

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072922\
 Data File : VY009781.D
 Acq On : 29 Jul 2022 18:36
 Operator : KP/MD
 Sample : N3927-15
 Misc : 4.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-88

Quant Time: Aug 01 01:15:59 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)

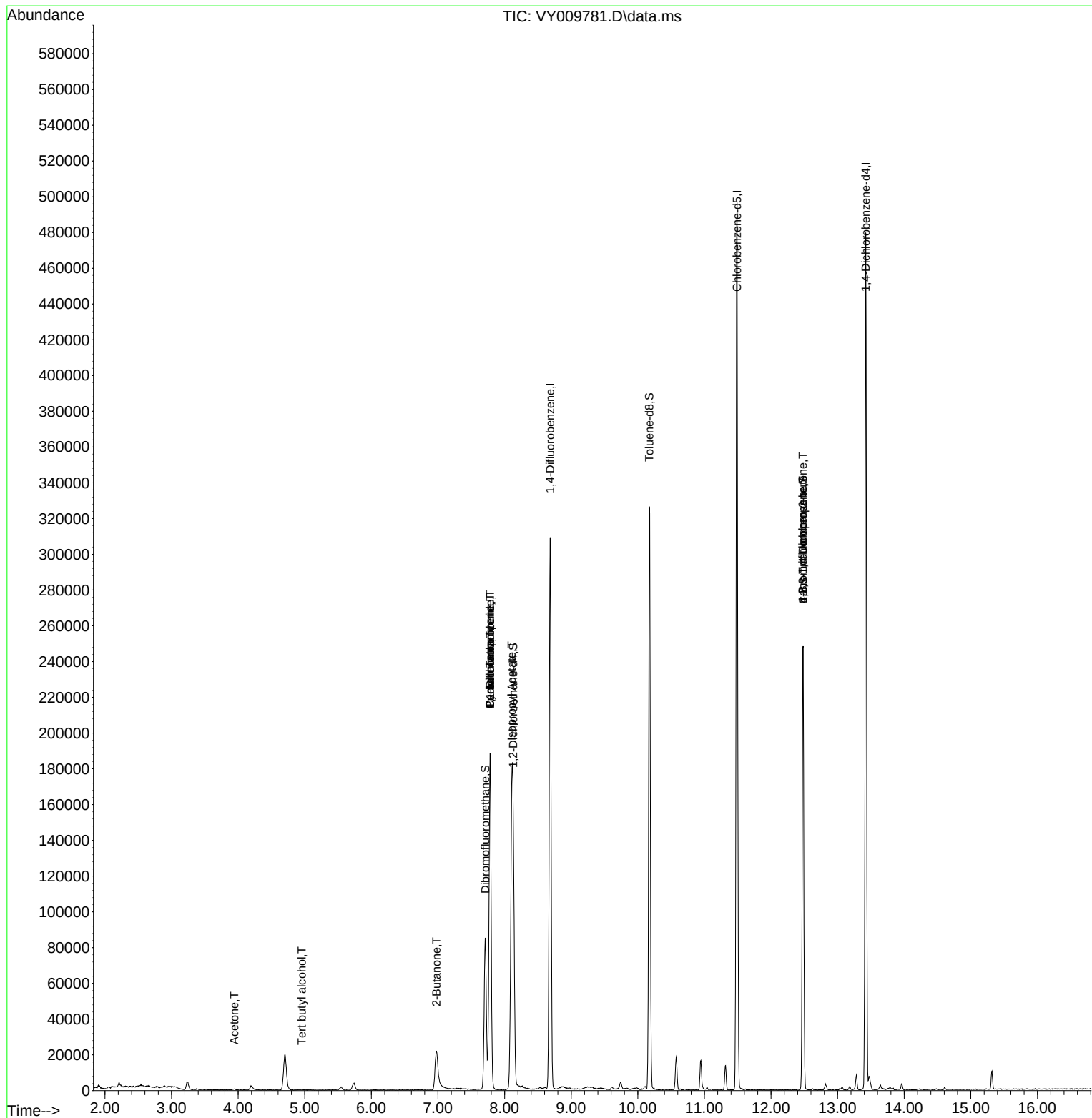
Internal Standards						
1) Pentafluorobenzene	7.783	168	152463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	270910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	123958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	57909	57.878	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.760%	
35) Dibromofluoromethane	7.710	113	58616	39.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 79.560%	
50) Toluene-d8	10.173	98	215910	50.345	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 100.700%	
62) 4-Bromofluorobenzene	12.477	95	69176	35.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 70.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	798	4.520	ug/l #	77
16) Acetone	3.942	43	1024	2.809	ug/l #	86
18) Methyl Acetate	4.485	43	155	Below Cal	#	56
20) Methylene Chloride	4.698	84	14864	Below Cal		92
25) 2-Butanone	6.978	43	1374	2.555	ug/l #	81
31) Cyclohexane	7.783	56	2725	1.123	ug/l #	12
36) 1,1-Dichloropropene	7.783	75	10021	4.180	ug/l #	51
38) Carbon Tetrachloride	7.783	117	14582	5.676	ug/l #	15
43) Isopropyl Acetate	8.106	43	3605	1.452	ug/l #	5
76) 1,2,3-Trichloropropane	12.477	75	35487	30.821	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	35487	61.435	ug/l #	7

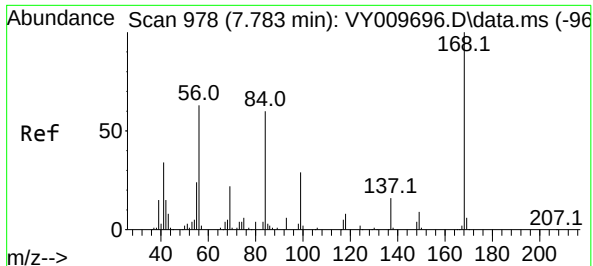
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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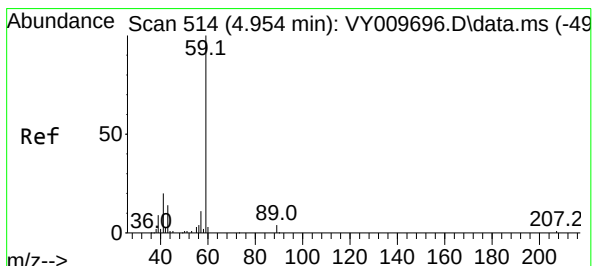
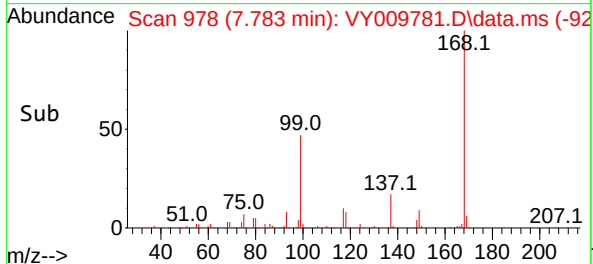
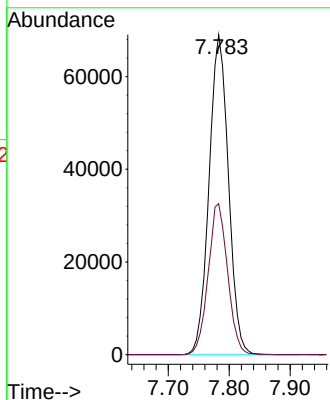
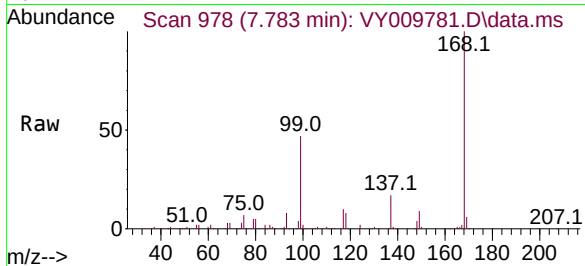




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009781.D
Acq: 29 Jul 2022 18:36

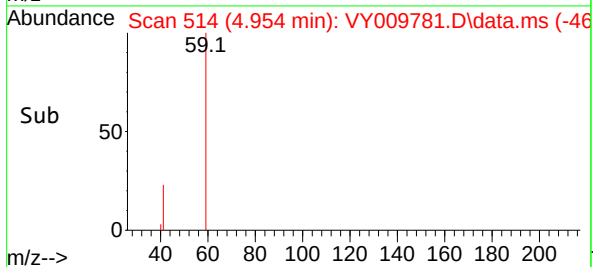
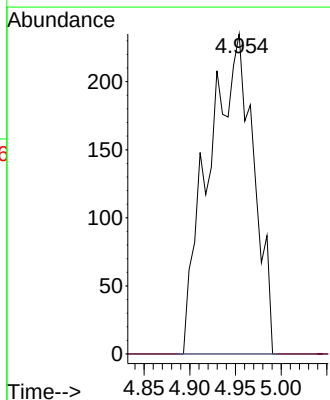
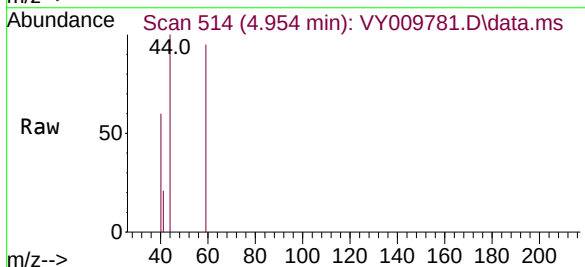
Instrument :
MSVOA_Y
ClientSampleId :
RVE-88

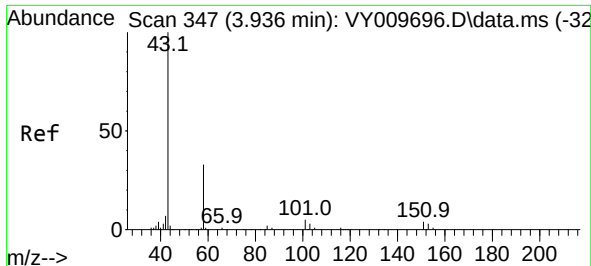
Tgt Ion:168 Resp: 152463
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 4.520 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY009781.D
Acq: 29 Jul 2022 18:36

Tgt Ion: 59 Resp: 798
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

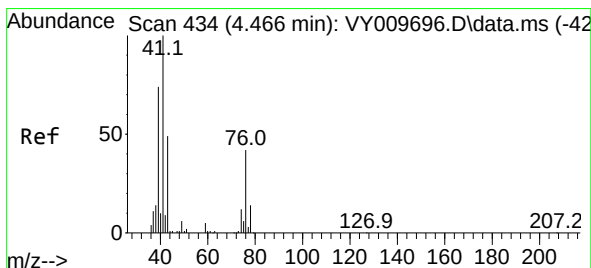
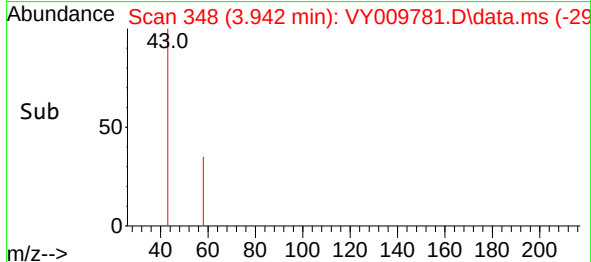
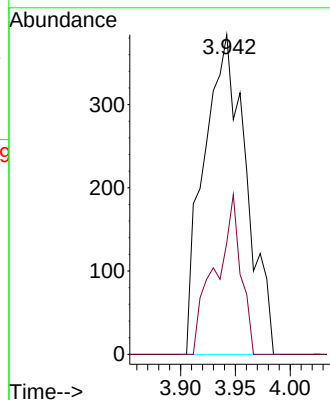
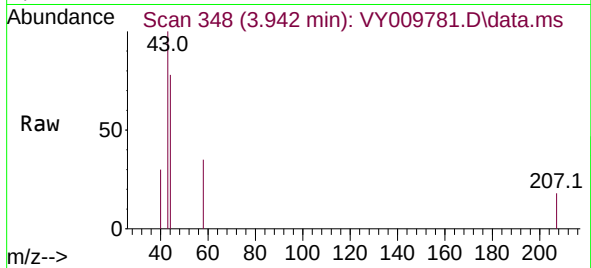




#16
Acetone
Concen: 2.809 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY009781.D
Acq: 29 Jul 2022 18:36

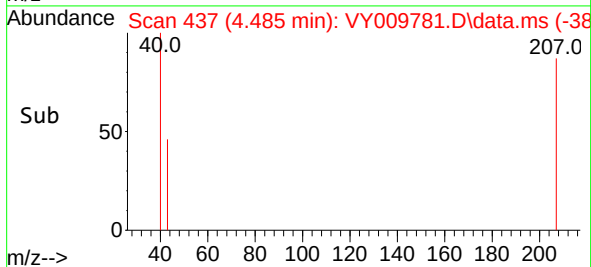
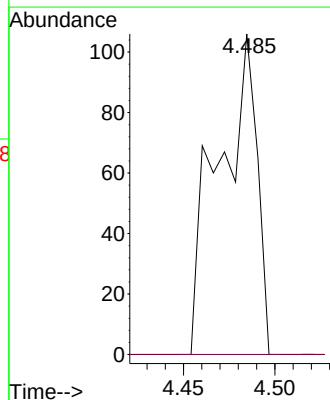
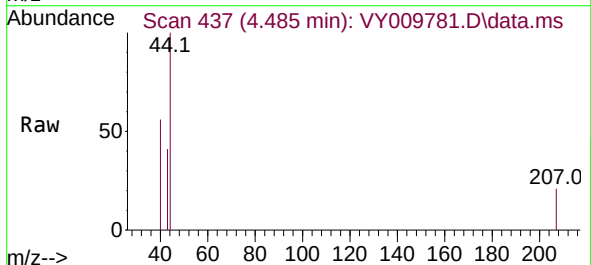
Instrument :
MSVOA_Y
ClientSampleId :
RVE-88

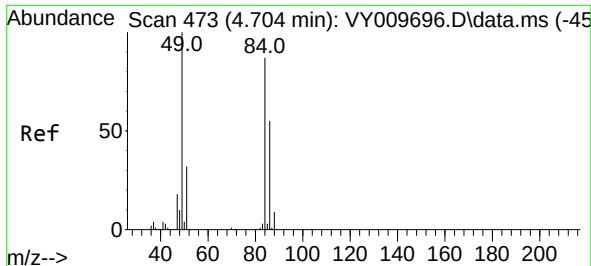
Tgt Ion: 43 Resp: 1024
Ion Ratio Lower Upper
43 100
58 34.9 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.019 min
Lab File: VY009781.D
Acq: 29 Jul 2022 18:36

Tgt Ion: 43 Resp: 155
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

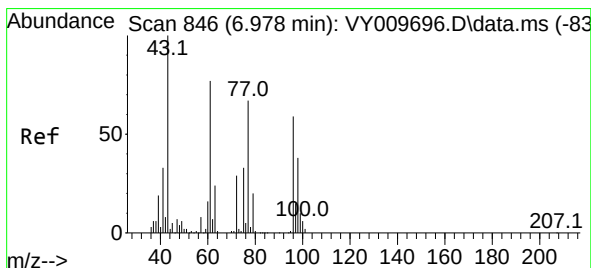
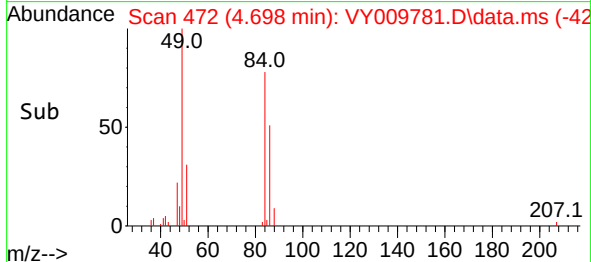
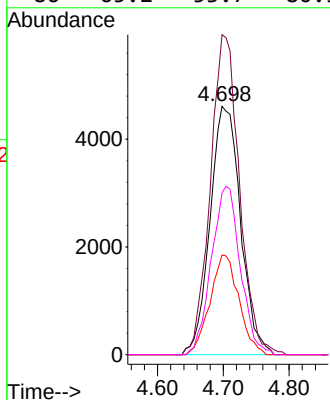
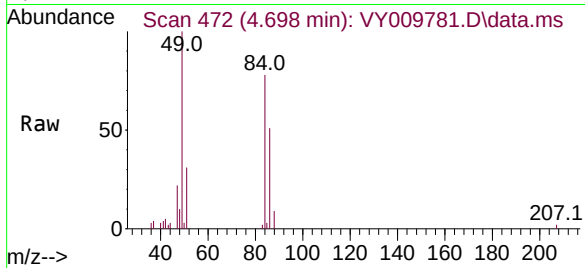




#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009781.D
Acq: 29 Jul 2022 18:36

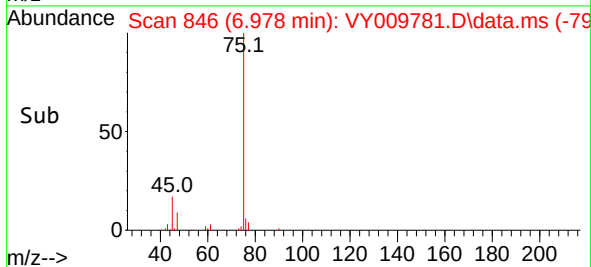
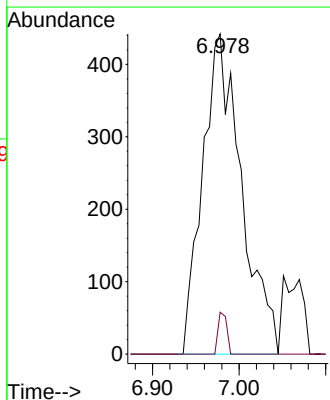
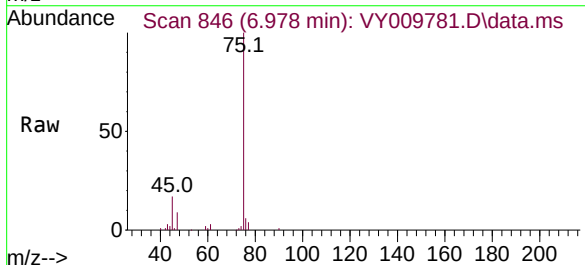
Instrument :
MSVOA_Y
ClientSampleId :
RVE-88

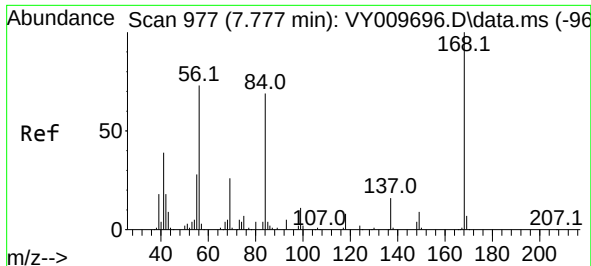
Tgt Ion:	84	Resp:	14864
Ion	Ratio	Lower	Upper
84	100		
49	128.9	114.4	171.6
51	40.2	35.3	52.9
86	65.2	53.7	80.5



#25
2-Butanone
Concen: 2.555 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009781.D
Acq: 29 Jul 2022 18:36

Tgt Ion:	43	Resp:	1374
Ion	Ratio	Lower	Upper
43	100		
72	13.1	17.7	26.5#

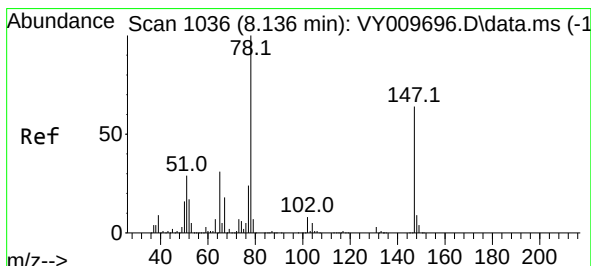
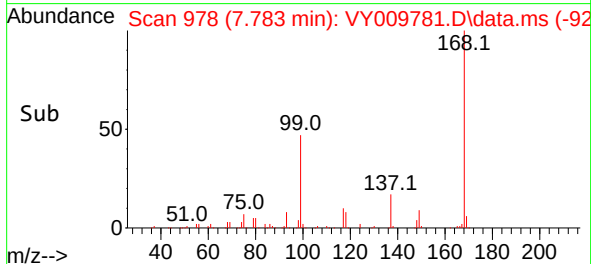
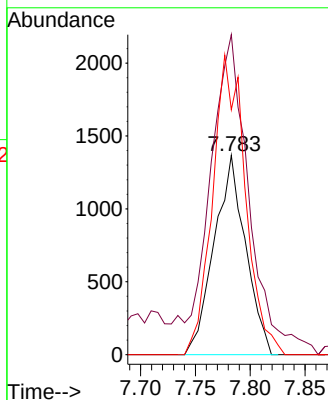
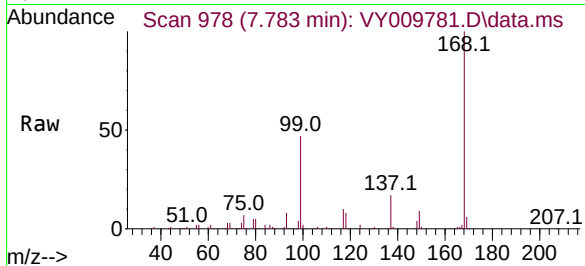




#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009781.D
Acq: 29 Jul 2022 18:36

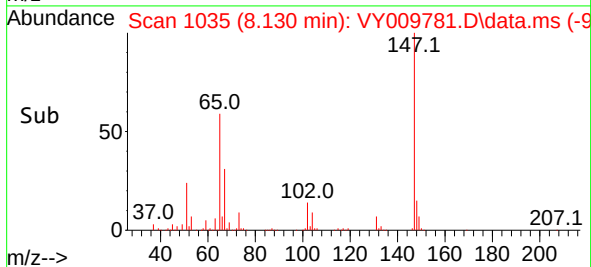
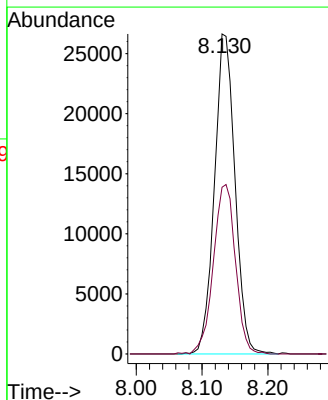
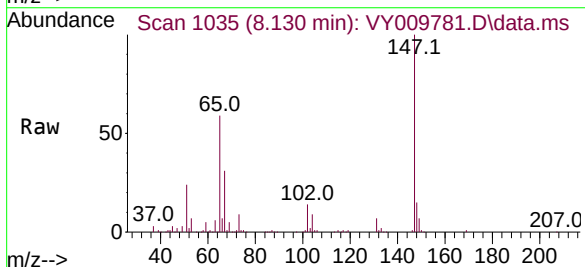
Instrument :
MSVOA_Y
ClientSampleId :
RVE-88

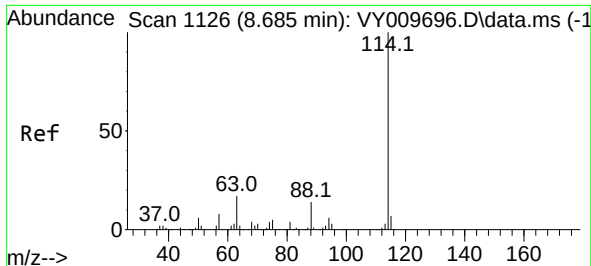
Tgt Ion: 56 Resp: 2725
Ion Ratio Lower Upper
56 100
69 148.4 26.7 40.1#
84 122.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 57.878 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009781.D
Acq: 29 Jul 2022 18:36

Tgt Ion: 65 Resp: 57909
Ion Ratio Lower Upper
65 100
67 57.0 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: VY009781.D

Acq: 29 Jul 2022 18:36

Instrument :

MSVOA_Y

ClientSampleId :

RVE-88

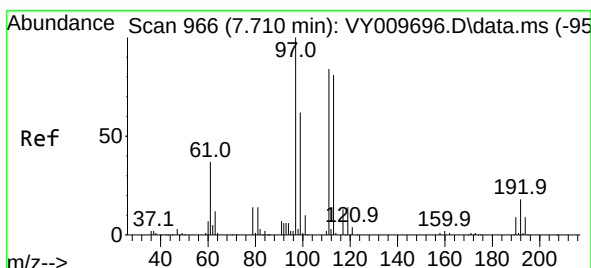
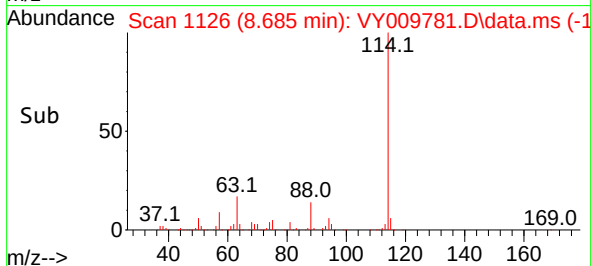
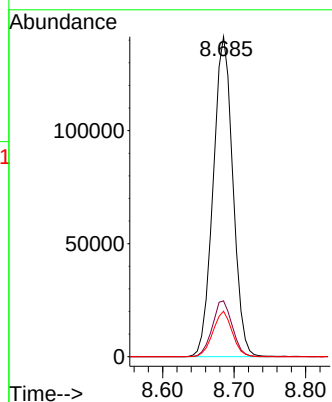
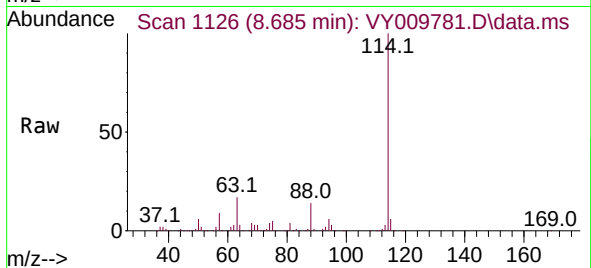
Tgt Ion:114 Resp: 270910

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.783 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009781.D

Acq: 29 Jul 2022 18:36

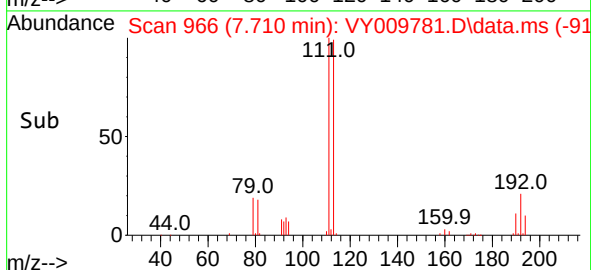
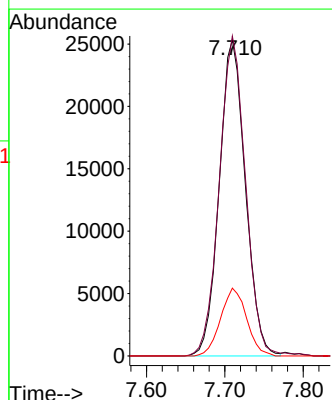
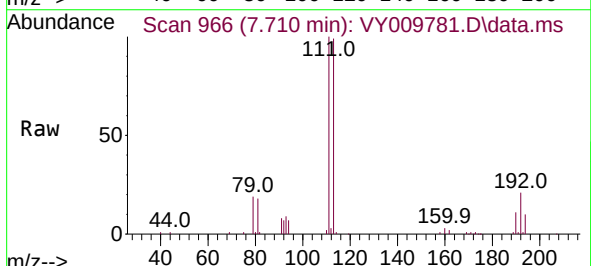
Tgt Ion:113 Resp: 58616

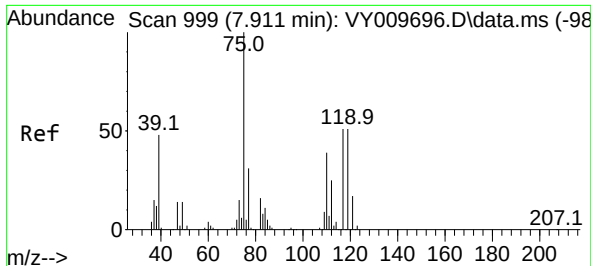
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

192 21.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.180 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009781.D

Acq: 29 Jul 2022 18:36

Instrument :

MSVOA_Y

ClientSampleId :

RVE-88

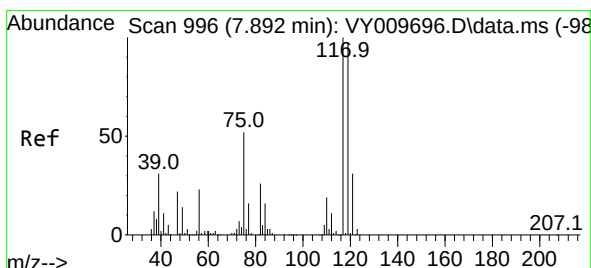
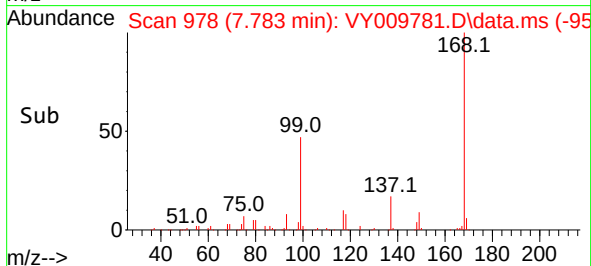
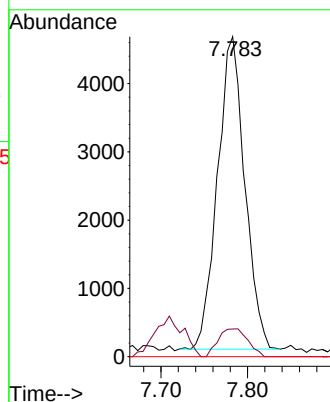
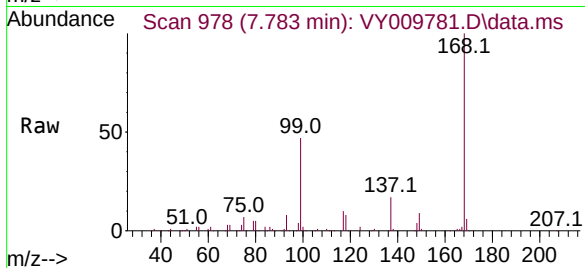
Tgt Ion: 75 Resp: 10021

Ion Ratio Lower Upper

75 100

110 9.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.676 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.109 min

Lab File: VY009781.D

Acq: 29 Jul 2022 18:36

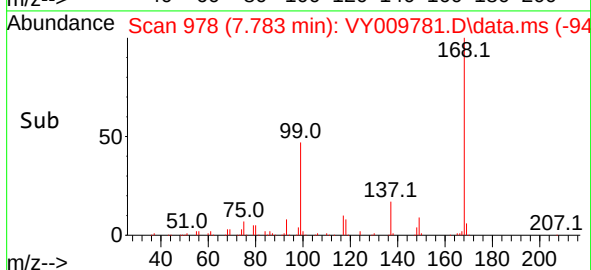
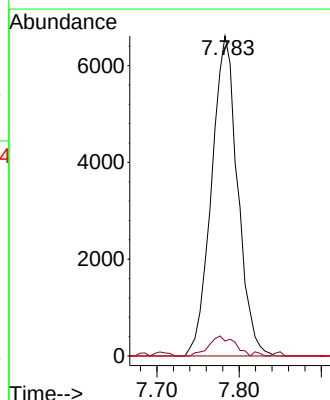
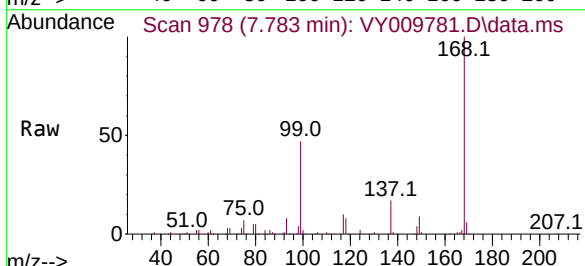
Tgt Ion: 117 Resp: 14582

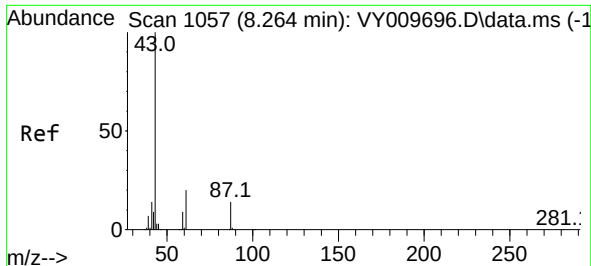
Ion Ratio Lower Upper

117 100

119 4.7 77.9 116.9#

121 0.0 24.8 37.2#

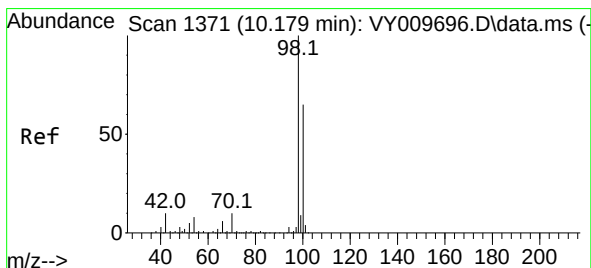
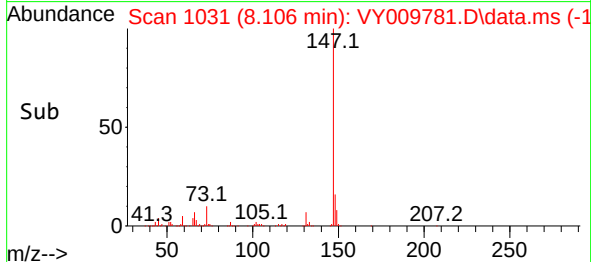
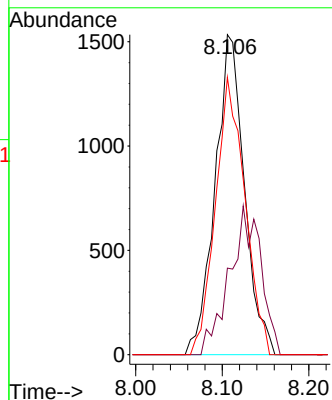
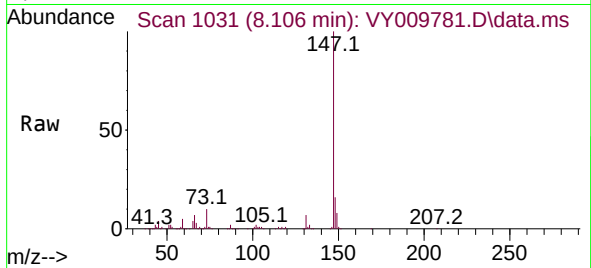




#43
Isopropyl Acetate
Concen: 1.452 ug/l
RT: 8.106 min Scan# 1057
Delta R.T. -0.158 min
Lab File: VY009781.D
Acq: 29 Jul 2022 18:36

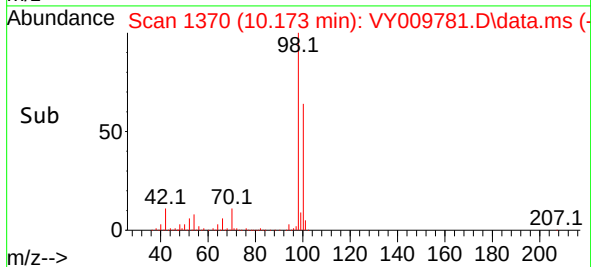
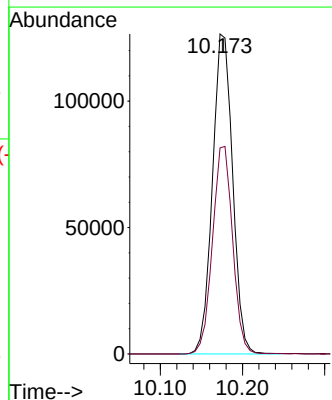
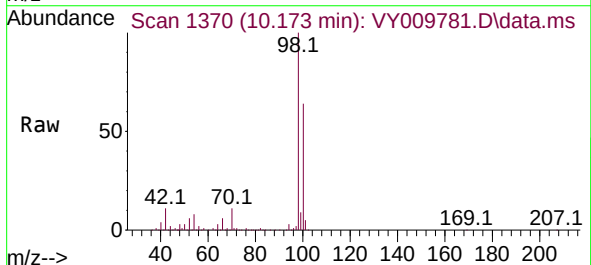
Instrument :
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ClientSampleId :
RVE-88

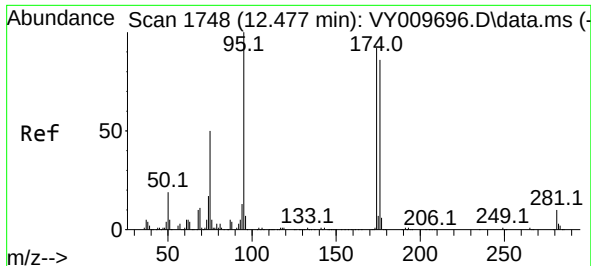
Tgt Ion: 43 Resp: 3605
Ion Ratio Lower Upper
43 100
61 49.6 20.2 30.2#
87 87.0 8.9 13.3#



#50
Toluene-d8
Concen: 50.345 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009781.D
Acq: 29 Jul 2022 18:36

Tgt Ion: 98 Resp: 215910
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

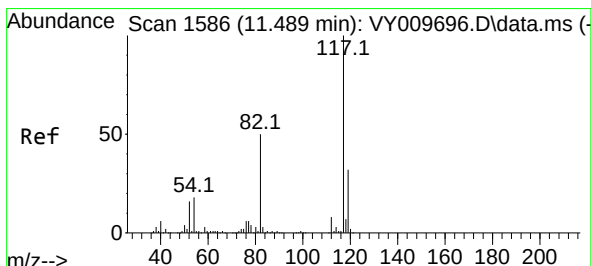
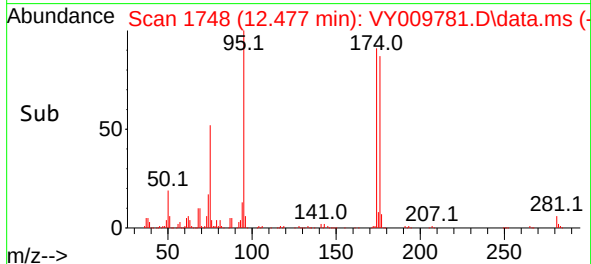
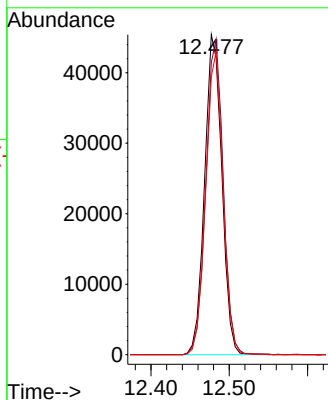
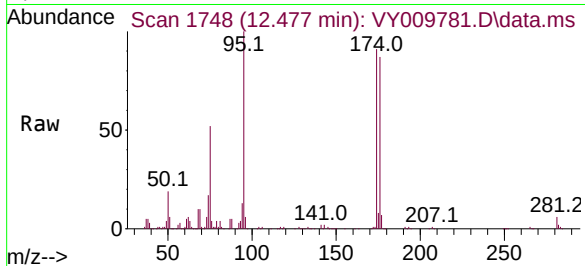




#62
4-Bromofluorobenzene
Concen: 35.407 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009781.D
Acq: 29 Jul 2022 18:36

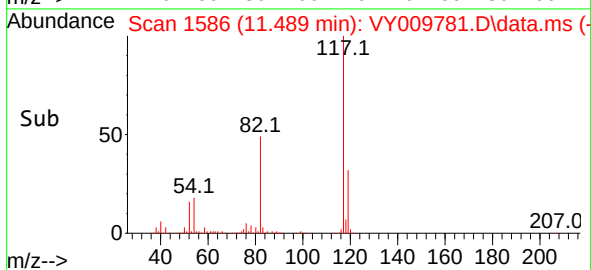
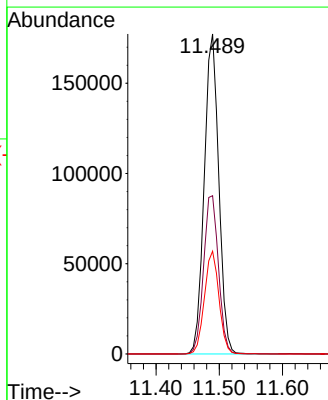
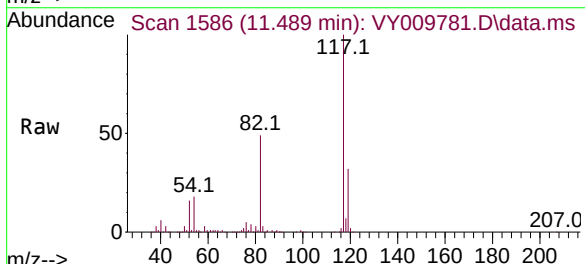
Instrument :
MSVOA_Y
ClientSampleId :
RVE-88

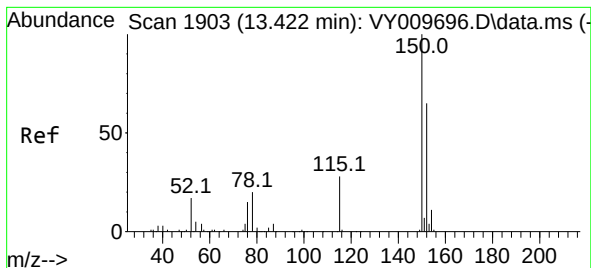
Tgt Ion: 95 Resp: 69176
Ion Ratio Lower Upper
95 100
174 99.6 0.0 177.0
176 94.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009781.D
Acq: 29 Jul 2022 18:36

Tgt Ion: 117 Resp: 283535
Ion Ratio Lower Upper
117 100
82 49.4 43.0 64.4
119 32.1 25.4 38.0

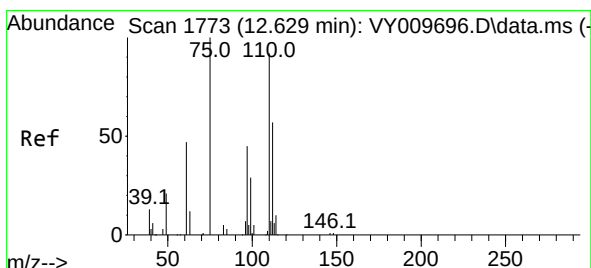
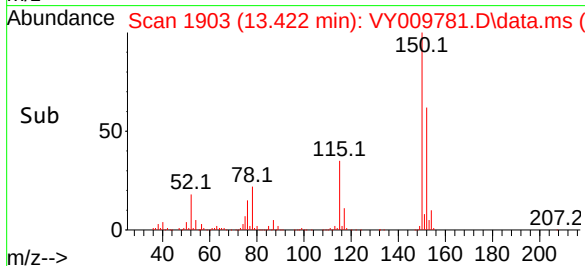
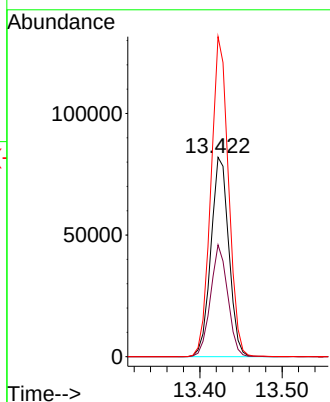
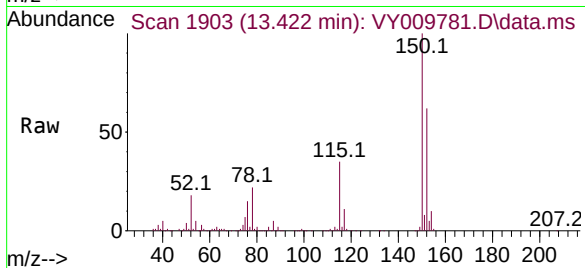




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009781.D
 Acq: 29 Jul 2022 18:36

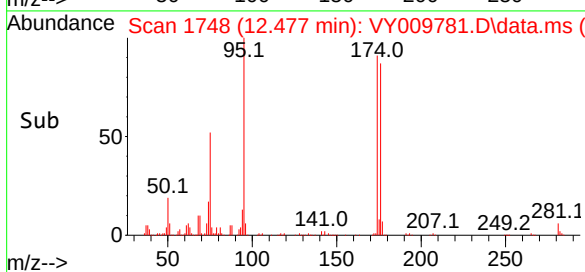
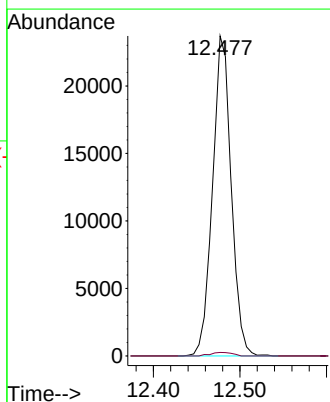
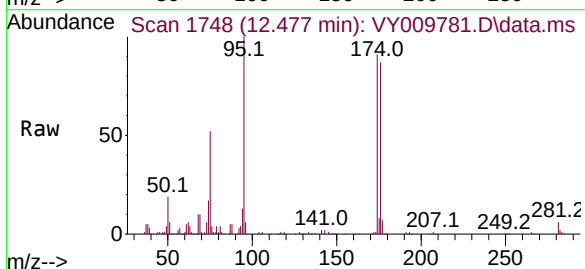
Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-88

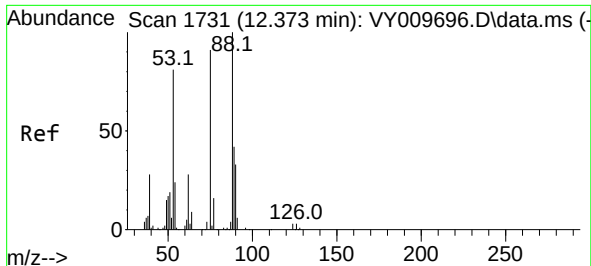
Tgt Ion:152 Resp: 123958
 Ion Ratio Lower Upper
 152 100
 115 53.8 28.2 84.7
 150 157.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 30.821 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY009781.D
 Acq: 29 Jul 2022 18:36

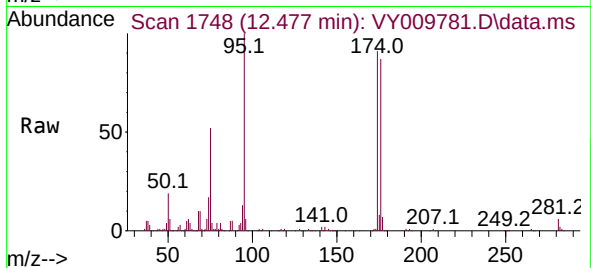
Tgt Ion: 75 Resp: 35487
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.435 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009781.D
 Acq: 29 Jul 2022 18:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-88



Tgt Ion: 75 Resp: 35487
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

