

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009759.D
 Acq On : 28 Jul 2022 18:23
 Operator : KP/MD
 Sample : N3895-06
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-44

Quant Time: Jul 29 02:58:01 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	146720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	263978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120624	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	60568	63.405	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.820%
35) Dibromofluoromethane	7.709	113	57663	40.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.320%
50) Toluene-d8	10.172	98	224041	53.914	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	107.820%
62) 4-Bromofluorobenzene	12.477	95	61648	32.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	64.760%

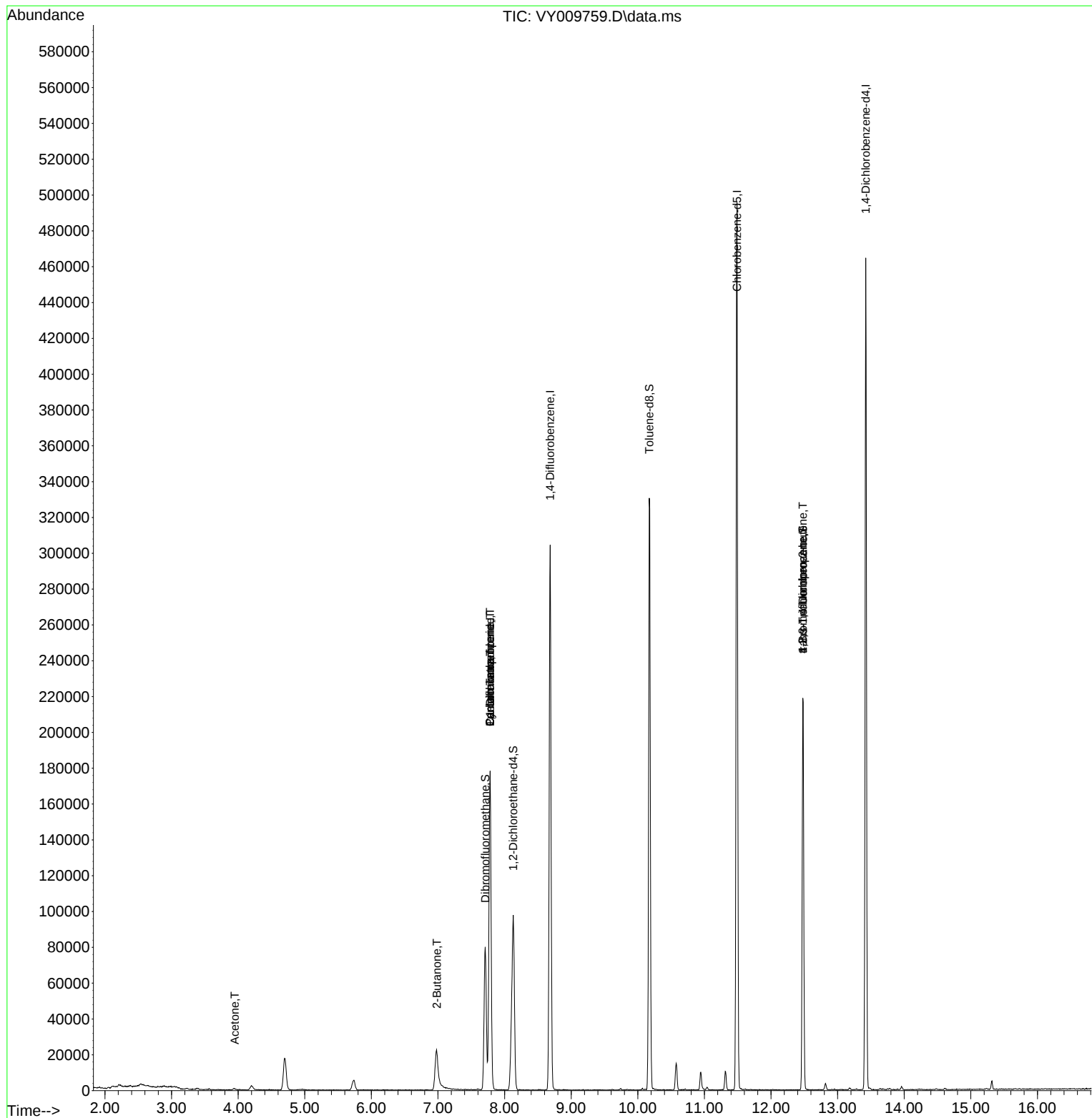
Target Compounds					Qvalue
11) Tert butyl alcohol	4.954	59	39	Below Cal	# 77
16) Acetone	3.948	43	1278	3.643	ug/l 98
18) Methyl Acetate	4.466	43	266	Below Cal	# 56
20) Methylene Chloride	4.698	84	13620	Below Cal	# 88
25) 2-Butanone	6.984	43	1231	2.379	ug/l # 87
31) Cyclohexane	7.783	56	2744	1.175	ug/l # 1
36) 1,1-Dichloropropene	7.783	75	9997	4.279	ug/l # 50
38) Carbon Tetrachloride	7.783	117	13210	5.277	ug/l # 15
76) 1,2,3-Trichloropropane	12.477	75	31985	28.547	ug/l # 100
81) trans-1,4-Dichloro-2-b...	12.477	75	31985	56.903	ug/l # 7

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

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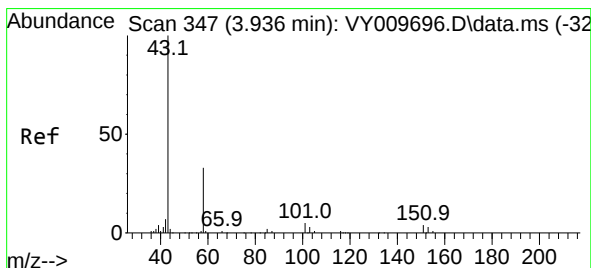
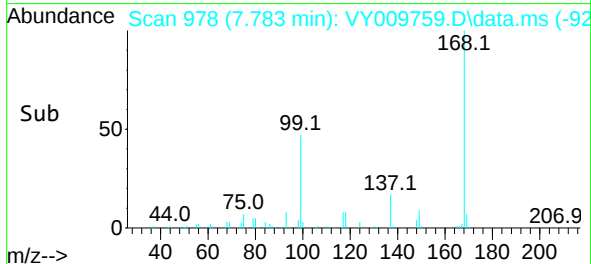
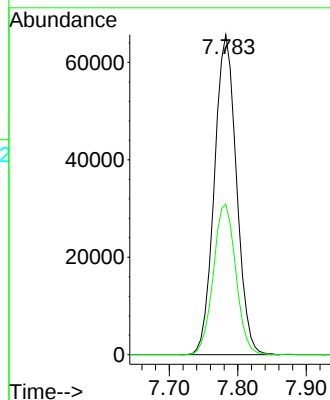
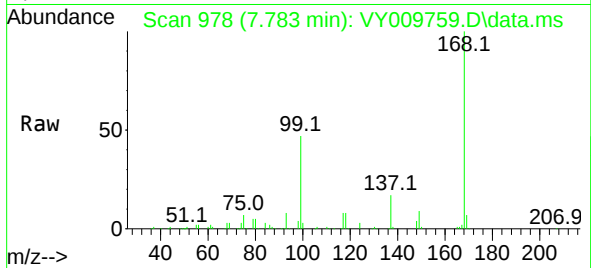




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009759.D
Acq: 28 Jul 2022 18:23

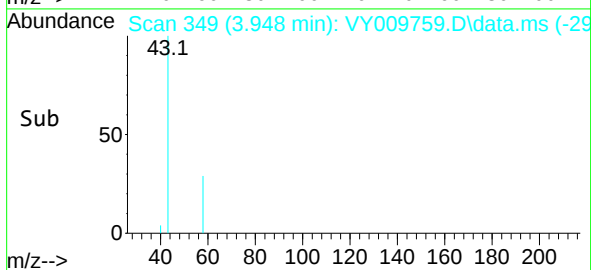
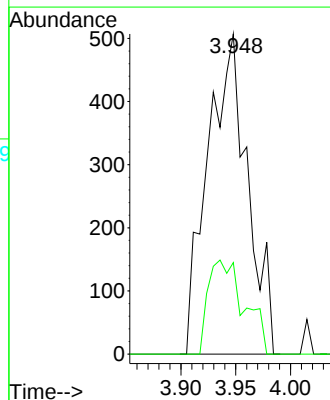
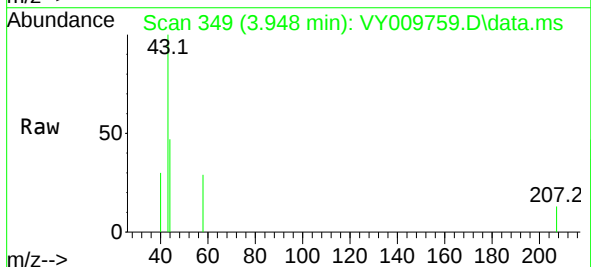
Instrument :
MSVOA_Y
ClientSampleId :
RVE-44

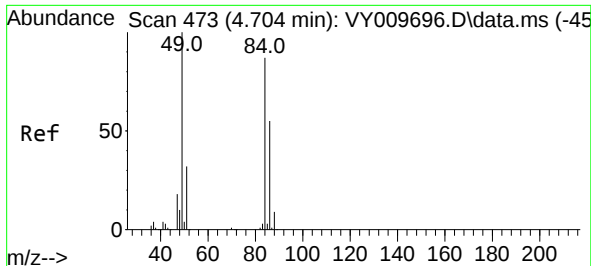
Tgt Ion:168 Resp: 146720
Ion Ratio Lower Upper
168 100
99 47.0 46.9 70.3



#16
Acetone
Concen: 3.643 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009759.D
Acq: 28 Jul 2022 18:23

Tgt Ion: 43 Resp: 1278
Ion Ratio Lower Upper
43 100
58 28.6 22.0 33.0



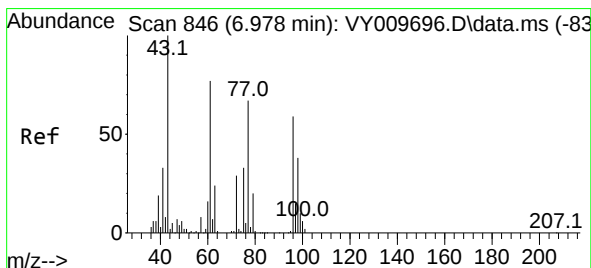
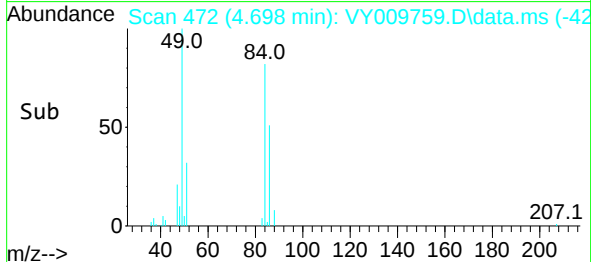
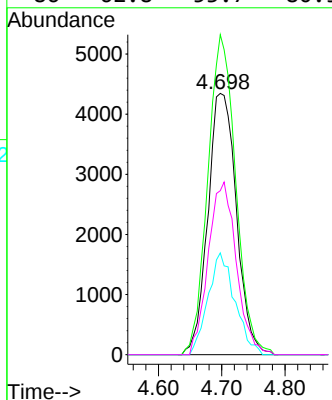
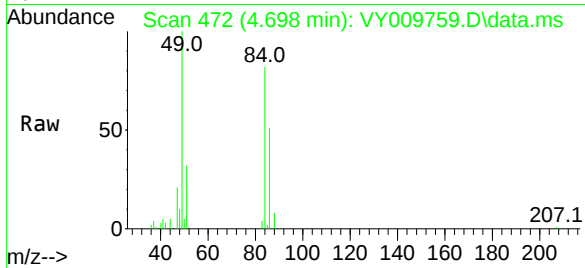


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009759.D
Acq: 28 Jul 2022 18:23

Instrument :
MSVOA_Y
ClientSampleId :
RVE-44

Tgt Ion: 84 Resp: 13620

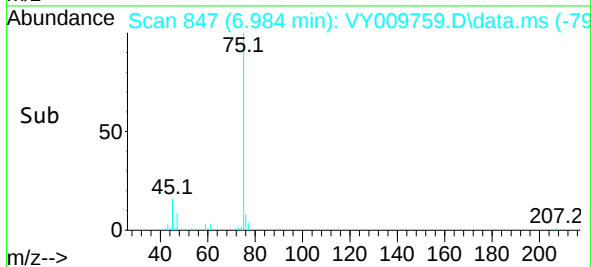
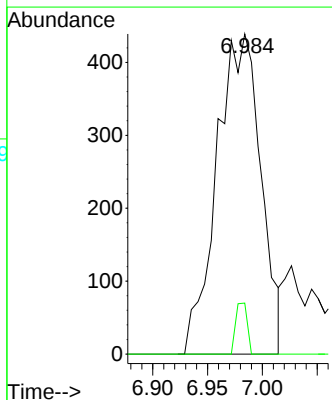
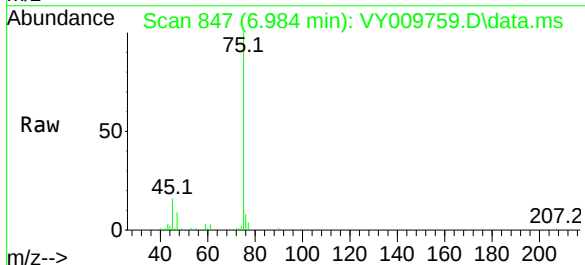
Ion	Ratio	Lower	Upper
84	100		
49	122.5	114.4	171.6
51	39.0	35.3	52.9
86	62.8	53.7	80.5

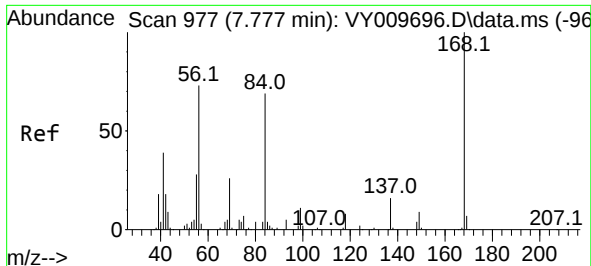


#25
2-Butanone
Concen: 2.379 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009759.D
Acq: 28 Jul 2022 18:23

Tgt Ion: 43 Resp: 1231

Ion	Ratio	Lower	Upper
43	100		
72	15.9	17.7	26.5

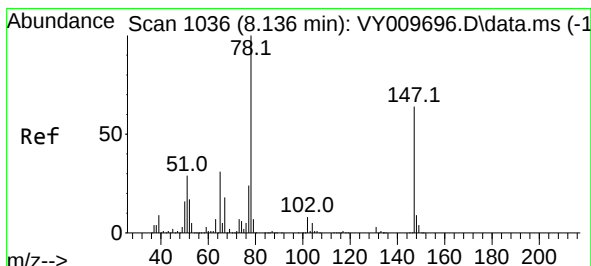
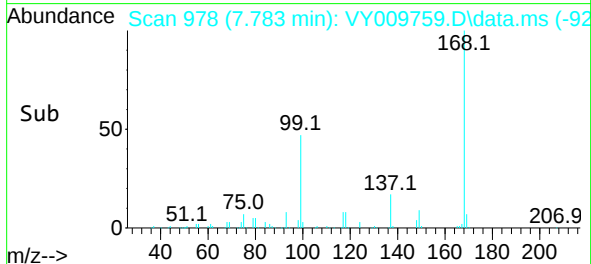
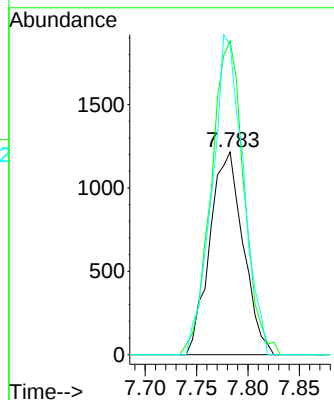
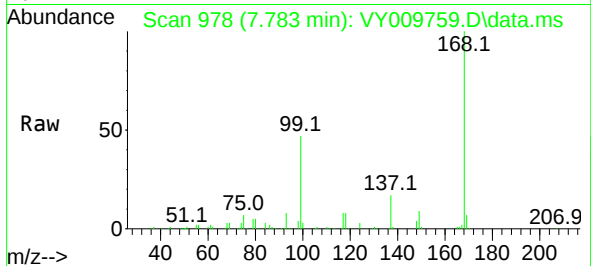




#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009759.D
Acq: 28 Jul 2022 18:23

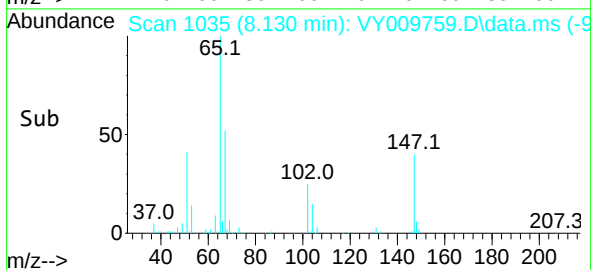
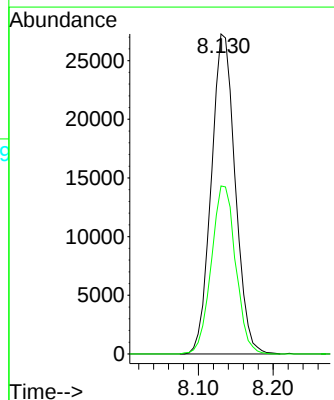
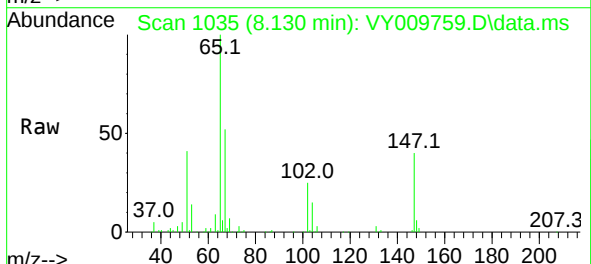
Instrument :
MSVOA_Y
ClientSampleId :
RVE-44

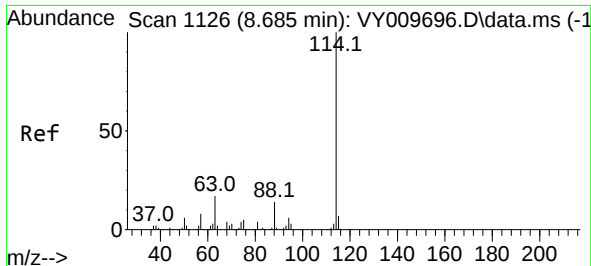
Tgt Ion: 56 Resp: 2744
Ion Ratio Lower Upper
56 100
69 155.0 26.7 40.1#
84 153.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.405 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009759.D
Acq: 28 Jul 2022 18:23

Tgt Ion: 65 Resp: 60568
Ion Ratio Lower Upper
65 100
67 53.5 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: VY009759.D

Acq: 28 Jul 2022 18:23

Instrument :

MSVOA_Y

ClientSampleId :

RVE-44

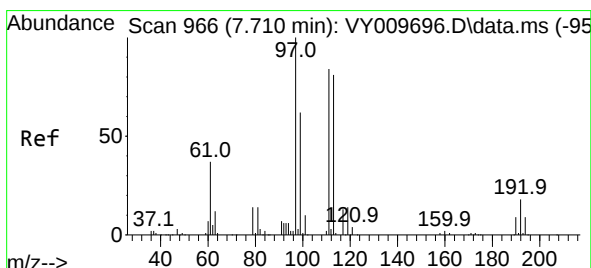
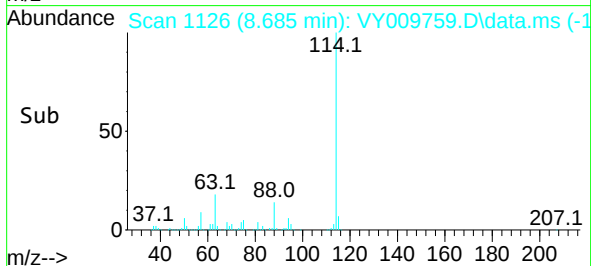
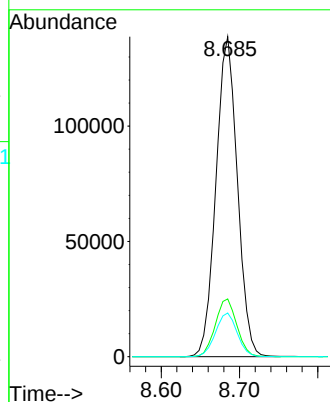
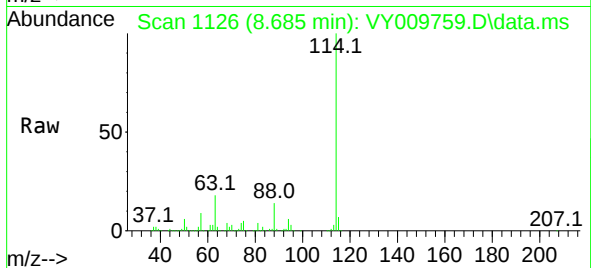
Tgt Ion:114 Resp: 263978

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 13.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.163 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY009759.D

Acq: 28 Jul 2022 18:23

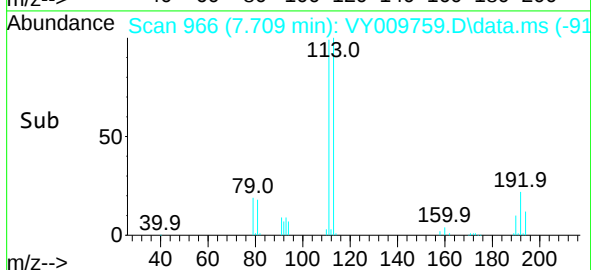
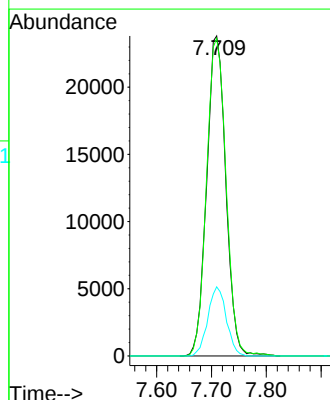
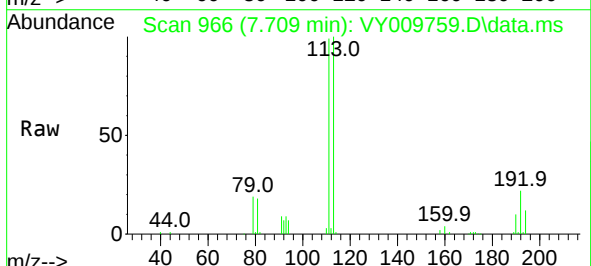
Tgt Ion:113 Resp: 57663

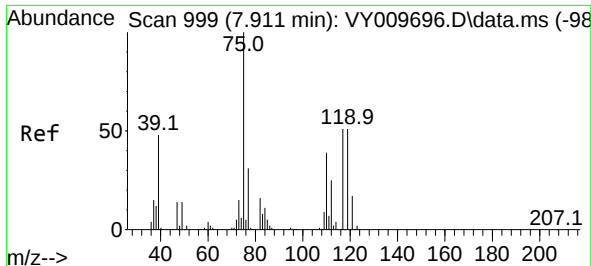
Ion Ratio Lower Upper

113 100

111 100.9 82.6 124.0

192 20.9 17.6 26.4

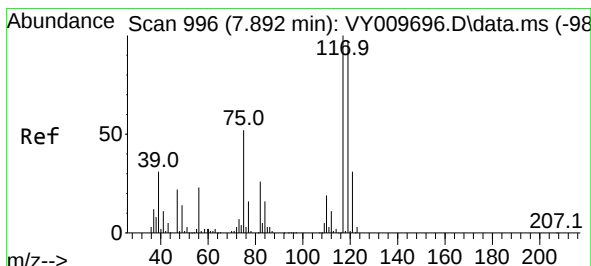
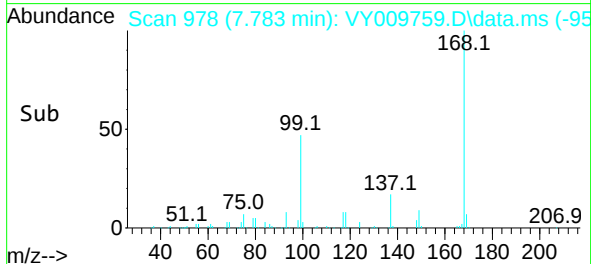
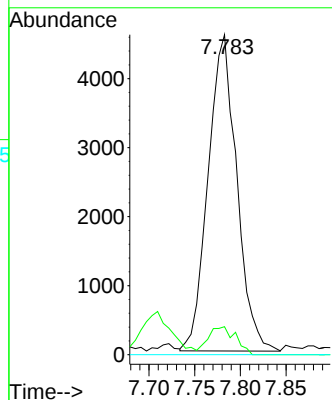
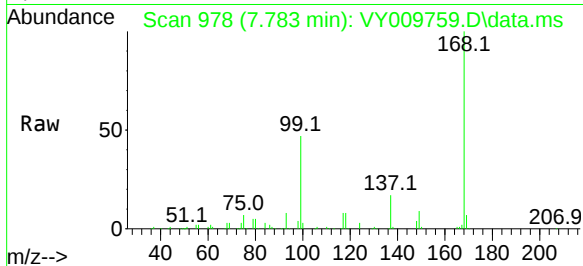




#36
1,1-Dichloropropene
Concen: 4.279 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009759.D
Acq: 28 Jul 2022 18:23

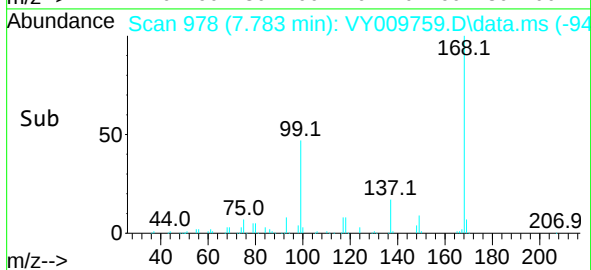
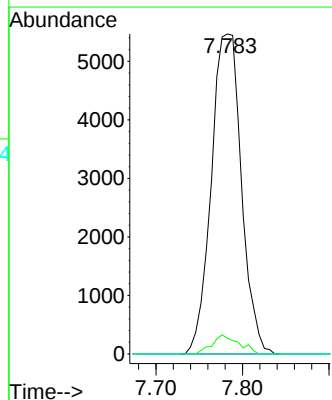
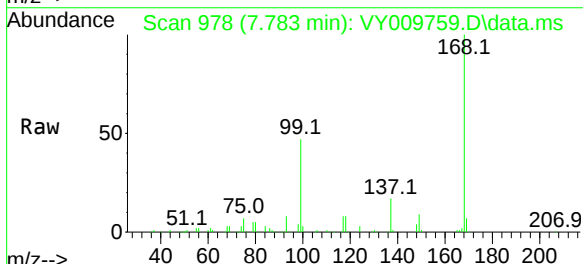
Instrument :
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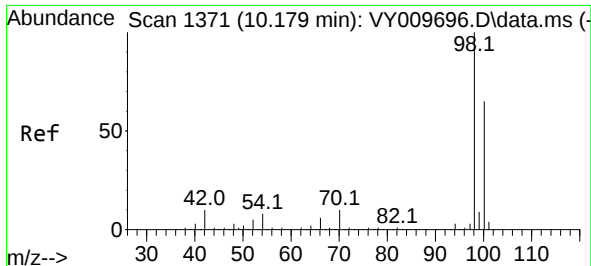
Tgt Ion: 75 Resp: 9997
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.277 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009759.D
Acq: 28 Jul 2022 18:23

Tgt Ion: 117 Resp: 13210
Ion Ratio Lower Upper
117 100
119 4.9 77.9 116.9#
121 0.0 24.8 37.2#

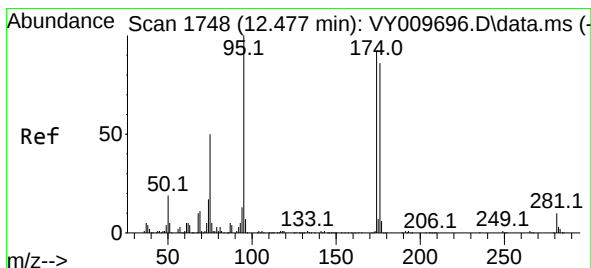
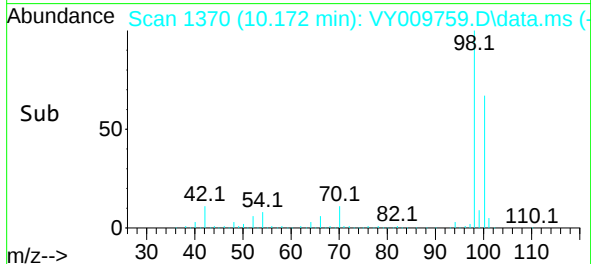
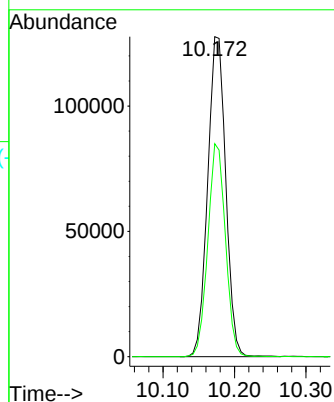
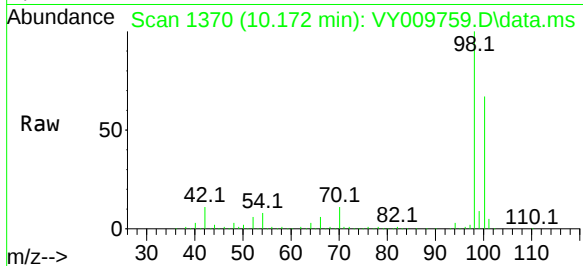




#50
Toluene-d8
Concen: 53.914 ug/l
RT: 10.172 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009759.D
Acq: 28 Jul 2022 18:23

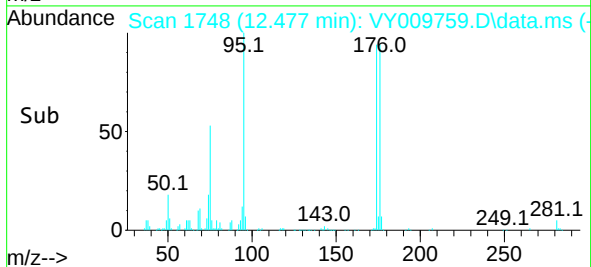
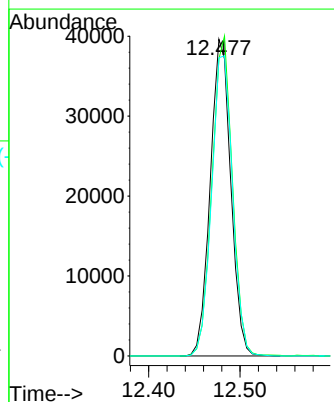
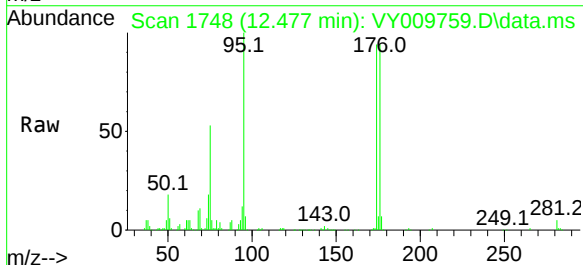
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RVE-44

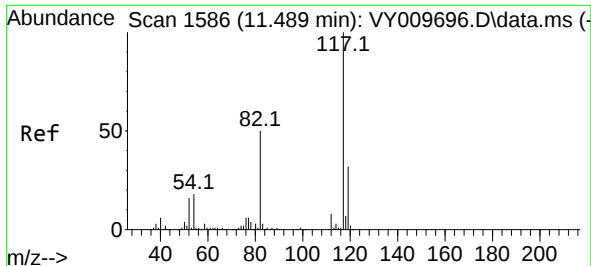
Tgt Ion: 98 Resp: 224041
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.383 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009759.D
Acq: 28 Jul 2022 18:23

Tgt Ion: 95 Resp: 61648
Ion Ratio Lower Upper
95 100
174 100.2 0.0 177.0
176 97.0 0.0 175.8

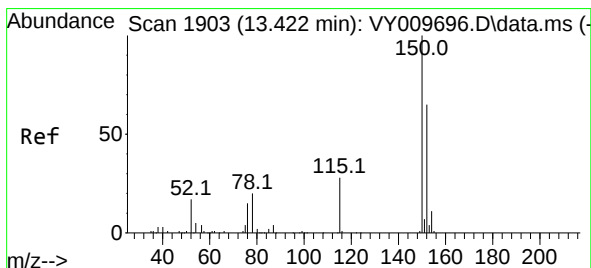
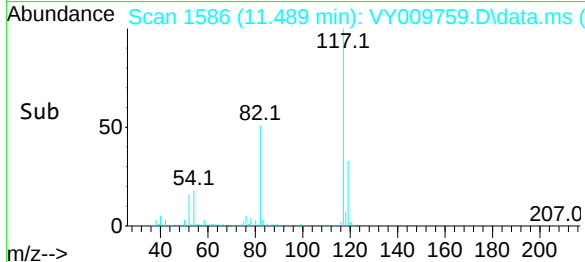
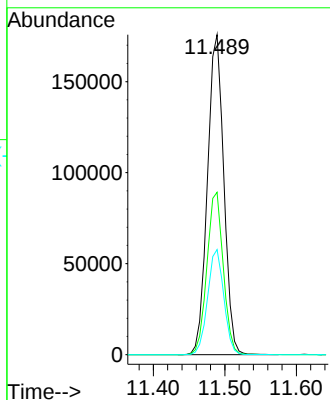
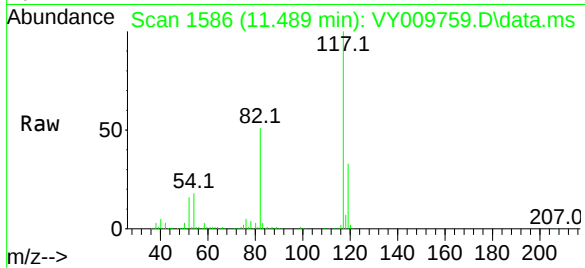




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009759.D
Acq: 28 Jul 2022 18:23

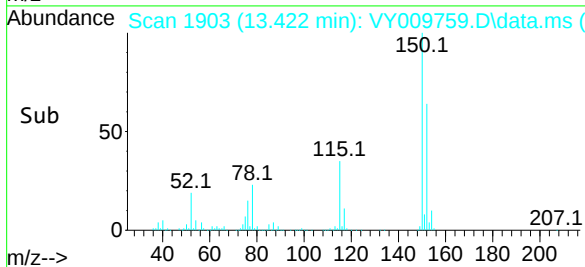
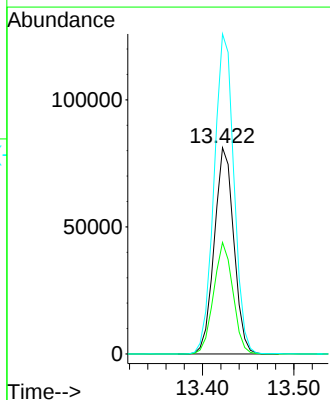
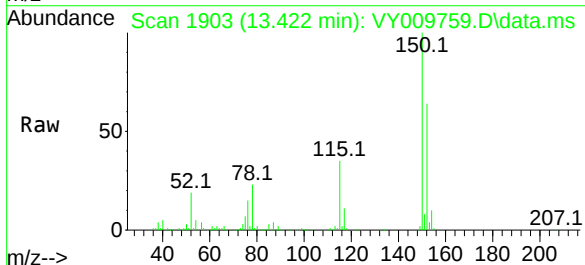
Instrument :
MSVOA_Y
ClientSampleId :
RVE-44

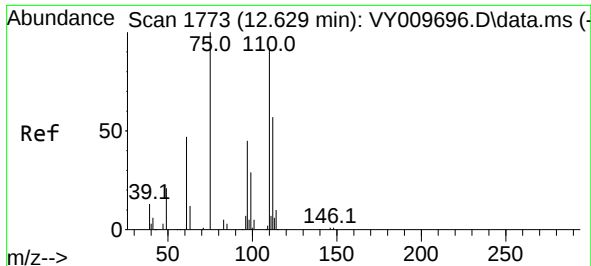
Tgt Ion:117 Resp: 279678
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009759.D
Acq: 28 Jul 2022 18:23

Tgt Ion:152 Resp: 120624
Ion Ratio Lower Upper
152 100
115 53.2 28.2 84.7
150 157.6 0.0 347.6

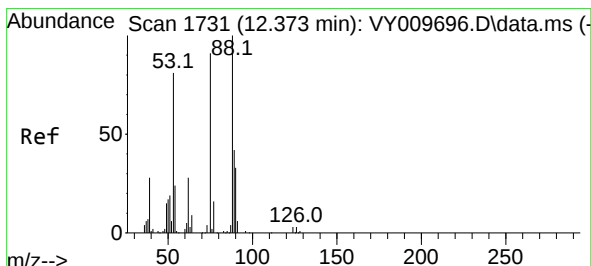
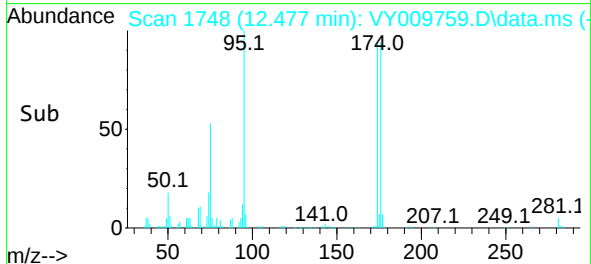
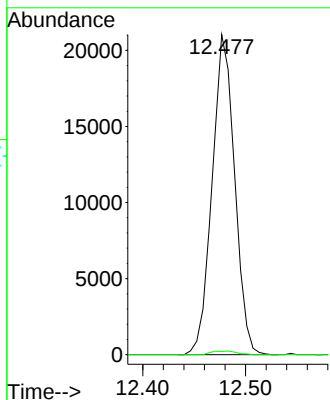
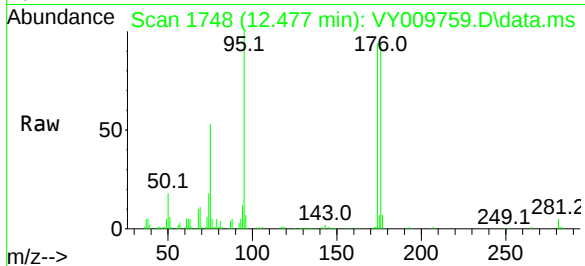




#76
1,2,3-Trichloropropane
Concen: 28.547 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY009759.D
Acq: 28 Jul 2022 18:23

Instrument :
MSVOA_Y
ClientSampleId :
RVE-44

Tgt Ion: 75 Resp: 31985
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.903 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009759.D
Acq: 28 Jul 2022 18:23

Tgt Ion: 75 Resp: 31985
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

