

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009773.D
 Acq On : 29 Jul 2022 15:29
 Operator : KP/MD
 Sample : N3895-18
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-56

Quant Time: Aug 01 01:13:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

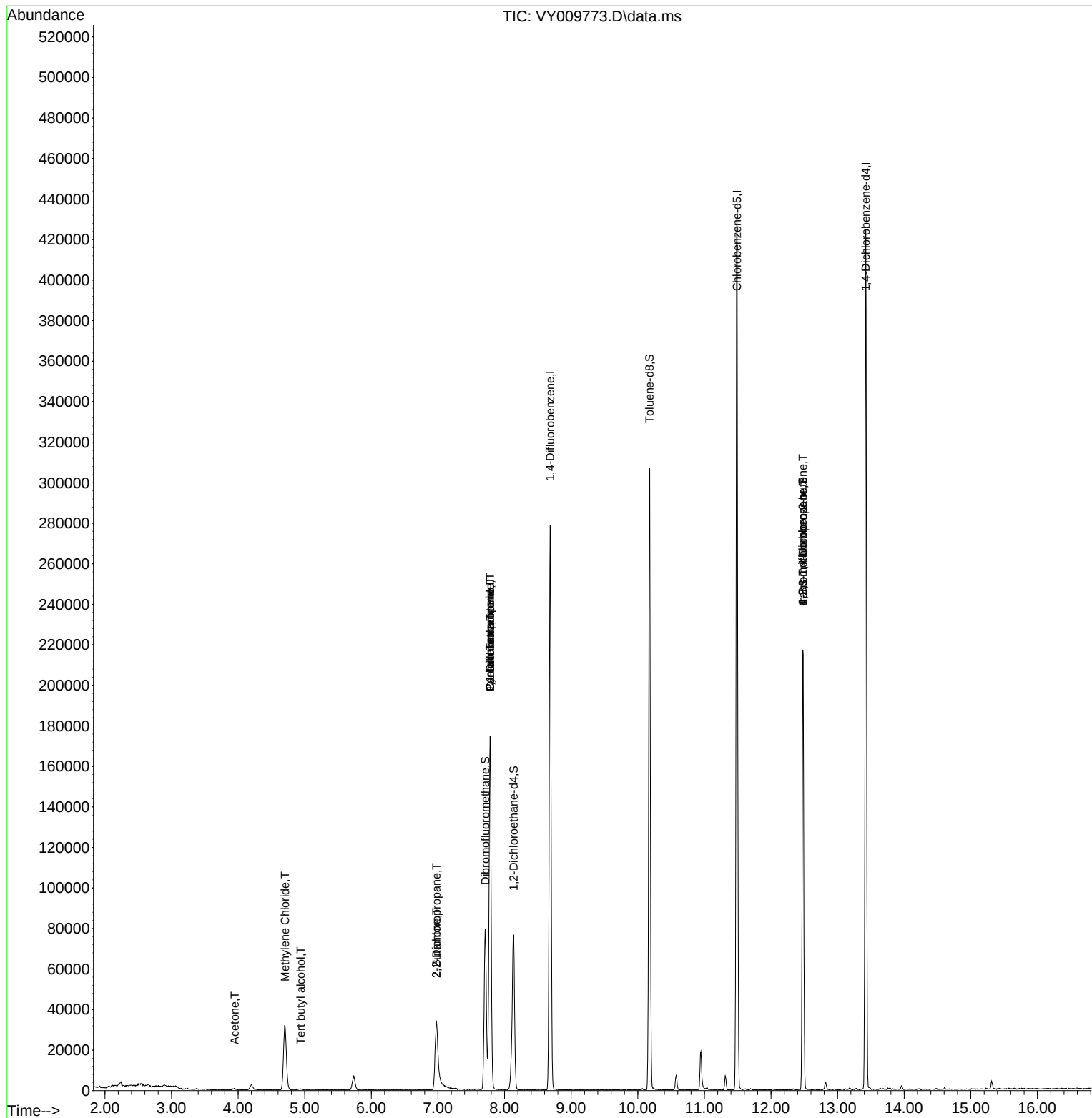
Internal Standards						
1) Pentafluorobenzene	7.783	168	141835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	240641	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	249877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	113111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	55116	59.347	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.700%	
35) Dibromofluoromethane	7.710	113	55080	42.085	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 84.160%	
50) Toluene-d8	10.179	98	201971	53.265	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 106.520%	
62) 4-Bromofluorobenzene	12.477	95	61600	35.496	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 71.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1078	6.934	ug/l #	77
16) Acetone	3.948	43	1154	3.403	ug/l #	74
18) Methyl Acetate	4.448	43	41	Below Cal	#	56
20) Methylene Chloride	4.704	84	24237	6.455	ug/l	85
25) 2-Butanone	6.978	43	2089	4.176	ug/l #	54
26) 2,2-Dichloropropane	6.978	77	2901	1.298	ug/l #	55
31) Cyclohexane	7.783	56	2716	1.204	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	9701	4.555	ug/l #	50
38) Carbon Tetrachloride	7.783	117	12686	5.559	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	31976	30.435	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	31976	60.666	ug/l #	7

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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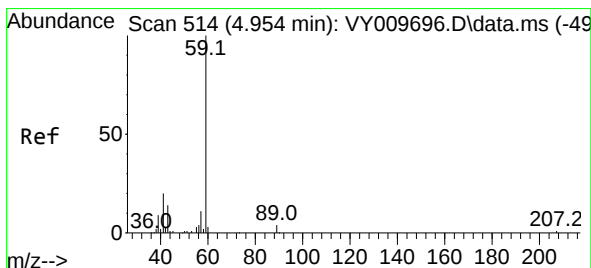
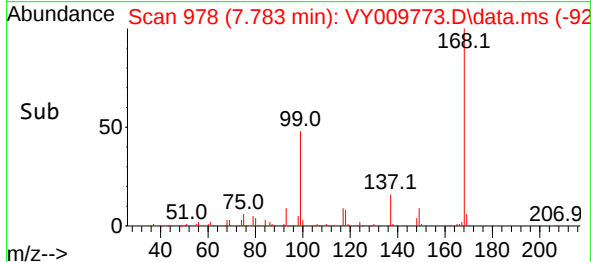
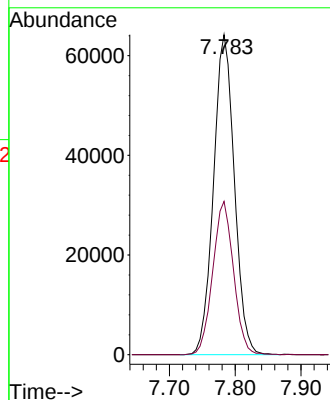
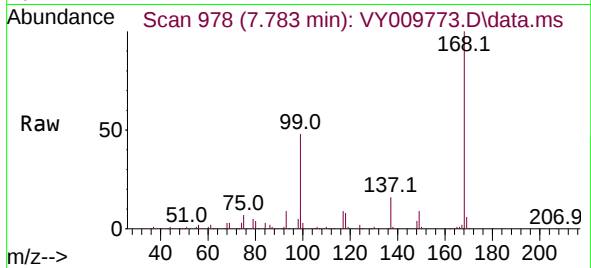




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009773.D
Acq: 29 Jul 2022 15:29

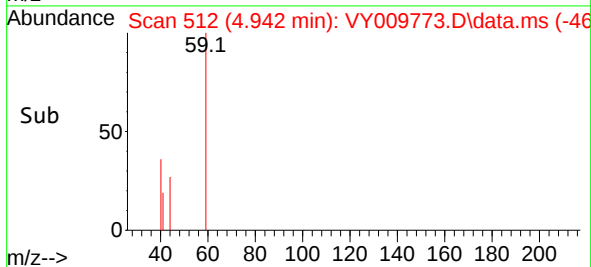
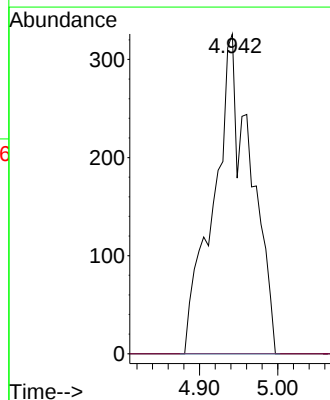
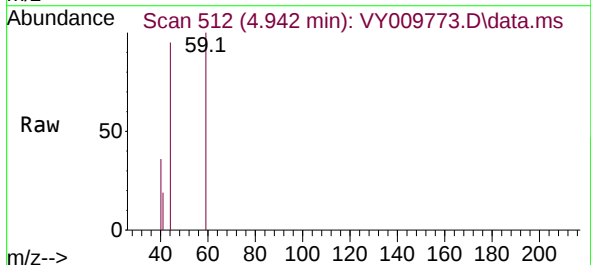
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

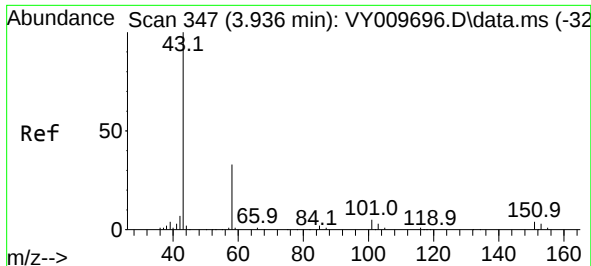
Tgt Ion:168 Resp: 141835
Ion Ratio Lower Upper
168 100
99 47.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 6.934 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY009773.D
Acq: 29 Jul 2022 15:29

Tgt Ion: 59 Resp: 1078
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

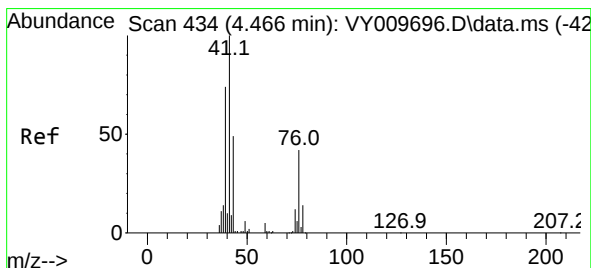
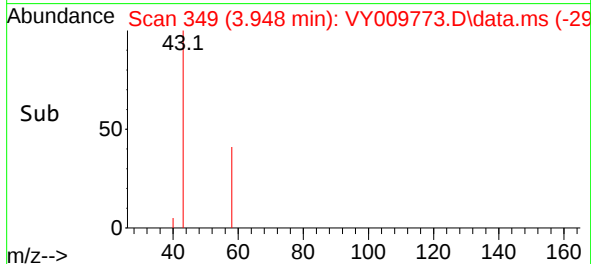
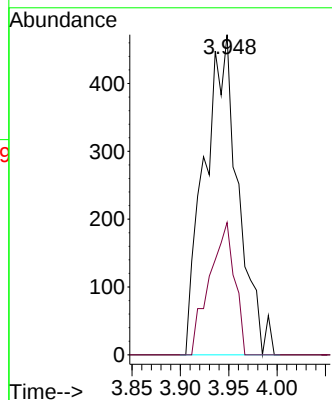
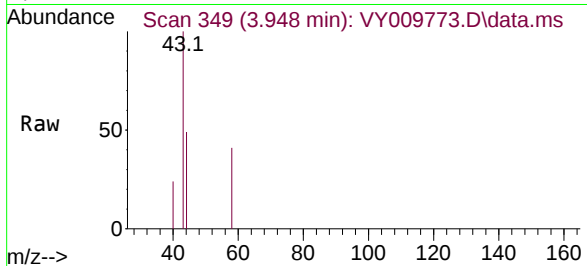




#16
Acetone
Concen: 3.403 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY009773.D
Acq: 29 Jul 2022 15:29

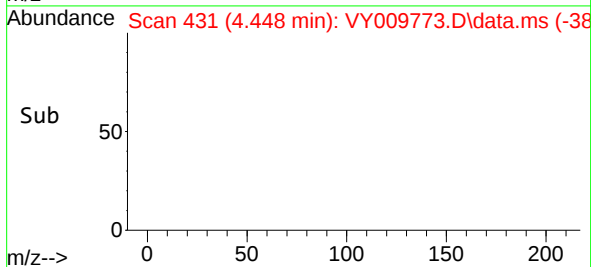
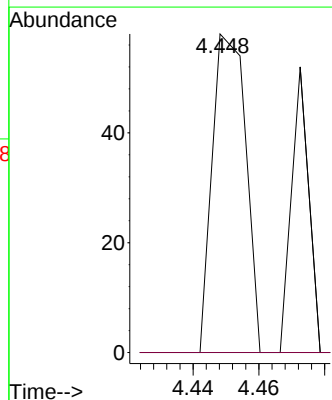
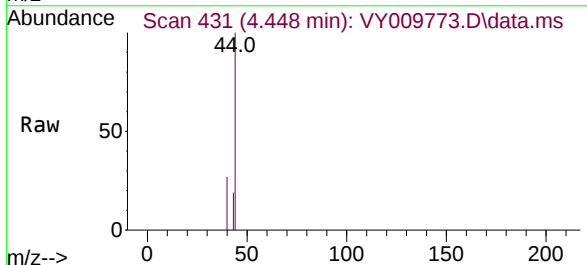
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

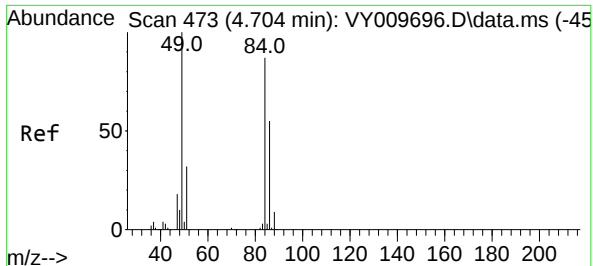
Tgt Ion: 43 Resp: 1154
Ion Ratio Lower Upper
43 100
58 41.3 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.448 min Scan# 431
Delta R.T. -0.018 min
Lab File: VY009773.D
Acq: 29 Jul 2022 15:29

Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

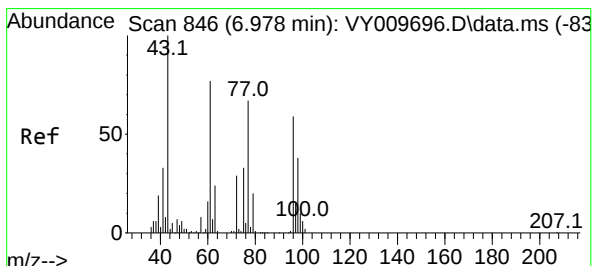
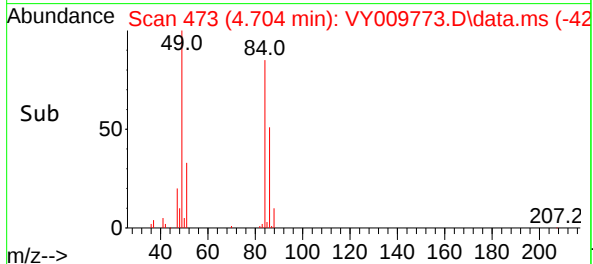
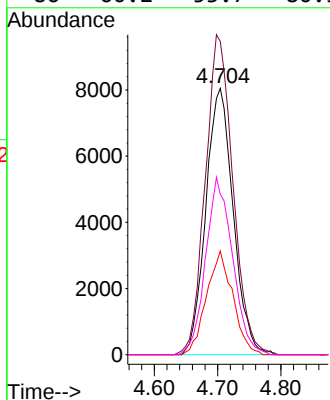
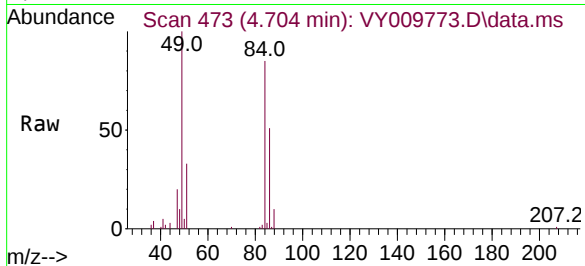




#20
Methylene Chloride
Concen: 6.455 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009773.D
Acq: 29 Jul 2022 15:29

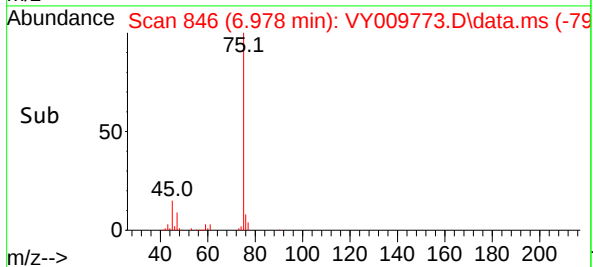
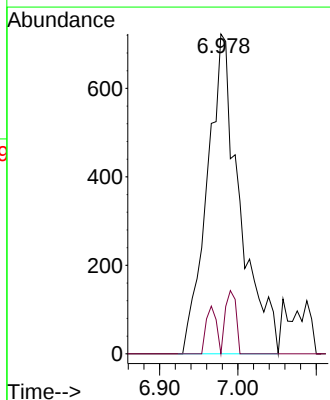
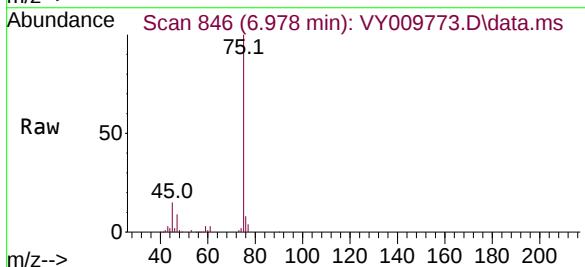
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

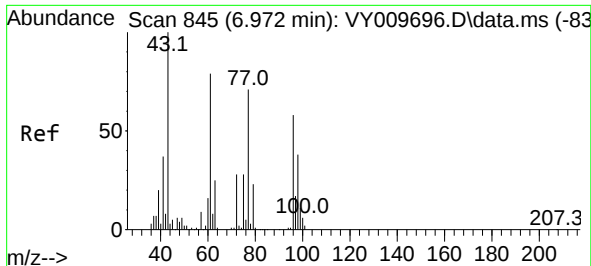
Tgt Ion:	84	Resp:	24237
Ion	Ratio	Lower	Upper
84	100		
49	117.6	114.4	171.6
51	38.9	35.3	52.9
86	60.2	53.7	80.5



#25
2-Butanone
Concen: 4.176 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009773.D
Acq: 29 Jul 2022 15:29

Tgt Ion:	43	Resp:	2089
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#

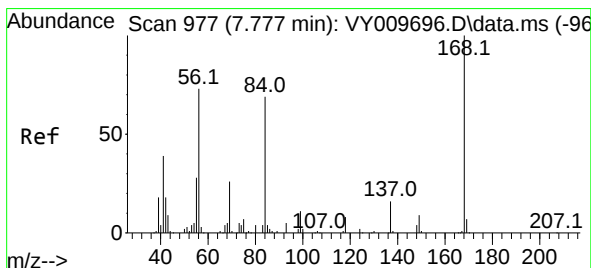
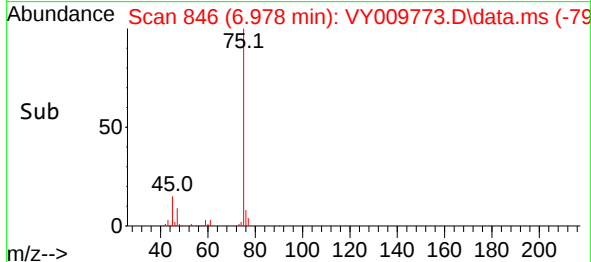
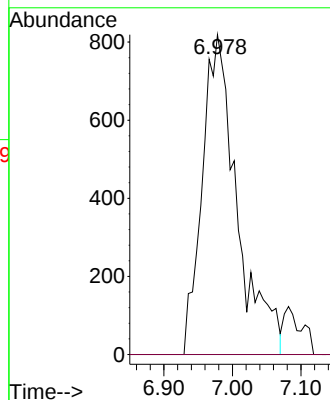
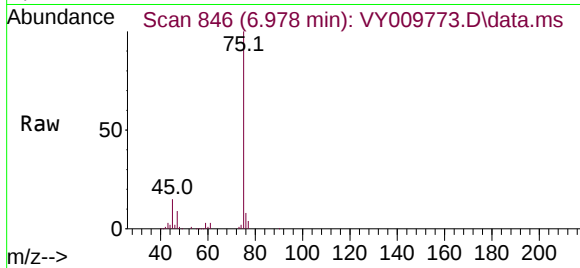




#26
2,2-Dichloropropane
Concen: 1.298 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY009773.D
Acq: 29 Jul 2022 15:29

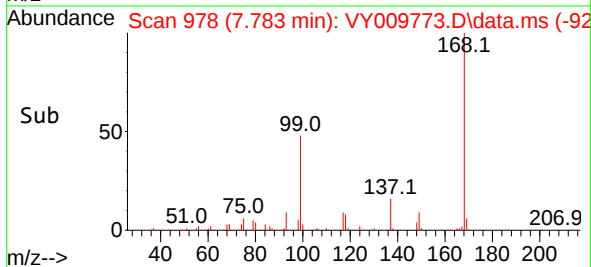
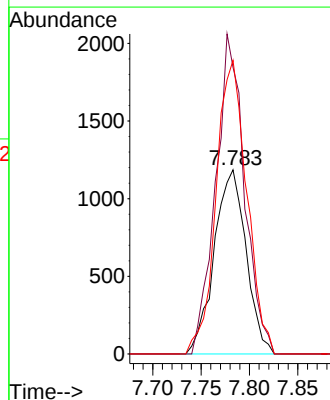
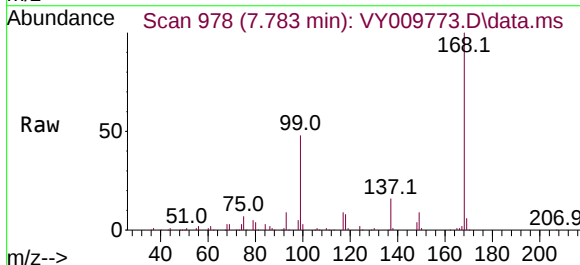
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

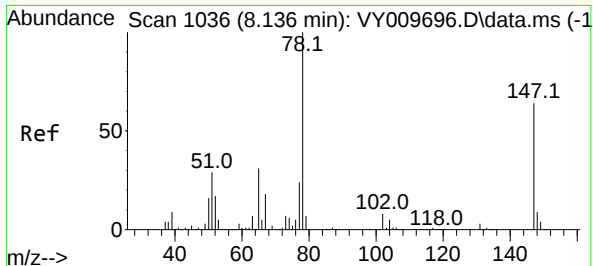
Tgt Ion: 77 Resp: 2901
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009773.D
Acq: 29 Jul 2022 15:29

Tgt Ion: 56 Resp: 2716
Ion Ratio Lower Upper
56 100
69 155.7 26.7 40.1#
84 159.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 59.347 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY009773.D

Acq: 29 Jul 2022 15:29

Instrument :

MSVOA_Y

ClientSampleId :

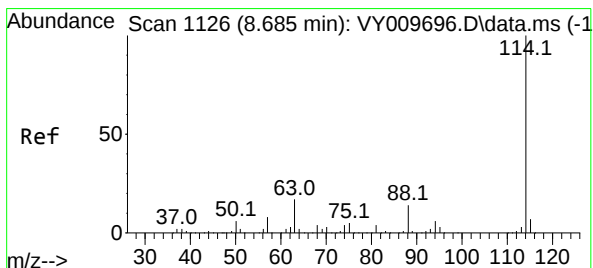
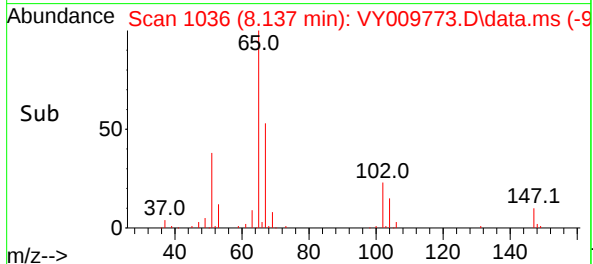
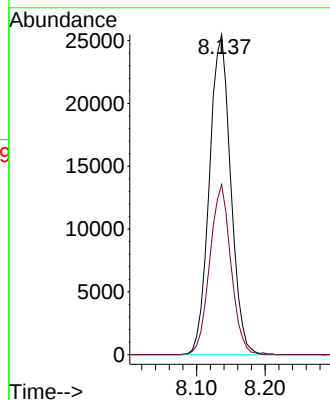
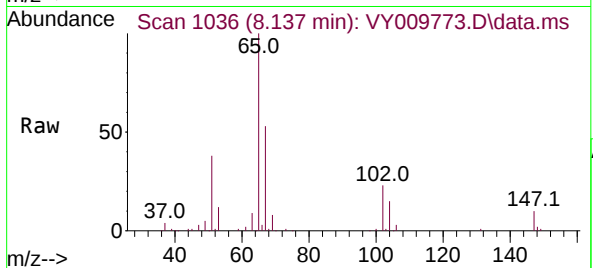
RVE-56

Tgt Ion: 65 Resp: 55116

Ion Ratio Lower Upper

65 100

67 52.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009773.D

Acq: 29 Jul 2022 15:29

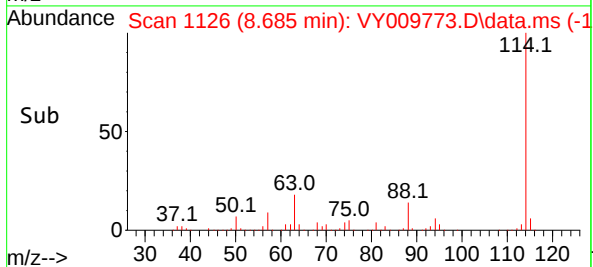
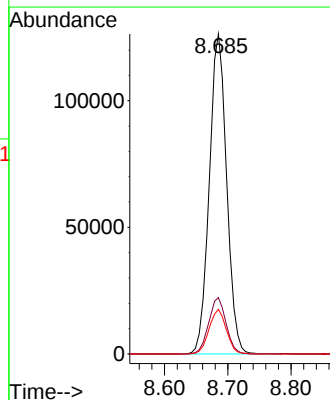
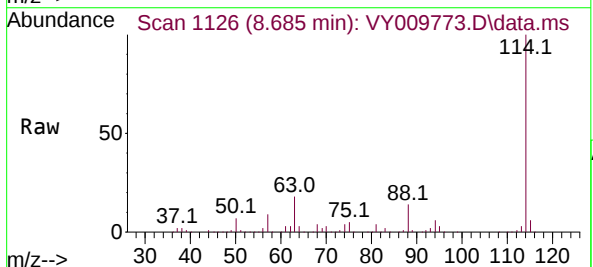
Tgt Ion: 114 Resp: 240641

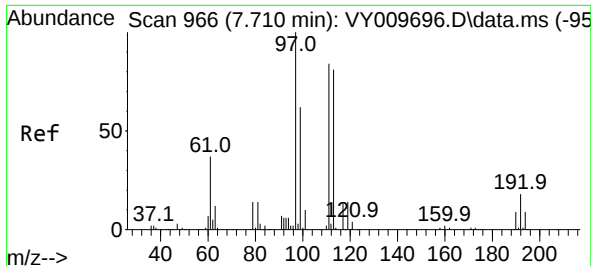
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.0 0.0 31.8

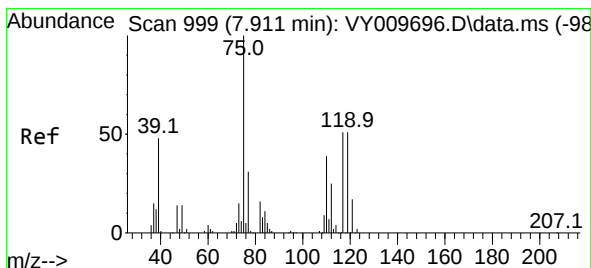
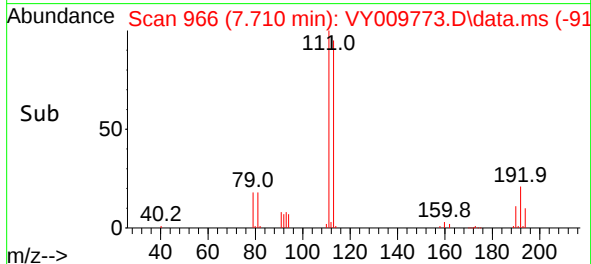
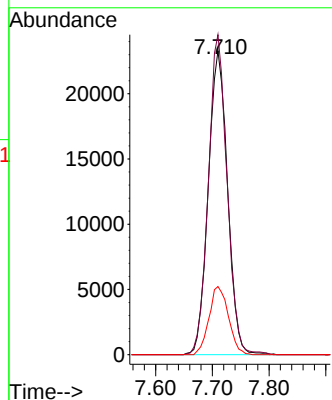
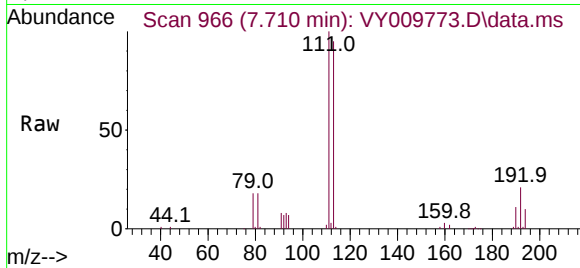




#35
Dibromofluoromethane
Concen: 42.085 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009773.D
Acq: 29 Jul 2022 15:29

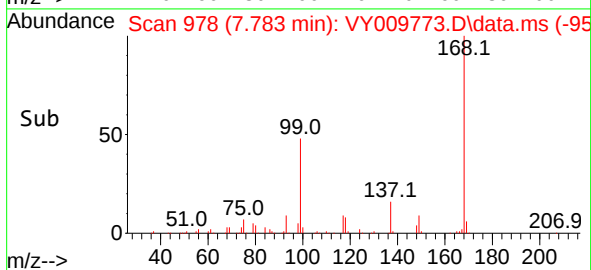
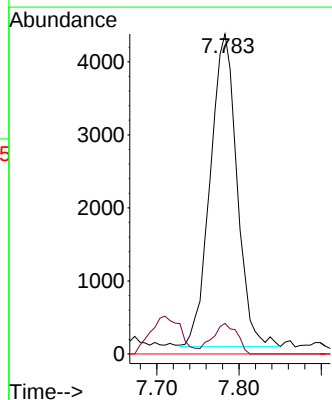
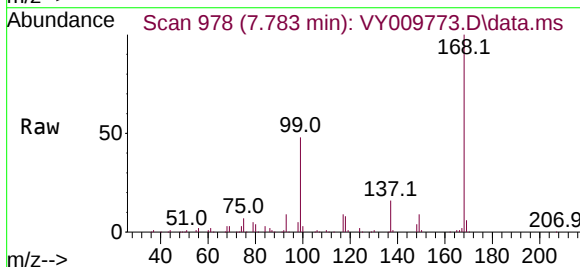
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

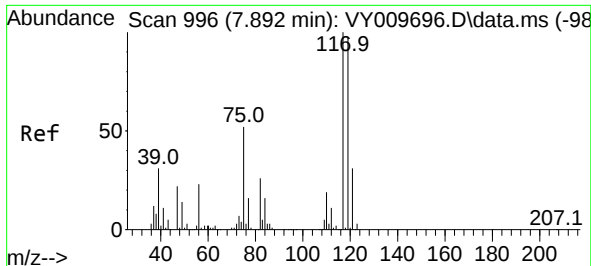
Tgt Ion:113 Resp: 55080
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 22.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.555 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009773.D
Acq: 29 Jul 2022 15:29

Tgt Ion: 75 Resp: 9701
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#

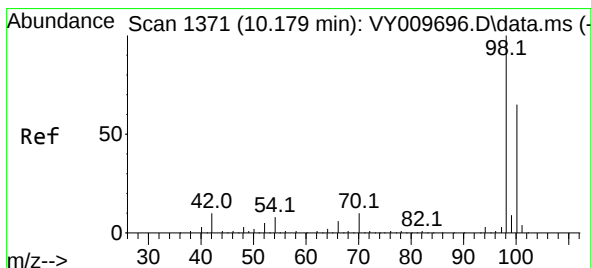
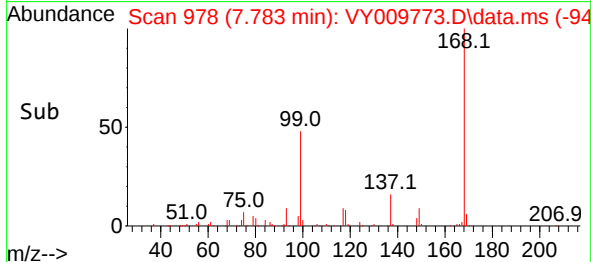
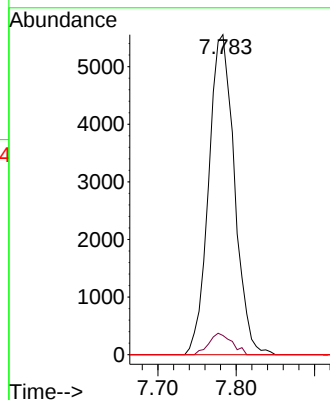
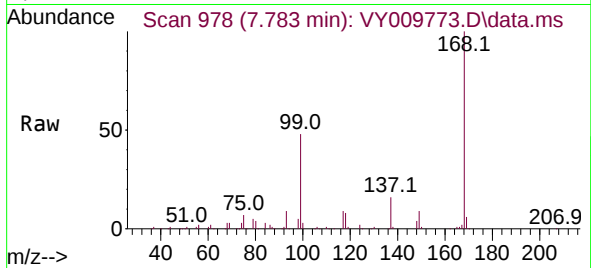




#38
Carbon Tetrachloride
Concen: 5.559 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009773.D
Acq: 29 Jul 2022 15:29

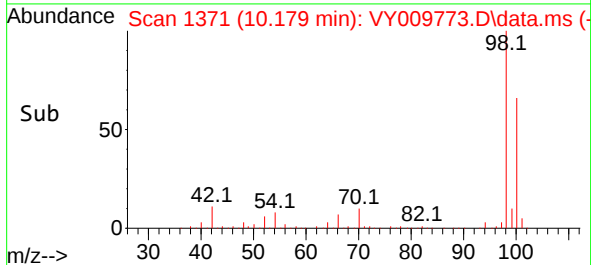
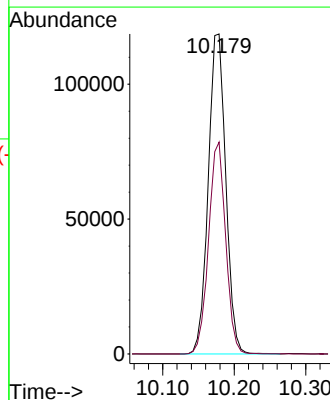
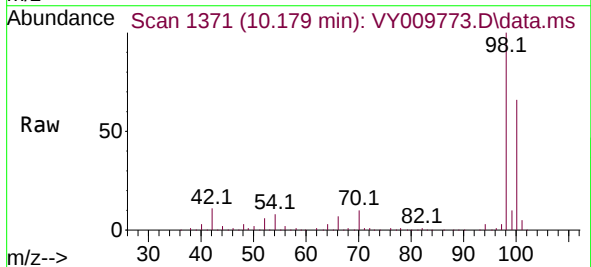
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

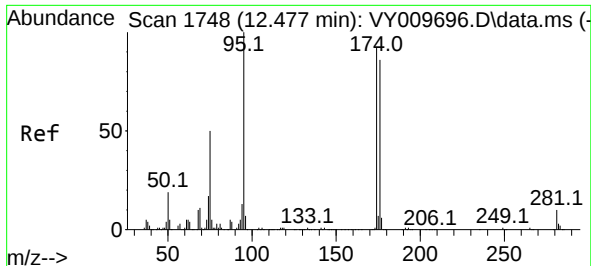
Tgt Ion:117 Resp: 12686
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.265 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009773.D
Acq: 29 Jul 2022 15:29

Tgt Ion: 98 Resp: 201971
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

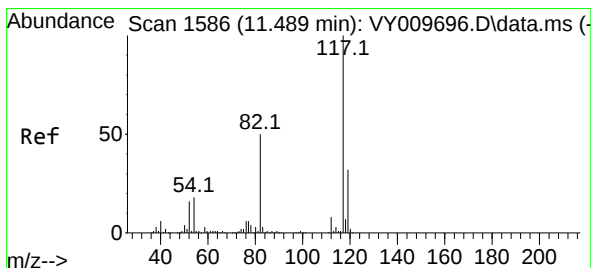
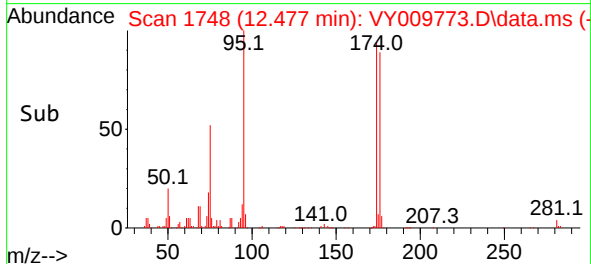
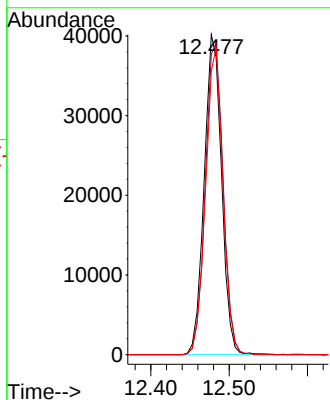
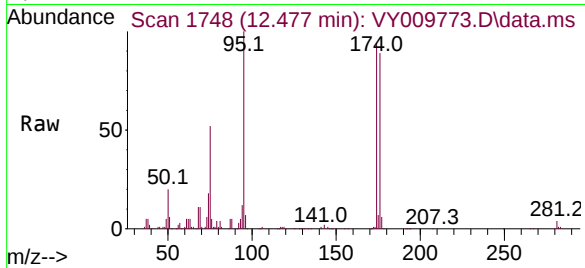




#62
4-Bromofluorobenzene
Concen: 35.496 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009773.D
Acq: 29 Jul 2022 15:29

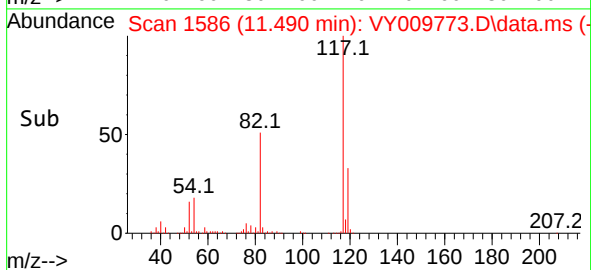
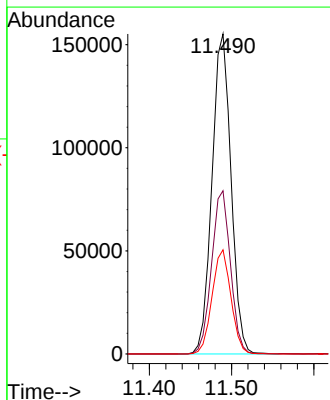
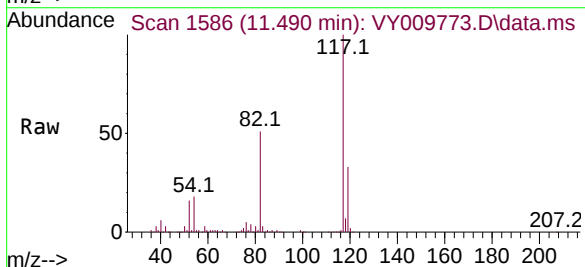
Instrument :
MSVOA_Y
ClientSampleId :
RVE-56

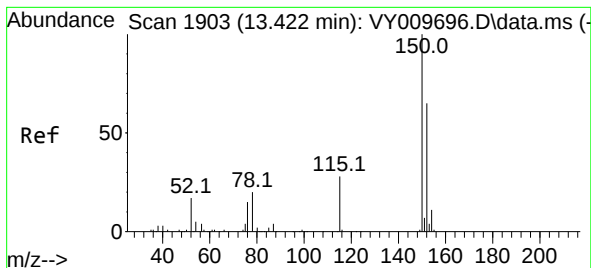
Tgt Ion: 95 Resp: 61600
Ion Ratio Lower Upper
95 100
174 100.4 0.0 177.0
176 95.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009773.D
Acq: 29 Jul 2022 15:29

Tgt Ion: 117 Resp: 249877
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 32.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009773.D

Acq: 29 Jul 2022 15:29

Instrument :

MSVOA_Y

ClientSampleId :

RVE-56

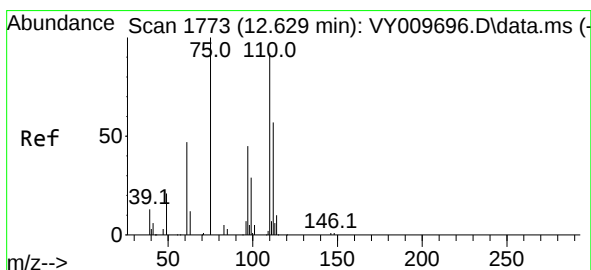
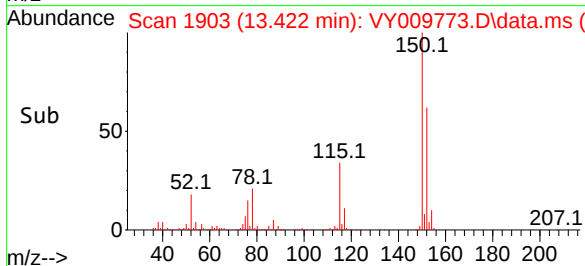
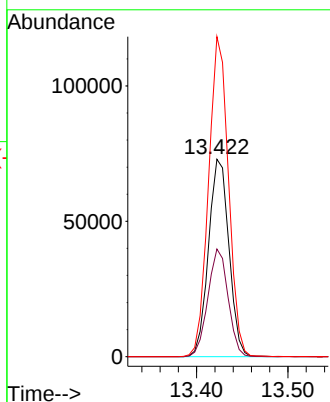
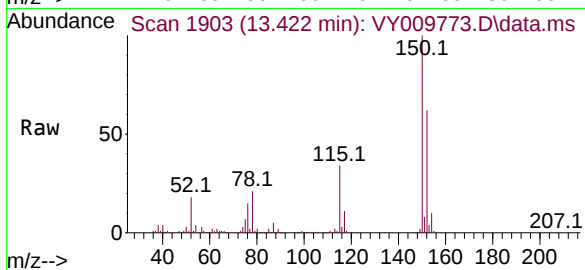
Tgt Ion:152 Resp: 113111

Ion Ratio Lower Upper

152 100

115 53.8 28.2 84.7

150 157.9 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 30.435 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY009773.D

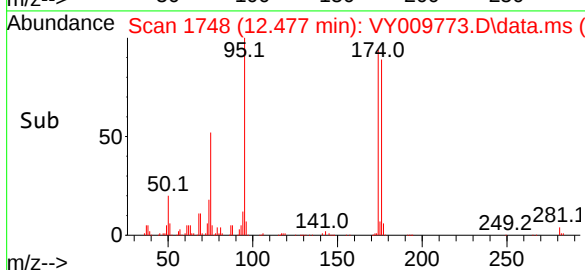
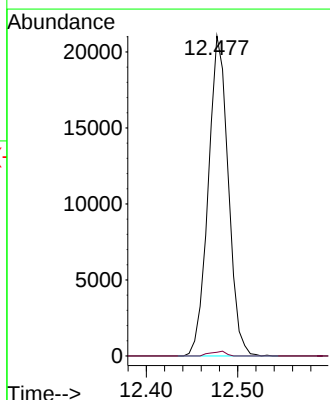
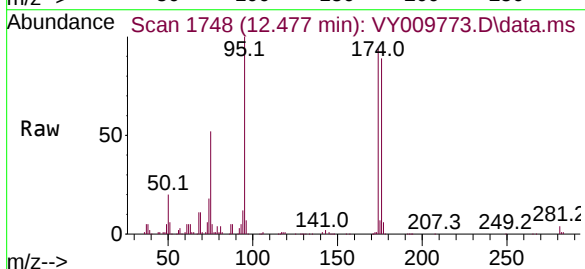
Acq: 29 Jul 2022 15:29

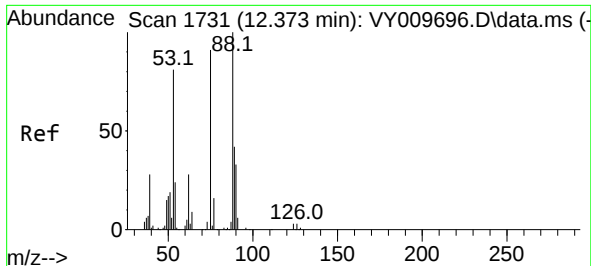
Tgt Ion: 75 Resp: 31976

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.666 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009773.D
 Acq: 29 Jul 2022 15:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-56

Tgt Ion: 75 Resp: 31976
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

