

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018312.D
 Acq On : 17 May 2024 16:46
 Operator : SY/MD
 Sample : P2513-10
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-16

Quant Time: May 18 00:52:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	3333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	6144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	4633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	1995	81.363	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.720%	
35) Dibromofluoromethane	7.716	113	1552	48.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.140%	
50) Toluene-d8	10.179	98	6877	54.047	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.100%	
62) 4-Bromofluorobenzene	12.477	95	1268	30.858	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 61.720%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	356	10.061	ug/l #	84
4) Vinyl Chloride	2.241	62	52	1.212	ug/l #	42
5) Bromomethane	2.668	94	369	12.388	ug/l #	3
6) Chloroethane	2.784	64	50	1.837	ug/l #	42
8) Diethyl Ether	3.625	74	24	1.451	ug/l	99
11) Tert butyl alcohol	4.924	59	42	8.030	ug/l #	88
13) Acrolein	3.711	56	88	32.781	ug/l #	15
14) Allyl chloride	4.467	41	144	3.512	ug/l #	63
15) Acrylonitrile	5.137	53	20	3.145	ug/l #	1
16) Acetone	3.936	43	105	21.458	ug/l #	73
18) Methyl Acetate	4.473	43	124	8.896	ug/l #	46
19) Methyl tert-butyl Ether	5.229	73	76	1.058	ug/l #	1
20) Methylene Chloride	4.704	84	207	5.985	ug/l #	46
23) Vinyl Acetate	6.033	43	117	2.213	ug/l #	67
24) 1,1-Dichloroethane	6.009	63	98	1.829	ug/l #	80
25) 2-Butanone	6.954	43	334	42.702	ug/l #	41
26) 2,2-Dichloropropane	6.966	77	112	2.310	ug/l #	51
28) Bromochloromethane	7.307	49	30	1.401	ug/l #	6
29) Tetrahydrofuran	7.344	42	46	8.909	ug/l #	56
31) Cyclohexane	7.771	56	101	Below Cal	#	83
37) Ethyl Acetate	7.094	43	67	3.439	ug/l #	1
38) Carbon Tetrachloride	7.789	117	468	9.253	ug/l #	13
41) Methacrylonitrile	7.295	41	62	5.511	ug/l #	8
43) Isopropyl Acetate	8.259	43	69	1.728	ug/l #	49
46) Dibromomethane	9.094	93	27	1.443	ug/l #	3
48) Methyl methacrylate	9.289	41	182	9.944	ug/l #	23
49) 1,4-Dioxane	9.319	88	94	378.421	ug/l #	20
51) 4-Methyl-2-Pentanone	10.087	43	320	15.943	ug/l #	31
55) 1,1,2-Trichloroethane	10.502	97	47	1.828	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.856	63	22	1.320	ug/l #	45
59) 2-Hexanone	10.801	43	172	12.256	ug/l	89
64) Tetrachloroethene	10.923	164	35	1.135	ug/l #	1
66) 1,1,1,2-Tetrachloroethane	11.508	131	70	2.293	ug/l #	1
71) Bromoform	12.075	173	44	2.605	ug/l #	27
73) Isopropylbenzene	12.483	105	60	1.137	ug/l #	48
74) N-amyl acetate	12.136	43	179	16.336	ug/l #	43

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QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

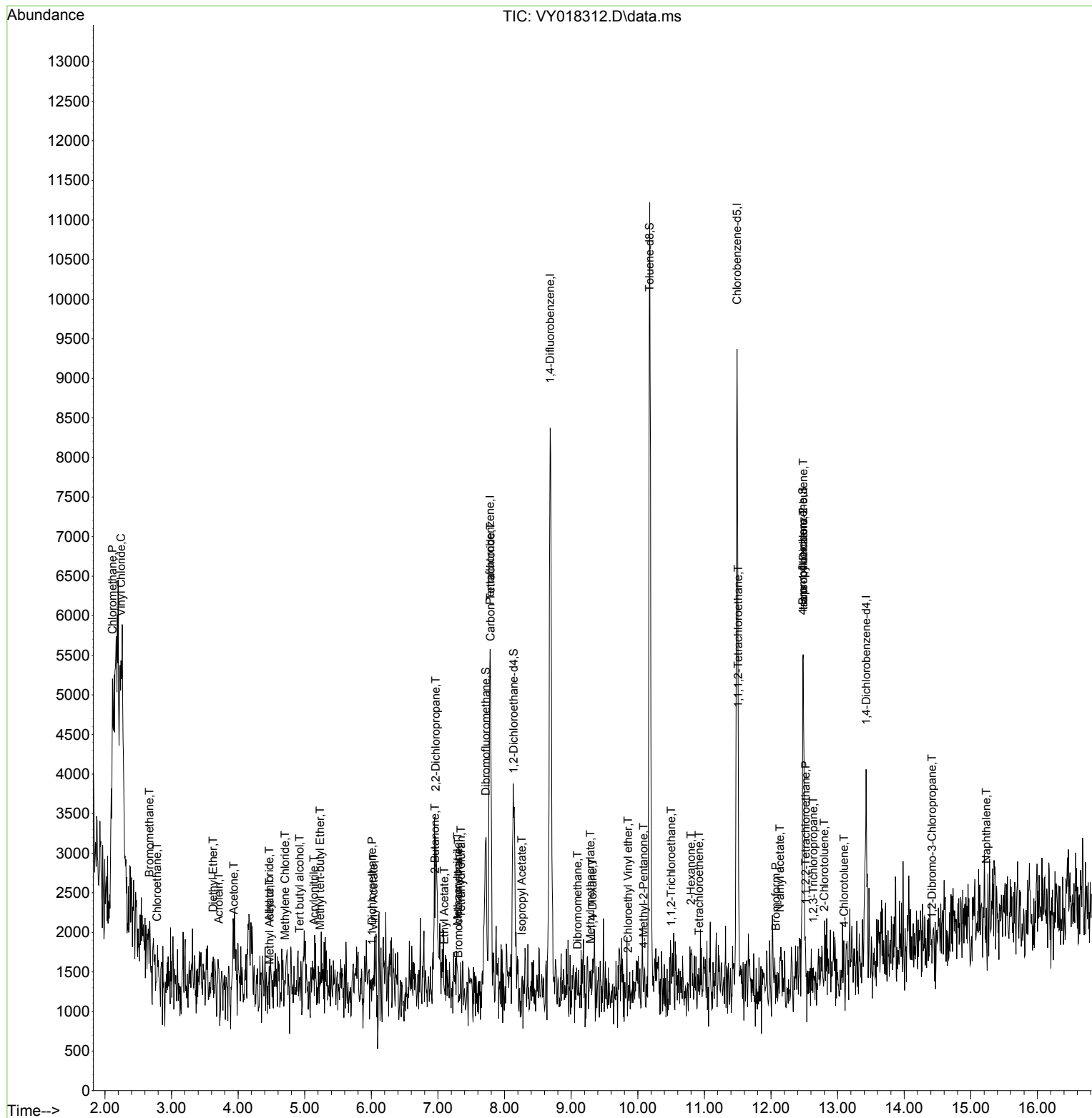
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	12.520	83	61	7.245	ug/l #	26
76) 1,2,3-Trichloropropane	12.636	75	82	14.552	ug/l #	100
79) 2-Chlorotoluene	12.800	91	51	1.495	ug/l #	39
81) trans-1,4-Dichloro-2-b...	12.483	75	597	204.118	ug/l #	21
82) 4-Chlorotoluene	13.099	91	82	2.393	ug/l	83
92) 1,2-Dibromo-3-Chloropr...	14.416	75	22	19.189	ug/l #	1
95) Naphthalene	15.233	128	83	4.003	ug/l #	69

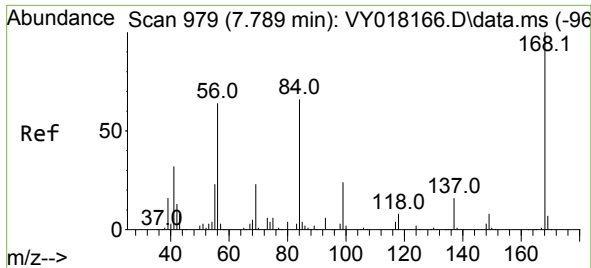
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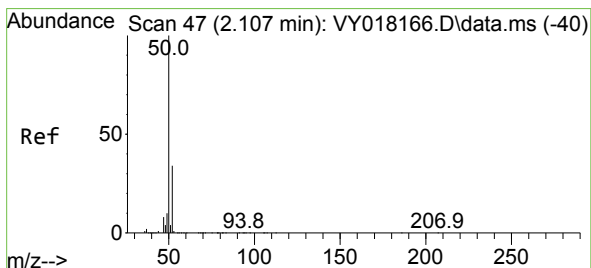
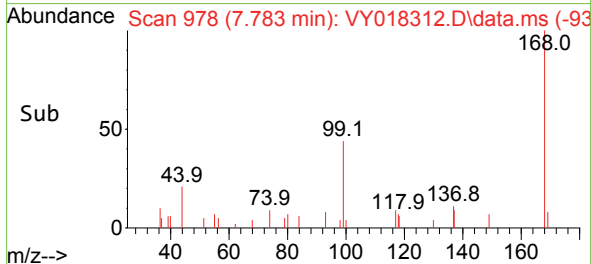
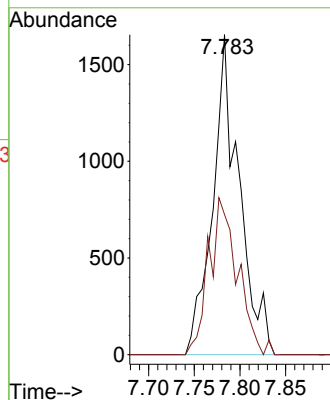
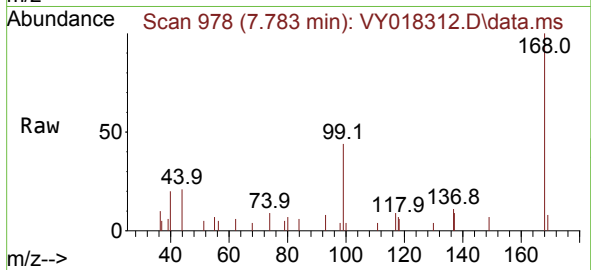




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018312.D
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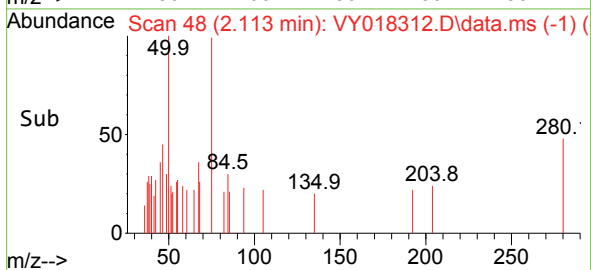
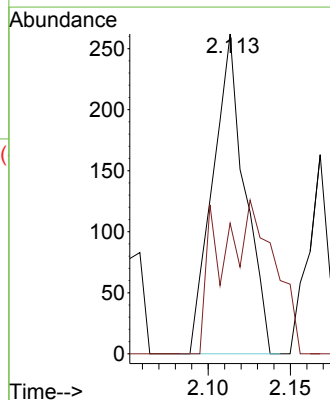
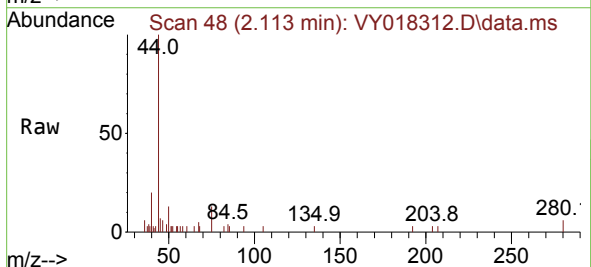
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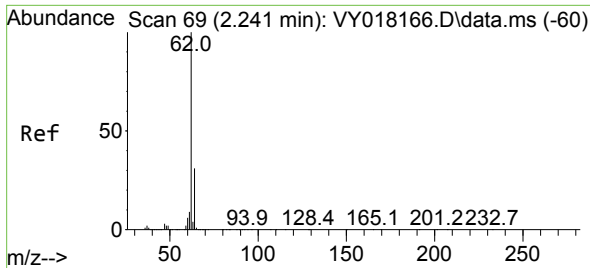
Tgt Ion:168 Resp: 3333
Ion Ratio Lower Upper
168 100
99 43.8 39.1 58.7



#3
Chloromethane
Concen: 10.061 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 50 Resp: 356
Ion Ratio Lower Upper
50 100
52 40.8 25.6 38.4#

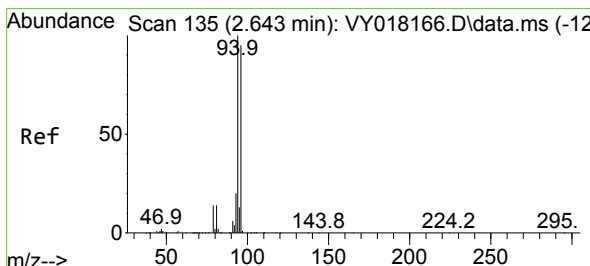
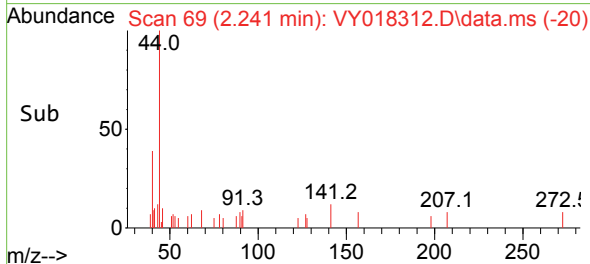
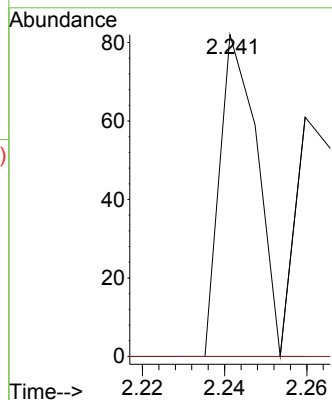
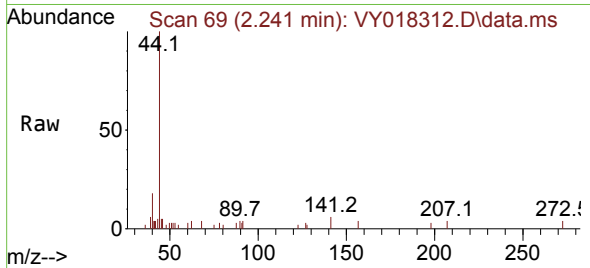




#4
 Vinyl Chloride
 Concen: 1.212 ug/l
 RT: 2.241 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VY018312.D
 Acq: 17 May 2024 16:46

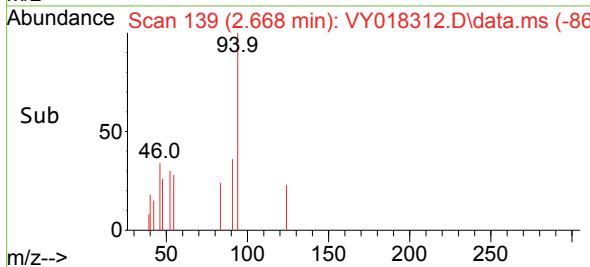
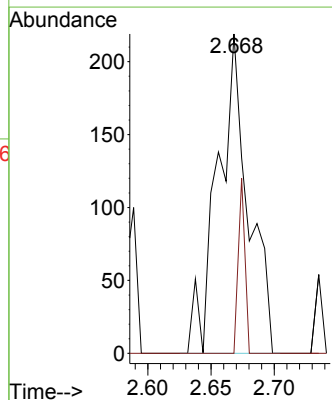
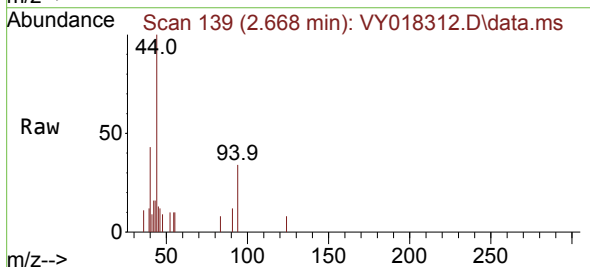
Instrument :
 MSVOA_Y
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 TP-16

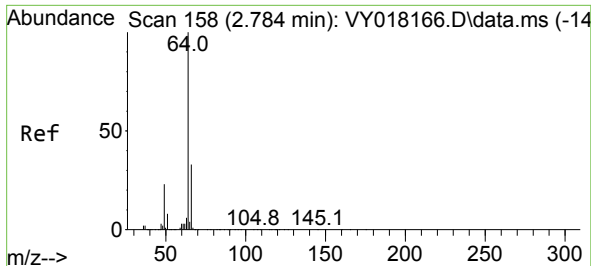
Tgt Ion: 62 Resp: 52
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#5
 Bromomethane
 Concen: 12.388 ug/l
 RT: 2.668 min Scan# 139
 Delta R.T. 0.025 min
 Lab File: VY018312.D
 Acq: 17 May 2024 16:46

Tgt Ion: 94 Resp: 369
 Ion Ratio Lower Upper
 94 100
 96 0.0 74.1 111.1#

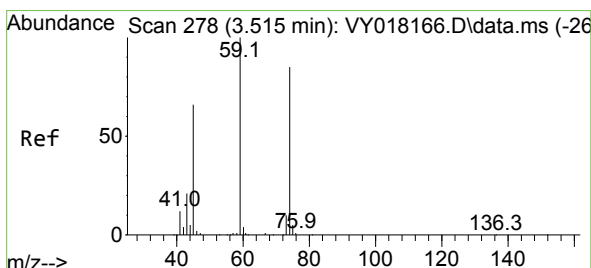
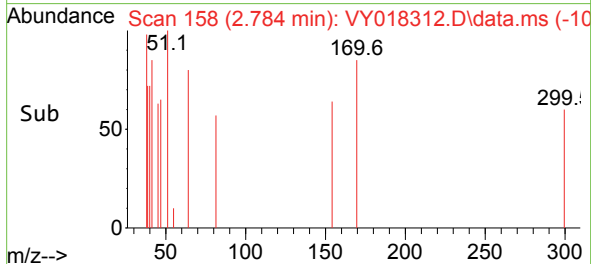
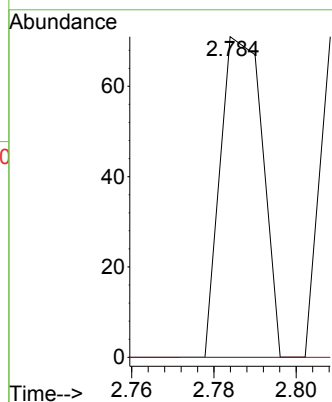
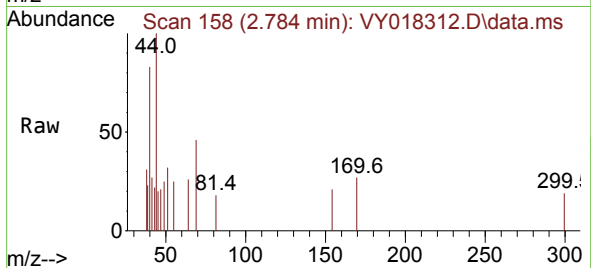




#6
Chloroethane
Concen: 1.837 ug/l
RT: 2.784 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

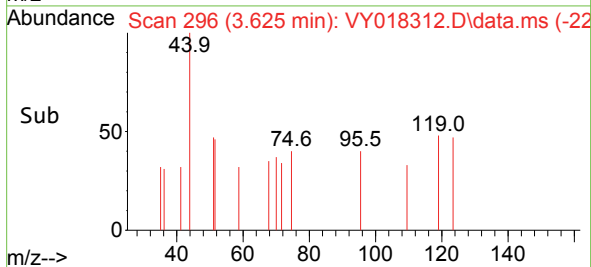
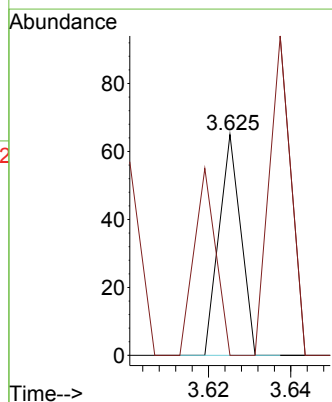
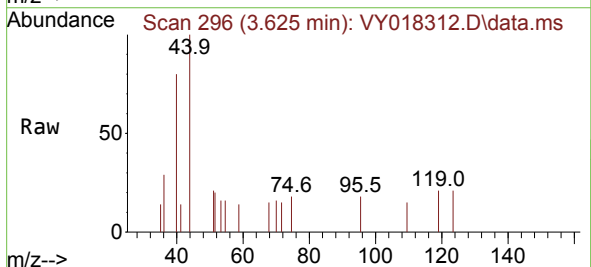
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

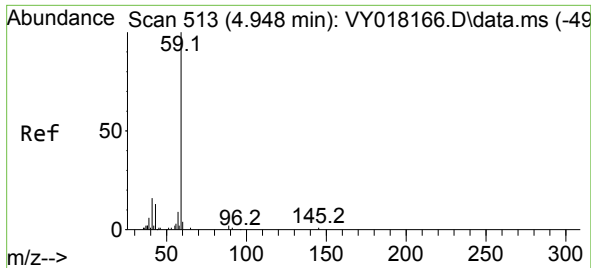
Tgt Ion: 64 Resp: 50
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#8
Diethyl Ether
Concen: 1.451 ug/l
RT: 3.625 min Scan# 296
Delta R.T. 0.110 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 74 Resp: 24
Ion Ratio Lower Upper
74 100
45 83.3 41.3 124.1

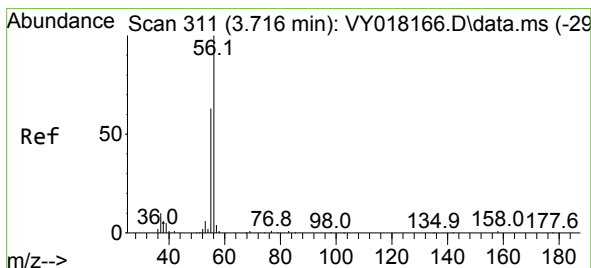
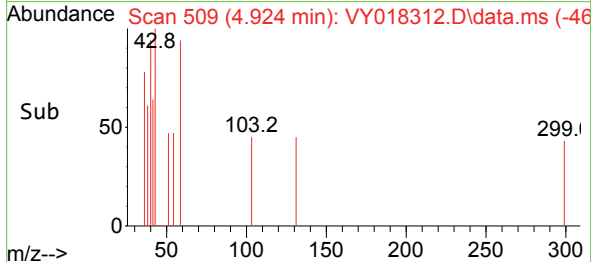
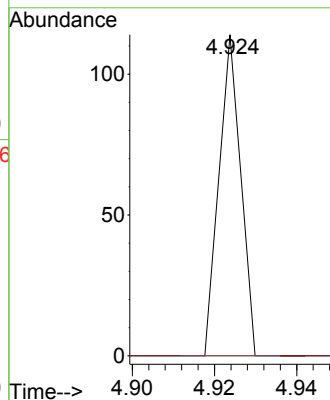
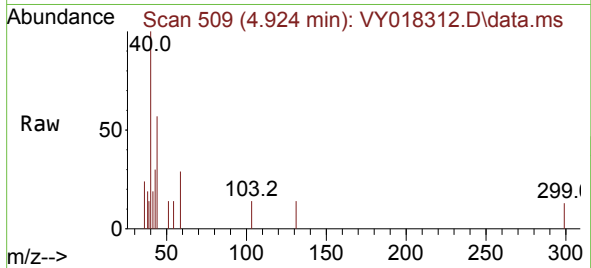




#11
Tert butyl alcohol
Concen: 8.030 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

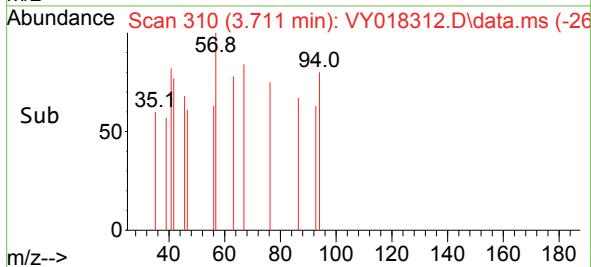
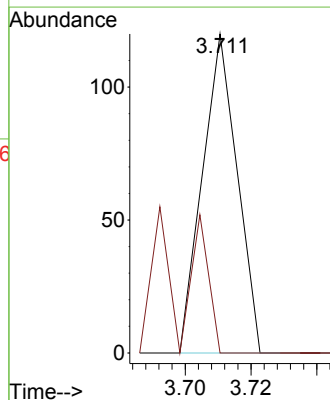
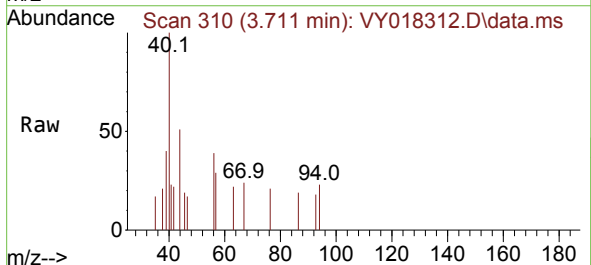
Instrument :
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ClientSampleId :
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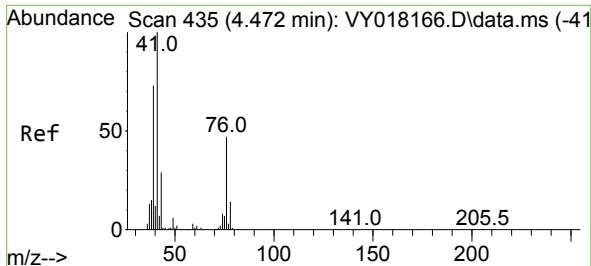
Tgt Ion: 59 Resp: 42
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: 32.781 ug/l
RT: 3.711 min Scan# 310
Delta R.T. -0.005 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 56 Resp: 88
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#

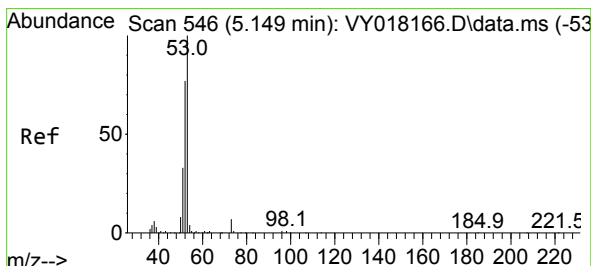
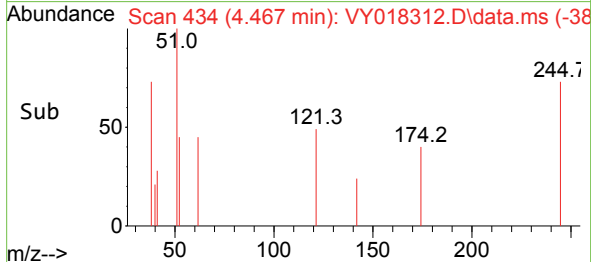
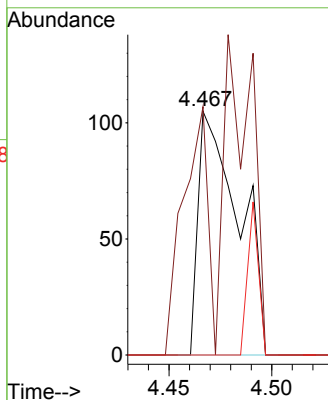
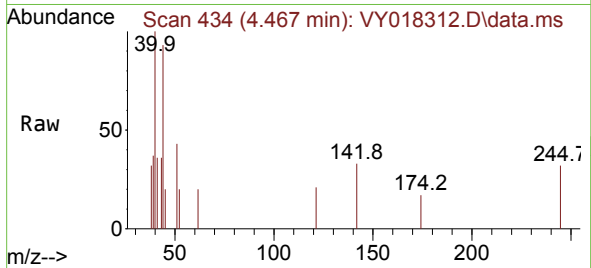




#14
Allyl chloride
Concen: 3.512 ug/l
RT: 4.467 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

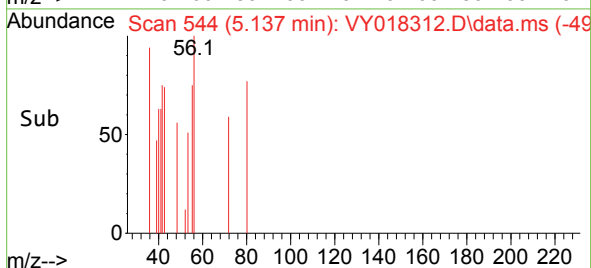
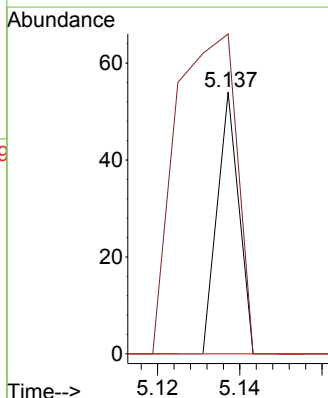
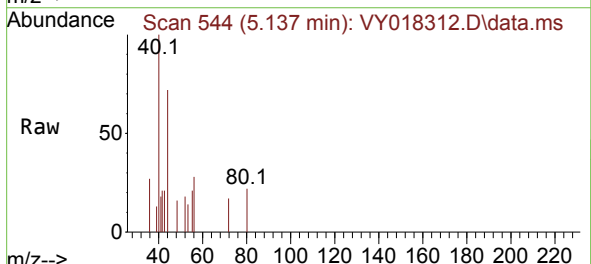
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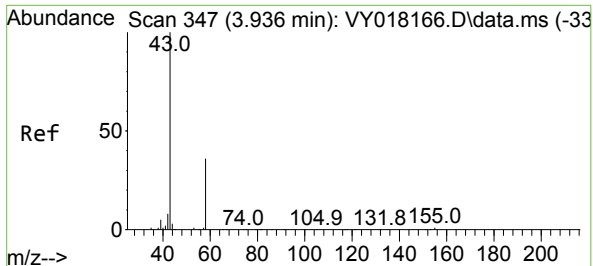
Tgt Ion	41	39	76	Resp	144
Ratio	100	61.8	0.0		
Lower		58.3	39.0		
Upper		87.5	58.6		



#15
Acrylonitrile
Concen: 3.145 ug/l
RT: 5.137 min Scan# 544
Delta R.T. -0.012 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion	53	52	51	Resp	20
Ratio	100	335.0	0.0		
Lower		64.7	28.4		
Upper		97.1	42.6		

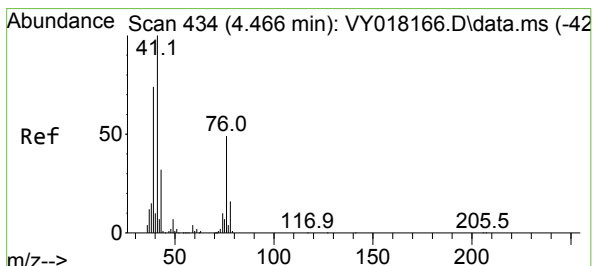
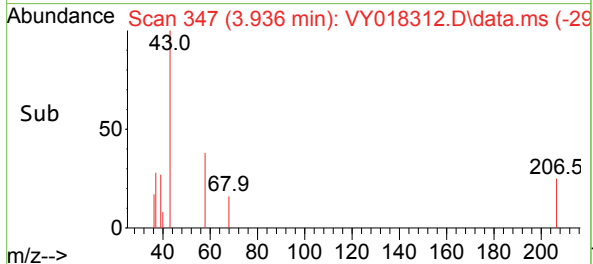
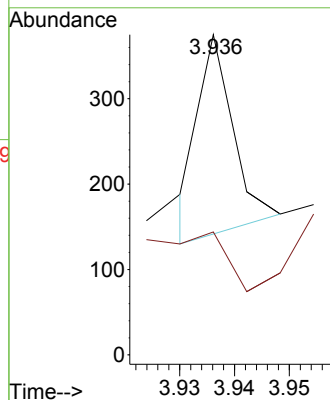
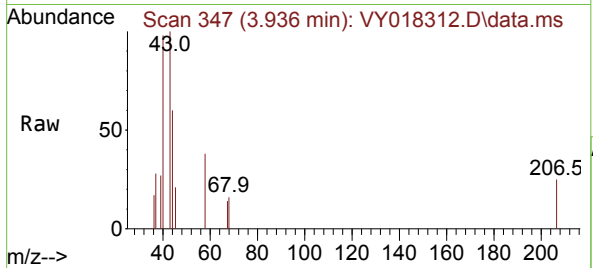




#16
Acetone
Concen: 21.458 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

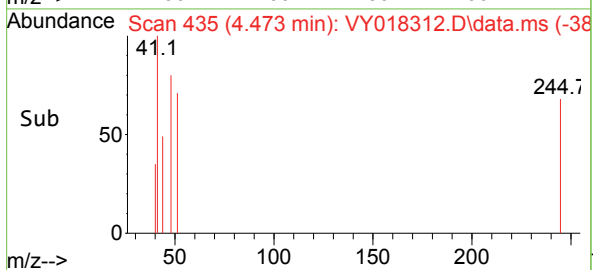
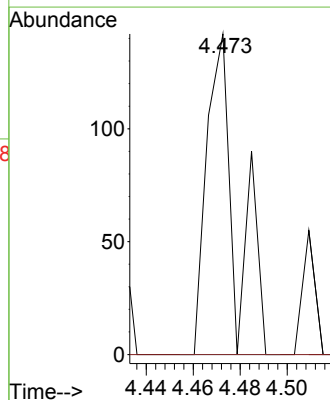
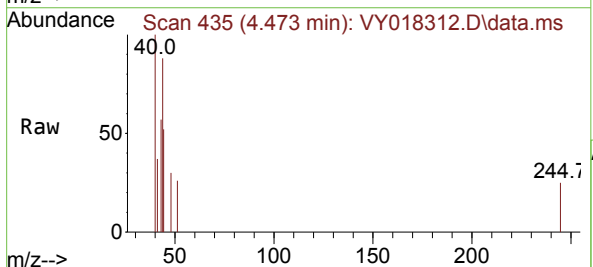
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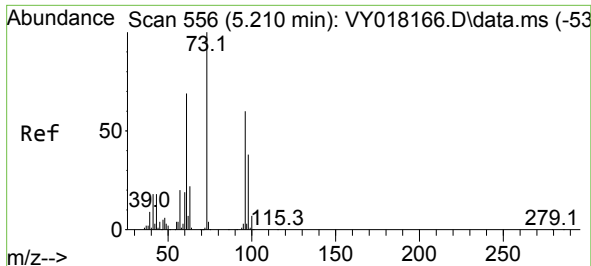
Tgt Ion: 43 Resp: 105
Ion Ratio Lower Upper
43 100
58 22.9 31.7 47.5#



#18
Methyl Acetate
Concen: 8.896 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 1.058 ug/l

RT: 5.229 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY018312.D

Acq: 17 May 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

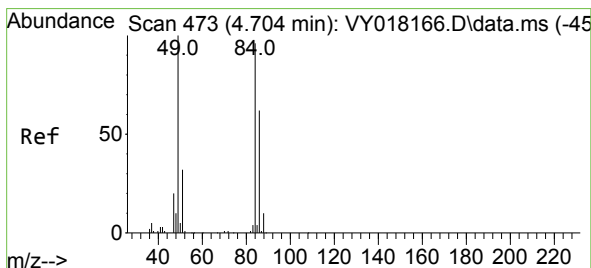
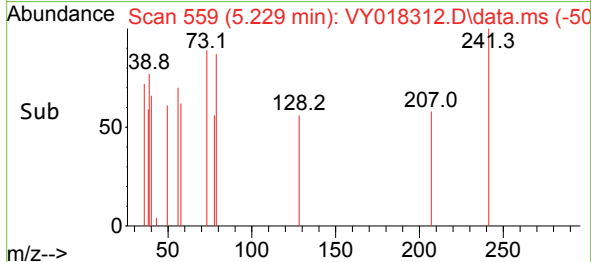
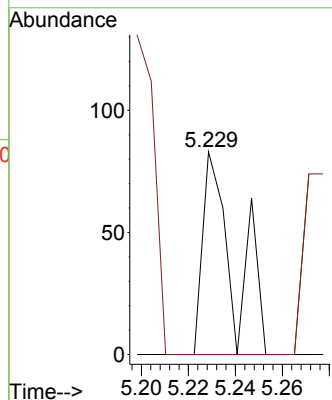
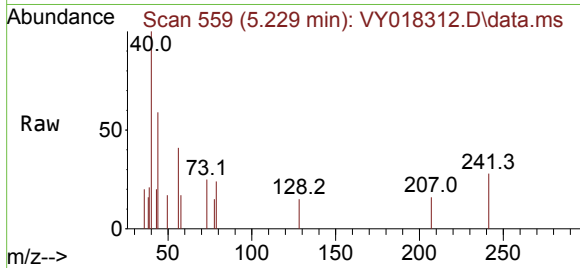
TP-16

Tgt Ion: 73 Resp: 76

Ion Ratio Lower Upper

73 100

57 69.9 17.3 25.9#



#20

Methylene Chloride

Concen: 5.985 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018312.D

Acq: 17 May 2024 16:46

Tgt Ion: 84 Resp: 207

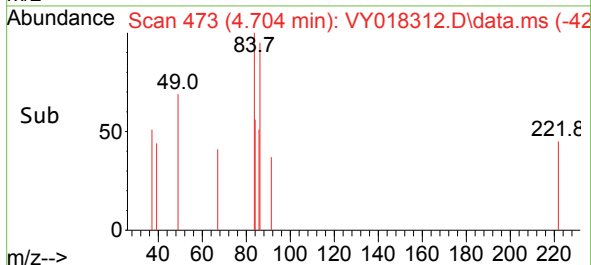
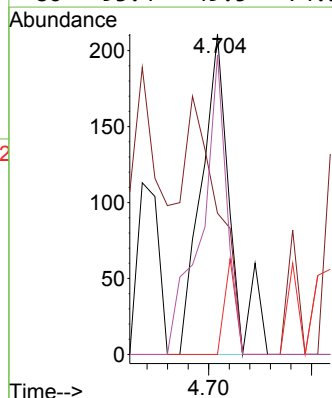
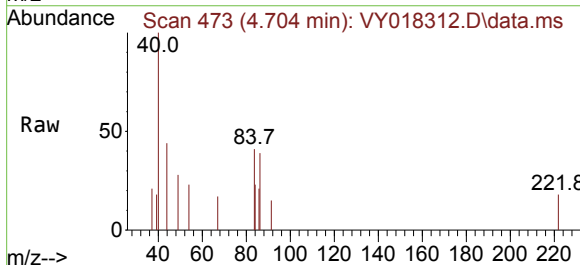
Ion Ratio Lower Upper

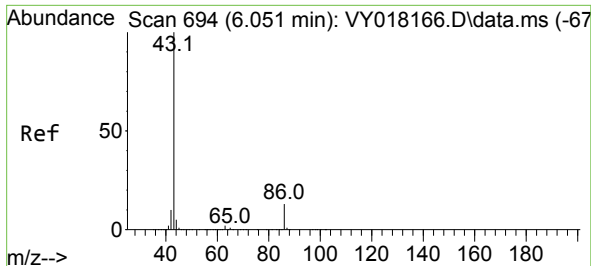
84 100

49 44.1 84.4 126.6#

51 0.0 26.0 39.0#

86 93.4 49.5 74.3#

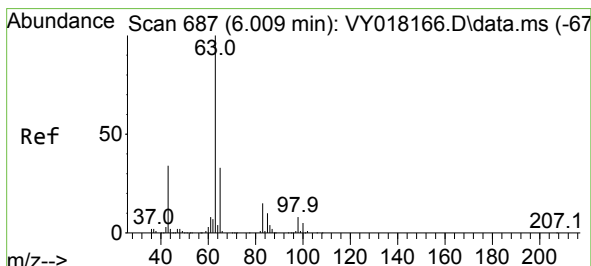
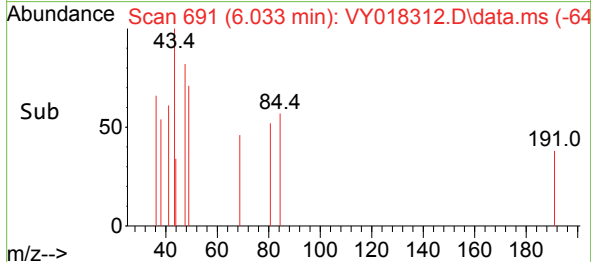
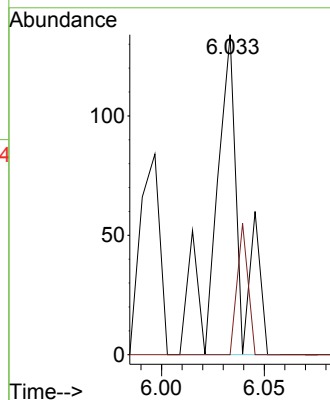
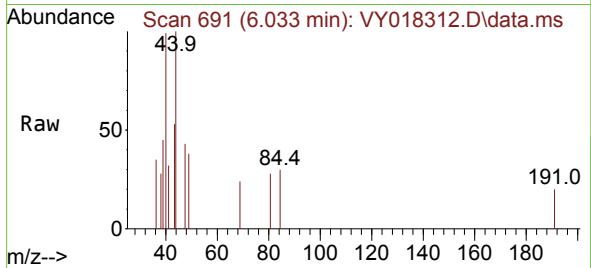




#23
 Vinyl Acetate
 Concen: 2.213 ug/l
 RT: 6.033 min Scan# 694
 Delta R.T. -0.018 min
 Lab File: VY018312.D
 Acq: 17 May 2024 16:46

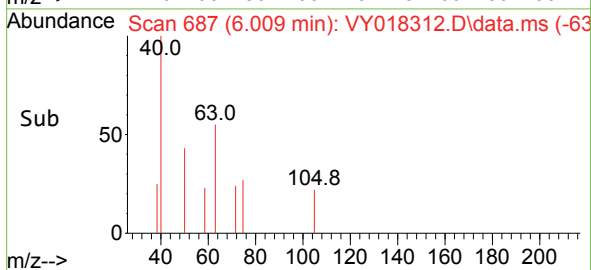
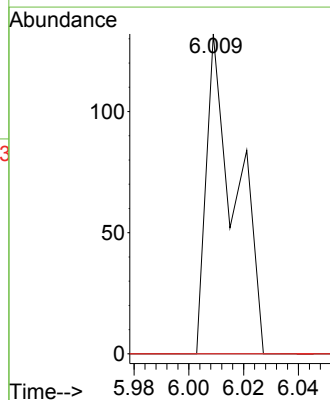
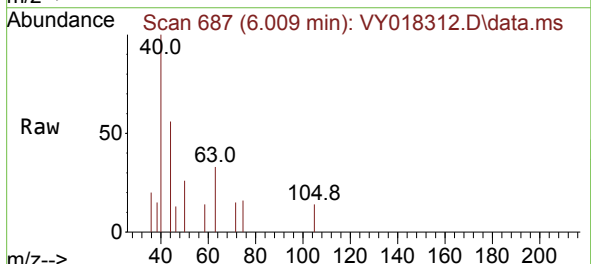
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-16

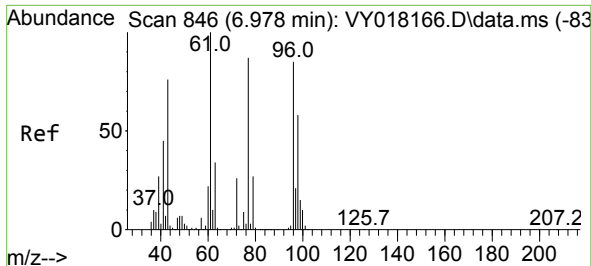
Tgt Ion: 43 Resp: 117
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 1.829 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY018312.D
 Acq: 17 May 2024 16:46

Tgt Ion: 63 Resp: 98
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.0 12.2#
 100 0.0 2.6 8.0#

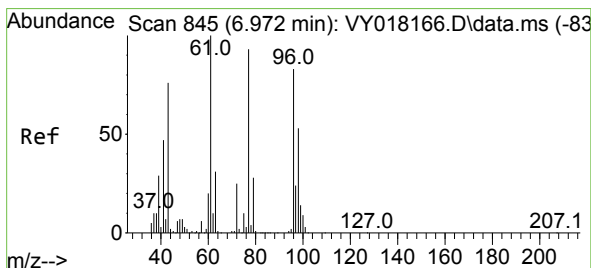
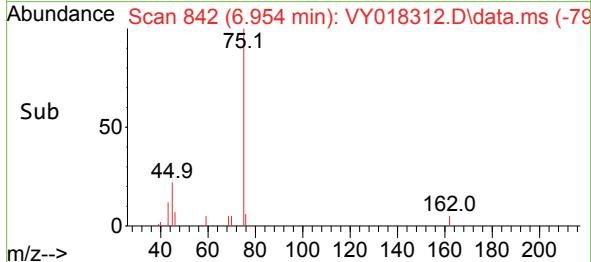
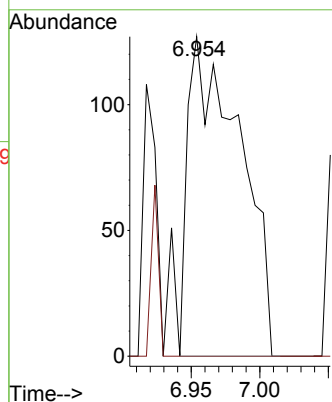
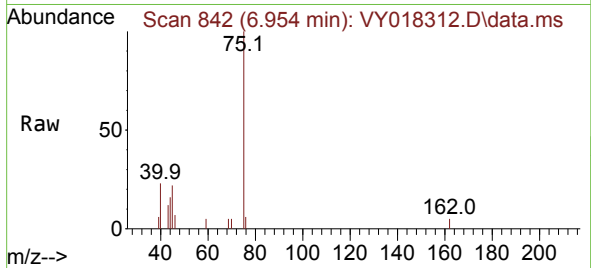




#25
2-Butanone
Concen: 42.702 ug/l
RT: 6.954 min Scan# 84
Delta R.T. -0.024 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

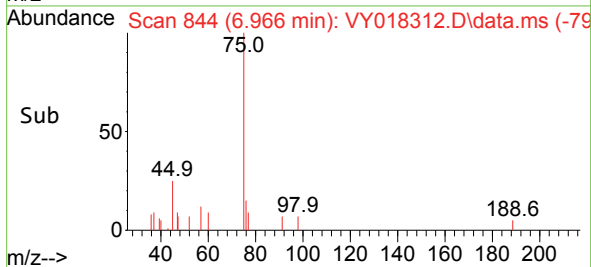
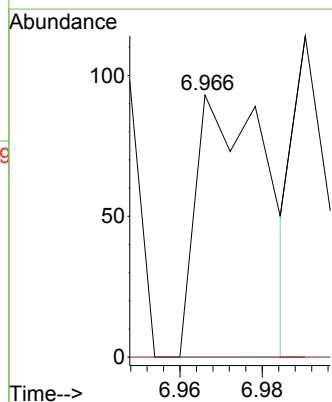
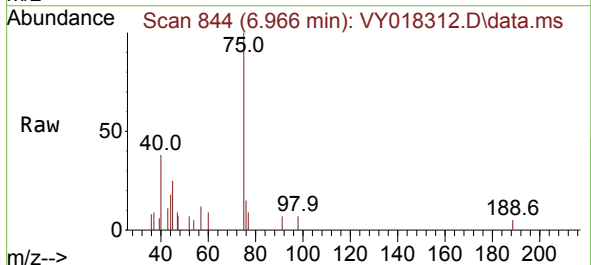
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

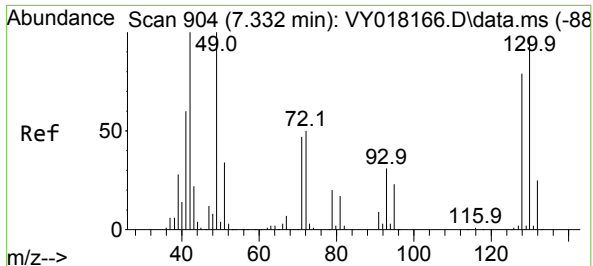
Tgt Ion: 43 Resp: 334
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 2.310 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 77 Resp: 112
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#





#28

Bromochloromethane

Concen: 1.401 ug/l

RT: 7.307 min Scan# 900

Delta R.T. -0.024 min

Lab File: VY018312.D

Acq: 17 May 2024 16:46

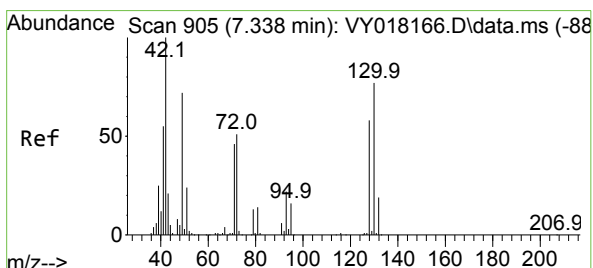
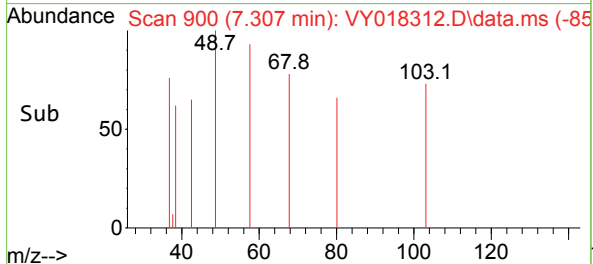
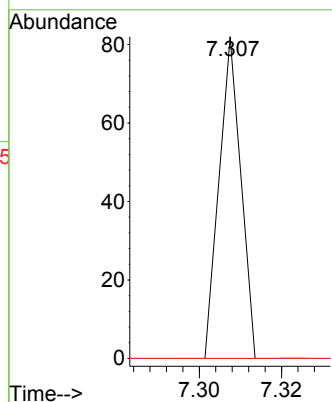
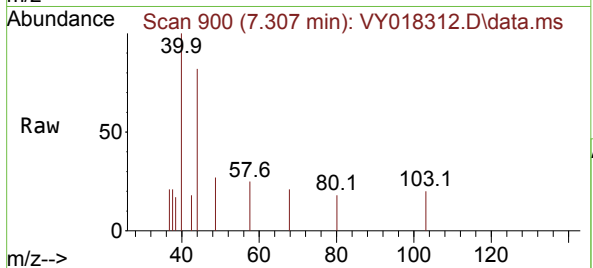
Instrument :

MSVOA_Y

ClientSampleId :

TP-16

Tgt Ion:	49	Resp:	30
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	72.7	109.1#



#29

Tetrahydrofuran

Concen: 8.909 ug/l

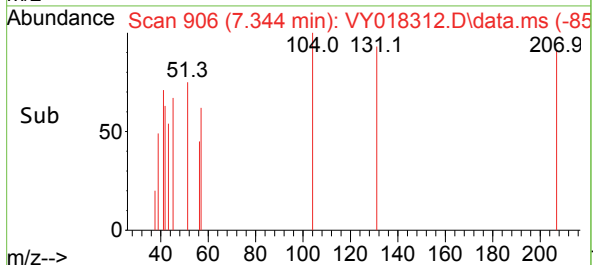
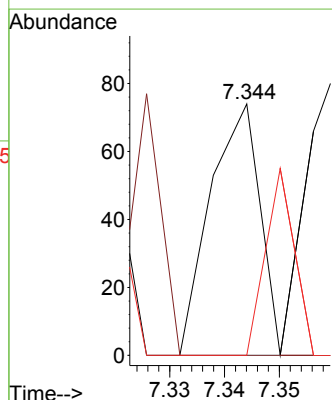
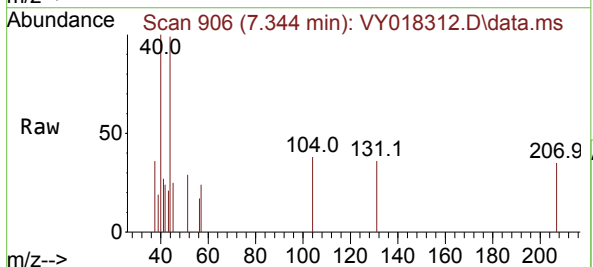
RT: 7.344 min Scan# 906

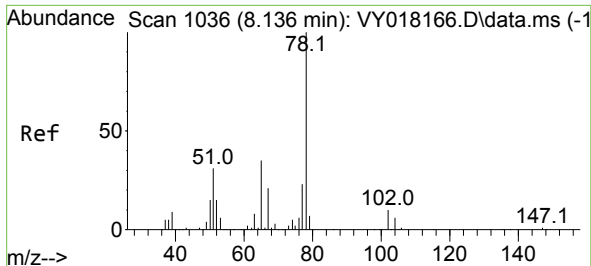
Delta R.T. 0.006 min

Lab File: VY018312.D

Acq: 17 May 2024 16:46

Tgt Ion:	42	Resp:	46
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	43.5	40.8	61.2





#33

1,2-Dichloroethane-d4

Concen: 81.363 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018312.D

Acq: 17 May 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

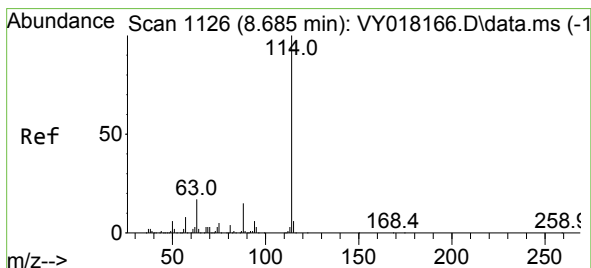
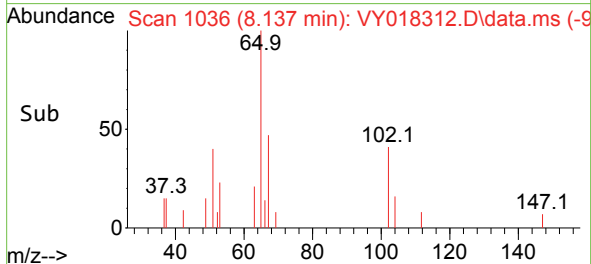
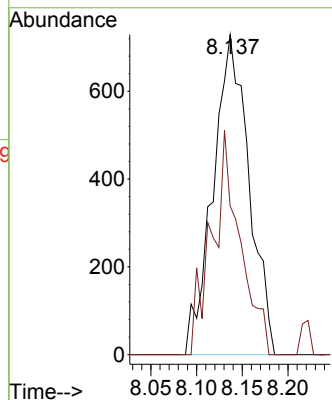
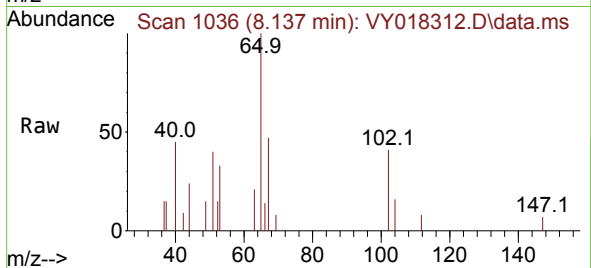
TP-16

Tgt Ion: 65 Resp: 1995

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018312.D

Acq: 17 May 2024 16:46

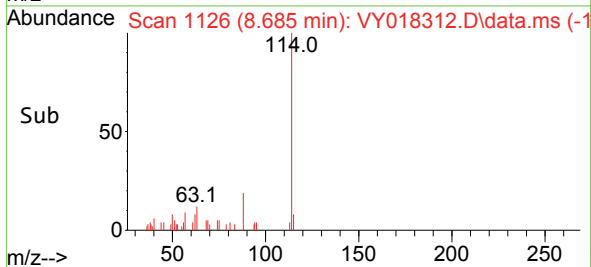
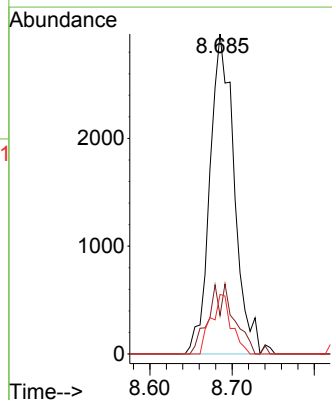
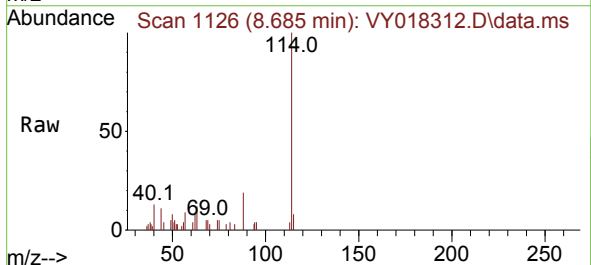
Tgt Ion: 114 Resp: 6144

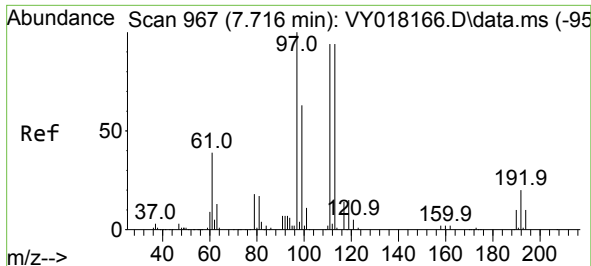
Ion Ratio Lower Upper

114 100

63 12.0 0.0 35.0

88 18.6 0.0 27.2

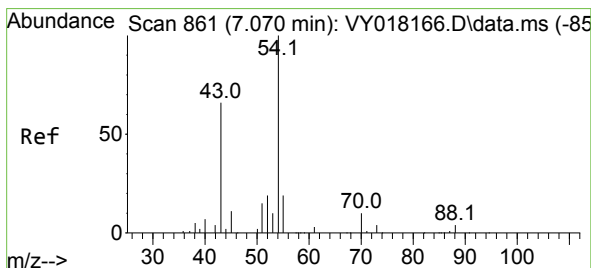
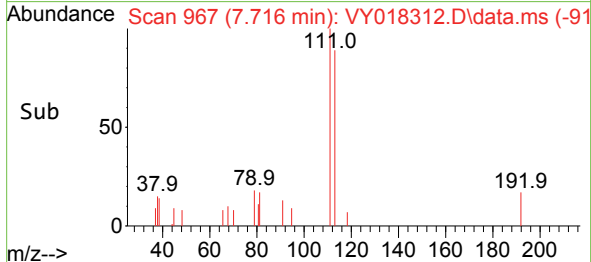
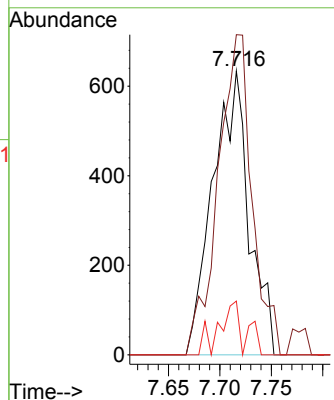
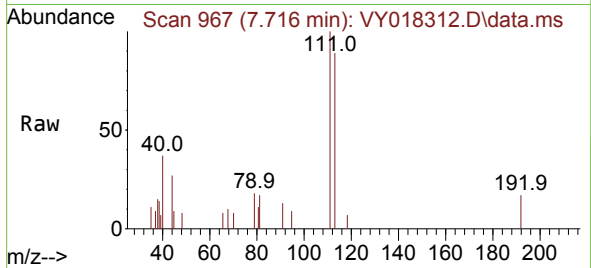




#35
Dibromofluoromethane
Concen: 48.065 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

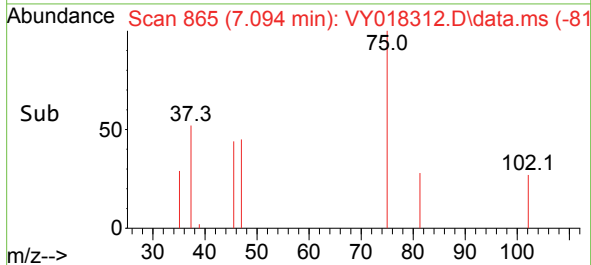
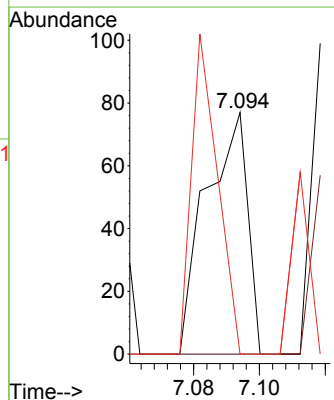
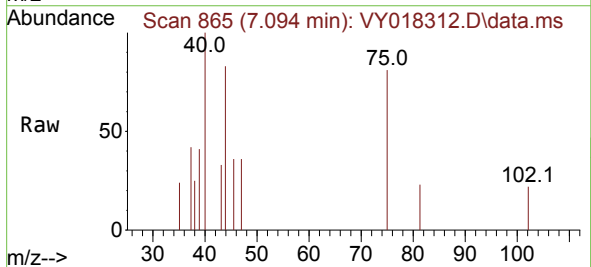
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

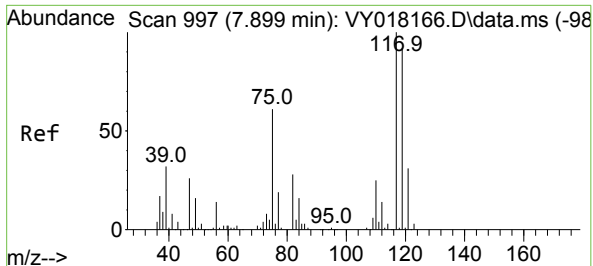
Tgt Ion:113 Resp: 1552
Ion Ratio Lower Upper
113 100
111 105.9 82.2 123.4
192 8.4 15.9 23.9#



#37
Ethyl Acetate
Concen: 3.439 ug/l
RT: 7.094 min Scan# 865
Delta R.T. 0.025 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 83.6 7.8 11.8#

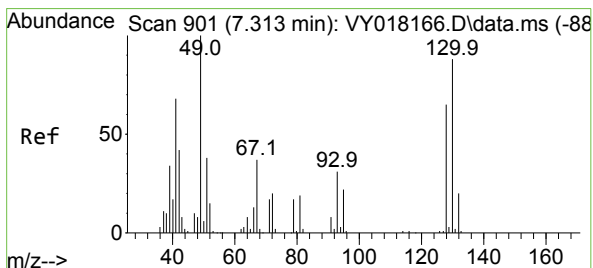
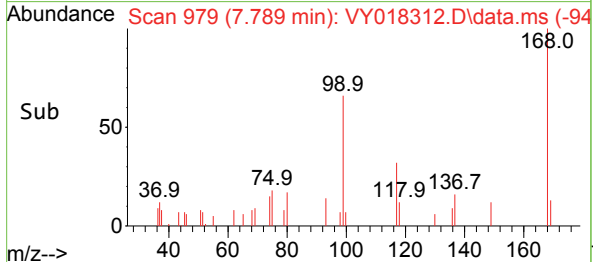
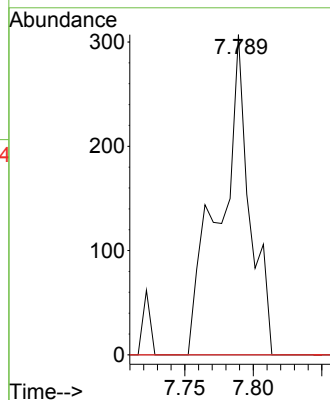
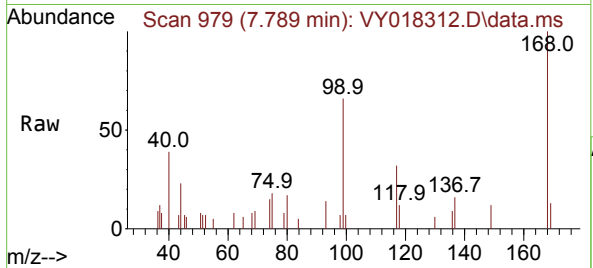




#38
Carbon Tetrachloride
Concen: 9.253 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

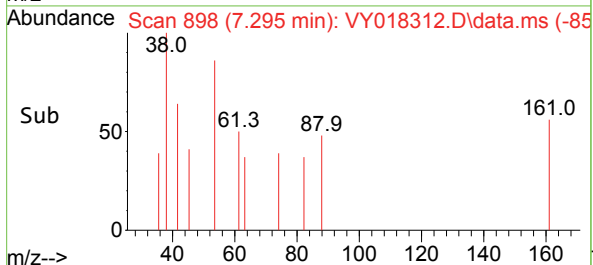
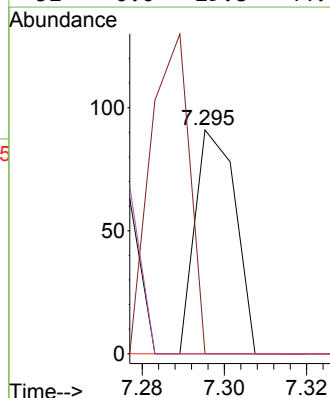
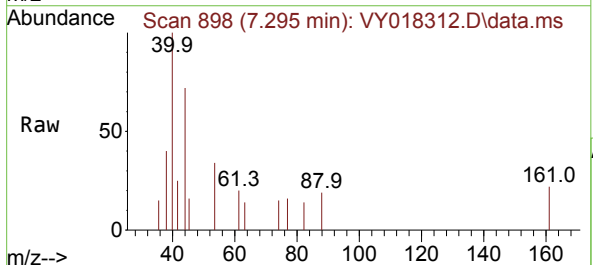
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

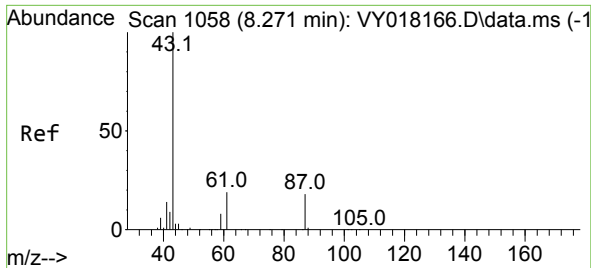
Tgt Ion:117 Resp: 468
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#41
Methacrylonitrile
Concen: 5.511 ug/l
RT: 7.295 min Scan# 898
Delta R.T. -0.018 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 41 Resp: 62
Ion Ratio Lower Upper
41 100
39 137.1 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#

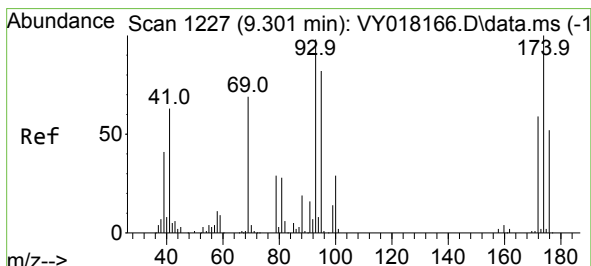
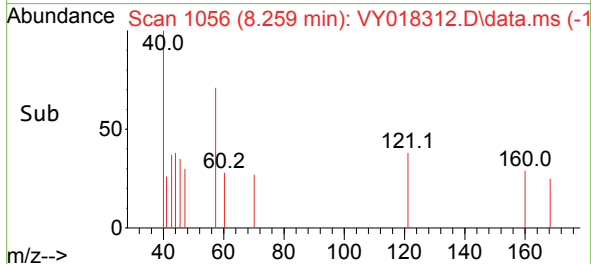
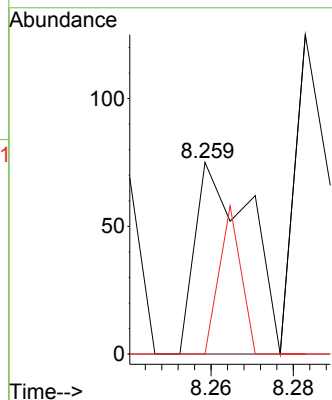
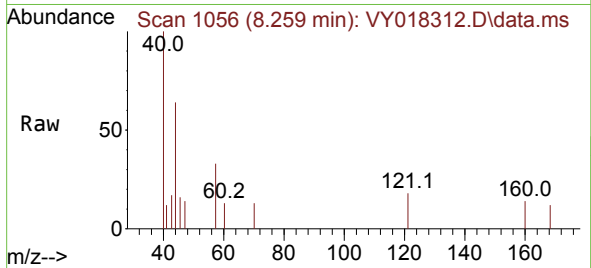




#43
Isopropyl Acetate
Concen: 1.728 ug/l
RT: 8.259 min Scan# 1193
Delta R.T. -0.012 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

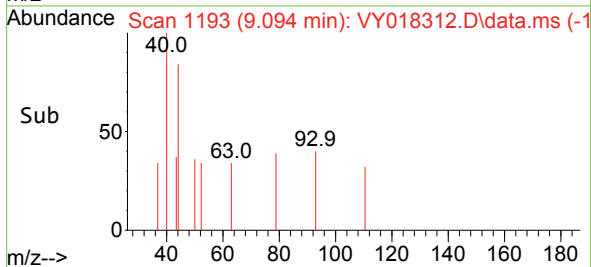
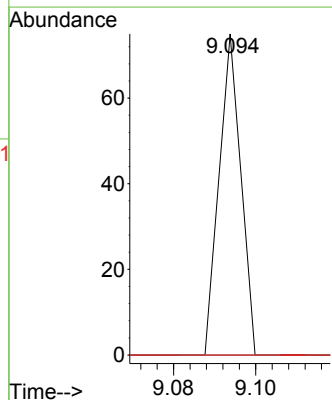
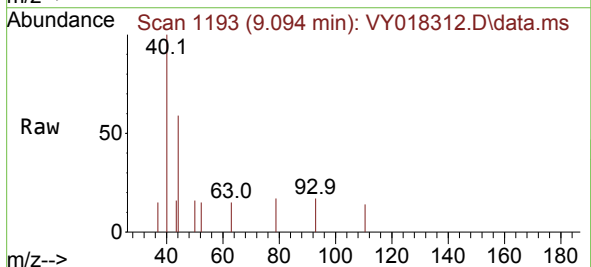
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

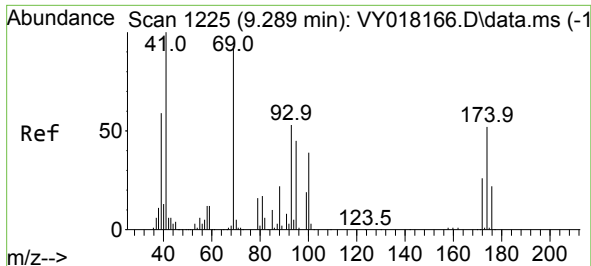
Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
61 0.0 27.9 41.9#
87 30.4 13.1 19.7#



#46
Dibromomethane
Concen: 1.443 ug/l
RT: 9.094 min Scan# 1193
Delta R.T. -0.207 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 93 Resp: 27
Ion Ratio Lower Upper
93 100
95 0.0 66.2 99.4#
174 0.0 80.9 121.3#

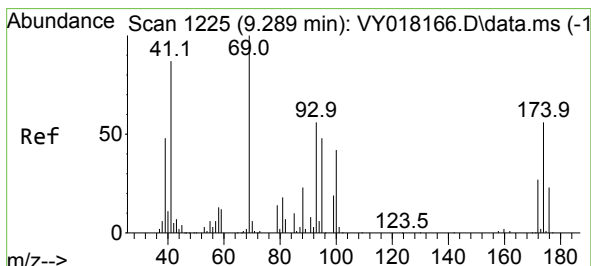
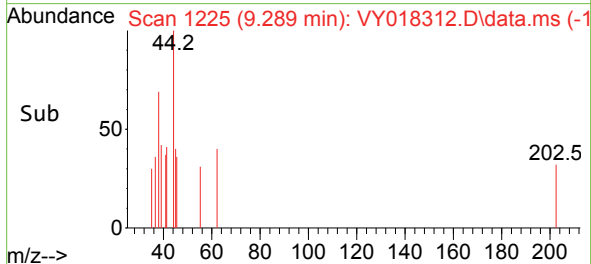
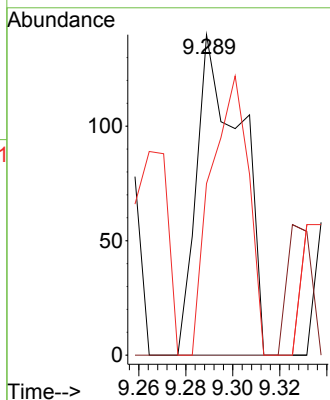
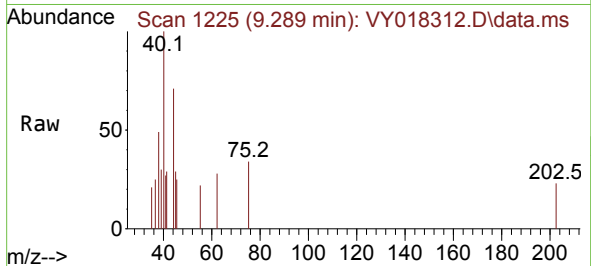




#48
Methyl methacrylate
Concen: 9.944 ug/l
RT: 9.289 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

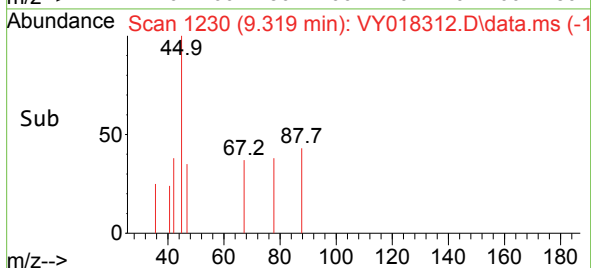
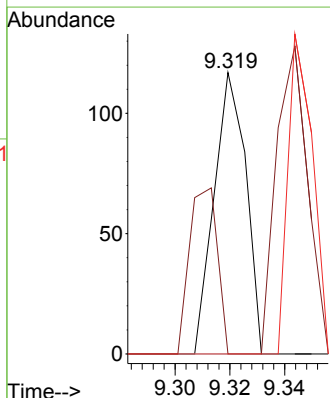
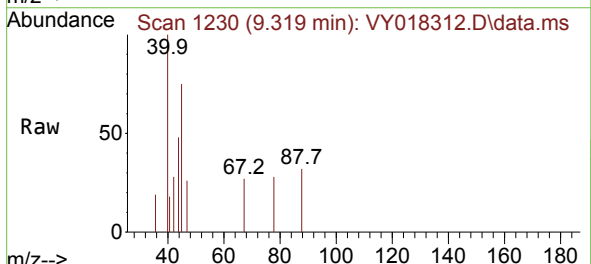
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

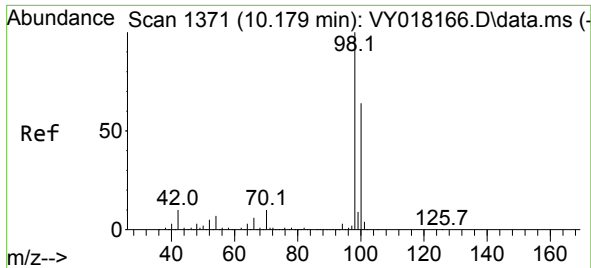
Tgt Ion: 41 Resp: 182
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 74.7 43.6 65.4#



#49
1,4-Dioxane
Concen: 378.421 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.031 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 88 Resp: 94
Ion Ratio Lower Upper
88 100
43 52.1 0.0 0.0#
58 0.0 49.3 73.9#

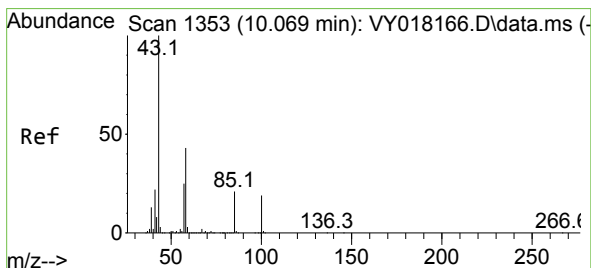
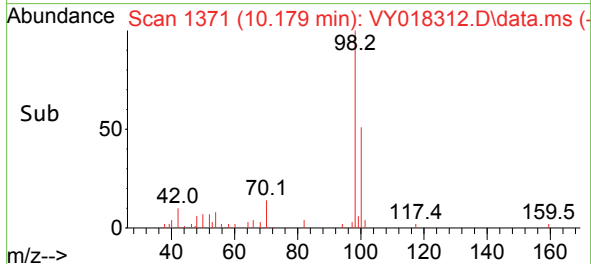
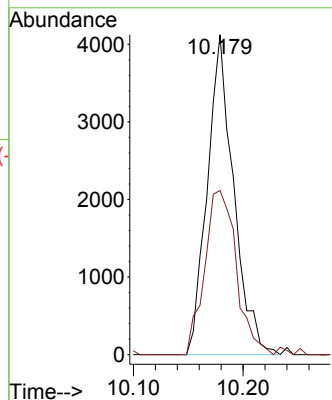
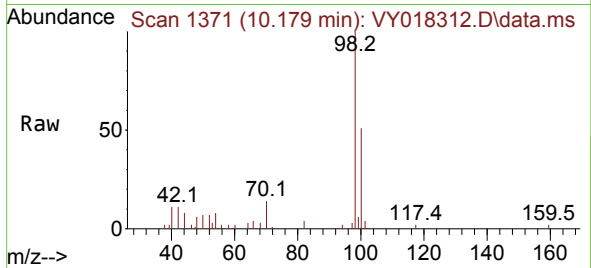




#50
Toluene-d8
Concen: 54.047 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

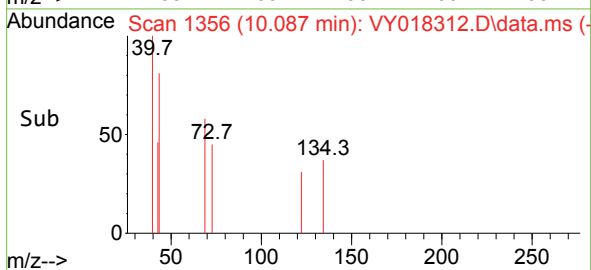
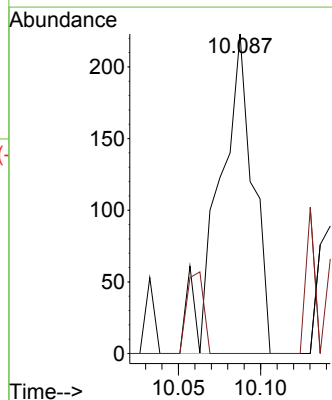
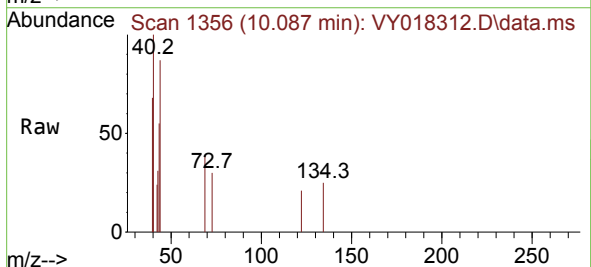
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

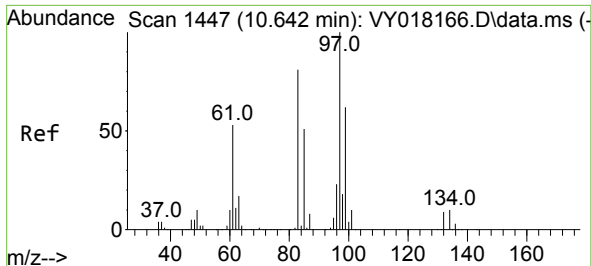
Tgt Ion: 98 Resp: 6877
Ion Ratio Lower Upper
98 100
100 61.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 15.943 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. 0.018 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

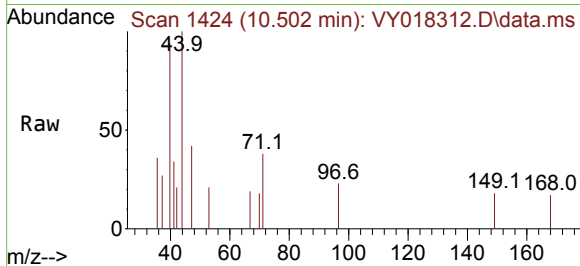
Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#



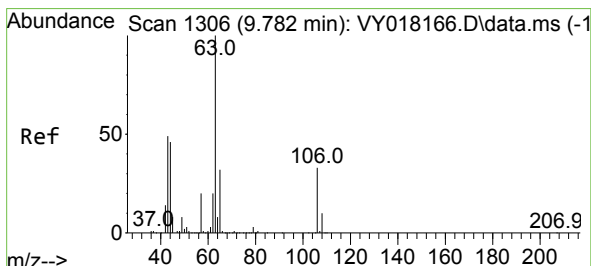
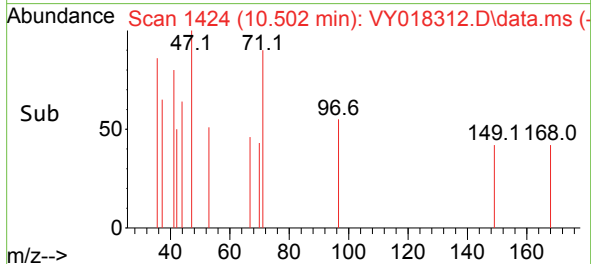
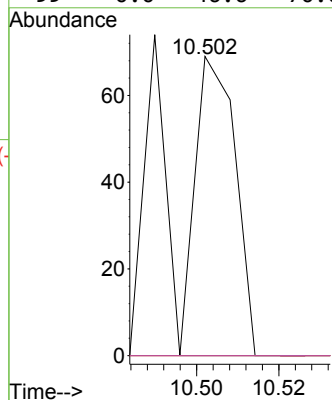


#55
1,1,2-Trichloroethane
Concen: 1.828 ug/l
RT: 10.502 min Scan# 1447
Delta R.T. -0.140 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Instrument :
MSVOA_Y
ClientSampleId :
TP-16

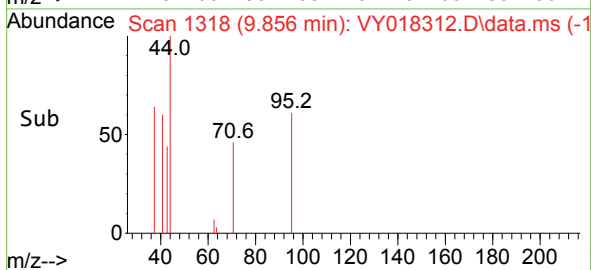
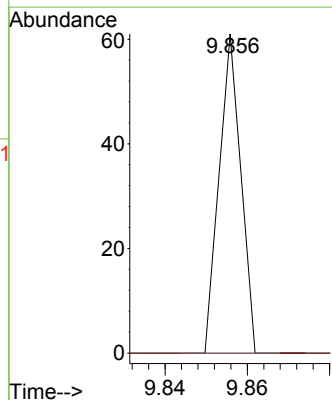
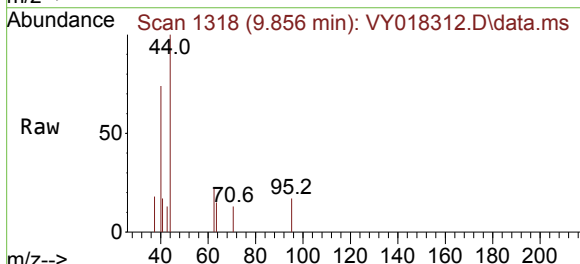


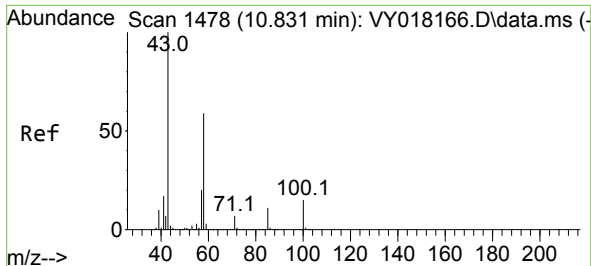
Tgt Ion: 97	Resp: 47
Ion Ratio	Lower Upper
97	100
83	0.0 67.5 101.3#
85	0.0 42.9 64.3#
99	0.0 46.6 70.0#



#58
2-Chloroethyl Vinyl ether
Concen: 1.320 ug/l
RT: 9.856 min Scan# 1318
Delta R.T. 0.073 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 63	Resp: 22
Ion Ratio	Lower Upper
63	100
106	0.0 23.7 35.5#

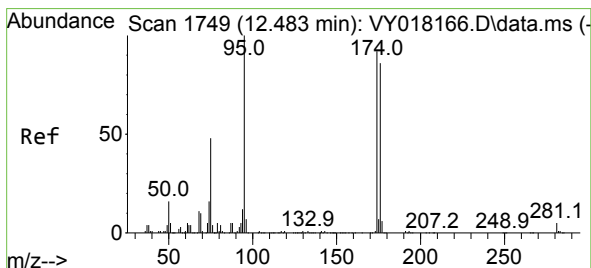
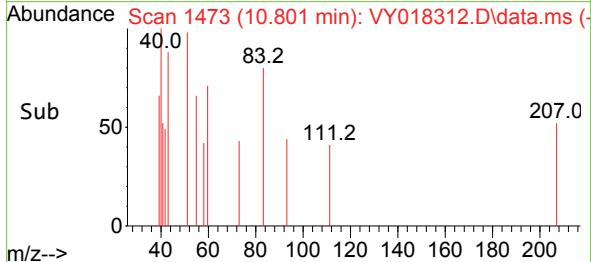
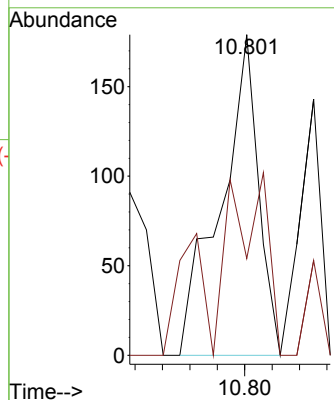
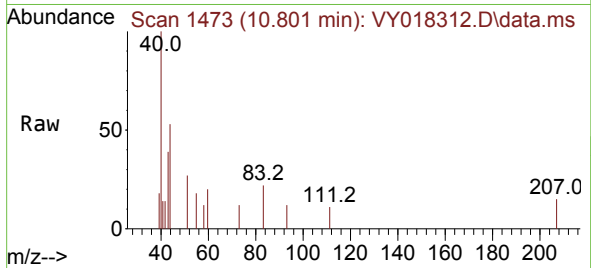




#59
2-Hexanone
Concen: 12.256 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

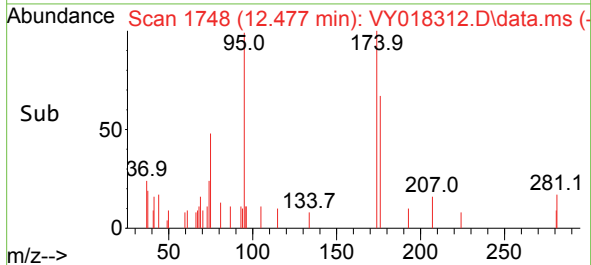
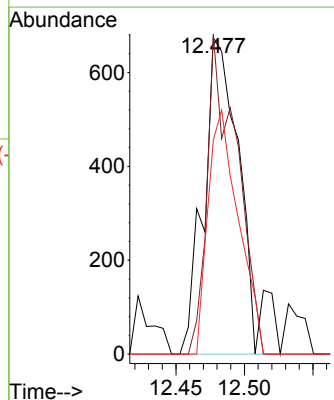
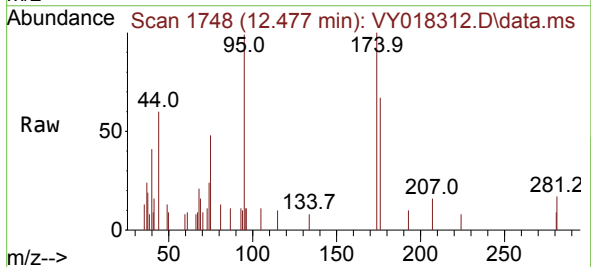
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

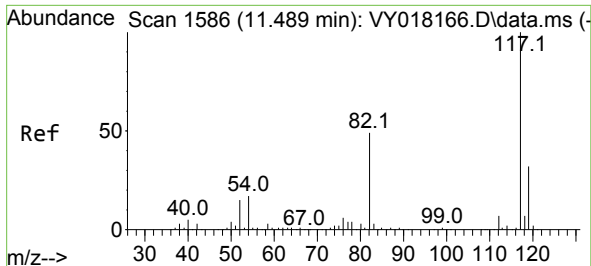
Tgt Ion: 43 Resp: 172
Ion Ratio Lower Upper
43 100
58 54.1 31.4 94.0



#62
4-Bromofluorobenzene
Concen: 30.858 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 95 Resp: 1268
Ion Ratio Lower Upper
95 100
174 81.1 0.0 175.6
176 63.5 0.0 171.4

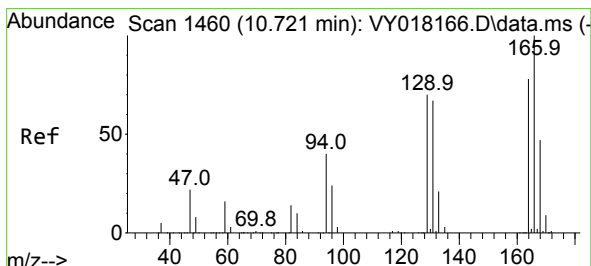
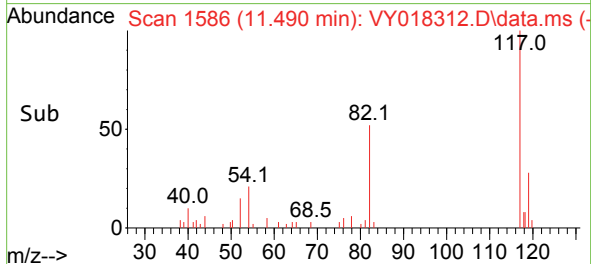
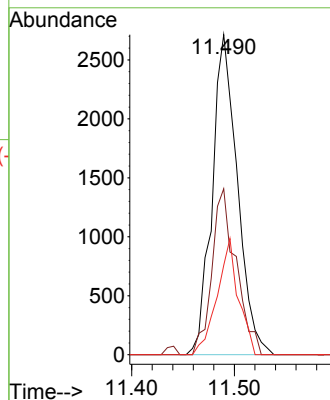
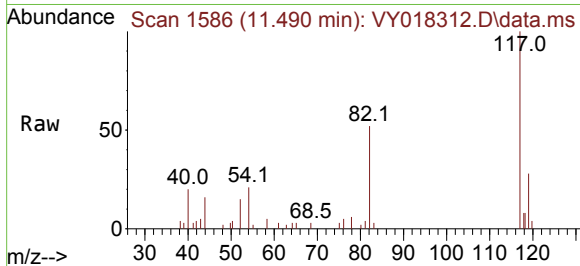




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

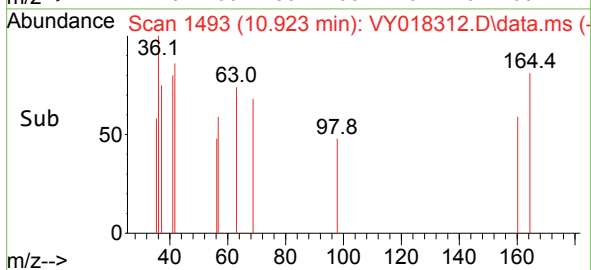
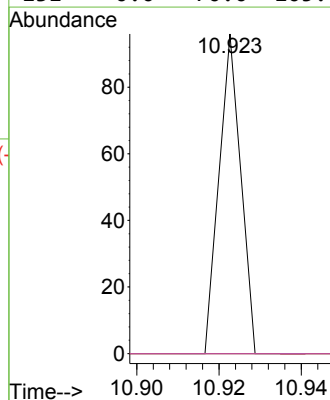
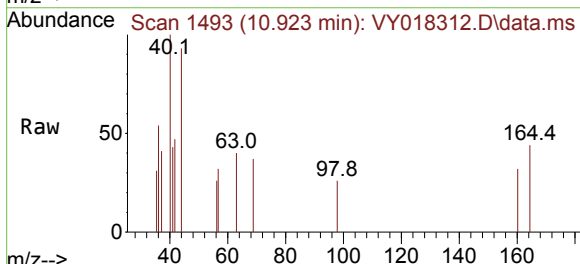
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

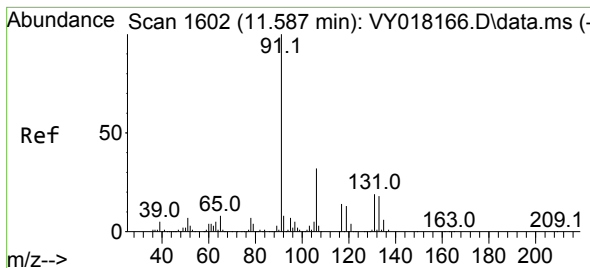
Tgt Ion:117	Resp:	4633
Ion	Ratio	Lower Upper
117	100	
82	51.9	42.4 63.6
119	27.9	25.9 38.9



#64
Tetrachloroethene
Concen: 1.135 ug/l
RT: 10.923 min Scan# 1493
Delta R.T. 0.201 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion:164	Resp:	35
Ion	Ratio	Lower Upper
164	100	
166	0.0	102.6 154.0#
129	0.0	72.0 108.0#
131	0.0	70.0 105.0#

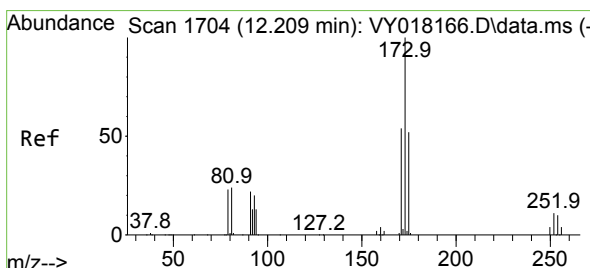
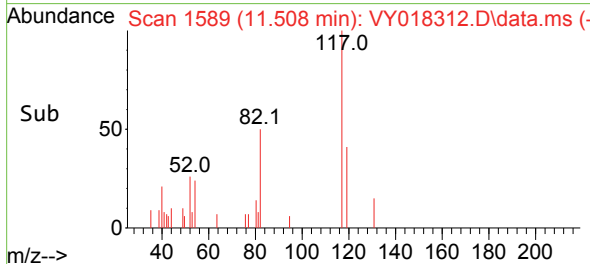
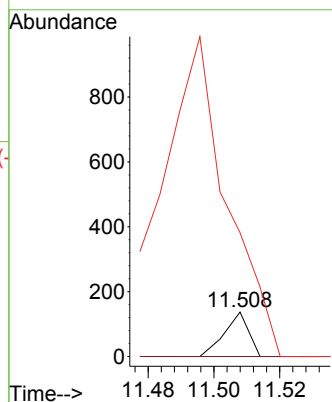
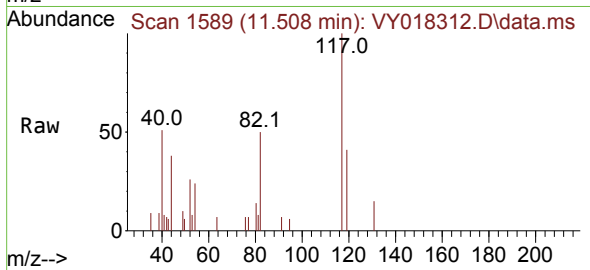




#66
 1,1,1,2-Tetrachloroethane
 Concen: 2.293 ug/l
 RT: 11.508 min Scan# 11
 Delta R.T. -0.079 min
 Lab File: VY018312.D
 Acq: 17 May 2024 16:46

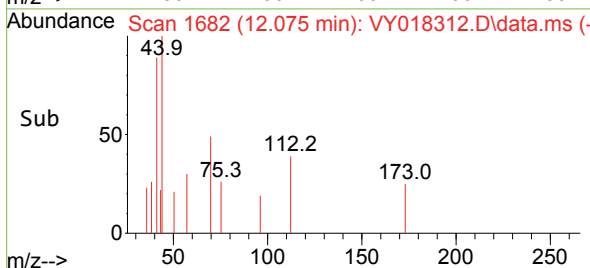
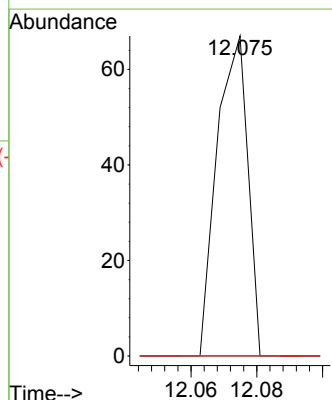
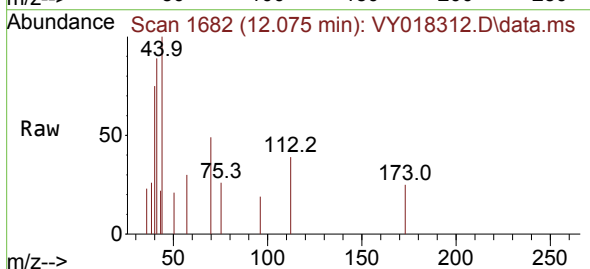
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-16

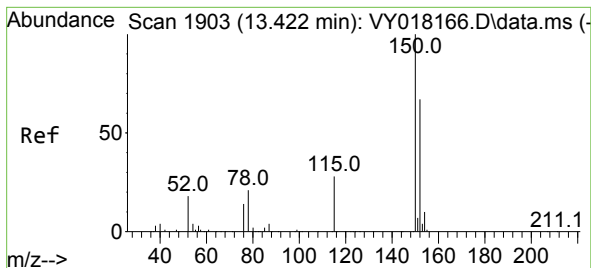
Tgt Ion:131 Resp: 70
 Ion Ratio Lower Upper
 131 100
 133 0.0 47.8 143.3#
 119 2028.6 34.1 102.2#



#71
 Bromoform
 Concen: 2.605 ug/l
 RT: 12.075 min Scan# 1682
 Delta R.T. -0.134 min
 Lab File: VY018312.D
 Acq: 17 May 2024 16:46

Tgt Ion:173 Resp: 44
 Ion Ratio Lower Upper
 173 100
 175 0.0 25.1 75.3#
 254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY018312.D

Acq: 17 May 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

TP-16

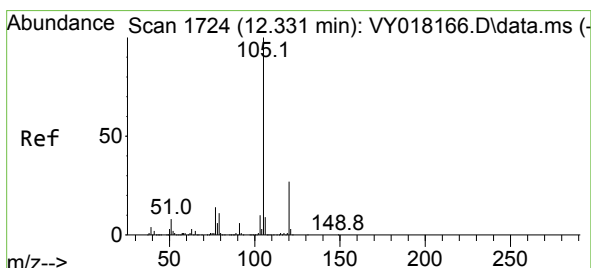
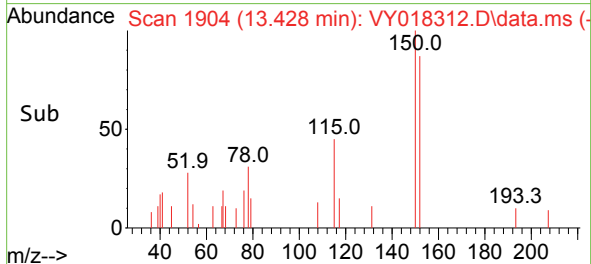
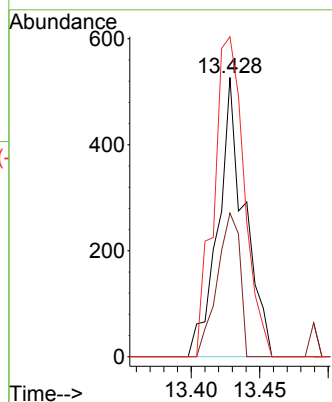
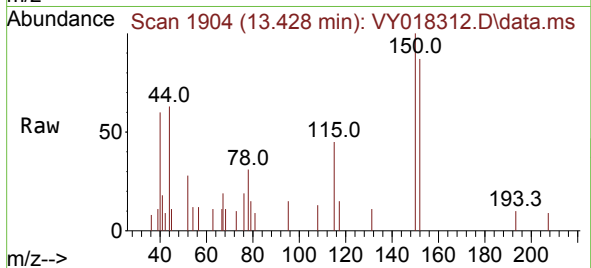
Tgt Ion:152 Resp: 704

Ion Ratio Lower Upper

152 100

115 44.3 28.2 84.7

150 132.5 0.0 345.6



#73

Isopropylbenzene

Concen: 1.137 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.153 min

Lab File: VY018312.D

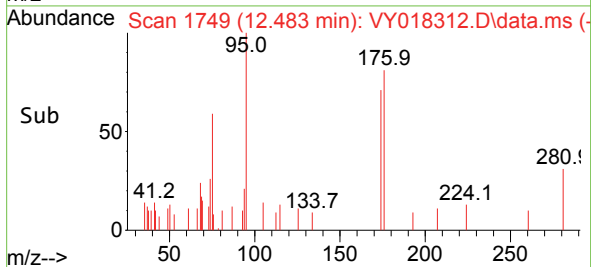
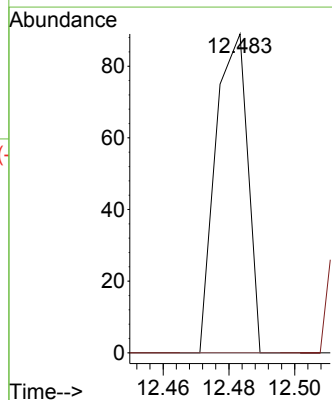
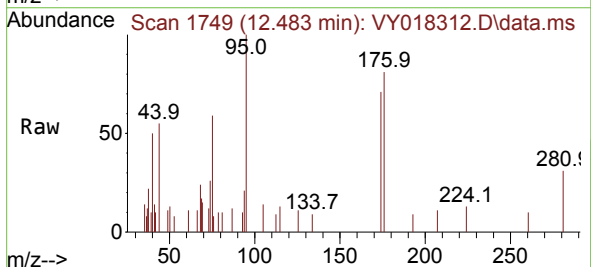
Acq: 17 May 2024 16:46

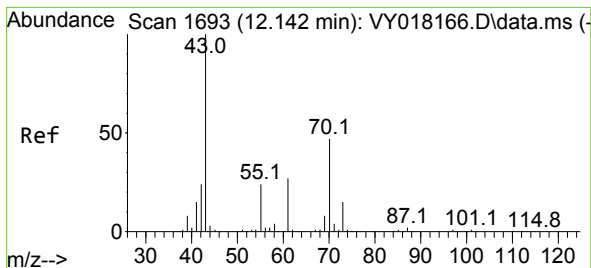
Tgt Ion:105 Resp: 60

Ion Ratio Lower Upper

105 100

120 0.0 13.4 40.1#





#74

N-amy1 acetate

Concen: 16.336 ug/l

RT: 12.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018312.D

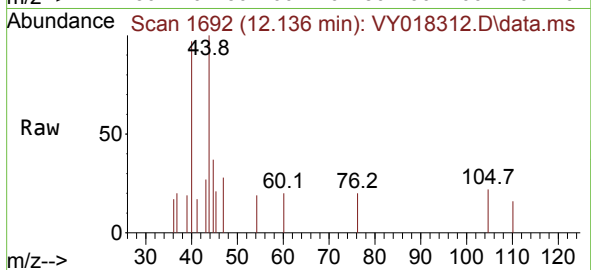
Acq: 17 May 2024 16:46

Instrument :

MSVOA_Y

ClientSampleId :

TP-16



Tgt Ion: 43 Resp: 179

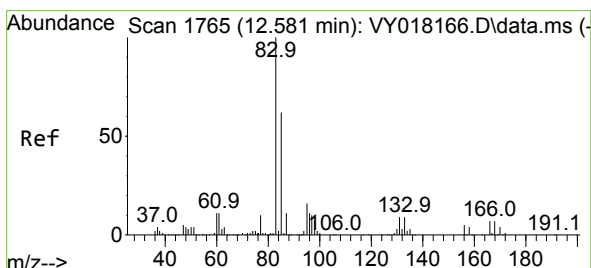
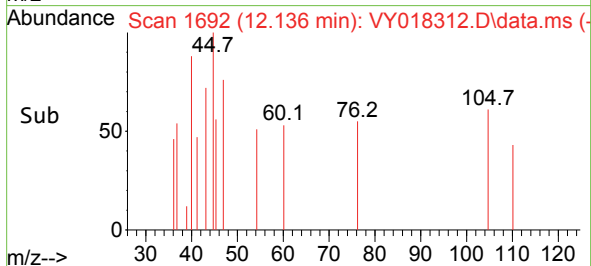
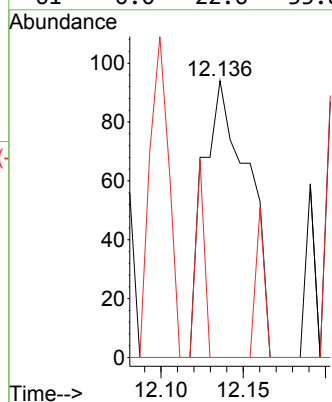
Ion Ratio Lower Upper

43 100

70 0.0 41.4 62.2#

55 13.4 23.3 34.9#

61 0.0 22.6 33.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 7.245 ug/l

RT: 12.520 min Scan# 1755

Delta R.T. -0.061 min

Lab File: VY018312.D

Acq: 17 May 2024 16:46

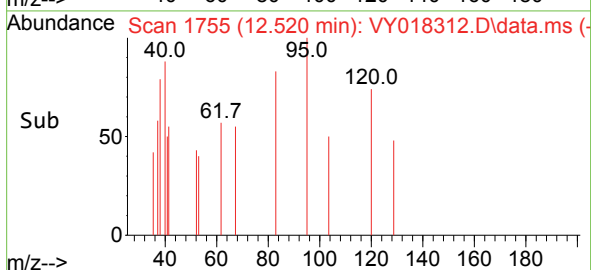
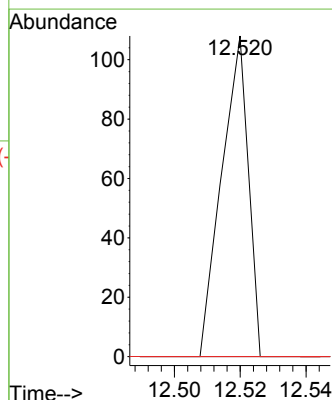
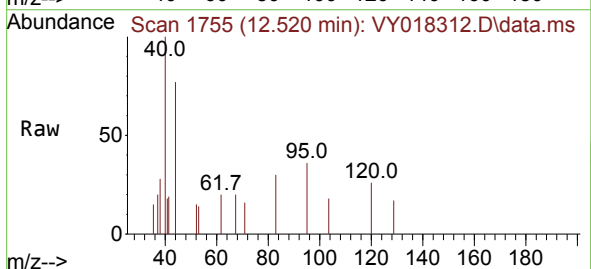
Tgt Ion: 83 Resp: 61

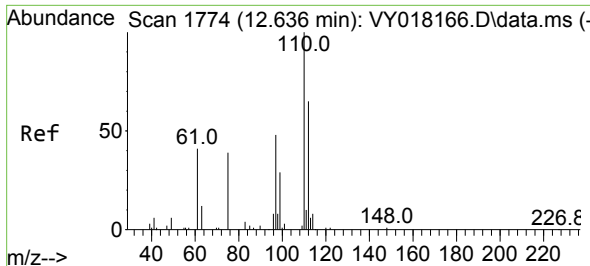
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.0 96.0#

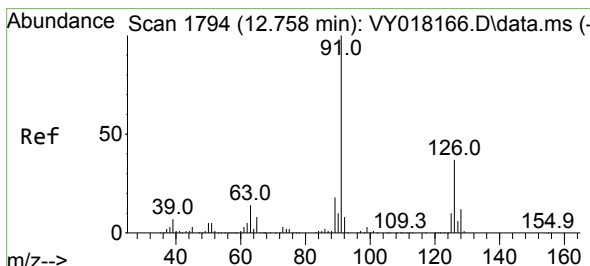
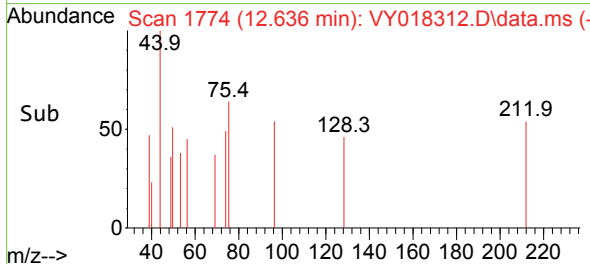
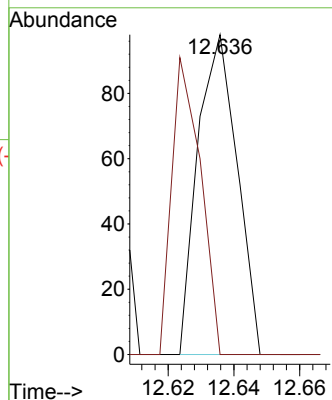
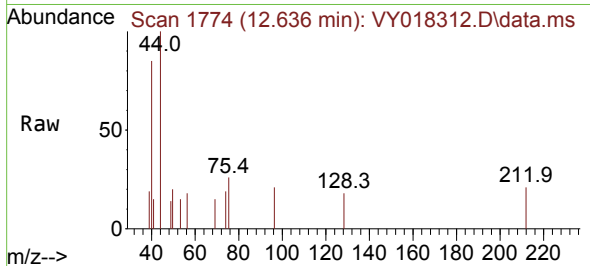




#76
1,2,3-Trichloropropane
Concen: 14.552 ug/l
RT: 12.636 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

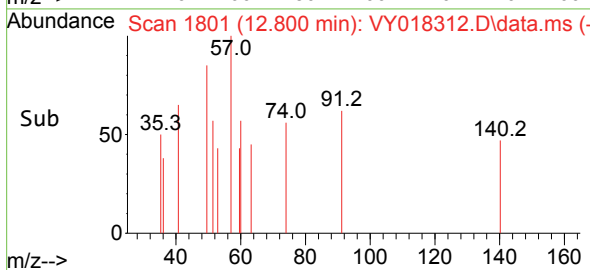
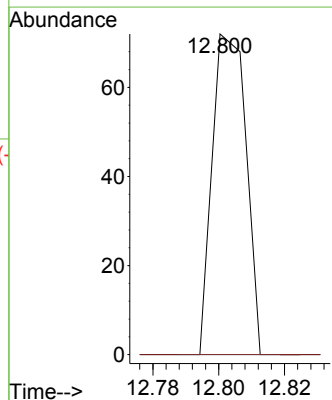
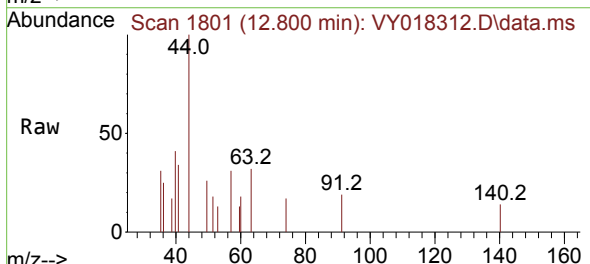
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

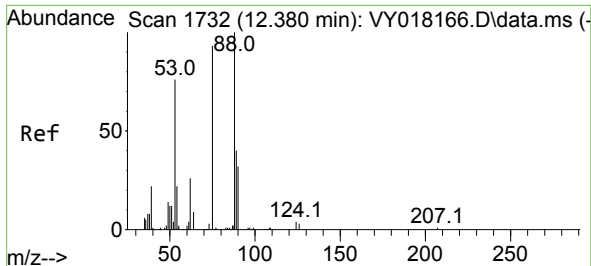
Tgt Ion: 75 Resp: 82
Ion Ratio Lower Upper
75 100
77 67.1 0.0 0.0#



#79
2-Chlorotoluene
Concen: 1.495 ug/l
RT: 12.800 min Scan# 1801
Delta R.T. 0.043 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 91 Resp: 51
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.5#

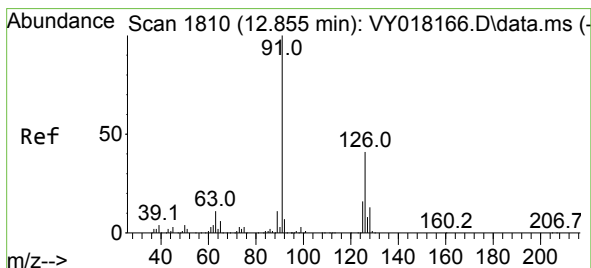
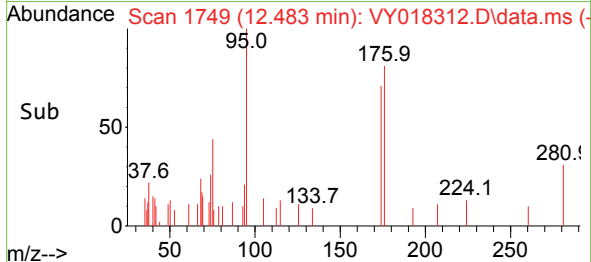
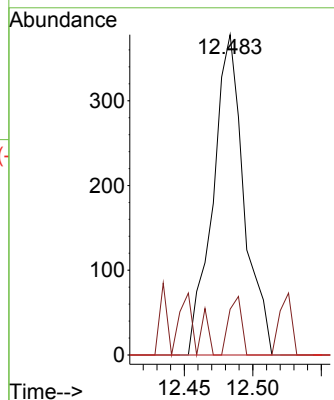
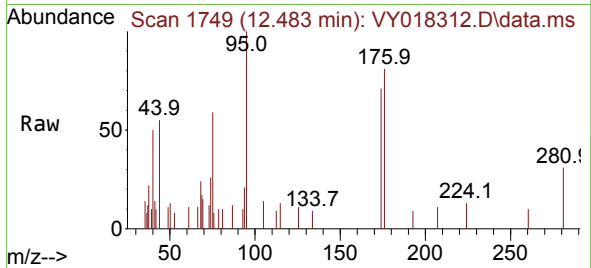




#81
trans-1,4-Dichloro-2-butene
Concen: 204.118 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

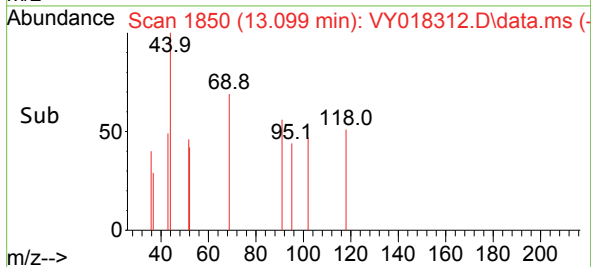
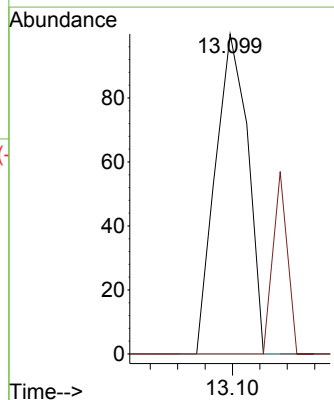
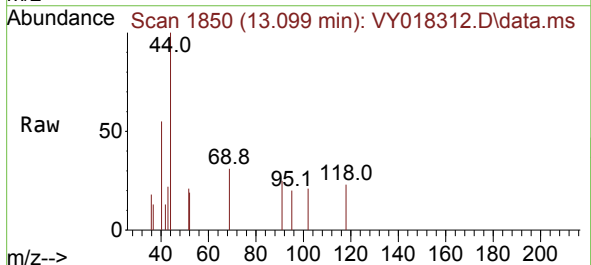
Instrument :
MSVOA_Y
ClientSampleId :
TP-16

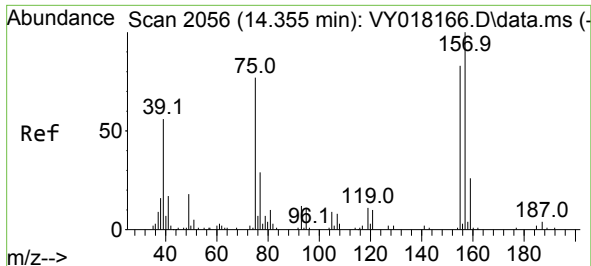
Tgt Ion: 75 Resp: 597
Ion Ratio Lower Upper
75 100
53 7.5 66.8 100.2#
89 0.0 35.8 53.6#



#82
4-Chlorotoluene
Concen: 2.393 ug/l
RT: 13.099 min Scan# 1850
Delta R.T. 0.244 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 91 Resp: 82
Ion Ratio Lower Upper
91 100
126 25.6 17.6 52.9

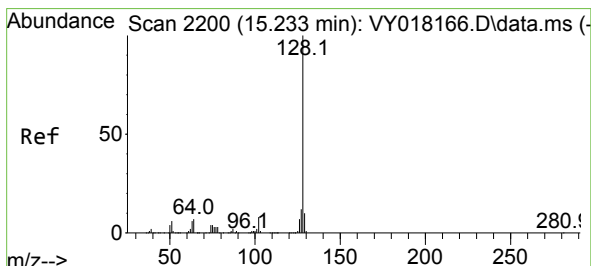
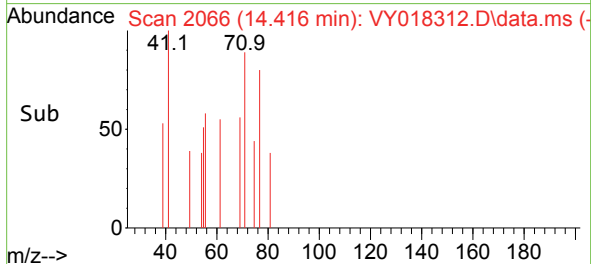
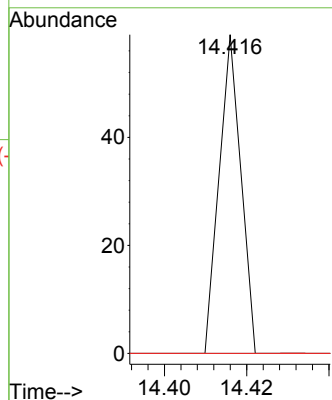
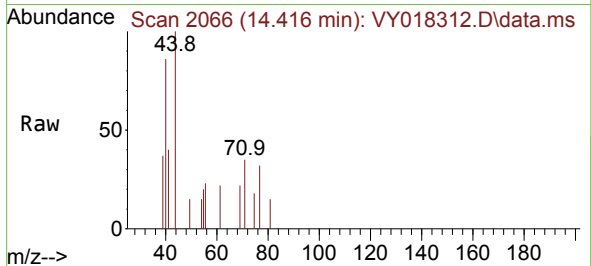




#92
1,2-Dibromo-3-Chloropropane
Concen: 19.189 ug/l
RT: 14.416 min Scan# 2056
Delta R.T. 0.061 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Instrument :
MSVOA_Y
ClientSampleId :
TP-16

Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#



#95
Naphthalene
Concen: 4.003 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018312.D
Acq: 17 May 2024 16:46

Tgt Ion: 128 Resp: 83
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

