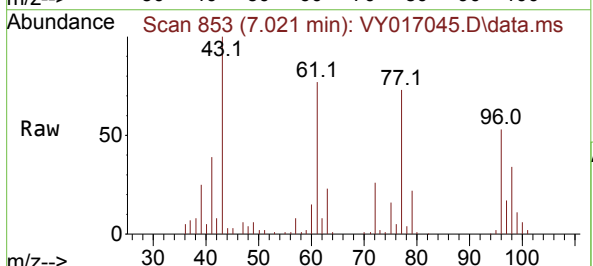
Acq: 19 Jan 2024 10:40

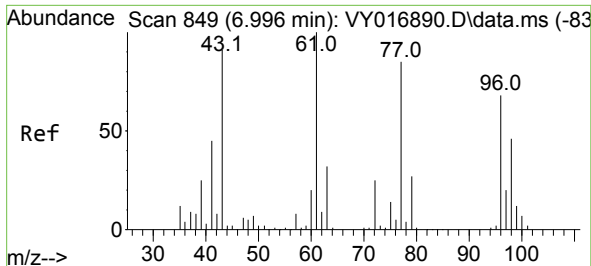
Tgt Ion: 77 Resp: 52392

Ion Ratio Lower Upper

77 100

97 22.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.430 ug/l

RT: 7.027 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

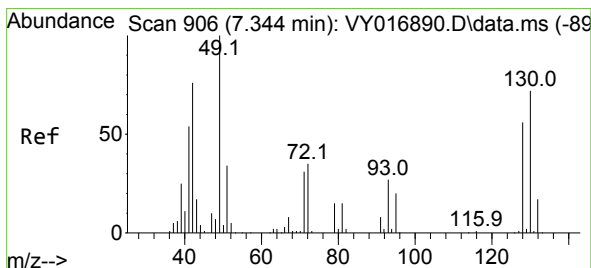
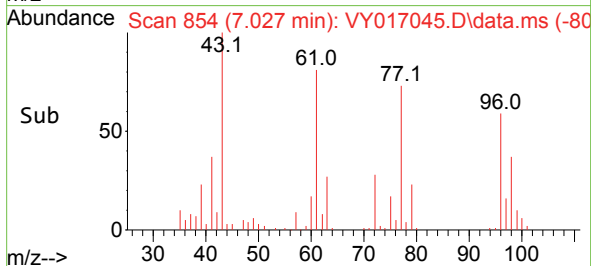
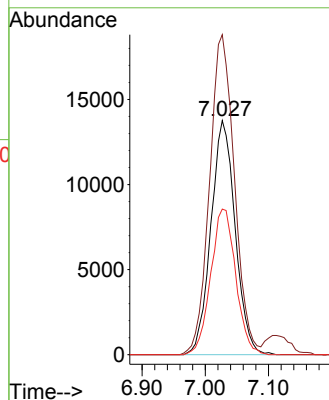
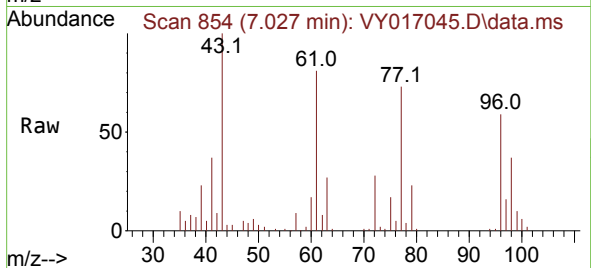
Tgt Ion: 96 Resp: 36639

Ion Ratio Lower Upper

96 100

61 140.4 0.0 278.8

98 64.1 0.0 127.0



#28

Bromochloromethane

Concen: 18.466 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

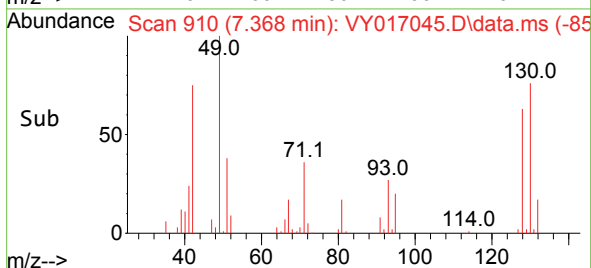
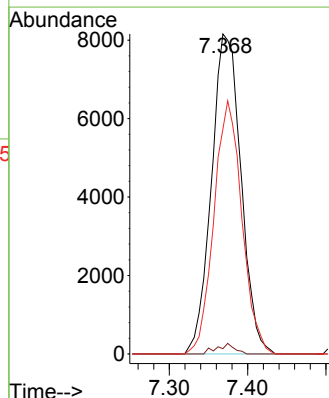
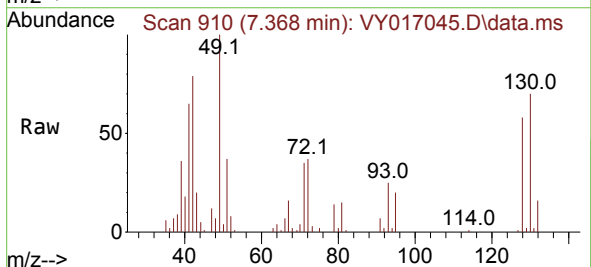
Tgt Ion: 49 Resp: 21385

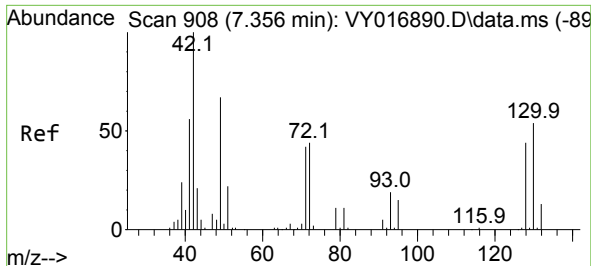
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 74.7 59.8 89.8





#29

Tetrahydrofuran

Concen: 108.534 ug/l

RT: 7.387 min Scan# 913

Delta R.T. 0.025 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

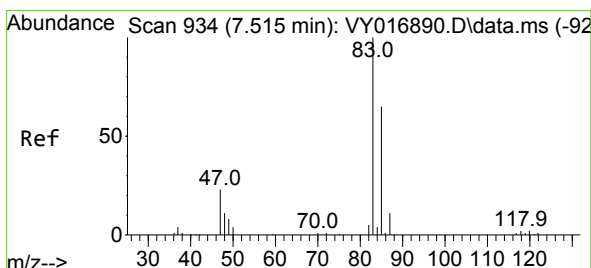
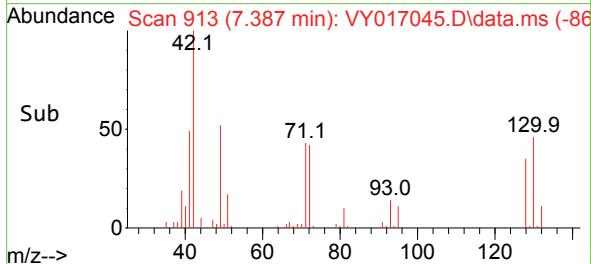
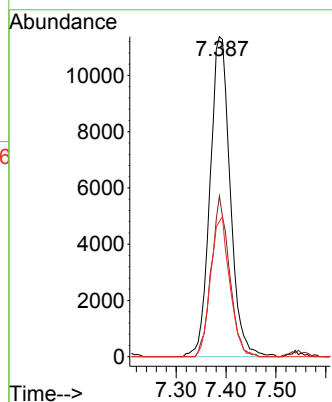
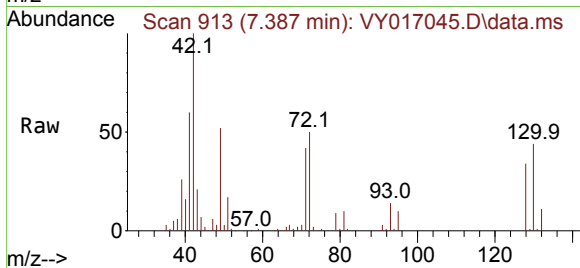
Tgt Ion: 42 Resp: 32016

Ion Ratio Lower Upper

42 100

72 44.8 36.6 54.8

71 41.6 33.8 50.6



#30

Chloroform

Concen: 20.203 ug/l

RT: 7.545 min Scan# 939

Delta R.T. 0.024 min

Lab File: VY017045.D

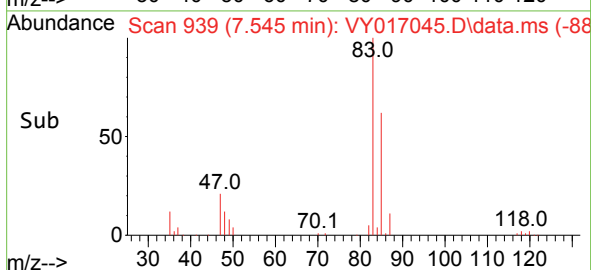
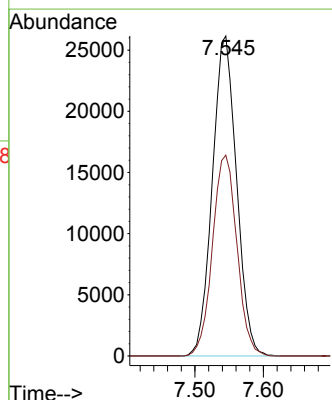
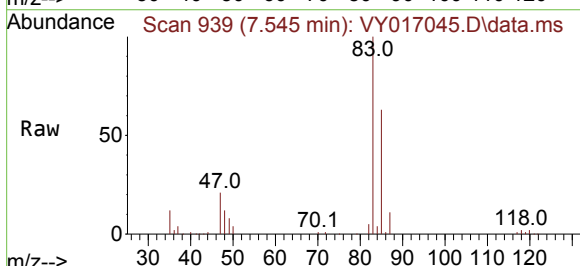
Acq: 19 Jan 2024 10:40

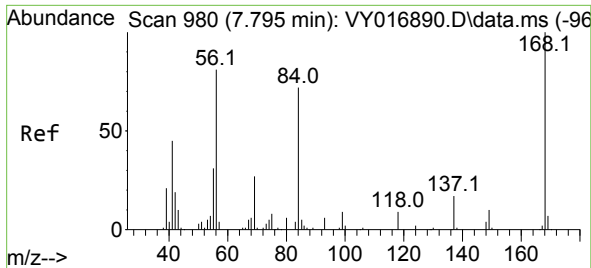
Tgt Ion: 83 Resp: 64224

Ion Ratio Lower Upper

83 100

85 62.8 51.2 76.8

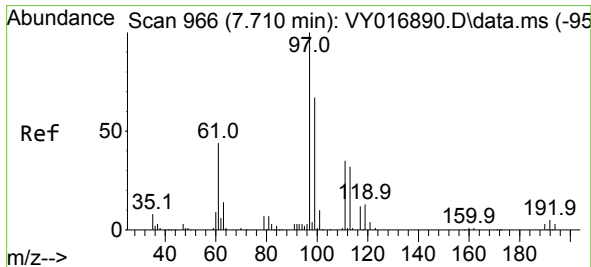
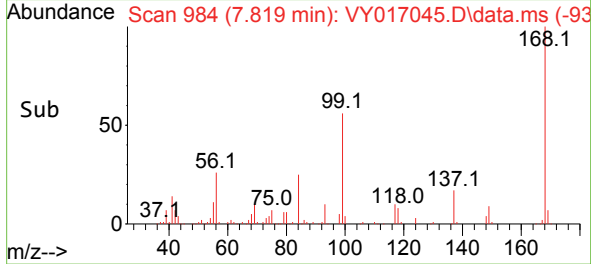
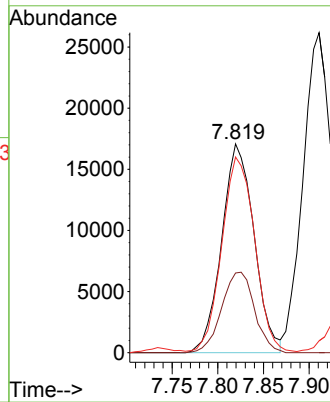
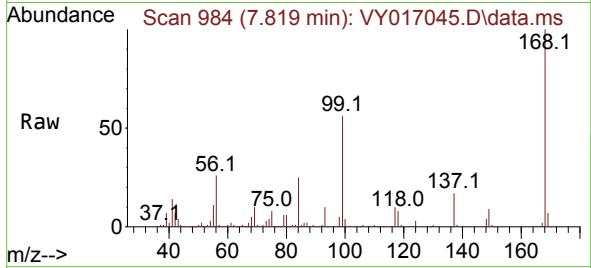




#31
Cyclohexane
Concen: 16.841 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

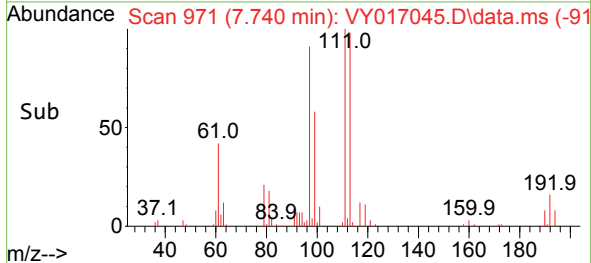
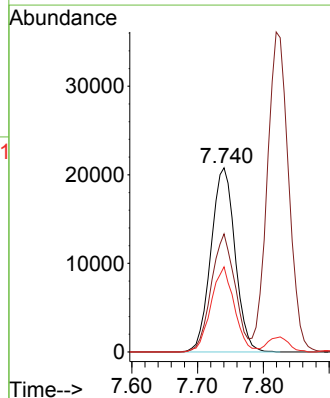
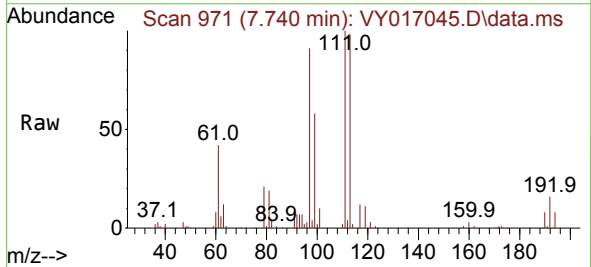
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

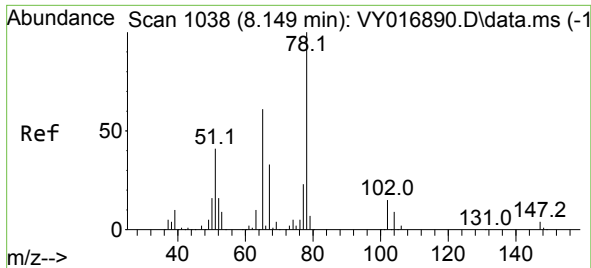
Tgt Ion: 56 Resp: 42127
Ion Ratio Lower Upper
56 100
69 38.2 27.0 40.6
84 92.6 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.626 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.024 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion: 97 Resp: 52900
Ion Ratio Lower Upper
97 100
99 63.0 51.2 76.8
61 45.2 35.0 52.6

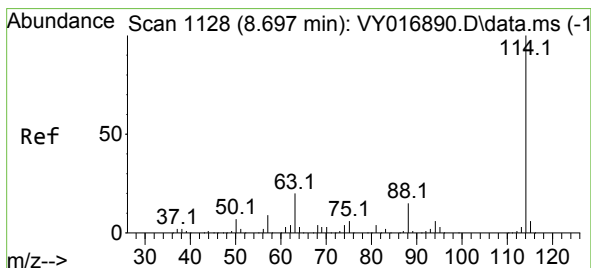
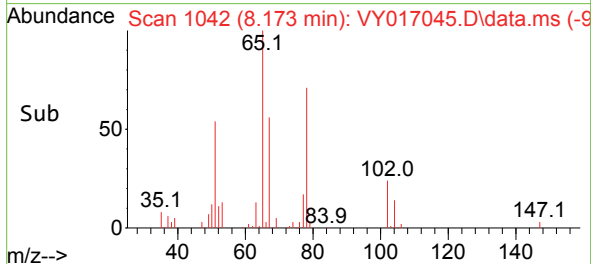
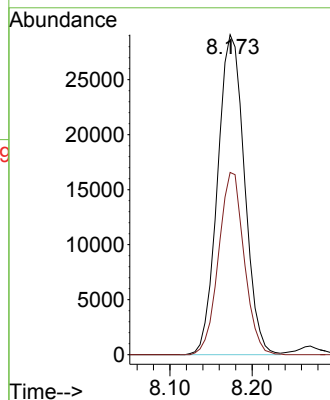
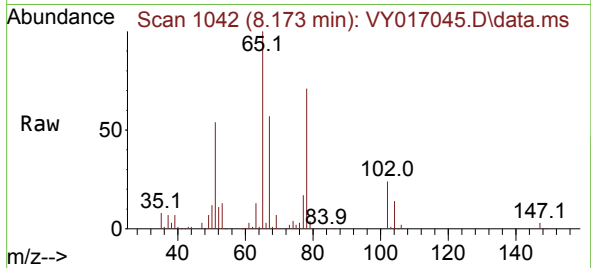




#33
 1,2-Dichloroethane-d4
 Concen: 45.456 ug/l
 RT: 8.173 min Scan# 110
 Delta R.T. 0.018 min
 Lab File: VY017045.D
 Acq: 19 Jan 2024 10:40

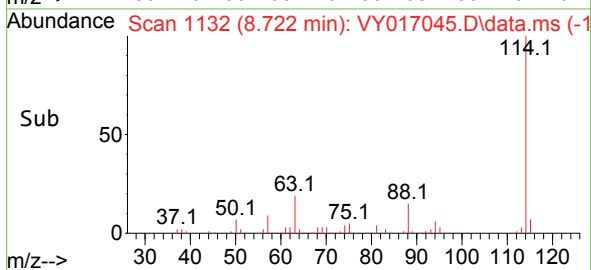
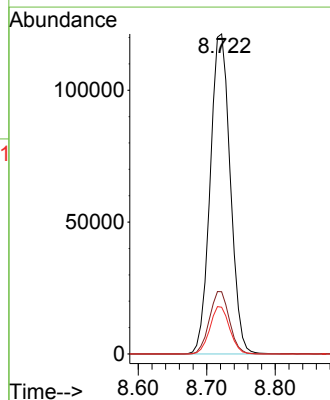
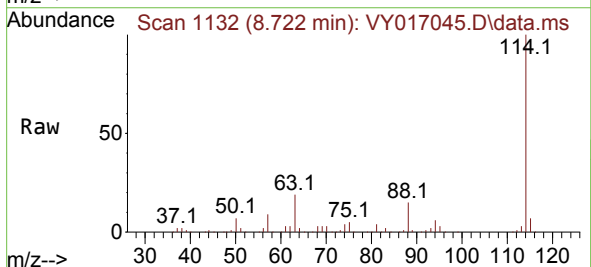
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0119SBS01

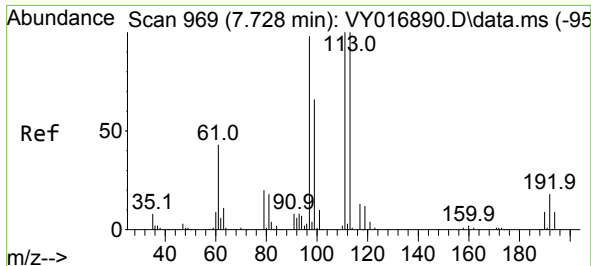
Tgt Ion: 65 Resp: 66250
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.722 min Scan# 1132
 Delta R.T. 0.019 min
 Lab File: VY017045.D
 Acq: 19 Jan 2024 10:40

Tgt Ion: 114 Resp: 246939
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.4
 88 14.6 0.0 29.0

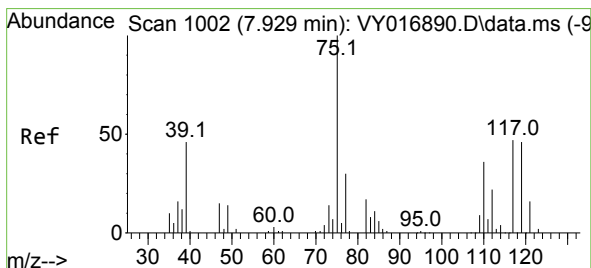
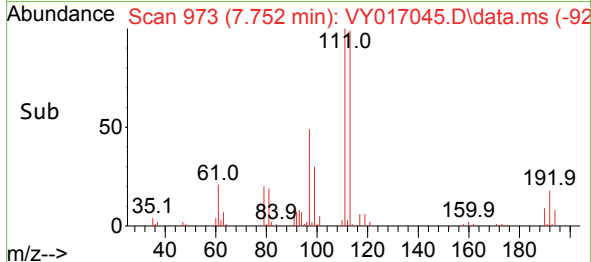
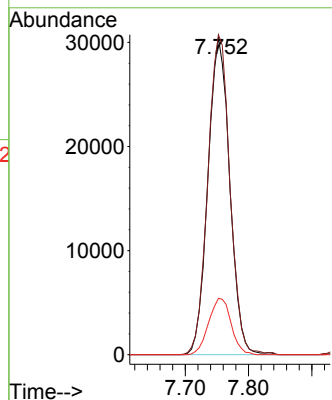
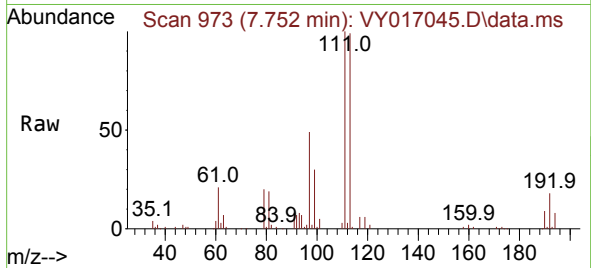




#35
Dibromofluoromethane
Concen: 46.273 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

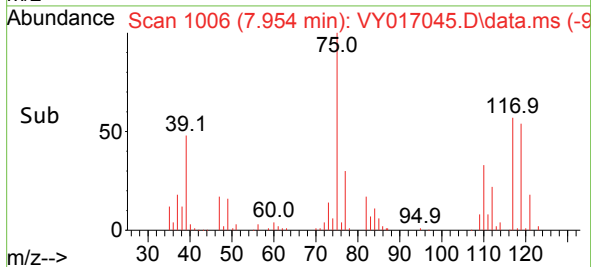
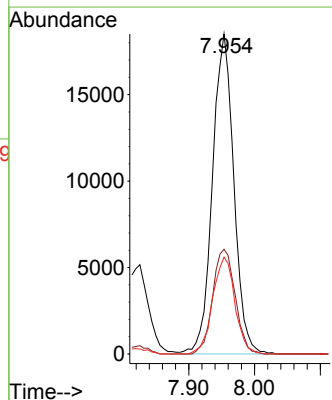
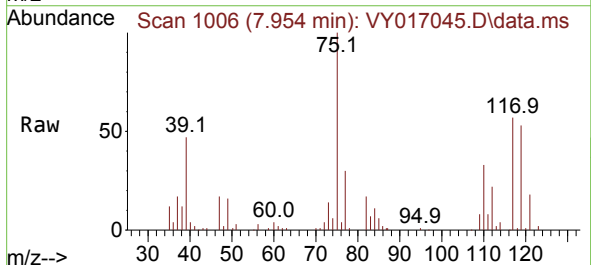
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

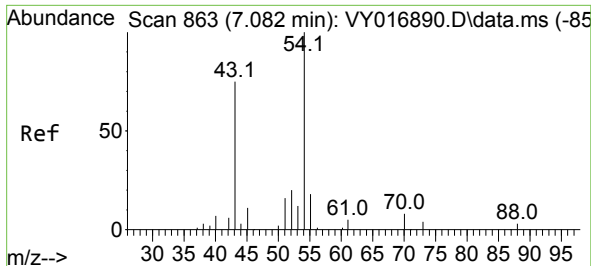
Tgt Ion:113 Resp: 72814
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 18.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 18.262 ug/l
RT: 7.954 min Scan# 1006
Delta R.T. 0.025 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion: 75 Resp: 41880
Ion Ratio Lower Upper
75 100
110 34.4 17.4 52.3
77 31.4 24.7 37.1





#37

Ethyl Acetate

Concen: 22.585 ug/l

RT: 7.118 min Scan# 80

Delta R.T. 0.030 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

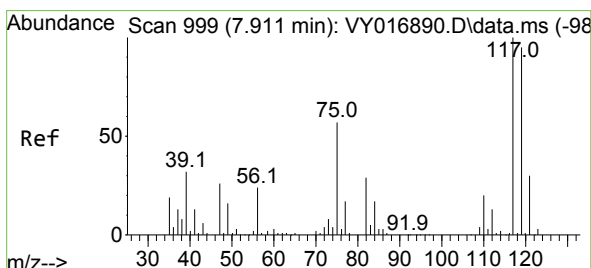
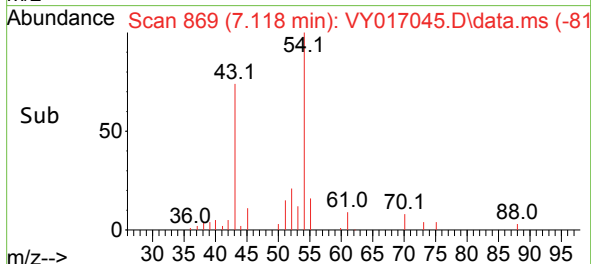
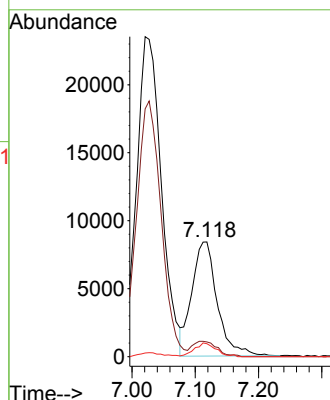
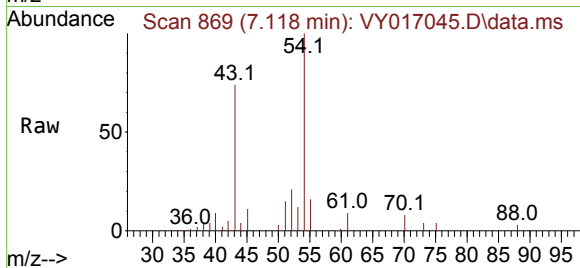
Tgt Ion: 43 Resp: 23537

Ion Ratio Lower Upper

43 100

61 13.0 11.0 16.6

70 10.2 8.1 12.1



#38

Carbon Tetrachloride

Concen: 19.153 ug/l

RT: 7.935 min Scan# 1003

Delta R.T. 0.018 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

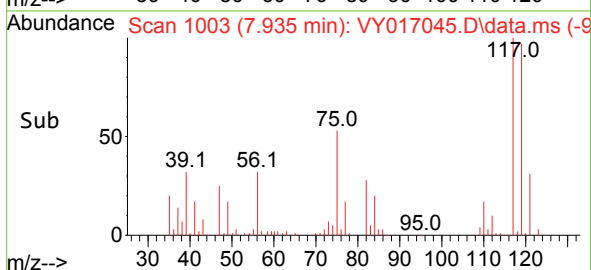
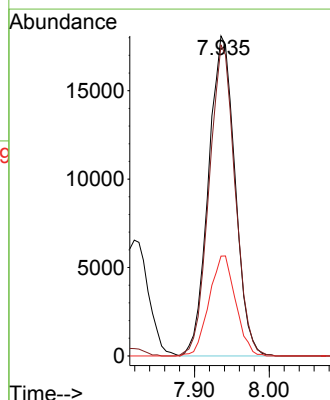
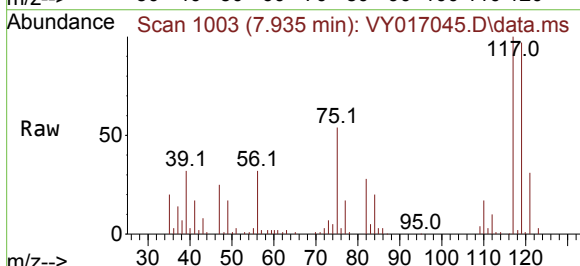
Tgt Ion: 117 Resp: 44625

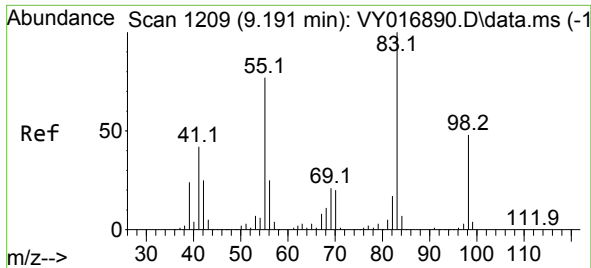
Ion Ratio Lower Upper

117 100

119 97.1 76.0 114.0

121 31.2 24.2 36.2

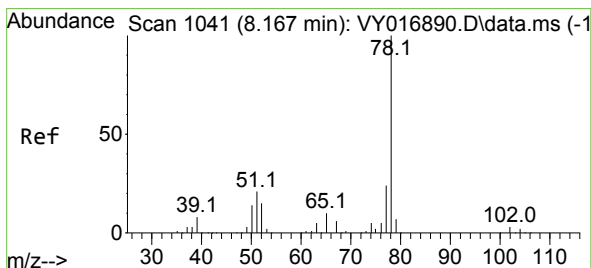
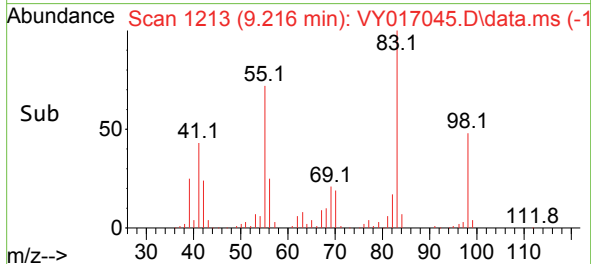
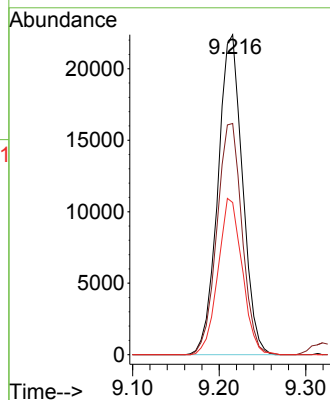
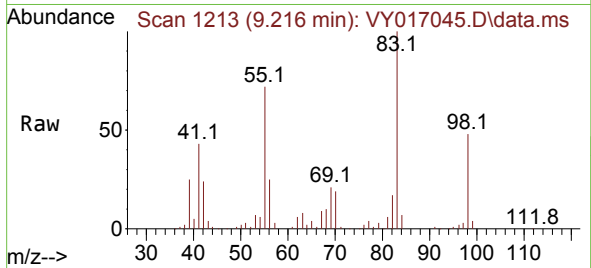




#39
Methylcyclohexane
Concen: 17.117 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

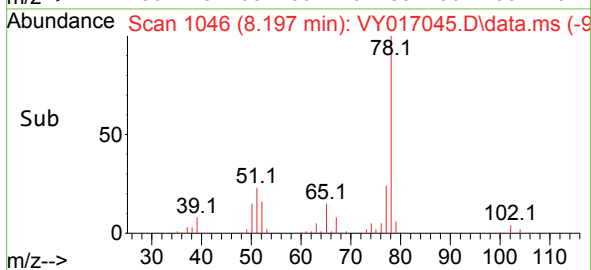
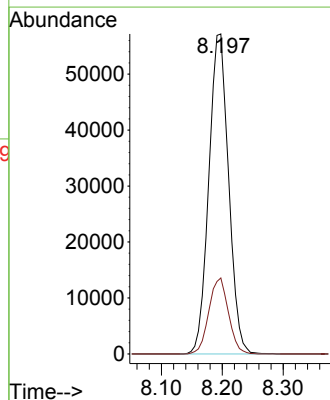
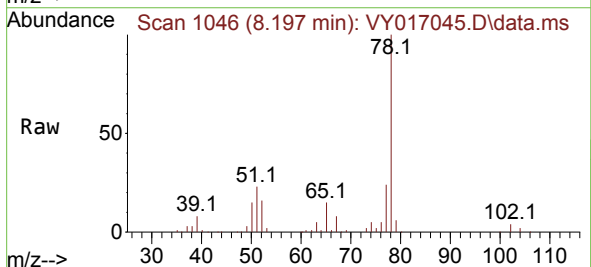
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

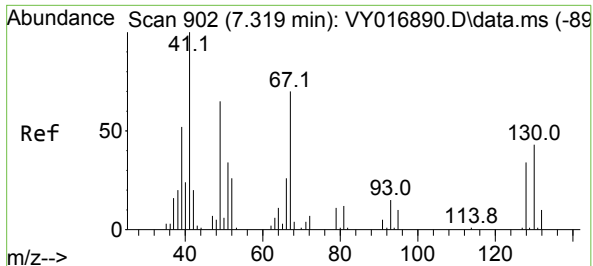
Tgt Ion: 83 Resp: 44128
Ion Ratio Lower Upper
83 100
55 72.3 59.7 89.5
98 47.6 38.0 57.0



#40
Benzene
Concen: 18.730 ug/l
RT: 8.197 min Scan# 1046
Delta R.T. 0.024 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion: 78 Resp: 128850
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

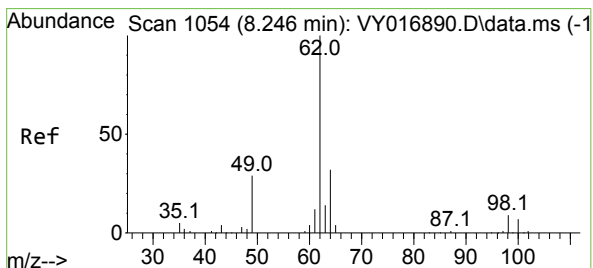
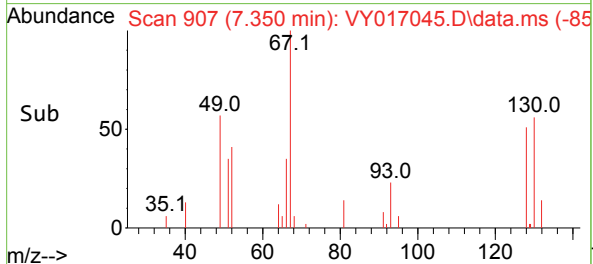
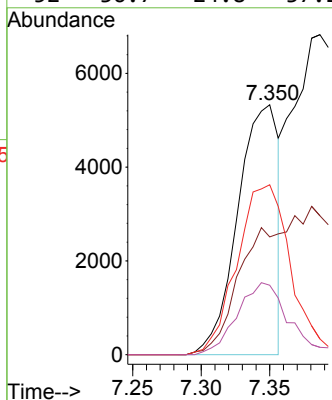
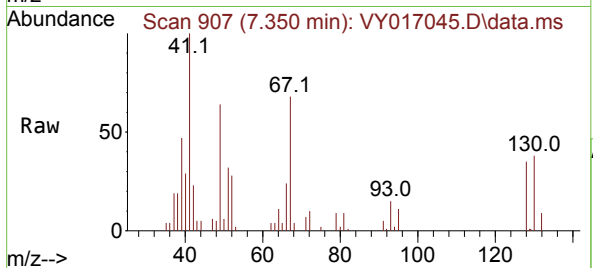




#41
Methacrylonitrile
Concen: 20.156 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

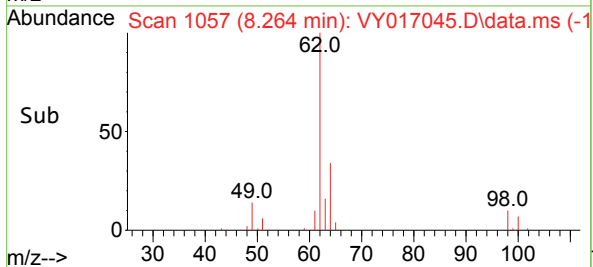
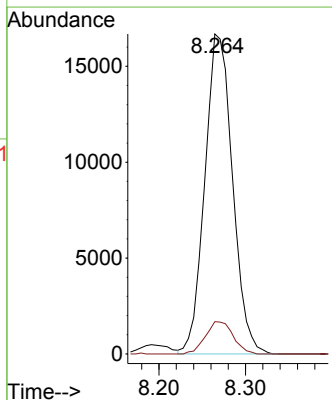
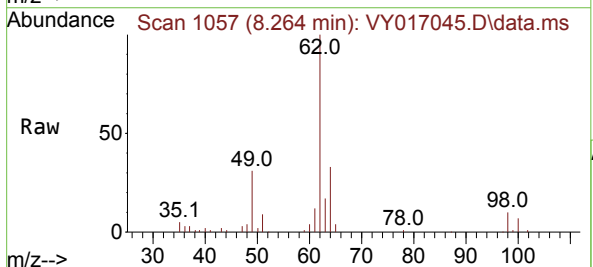
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

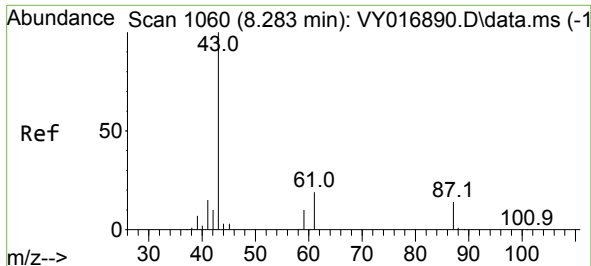
Tgt Ion:	41	Resp:	11063
Ion	Ratio	Lower	Upper
41	100		
39	0.0	41.9	62.9#
67	89.9	59.8	89.6#
52	36.7	24.8	37.2



#42
1,2-Dichloroethane
Concen: 20.315 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion:	62	Resp:	37101
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

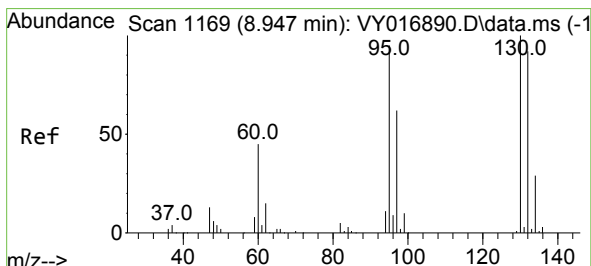
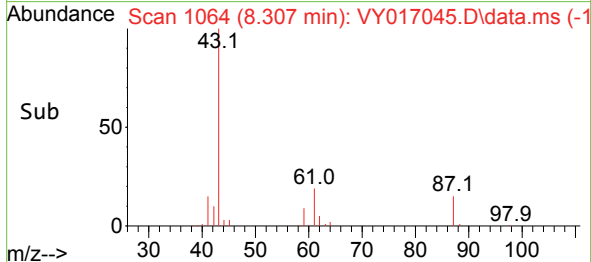
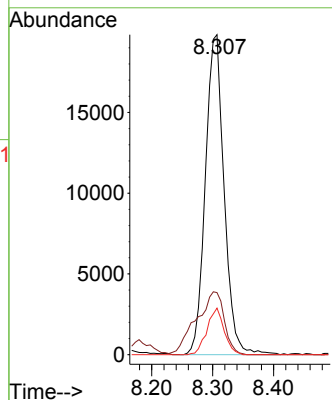
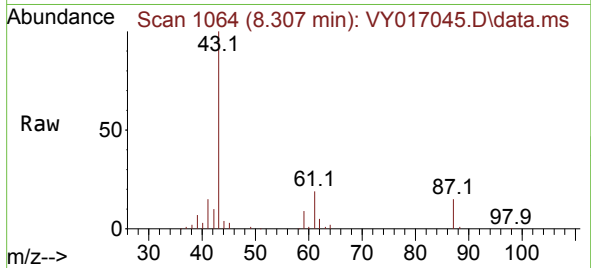




#43
Isopropyl Acetate
Concen: 21.261 ug/l
RT: 8.307 min Scan# 1172
Delta R.T. 0.024 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

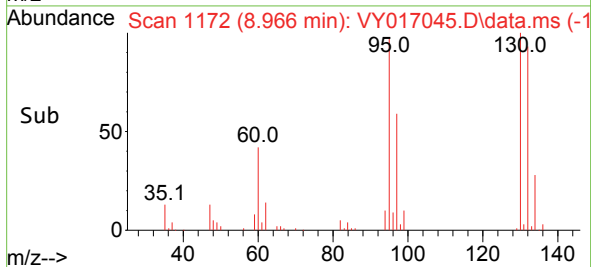
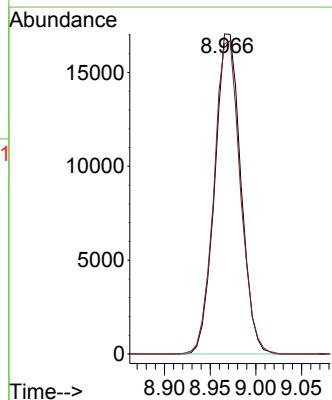
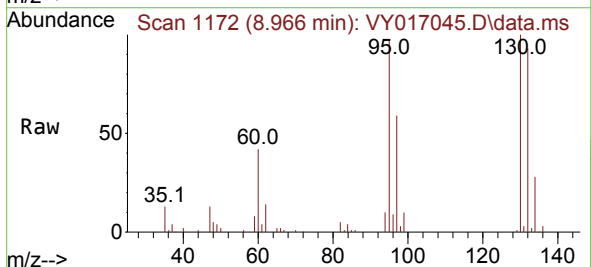
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

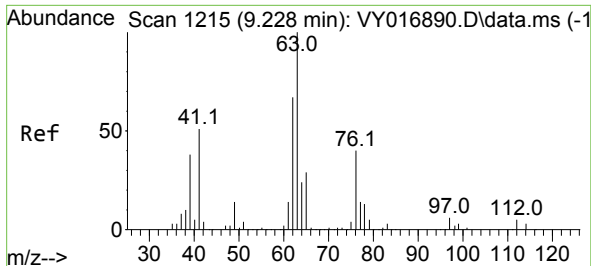
Tgt Ion: 43 Resp: 42431
Ion Ratio Lower Upper
43 100
61 29.2 24.8 37.2
87 13.3 10.7 16.1



#44
Trichloroethene
Concen: 19.270 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.019 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion:130 Resp: 33732
Ion Ratio Lower Upper
130 100
95 96.9 0.0 203.8

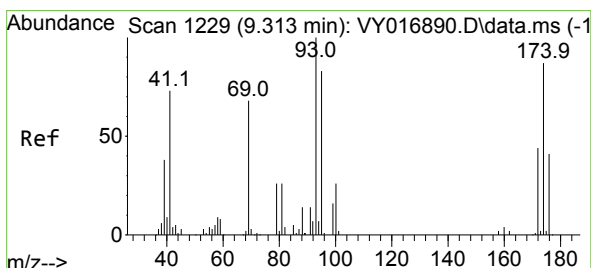
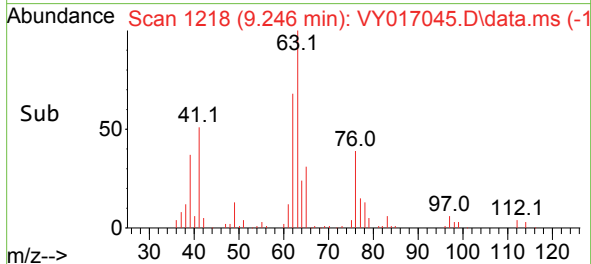
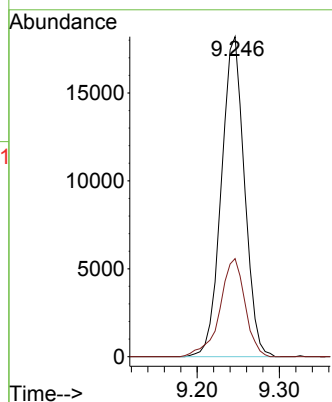
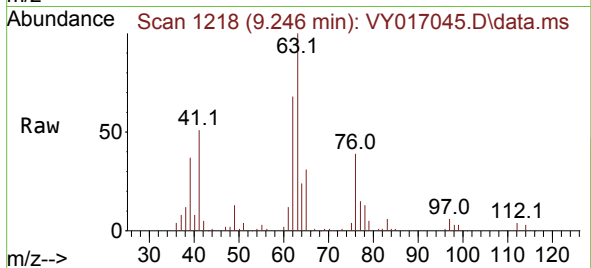




#45
1,2-Dichloropropane
Concen: 20.045 ug/l
RT: 9.246 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

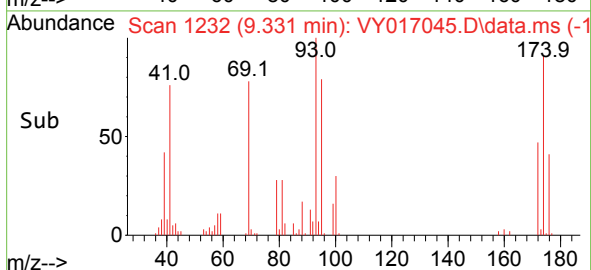
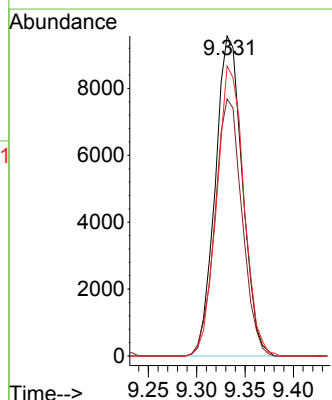
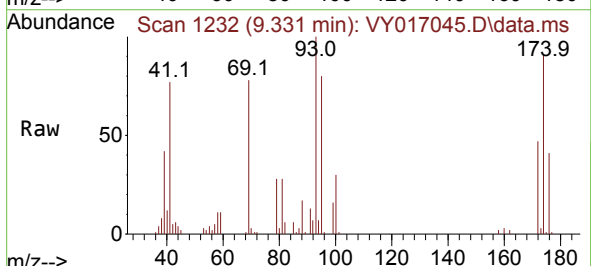
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

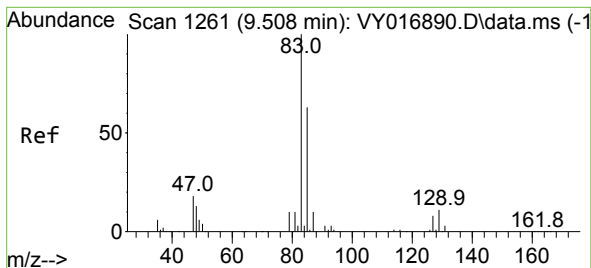
Tgt Ion: 63 Resp: 35525
Ion Ratio Lower Upper
63 100
65 30.7 24.6 36.8



#46
Dibromomethane
Concen: 20.599 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.018 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion: 93 Resp: 18619
Ion Ratio Lower Upper
93 100
95 80.4 66.6 99.8
174 90.9 73.8 110.6





#47

Bromodichloromethane

Concen: 19.971 ug/l

RT: 9.520 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

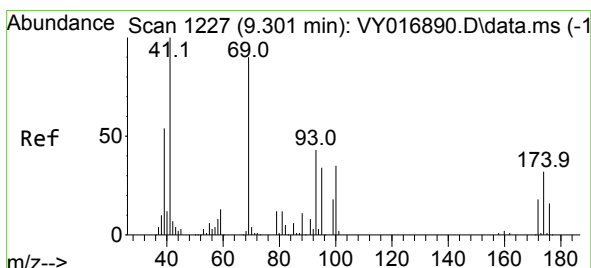
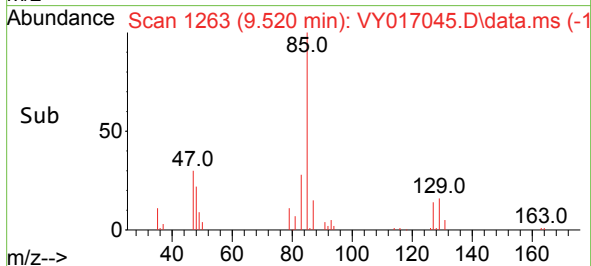
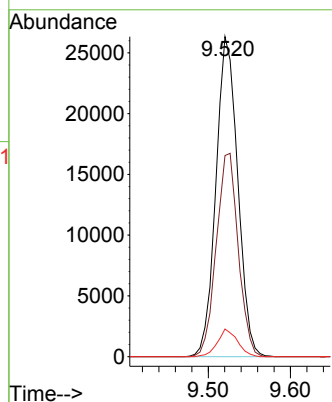
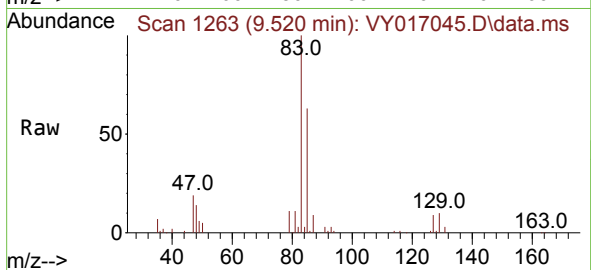
Tgt Ion: 83 Resp: 48473

Ion Ratio Lower Upper

83 100

85 62.8 53.2 79.8

127 8.7 6.4 9.6



#48

Methyl methacrylate

Concen: 20.485 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.018 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

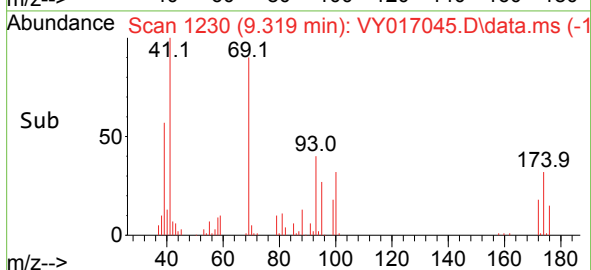
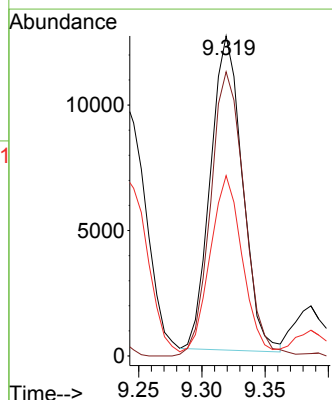
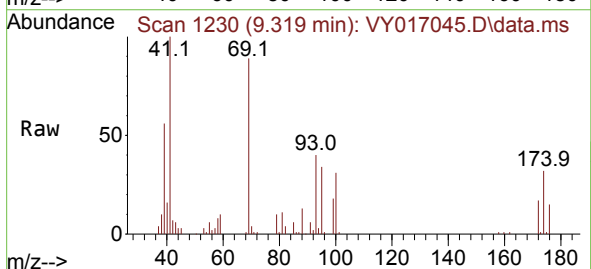
Tgt Ion: 41 Resp: 22063

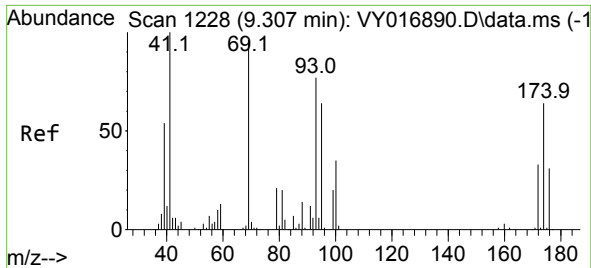
Ion Ratio Lower Upper

41 100

69 95.1 72.1 108.1

39 57.4 42.8 64.2

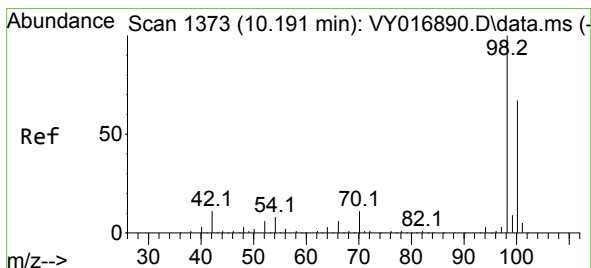
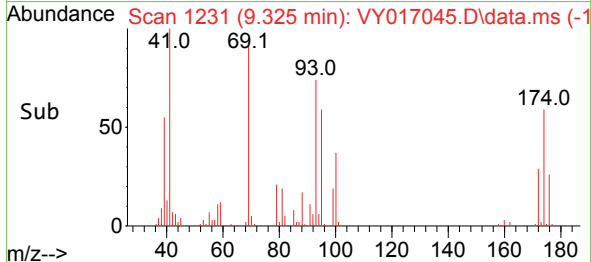
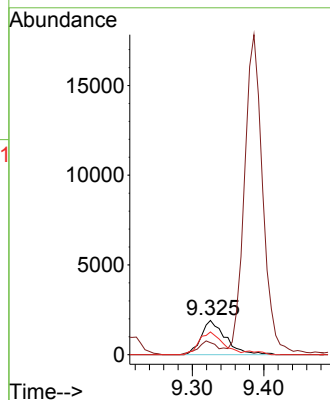
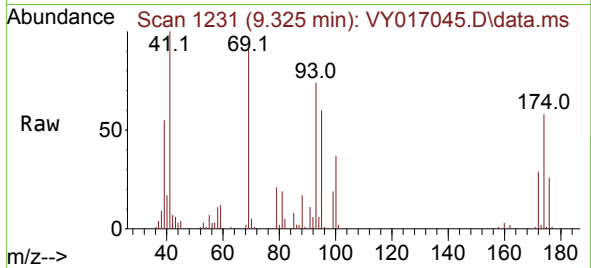




#49
1,4-Dioxane
Concen: 484.886 ug/l
RT: 9.325 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

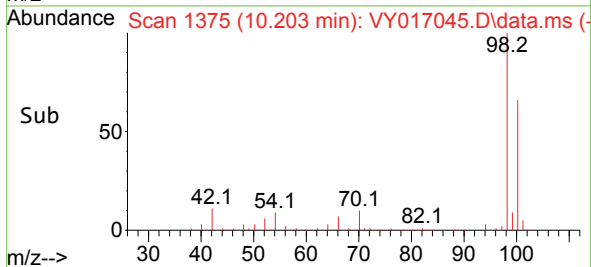
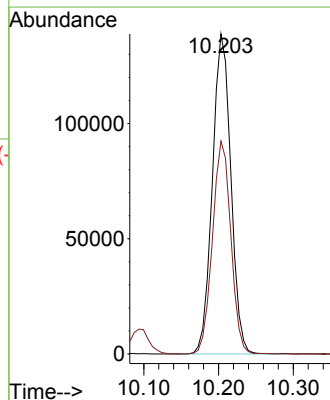
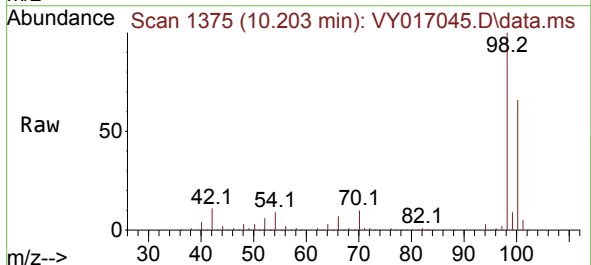
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

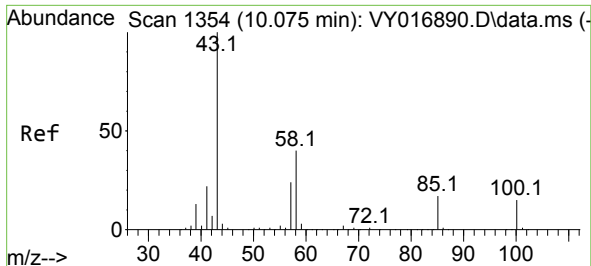
Tgt Ion: 88 Resp: 4538
Ion Ratio Lower Upper
88 100
43 29.4 28.2 42.4
58 63.9 52.2 78.2



#50
Toluene-d8
Concen: 43.982 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion: 98 Resp: 238324
Ion Ratio Lower Upper
98 100
100 66.2 52.3 78.5

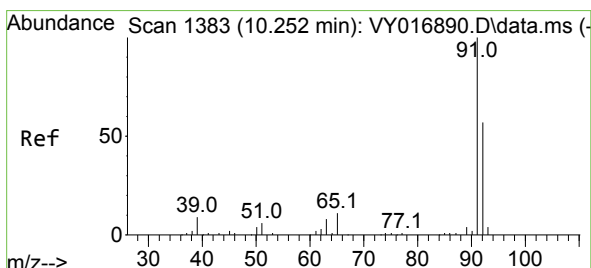
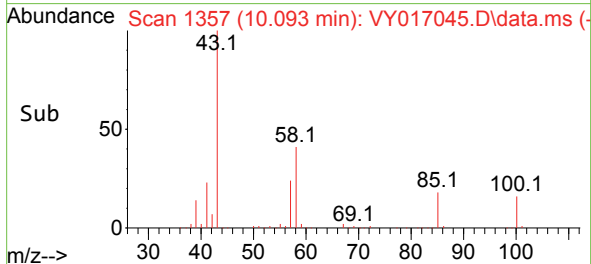
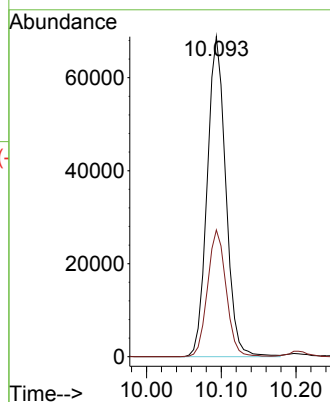
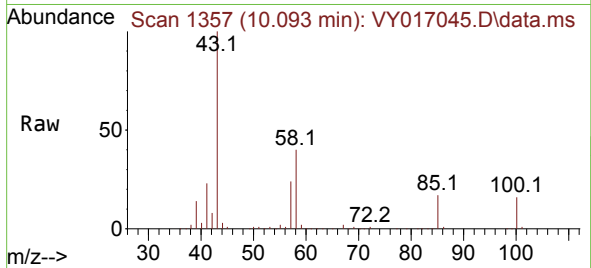




#51
4-Methyl-2-Pentanone
Concen: 112.124 ug/l
RT: 10.093 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

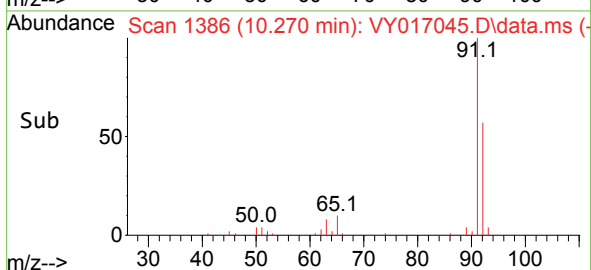
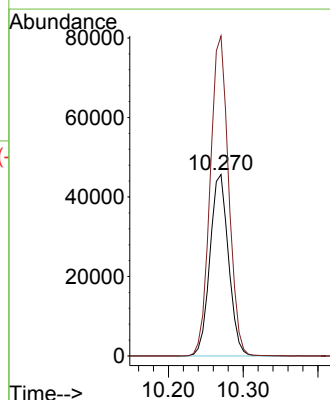
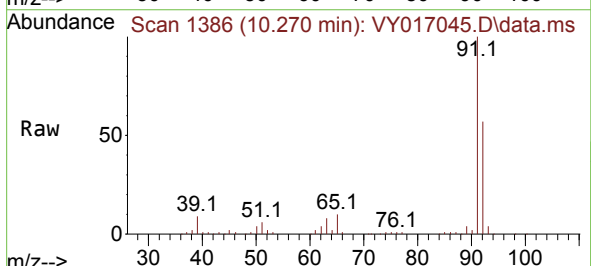
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

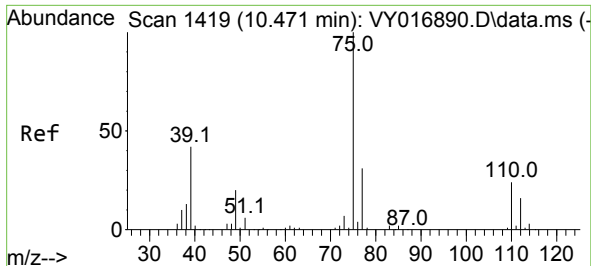
Tgt Ion: 43 Resp: 119004
Ion Ratio Lower Upper
43 100
58 39.7 32.2 48.2



#52
Toluene
Concen: 19.014 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion: 92 Resp: 78941
Ion Ratio Lower Upper
92 100
91 175.1 137.6 206.4

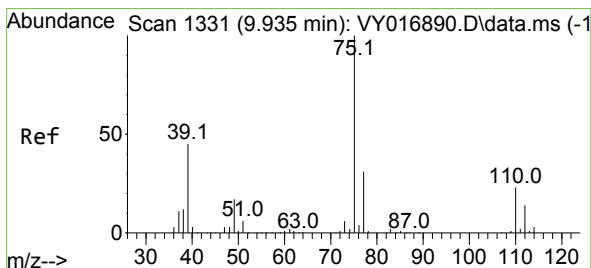
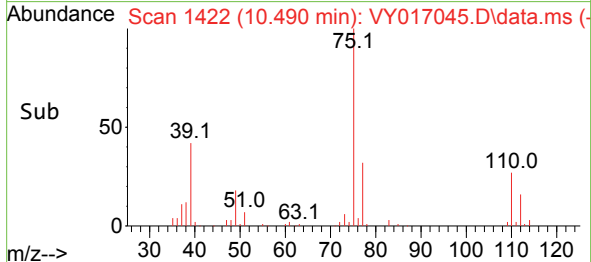
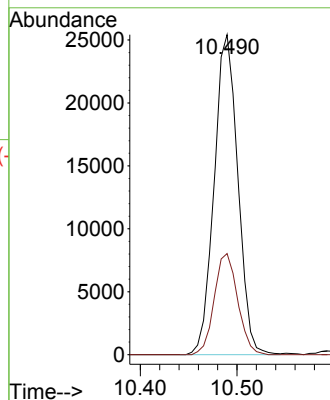
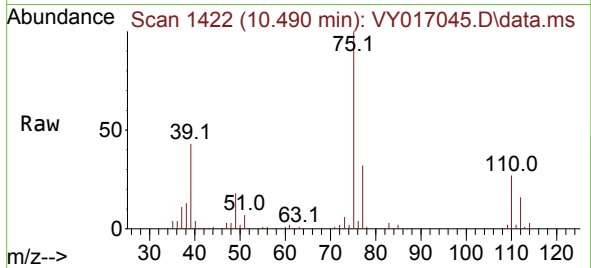




#53
t-1,3-Dichloropropene
Concen: 19.880 ug/l
RT: 10.490 min Scan# 1419
Delta R.T. 0.019 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

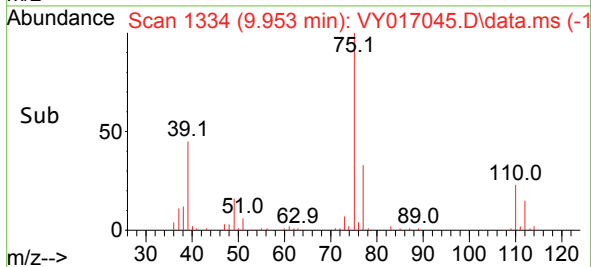
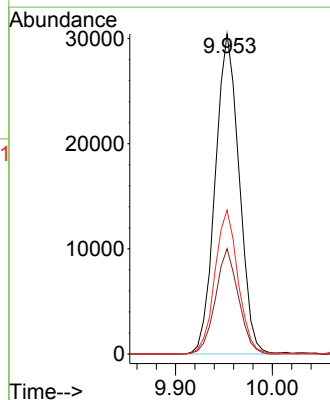
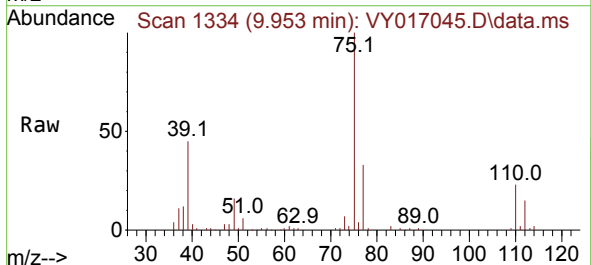
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

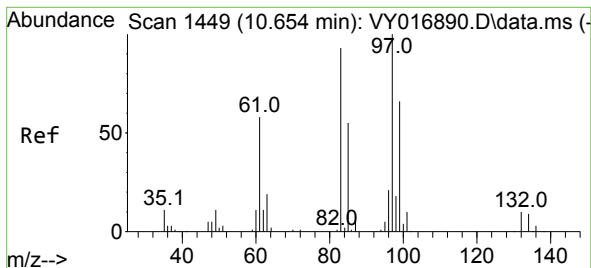
Tgt Ion: 75 Resp: 43220
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8



#54
cis-1,3-Dichloropropene
Concen: 19.972 ug/l
RT: 9.953 min Scan# 1334
Delta R.T. 0.012 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion: 75 Resp: 52146
Ion Ratio Lower Upper
75 100
77 32.9 24.6 36.8
39 45.0 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 21.013 ug/l

RT: 10.666 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY017045.D

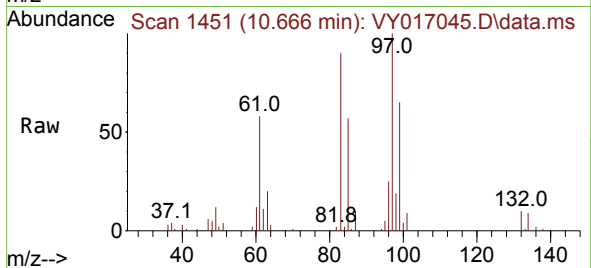
Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01



Tgt Ion: 97 Resp: 27747

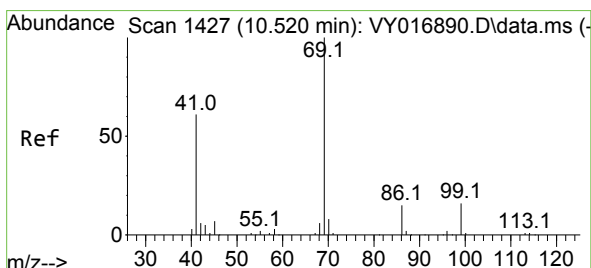
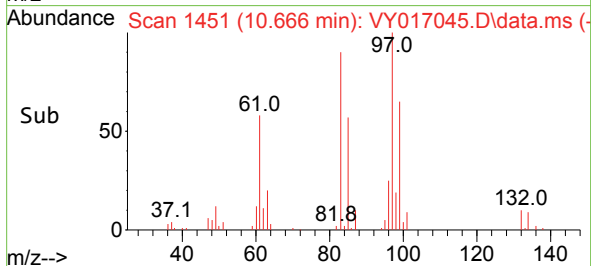
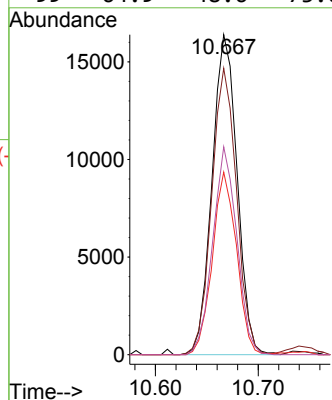
Ion	Ratio	Lower	Upper
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97	100		
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83	89.5	69.4	104.2
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85	57.0	43.9	65.9
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99	64.9	48.6	73.0
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#56

Ethyl methacrylate

Concen: 20.959 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

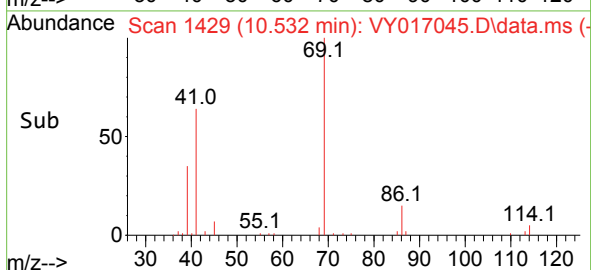
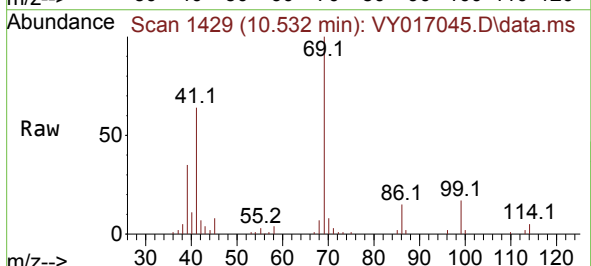
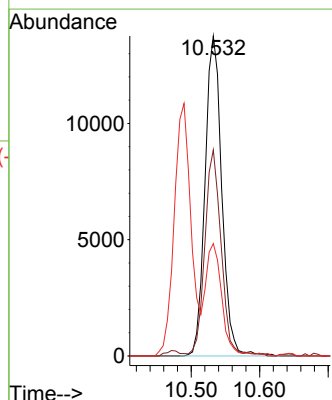
Tgt Ion: 69 Resp: 23442

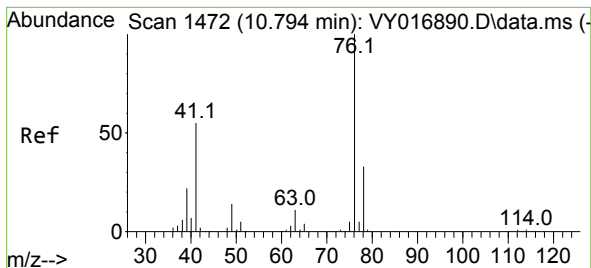
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

69	100		
----	-----	--	--

41	62.8	49.2	73.8
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39	32.3	26.8	40.2
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#57

1,3-Dichloropropane

Concen: 21.340 ug/l

RT: 10.813 min Scan# 1475

Delta R.T. 0.013 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

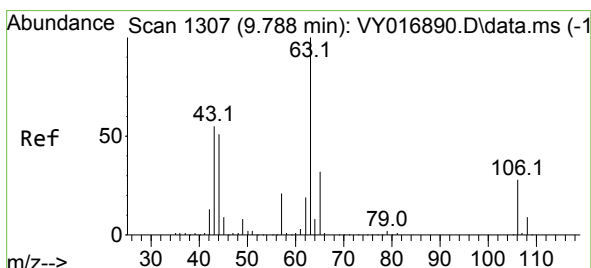
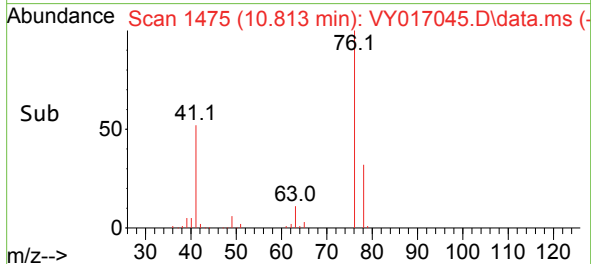
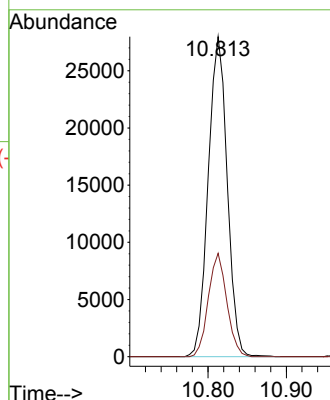
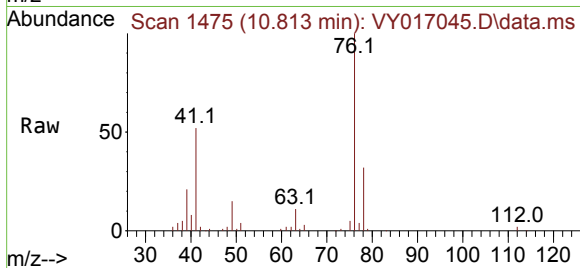
VY0119SBS01

Tgt Ion: 76 Resp: 47048

Ion Ratio Lower Upper

76 100

78 31.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 92.008 ug/l

RT: 9.807 min Scan# 1310

Delta R.T. 0.019 min

Lab File: VY017045.D

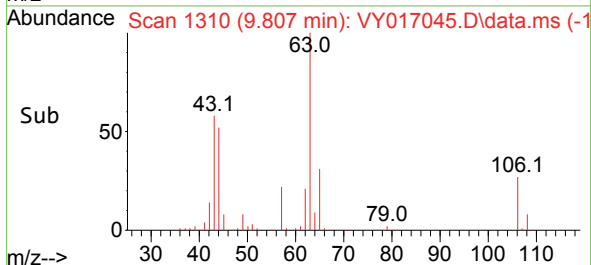
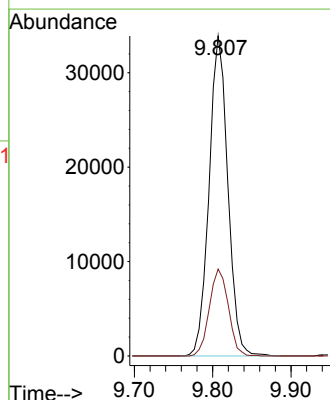
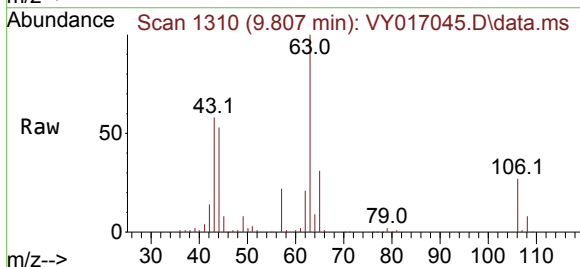
Acq: 19 Jan 2024 10:40

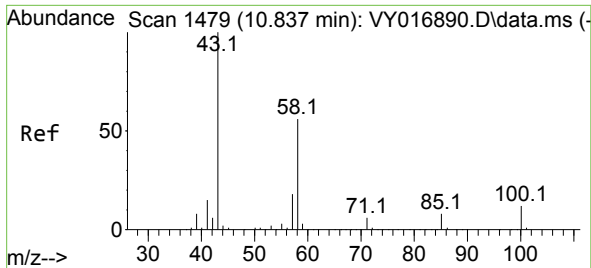
Tgt Ion: 63 Resp: 56418

Ion Ratio Lower Upper

63 100

106 27.4 22.4 33.6

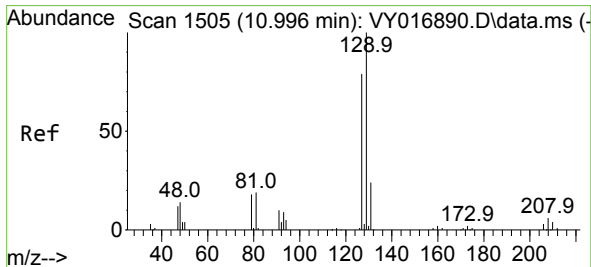
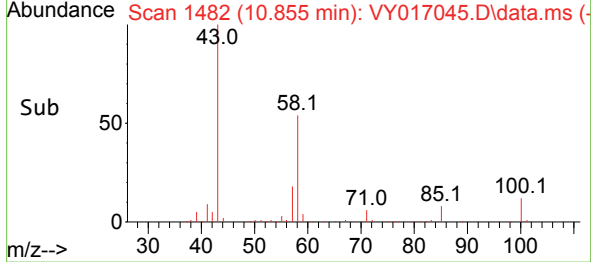
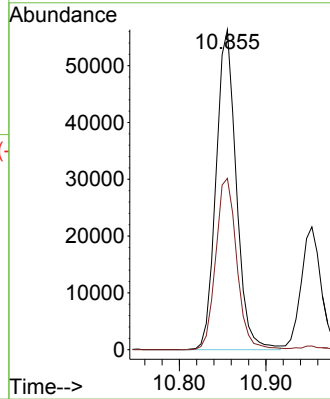
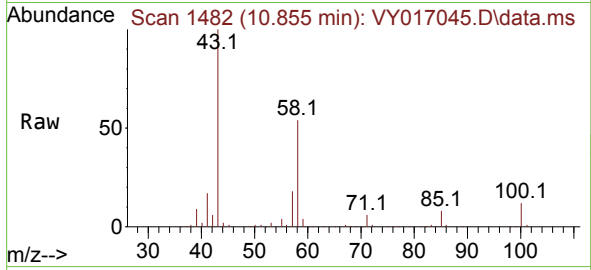




#59
2-Hexanone
Concen: 116.984 ug/l
RT: 10.855 min Scan# 1479
Delta R.T. 0.012 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

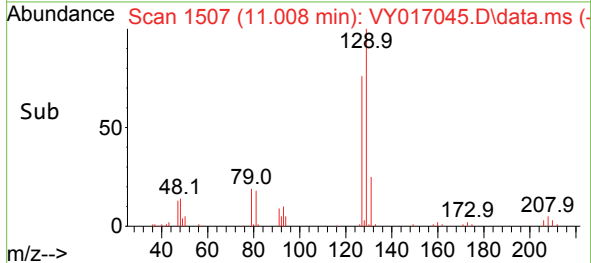
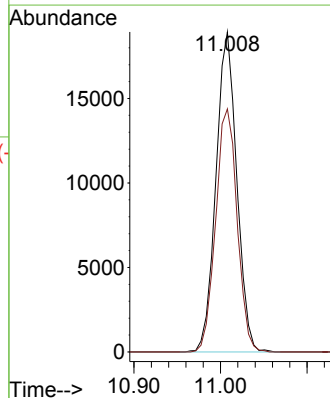
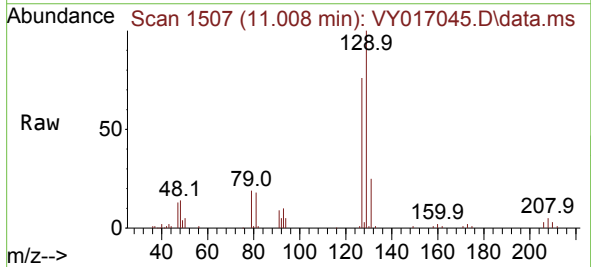
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

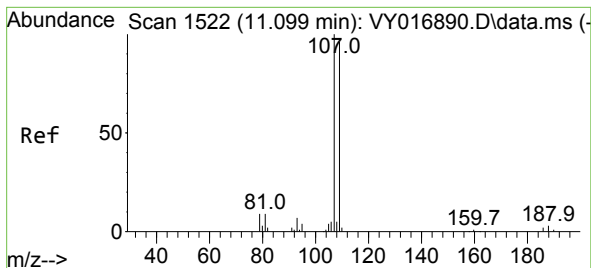
Tgt Ion: 43 Resp: 91424
Ion Ratio Lower Upper
43 100
58 55.7 28.1 84.3



#60
Dibromochloromethane
Concen: 20.730 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion: 129 Resp: 31567
Ion Ratio Lower Upper
129 100
127 78.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 20.547 ug/l

RT: 11.112 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

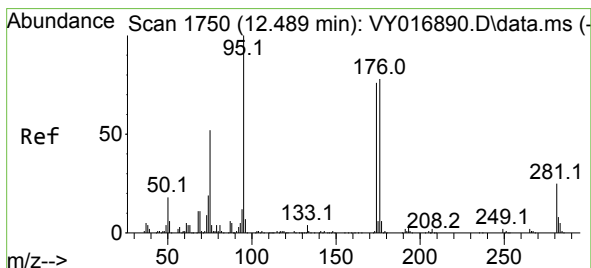
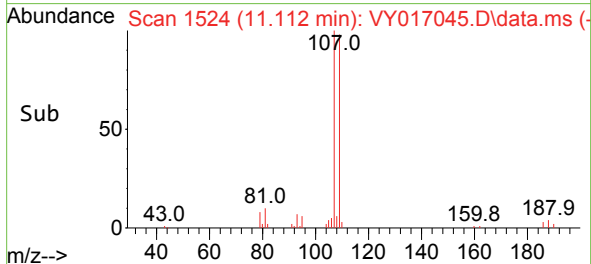
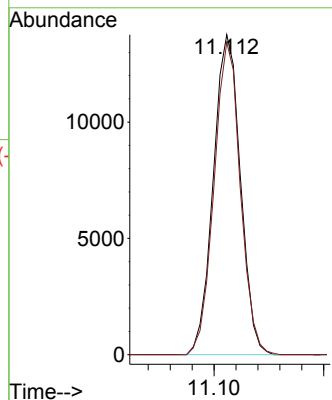
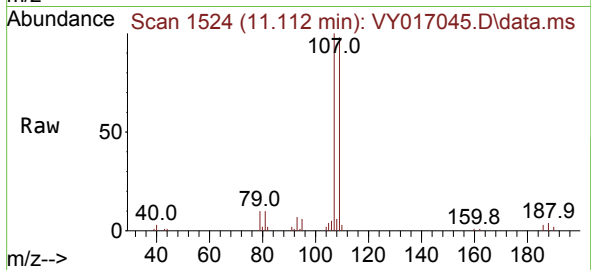
VY0119SBS01

Tgt Ion:107 Resp: 23573

Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 45.393 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.013 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

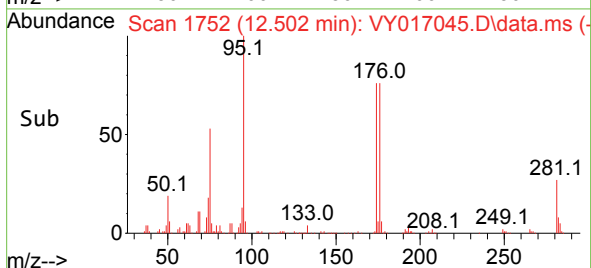
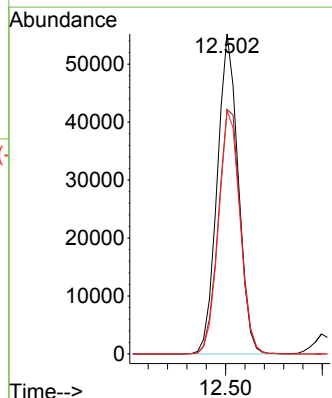
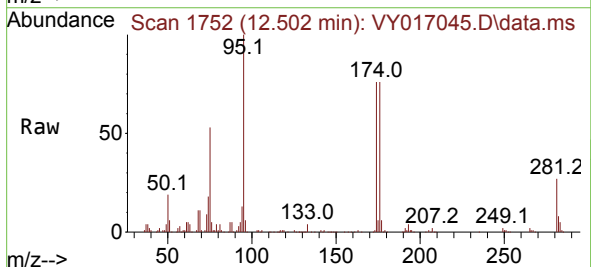
Tgt Ion: 95 Resp: 82988

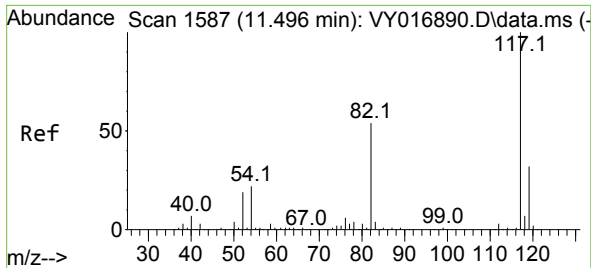
Ion Ratio Lower Upper

95 100

174 80.9 0.0 160.0

176 77.5 0.0 151.8

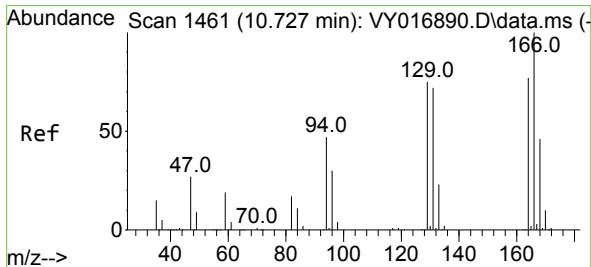
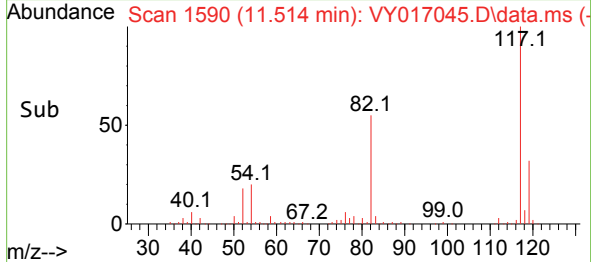
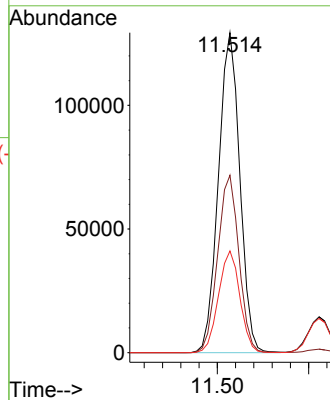
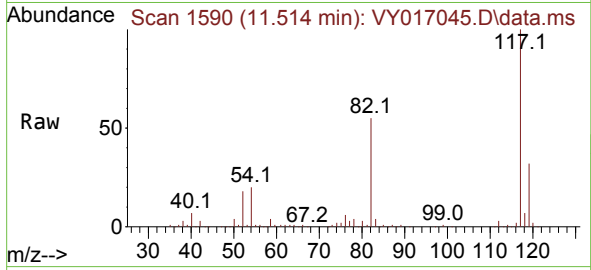




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

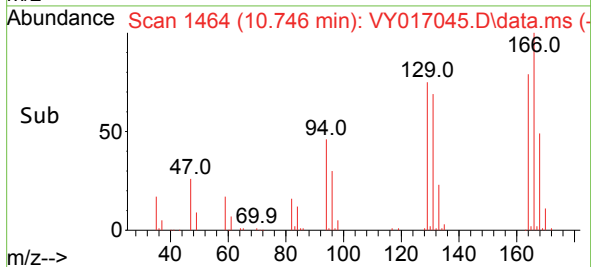
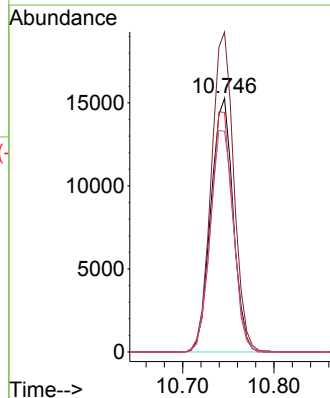
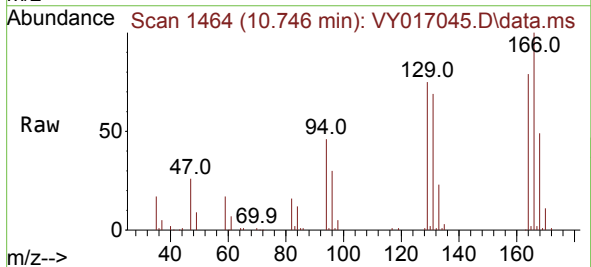
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

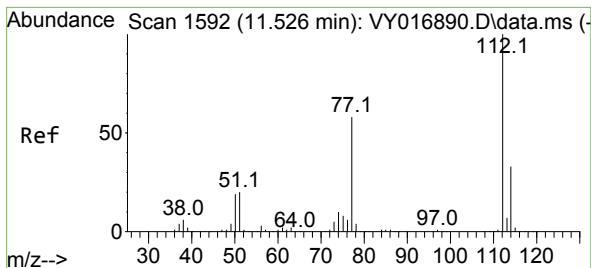
Tgt Ion:117 Resp: 210718
Ion Ratio Lower Upper
117 100
82 55.5 43.8 65.8
119 31.8 26.5 39.7



#64
Tetrachloroethene
Concen: 18.951 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.019 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion:164 Resp: 25890
Ion Ratio Lower Upper
164 100
166 126.1 98.8 148.2
129 94.4 78.9 118.3
131 87.0 72.5 108.7





#65

Chlorobenzene

Concen: 19.754 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

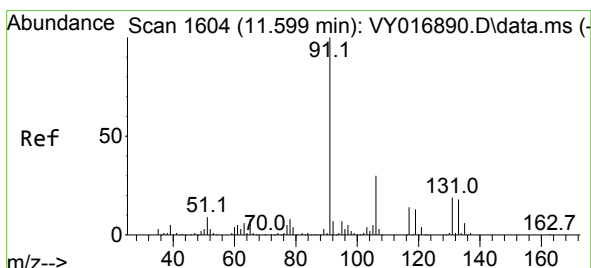
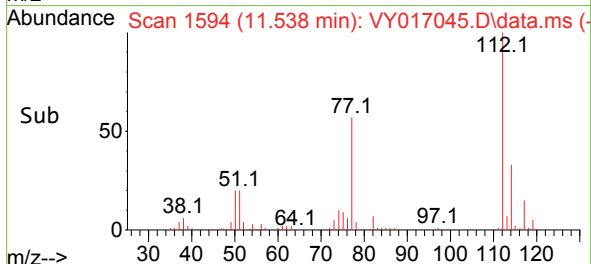
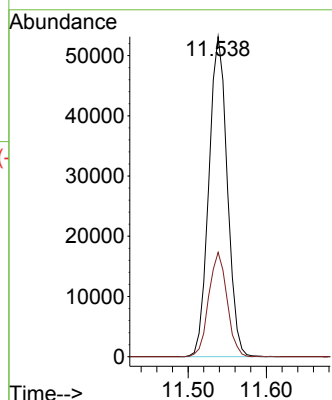
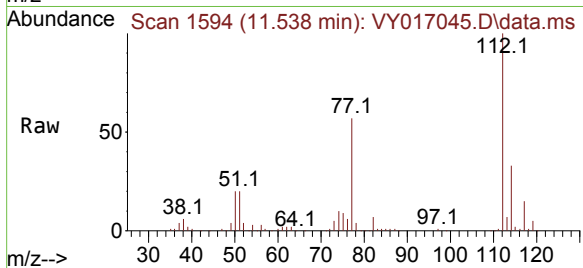
VY0119SBS01

Tgt Ion:112 Resp: 86713

Ion Ratio Lower Upper

112 100

114 32.6 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 20.319 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

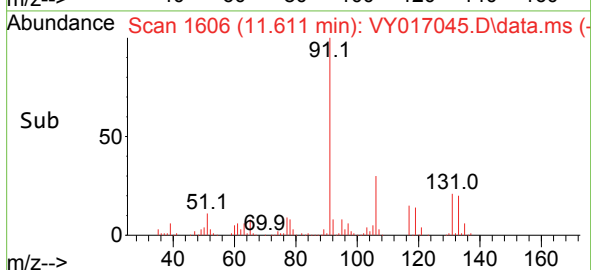
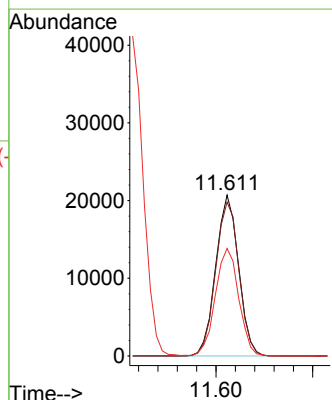
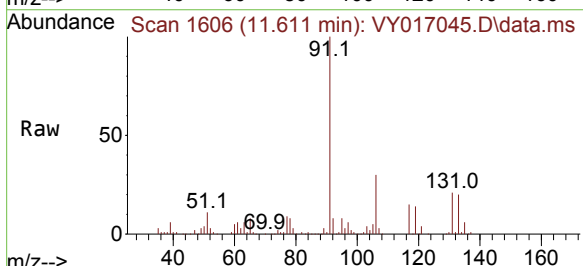
Tgt Ion:131 Resp: 33906

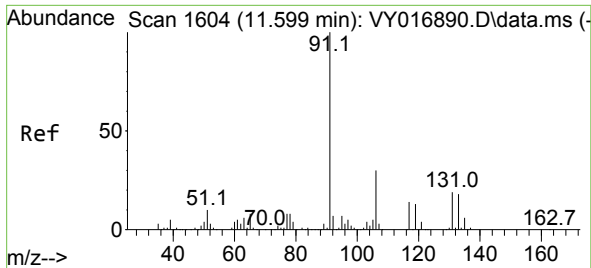
Ion Ratio Lower Upper

131 100

133 97.4 47.0 141.0

119 68.4 33.3 99.9





#67

Ethyl Benzene

Concen: 19.628 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

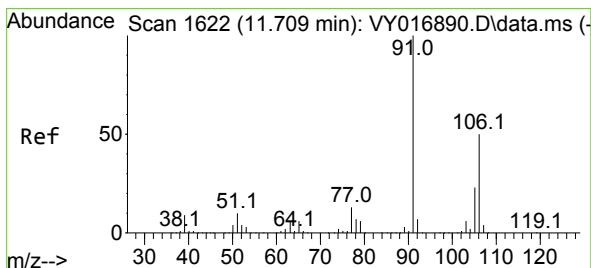
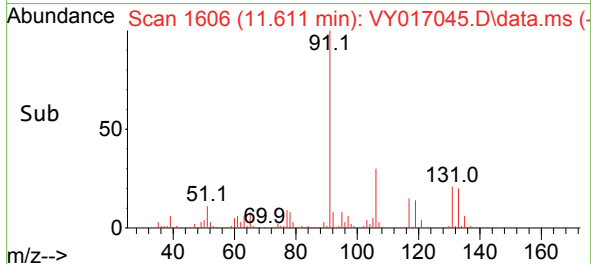
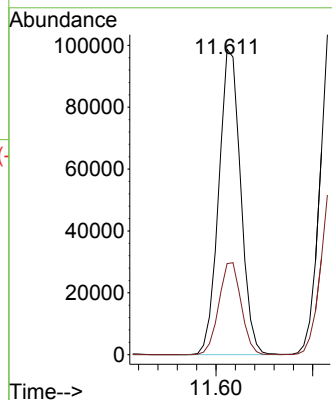
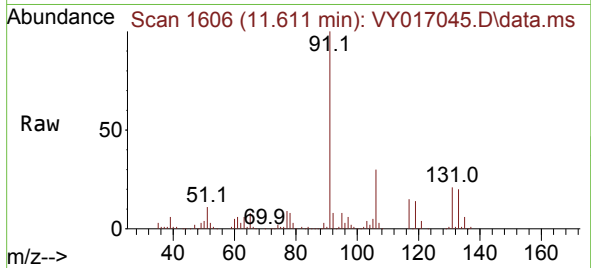
VY0119SBS01

Tgt Ion: 91 Resp: 155121

Ion Ratio Lower Upper

91 100

106 29.8 25.0 37.4



#68

m/p-Xylenes

Concen: 39.497 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.012 min

Lab File: VY017045.D

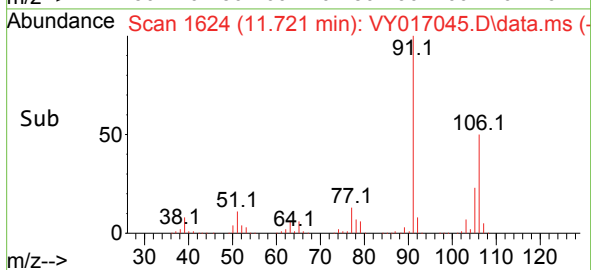
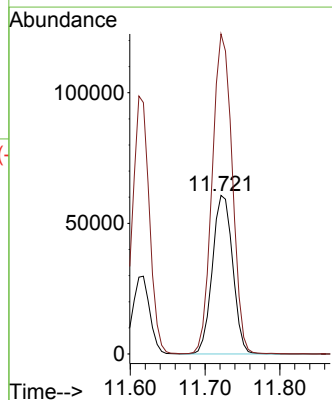
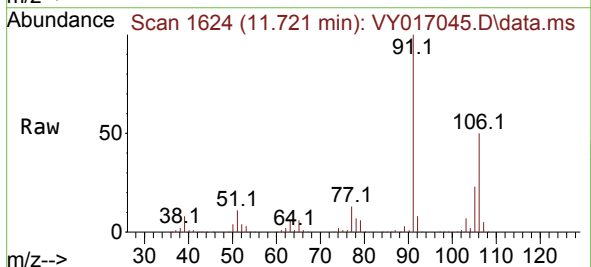
Acq: 19 Jan 2024 10:40

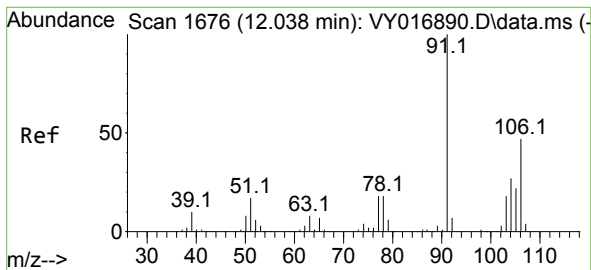
Tgt Ion:106 Resp: 114574

Ion Ratio Lower Upper

106 100

91 199.5 160.7 241.1





#69

o-Xylene

Concen: 19.808 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

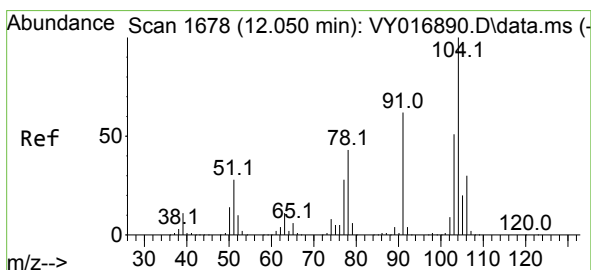
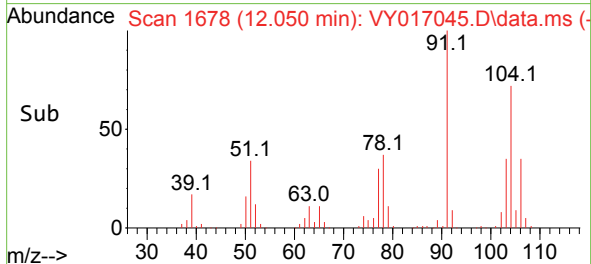
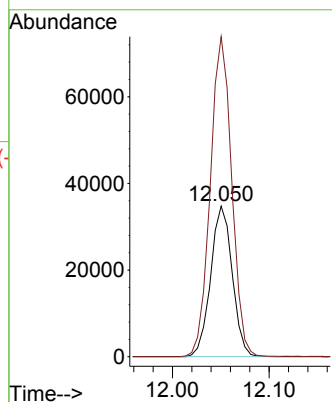
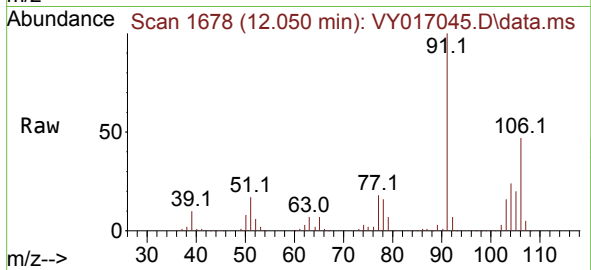
VY0119SBS01

Tgt Ion:106 Resp: 53866

Ion Ratio Lower Upper

106 100

91 211.3 106.5 319.5



#70

Styrene

Concen: 20.141 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.013 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

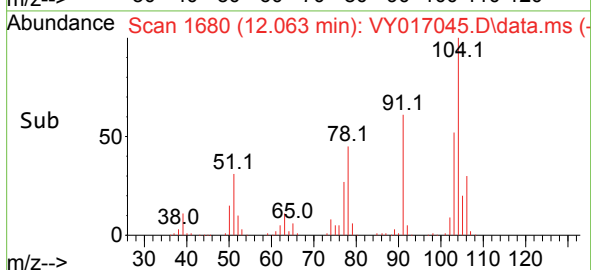
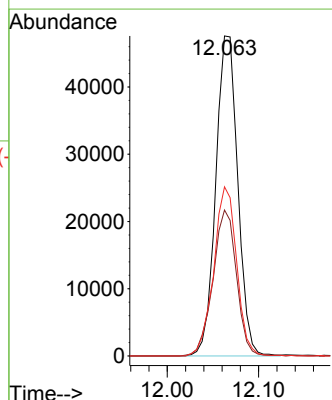
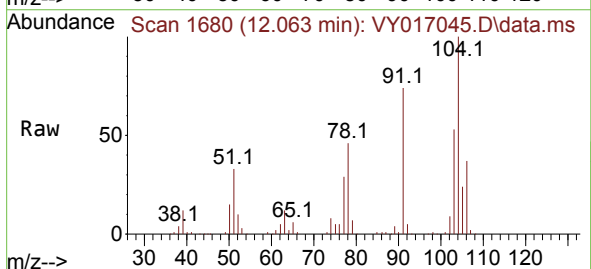
Tgt Ion:104 Resp: 79716

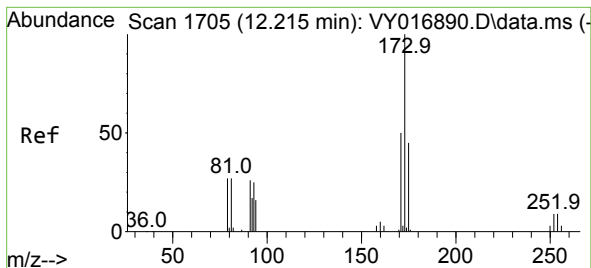
Ion Ratio Lower Upper

104 100

78 48.7 39.2 58.8

103 55.2 43.8 65.6





#71

Bromoform

Concen: 21.900 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

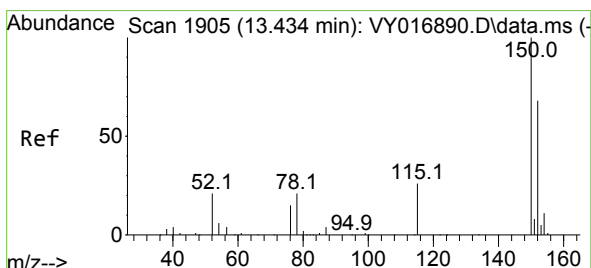
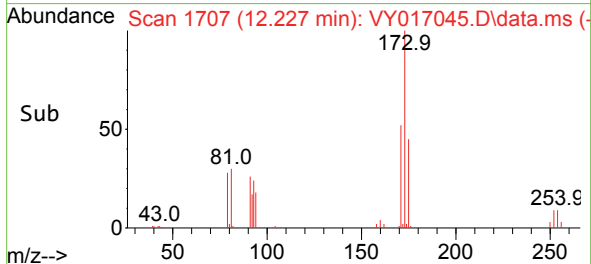
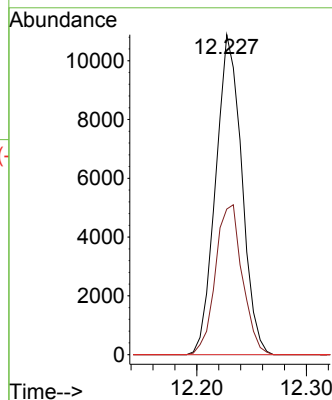
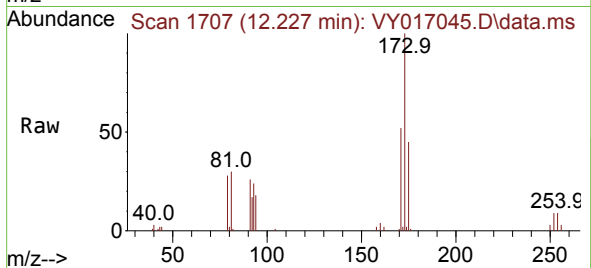
Tgt Ion:173 Resp: 17990

Ion Ratio Lower Upper

173 100

175 48.4 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

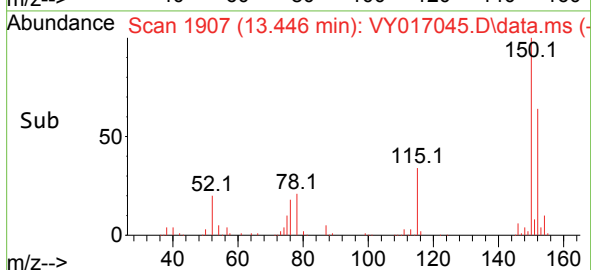
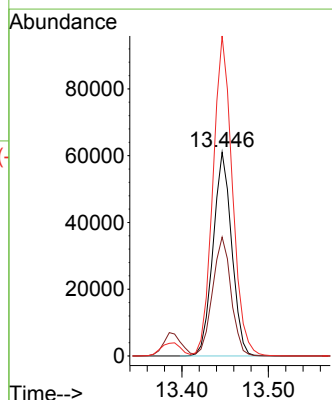
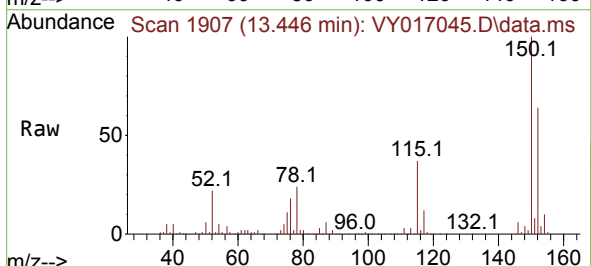
Tgt Ion:152 Resp: 91077

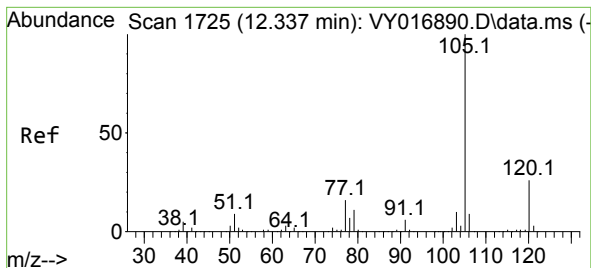
Ion Ratio Lower Upper

152 100

115 58.1 30.0 90.0

150 164.1 0.0 344.6





#73

Isopropylbenzene

Concen: 20.043 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

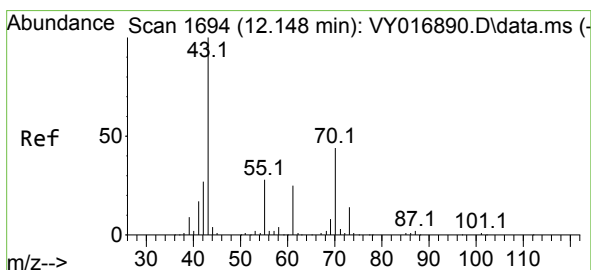
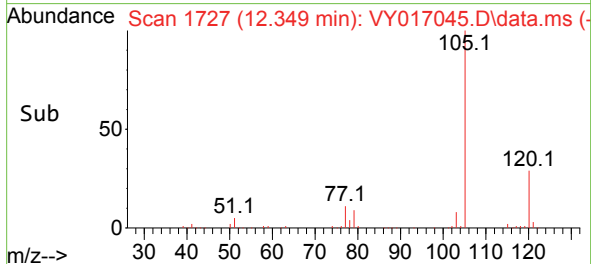
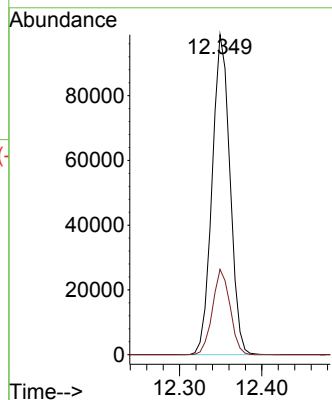
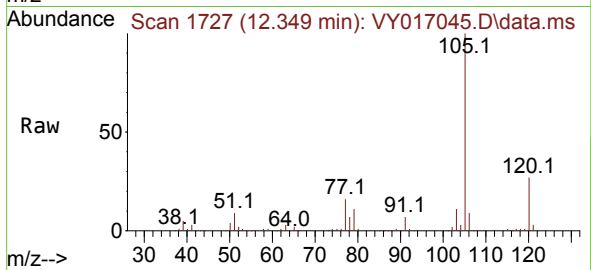
VY0119SBS01

Tgt Ion:105 Resp: 149069

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 21.555 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.012 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Tgt Ion: 43 Resp: 32209

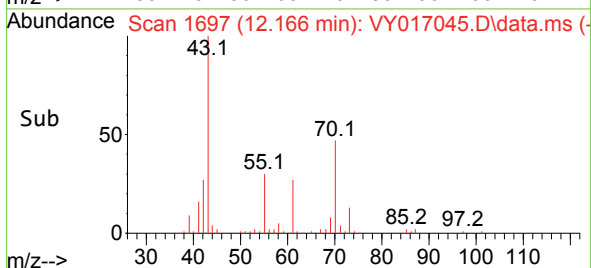
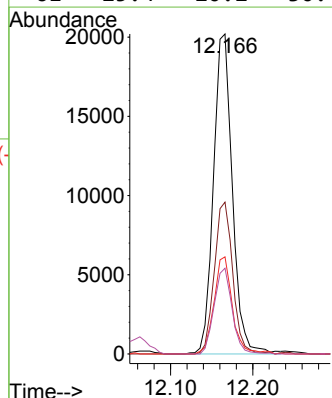
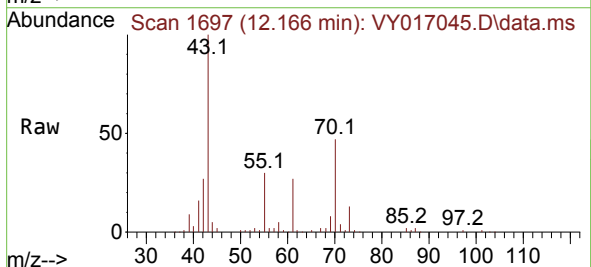
Ion Ratio Lower Upper

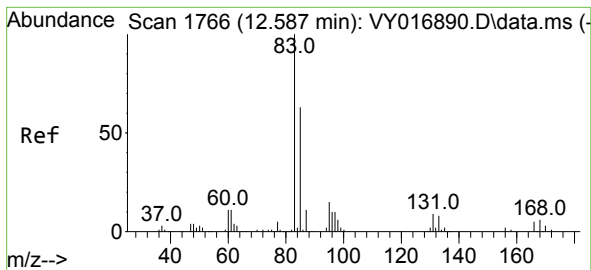
43 100

70 46.3 36.6 55.0

55 29.6 22.2 33.4

61 25.4 20.2 30.4

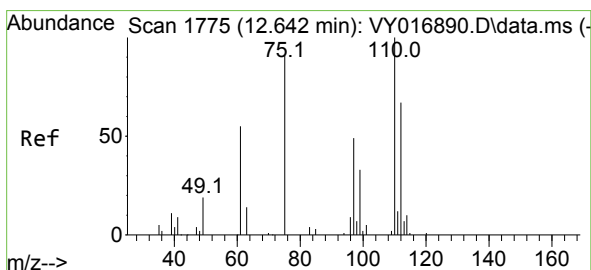
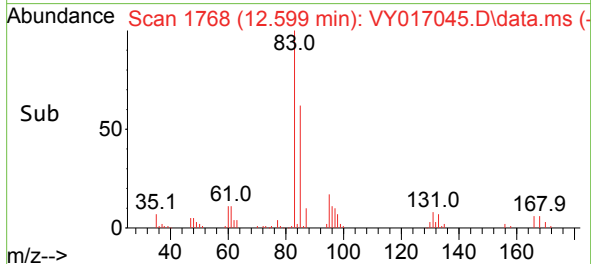
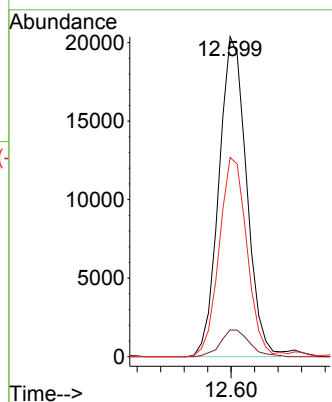
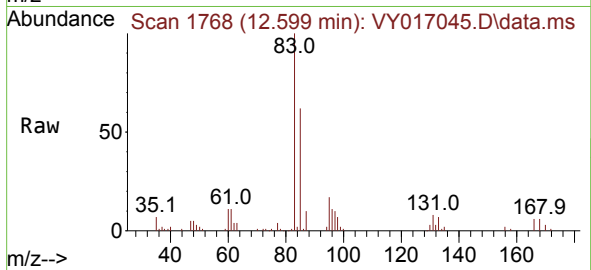




#75
1,1,2,2-Tetrachloroethane
Concen: 21.962 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

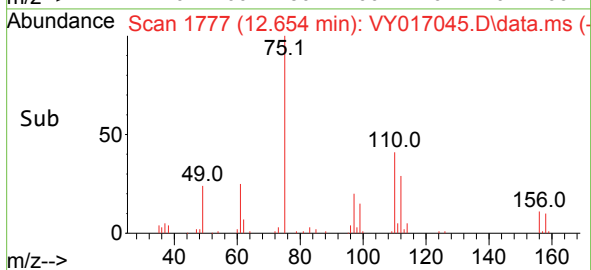
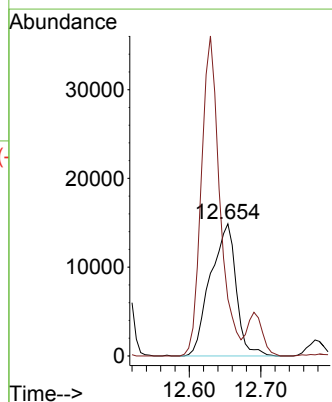
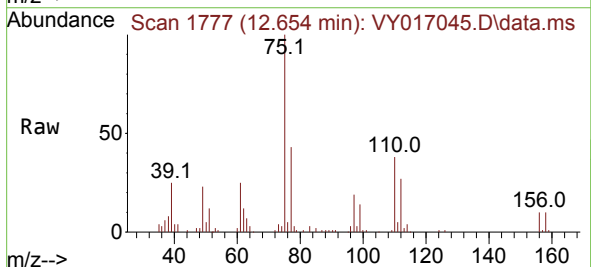
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

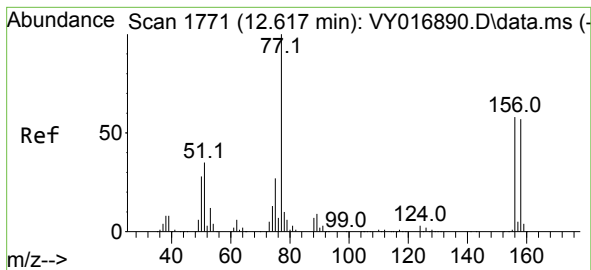
Tgt Ion: 83 Resp: 33281
Ion Ratio Lower Upper
83 100
131 8.8 4.9 14.6
85 62.9 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 37.667 ug/l
RT: 12.654 min Scan# 1777
Delta R.T. 0.012 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion: 75 Resp: 37228
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.044 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.013 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

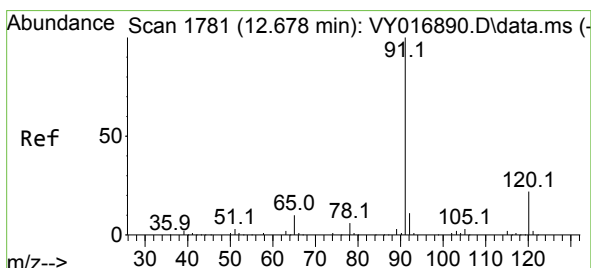
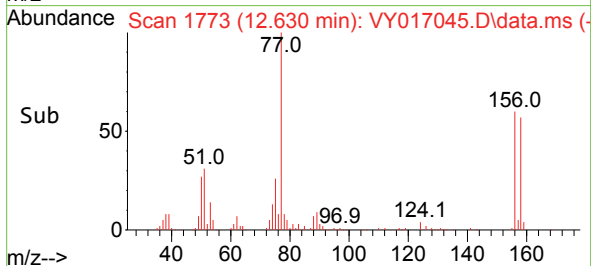
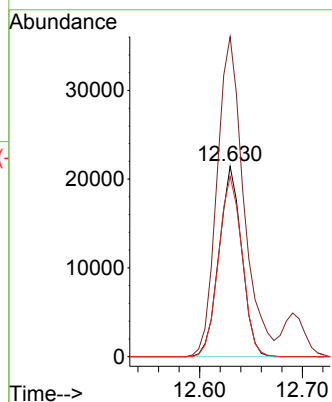
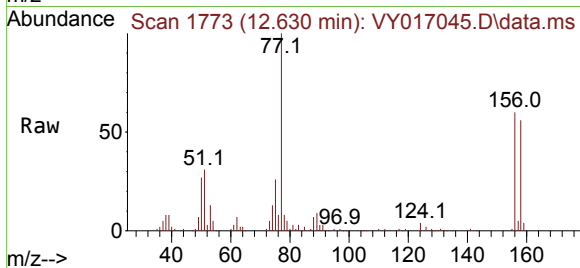
Tgt Ion:156 Resp: 32822

Ion Ratio Lower Upper

156 100

77 198.2 97.3 291.8

158 98.4 48.4 145.0



#78

n-propylbenzene

Concen: 19.997 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.013 min

Lab File: VY017045.D

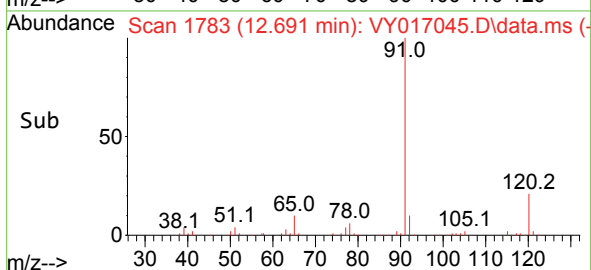
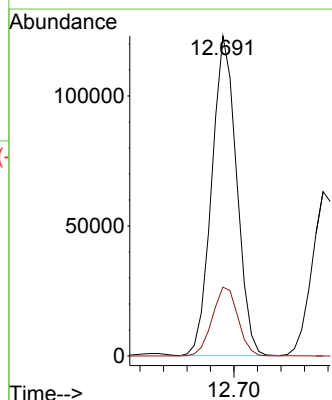
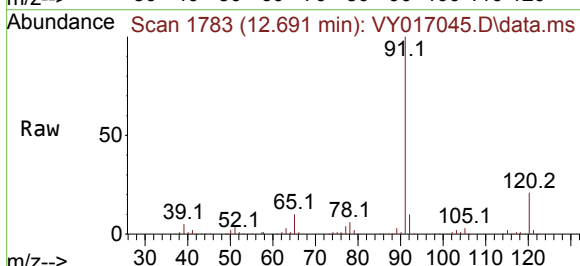
Acq: 19 Jan 2024 10:40

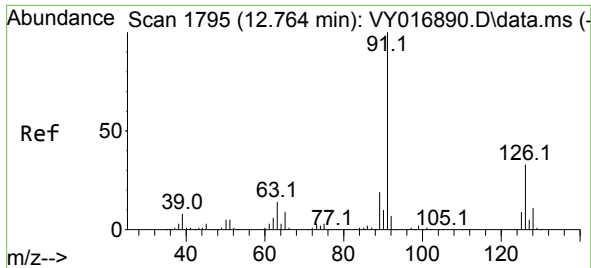
Tgt Ion: 91 Resp: 180804

Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0

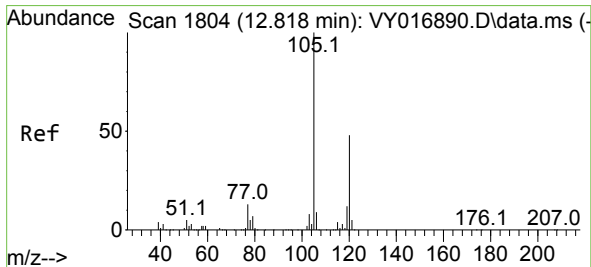
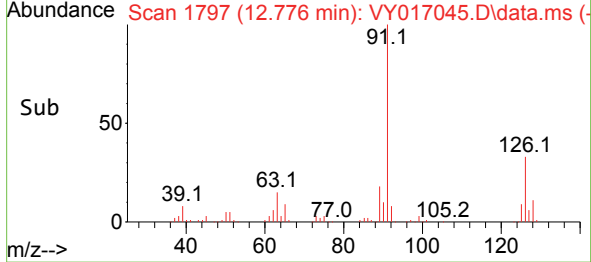
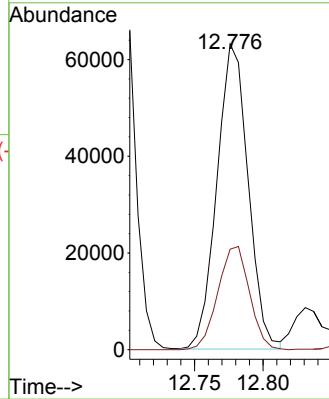
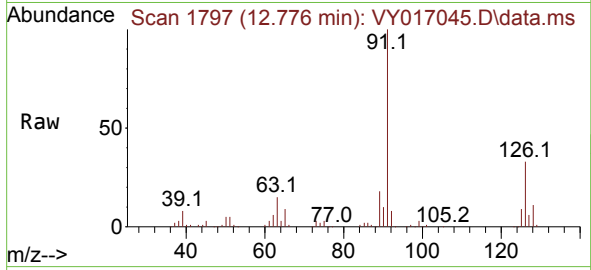




#79
2-Chlorotoluene
Concen: 19.969 ug/l
RT: 12.776 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

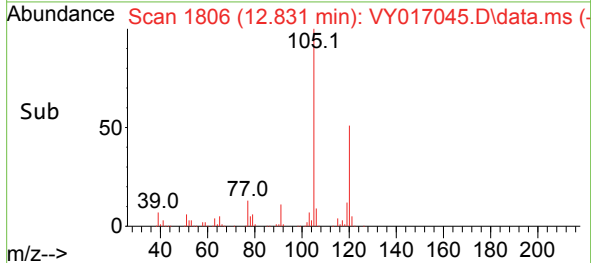
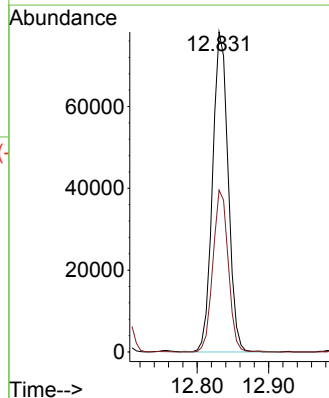
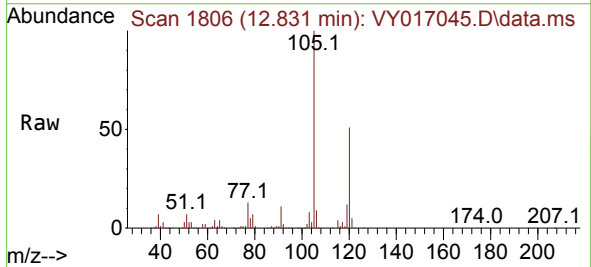
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

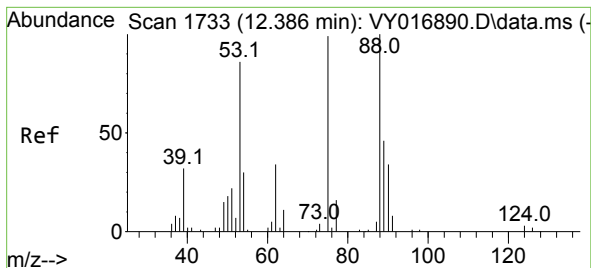
Tgt Ion: 91 Resp: 100121
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.144 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.013 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion:105 Resp: 118489
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.8

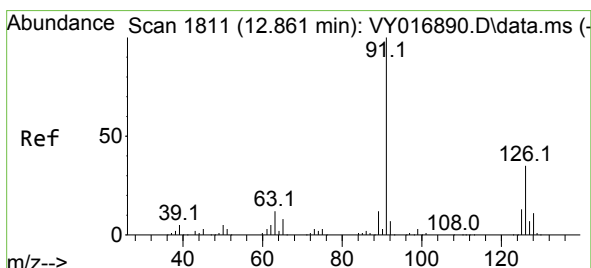
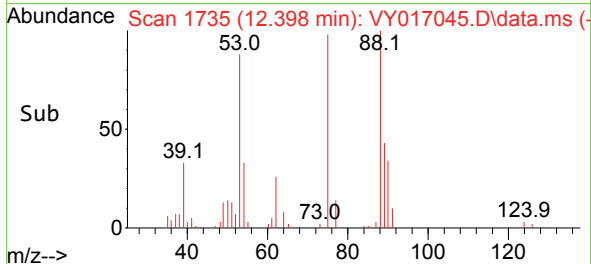
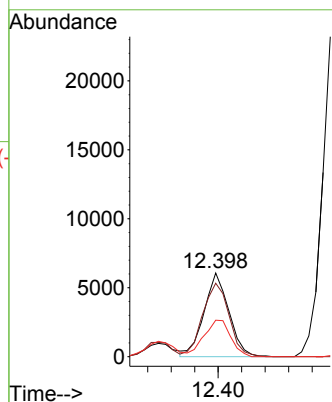
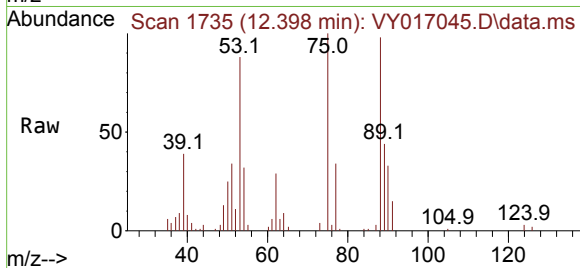




#81
trans-1,4-Dichloro-2-butene
Concen: 20.508 ug/l
RT: 12.398 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

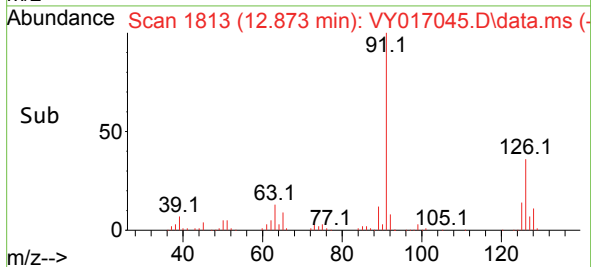
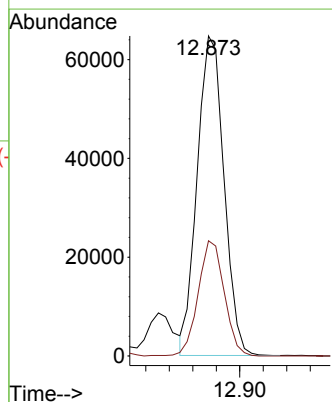
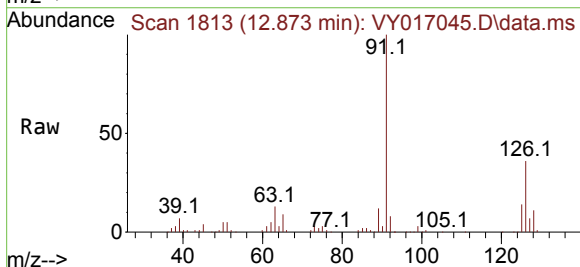
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

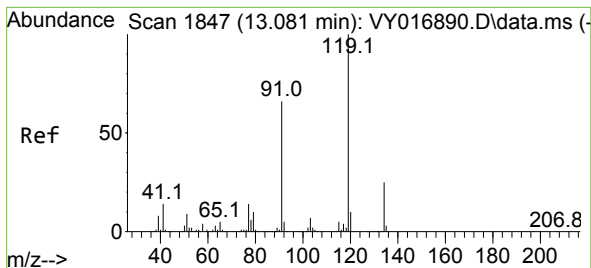
Tgt Ion: 75 Resp: 8926
Ion Ratio Lower Upper
75 100
53 93.1 74.0 111.0
89 46.5 36.5 54.7



#82
4-Chlorotoluene
Concen: 19.961 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion: 91 Resp: 102245
Ion Ratio Lower Upper
91 100
126 35.1 17.1 51.2





#83

tert-Butylbenzene

Concen: 20.035 ug/l

RT: 13.093 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

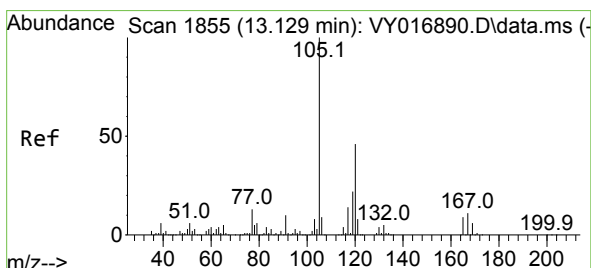
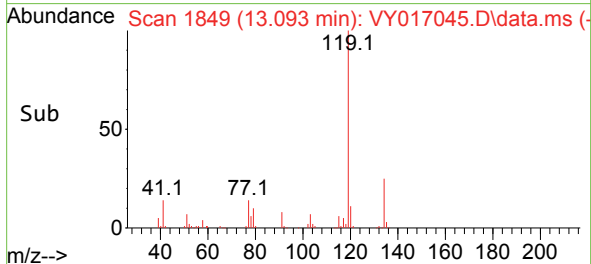
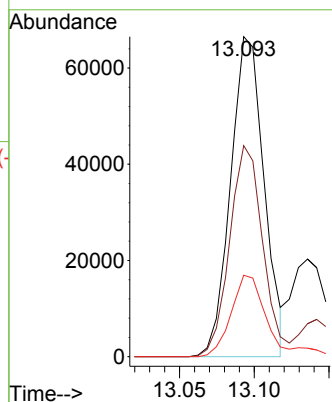
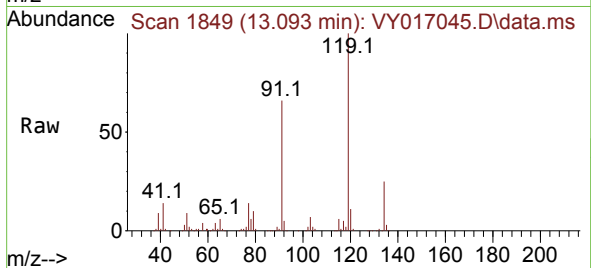
Tgt Ion:119 Resp: 103799

Ion Ratio Lower Upper

119 100

91 65.2 31.5 94.5

134 27.5 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.277 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.013 min

Lab File: VY017045.D

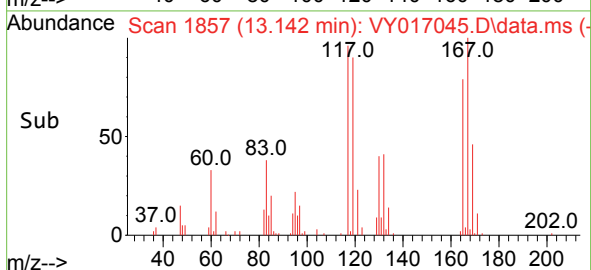
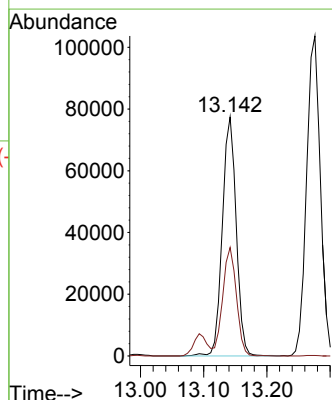
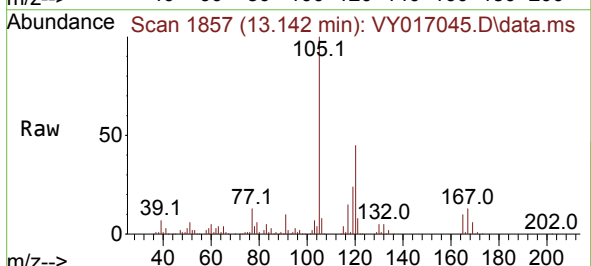
Acq: 19 Jan 2024 10:40

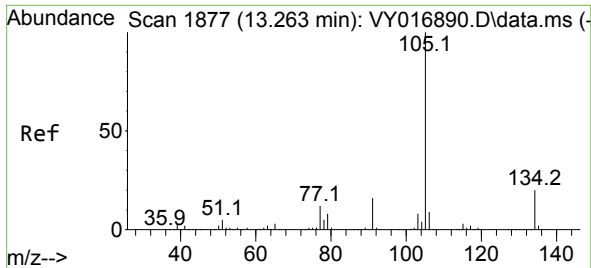
Tgt Ion:105 Resp: 117461

Ion Ratio Lower Upper

105 100

120 45.0 22.1 66.3

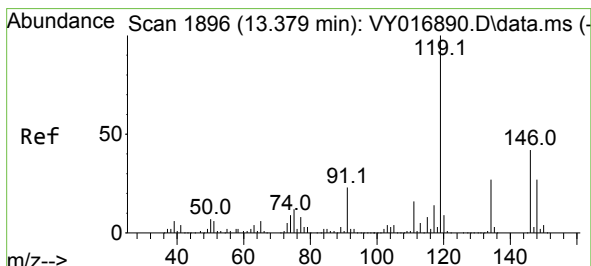
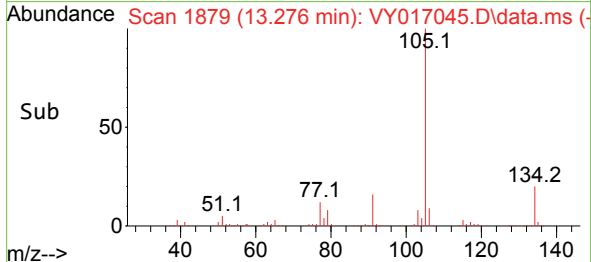
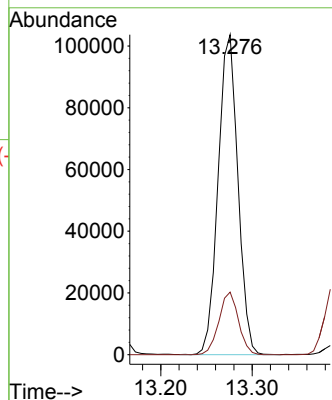
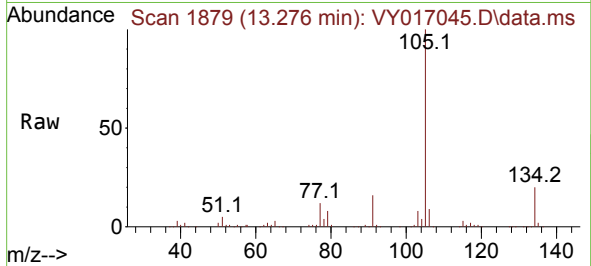




#85
sec-Butylbenzene
Concen: 20.318 ug/l
RT: 13.276 min Scan# 1879
Delta R.T. 0.013 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

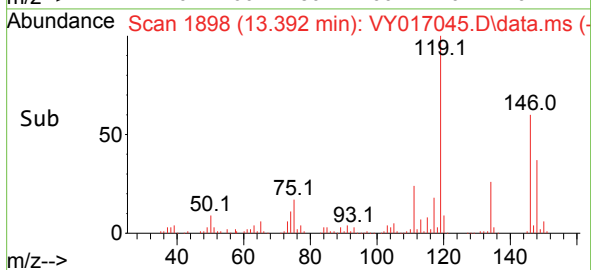
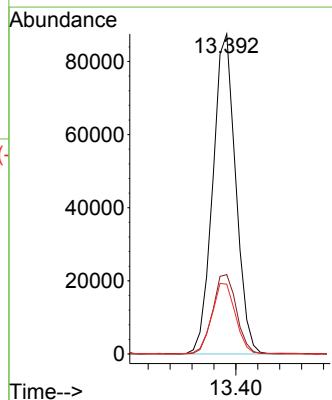
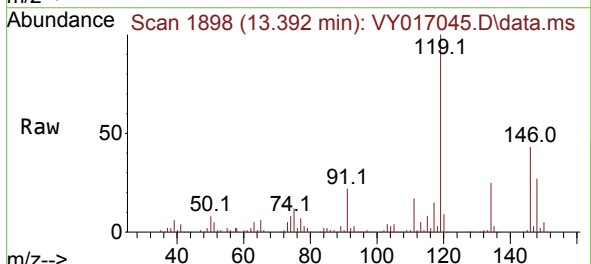
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

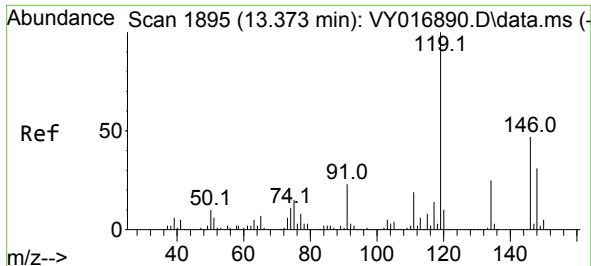
Tgt Ion:105 Resp: 155977
Ion Ratio Lower Upper
105 100
134 19.4 9.7 28.9



#86
p-Isopropyltoluene
Concen: 20.013 ug/l
RT: 13.392 min Scan# 1898
Delta R.T. 0.013 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion:119 Resp: 126793
Ion Ratio Lower Upper
119 100
134 25.9 13.1 39.1
91 23.1 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 19.833 ug/l

RT: 13.386 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

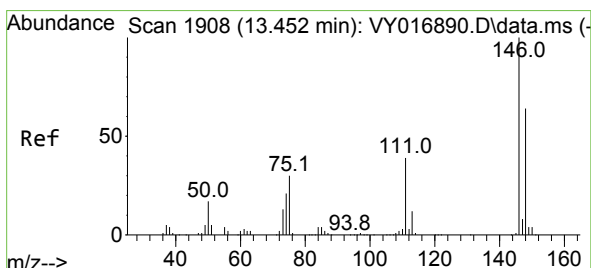
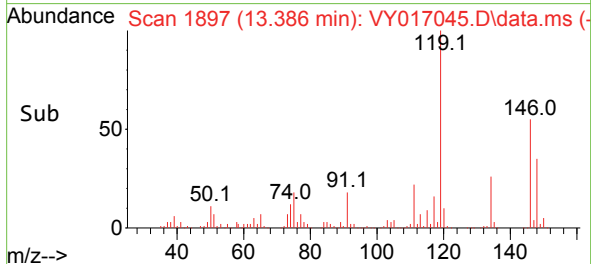
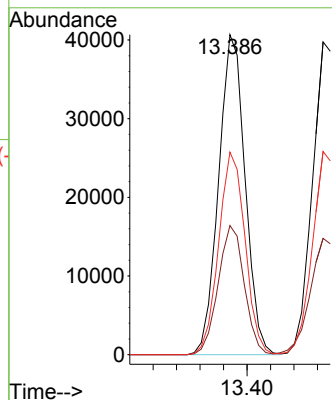
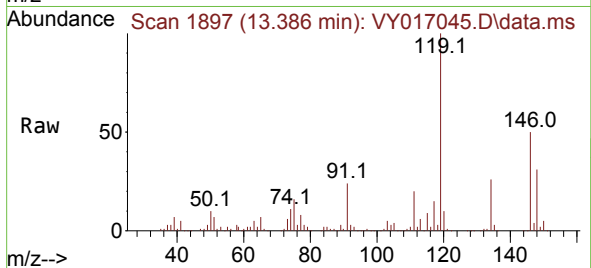
Tgt Ion:146 Resp: 63692

Ion Ratio Lower Upper

146 100

111 39.8 20.2 60.5

148 63.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.069 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.013 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

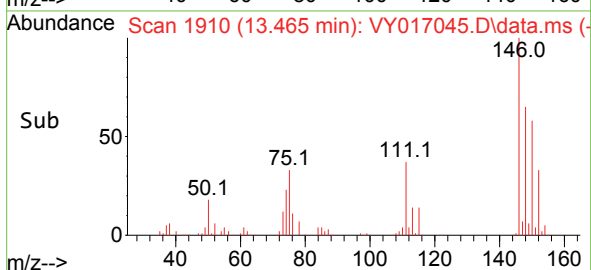
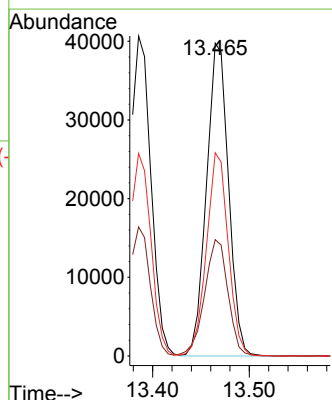
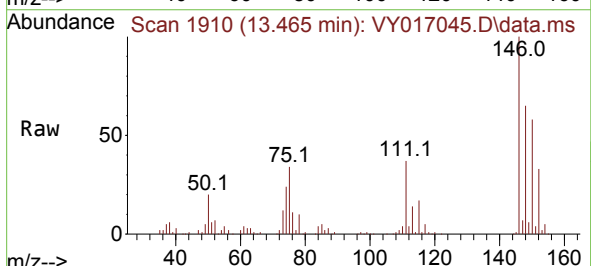
Tgt Ion:146 Resp: 63039

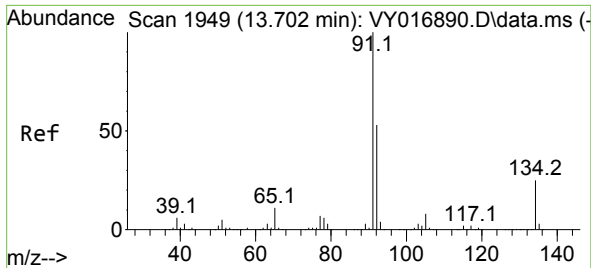
Ion Ratio Lower Upper

146 100

111 39.5 19.3 57.9

148 64.3 31.6 94.7

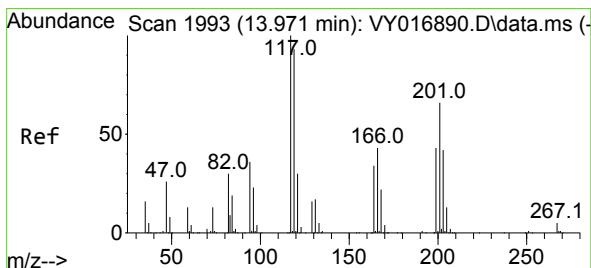
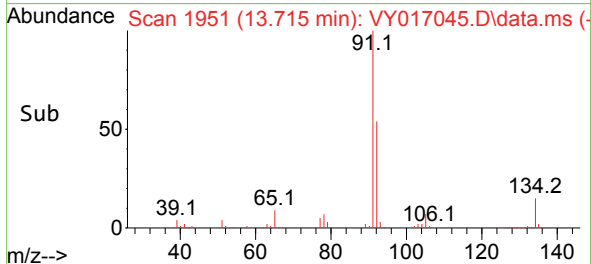
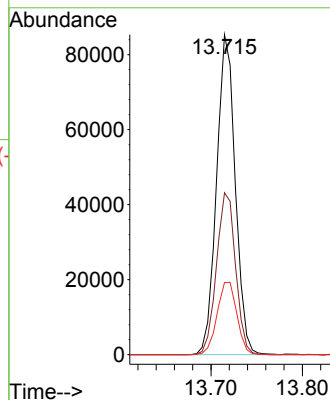
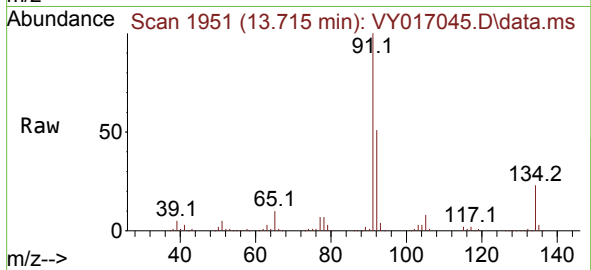




#89
n-Butylbenzene
Concen: 19.917 ug/l
RT: 13.715 min Scan# 1951
Delta R.T. 0.013 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

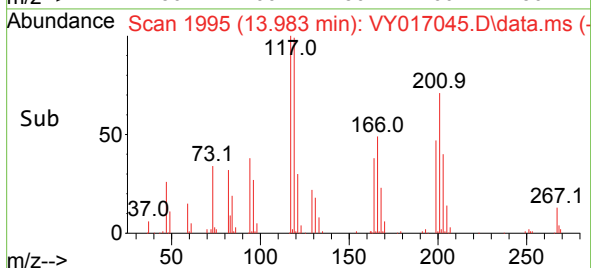
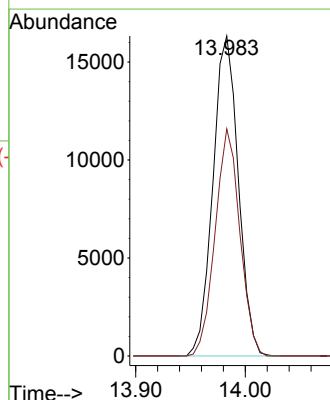
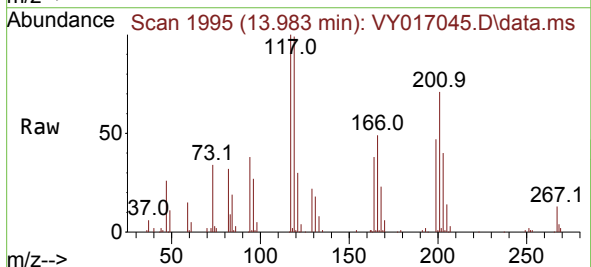
Instrument :
MSVOA_Y
ClientSampleId :
VY0119SBS01

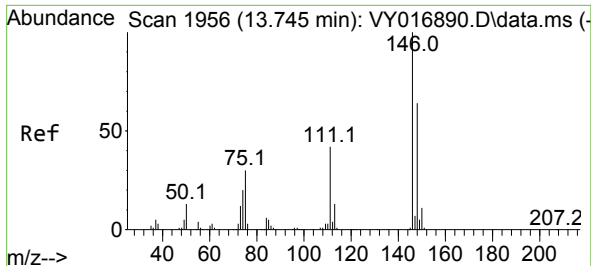
Tgt Ion: 91 Resp: 121323
Ion Ratio Lower Upper
91 100
92 51.7 26.4 79.2
134 24.1 12.3 36.8



#90
Hexachloroethane
Concen: 19.314 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.012 min
Lab File: VY017045.D
Acq: 19 Jan 2024 10:40

Tgt Ion: 117 Resp: 26294
Ion Ratio Lower Upper
117 100
201 69.1 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 20.282 ug/l

RT: 13.757 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

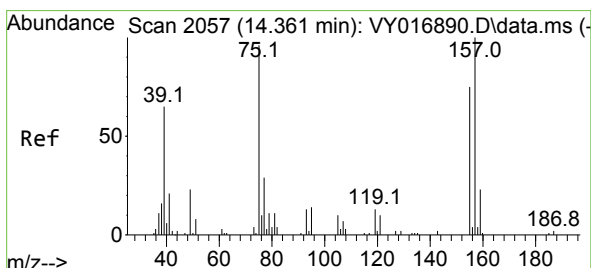
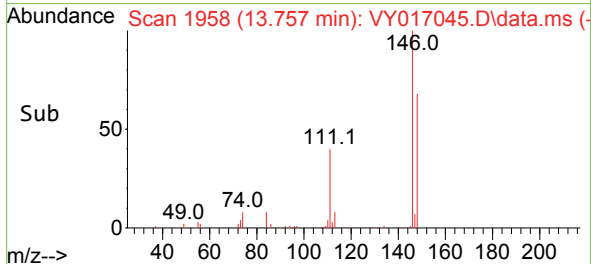
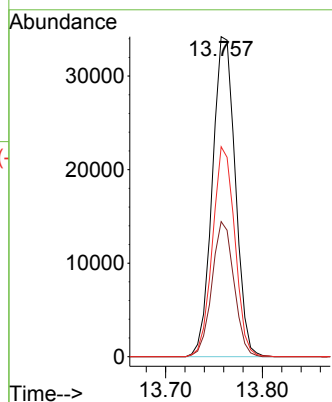
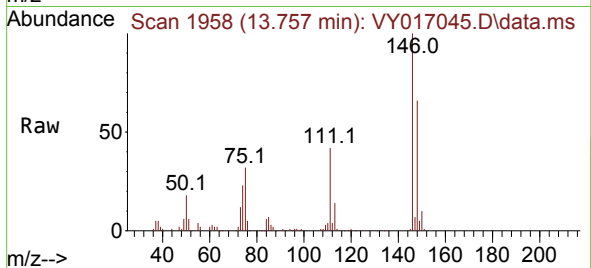
Tgt Ion:146 Resp: 56290

Ion Ratio Lower Upper

146 100

111 40.6 20.5 61.6

148 63.9 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.929 ug/l

RT: 14.379 min Scan# 2060

Delta R.T. 0.012 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

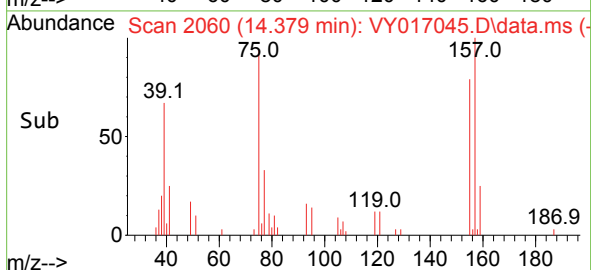
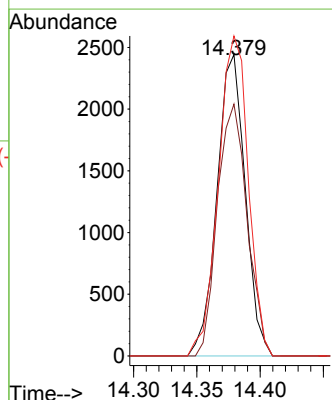
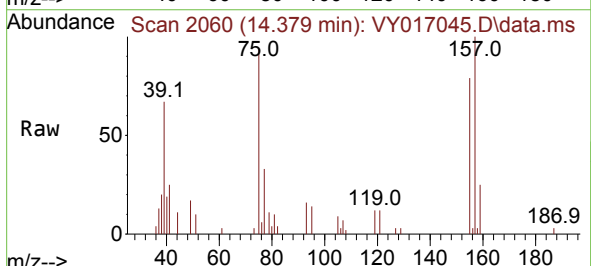
Tgt Ion: 75 Resp: 3787

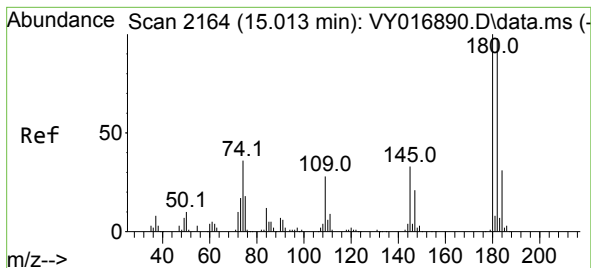
Ion Ratio Lower Upper

75 100

155 87.8 42.1 126.3

157 112.8 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 19.482 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

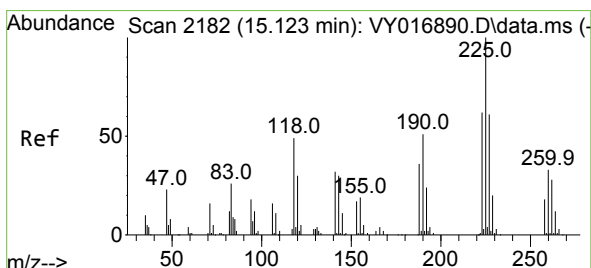
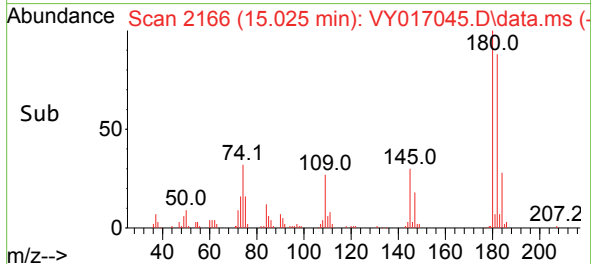
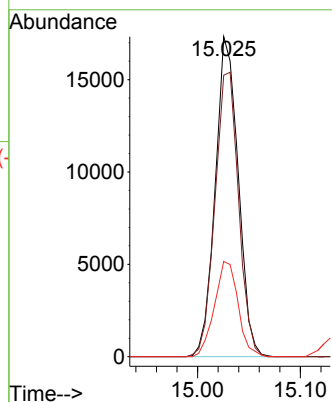
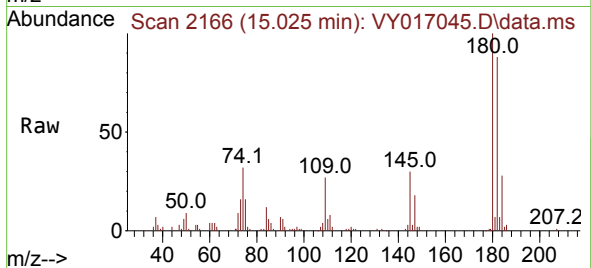
Tgt Ion:180 Resp: 26850

Ion Ratio Lower Upper

180 100

182 91.2 47.9 143.7

145 30.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 18.783 ug/l

RT: 15.135 min Scan# 2184

Delta R.T. 0.012 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

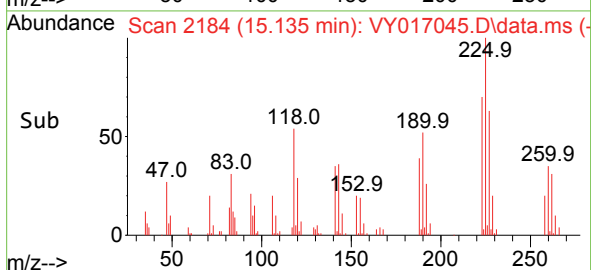
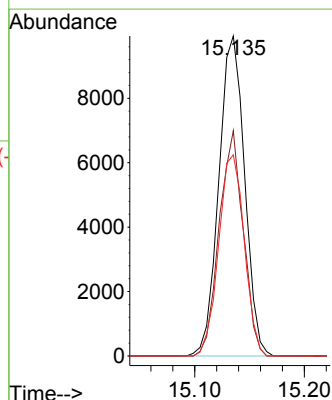
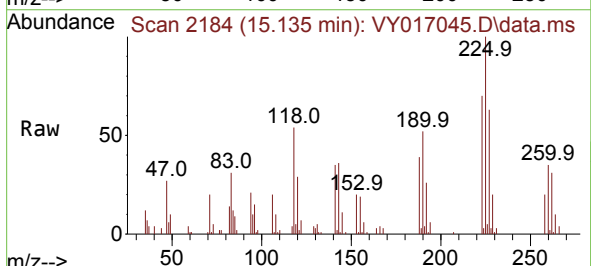
Tgt Ion:225 Resp: 16216

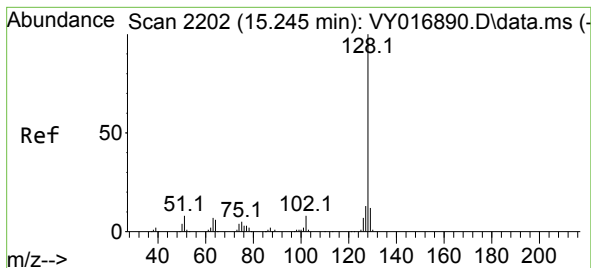
Ion Ratio Lower Upper

225 100

223 65.5 31.4 94.3

227 62.5 32.3 96.8





#95

Naphthalene

Concen: 20.467 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0119SBS01

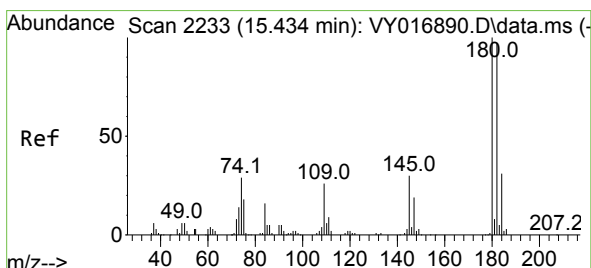
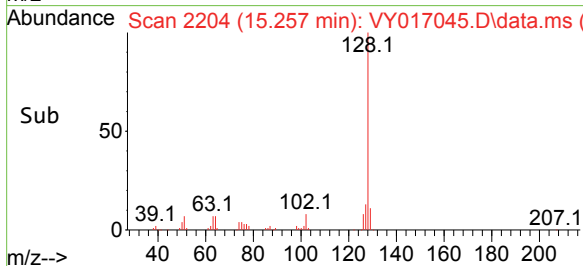
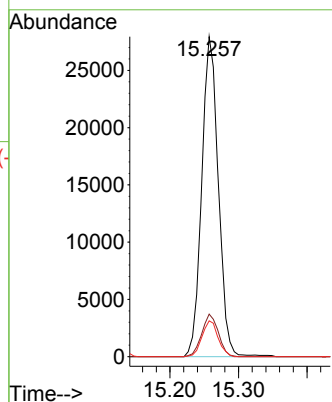
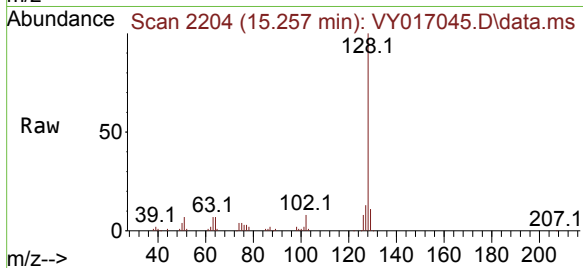
Tgt Ion:128 Resp: 47243

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.598 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY017045.D

Acq: 19 Jan 2024 10:40

Tgt Ion:180 Resp: 21763

Ion Ratio Lower Upper

180 100

182 95.7 46.3 138.8

145 32.3 16.1 48.2

