

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009906.D
 Acq On : 09 Aug 2022 04:19
 Operator : KP/MD
 Sample : N3962-02
 Misc : 2.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-204

Quant Time: Aug 09 07:01:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

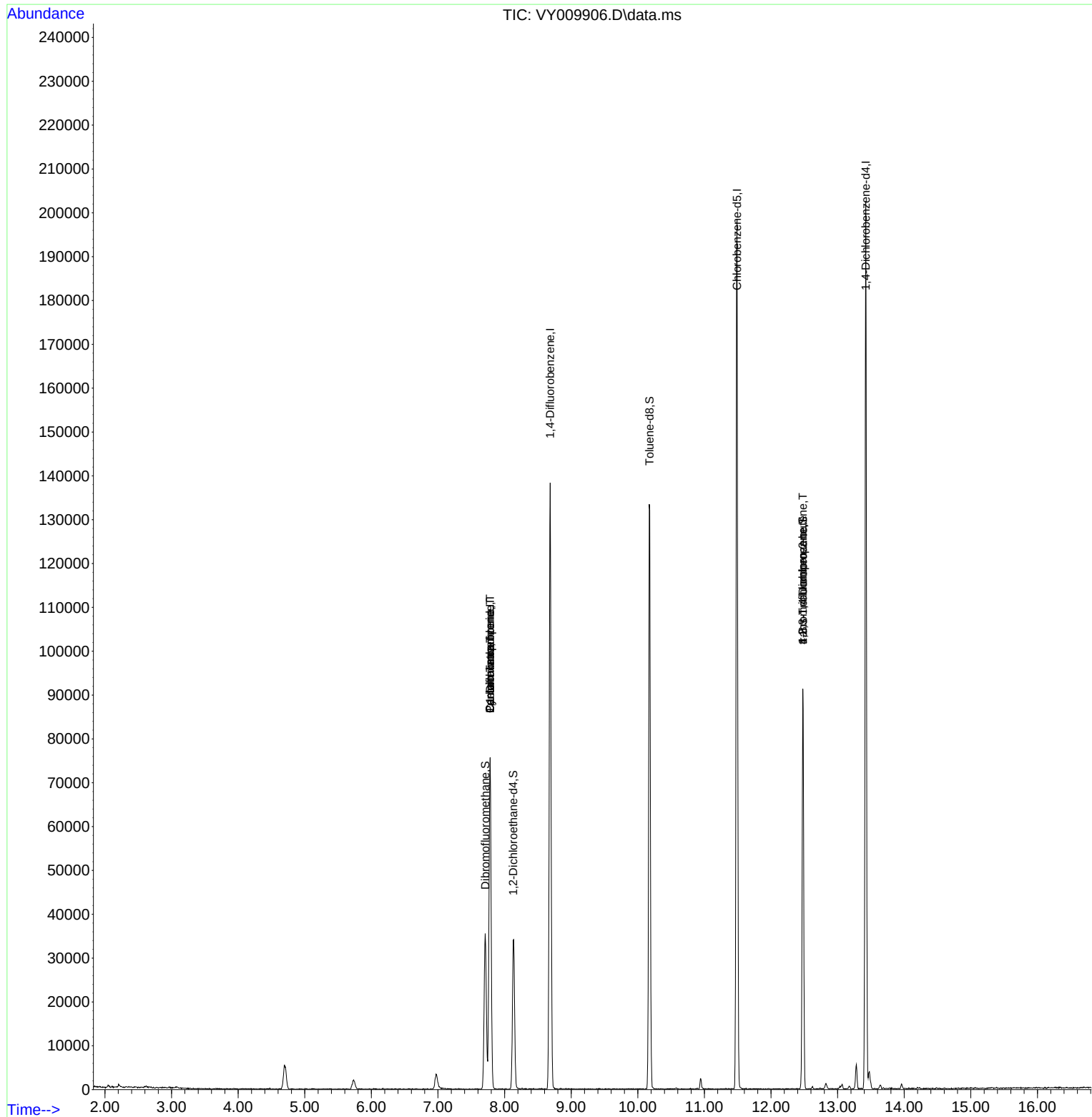
Internal Standards						
1) Pentafluorobenzene	7.783	168	57726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	113892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	107502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	25751	57.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.780%
35) Dibromofluoromethane	7.709	113	25318	40.951	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.900%
50) Toluene-d8	10.178	98	86692	45.714	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.420%
62) 4-Bromofluorobenzene	12.477	95	26554	30.760	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.520%
Target Compounds						
18) Methyl Acetate	4.466	43	142	Below Cal	#	52
20) Methylene Chloride	4.704	84	4205	Below Cal	#	90
31) Cyclohexane	7.783	56	1351	1.206	ug/l #	33
36) 1,1-Dichloropropene	7.783	75	4904	4.701	ug/l #	48
38) Carbon Tetrachloride	7.783	117	5692	5.497	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	13985	26.316	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	13985	53.204	ug/l #	13

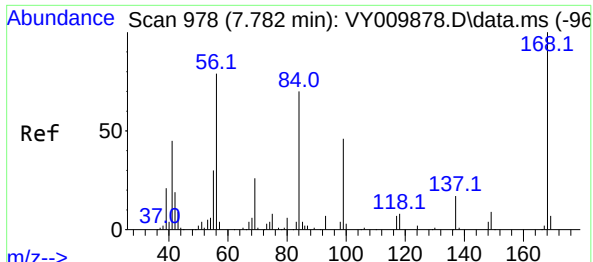
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
Data File : VY009906.D
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Operator : KP/MD
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Misc : 2.49g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
RVE-204

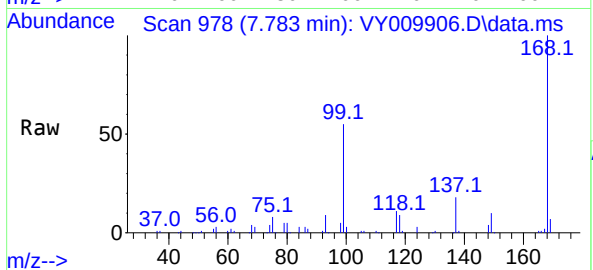
Quant Time: Aug 09 07:01:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration



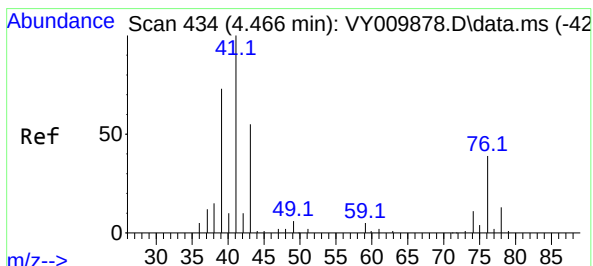
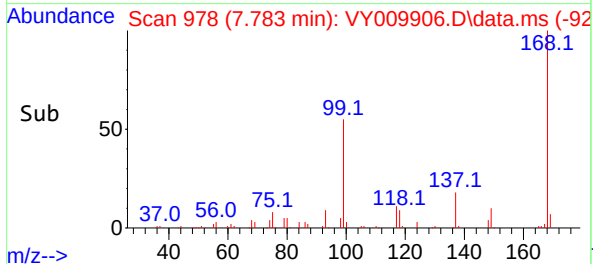
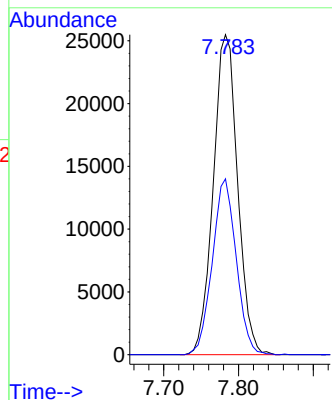


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009906.D
Acq: 09 Aug 2022 04:19

Instrument :
MSVOA_Y
ClientSampleId :
RVE-204

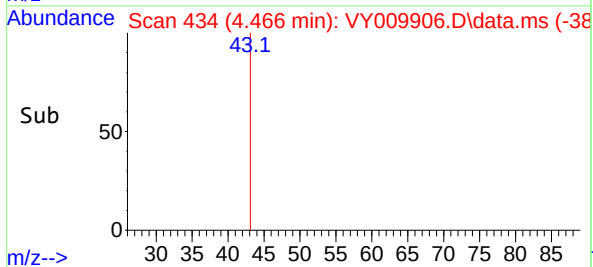
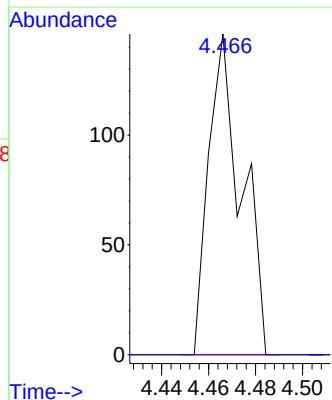
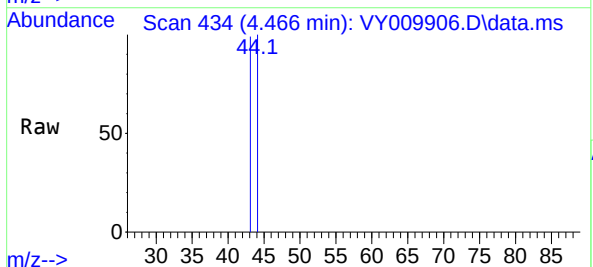


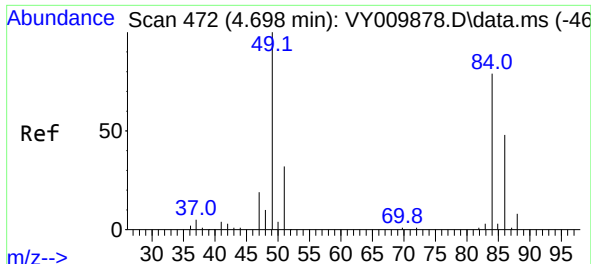
Tgt Ion:168 Resp: 57726
Ion Ratio Lower Upper
168 100
99 54.9 42.1 63.1



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009906.D
Acq: 09 Aug 2022 04:19

Tgt Ion: 43 Resp: 142
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



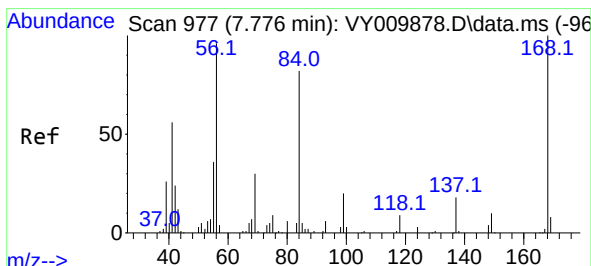
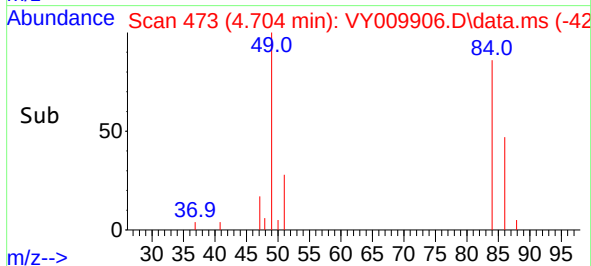
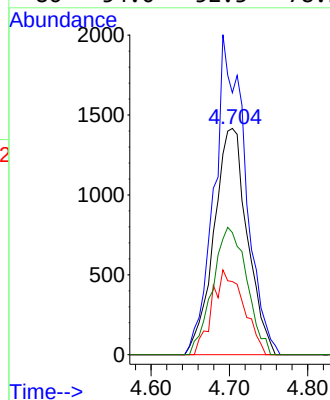
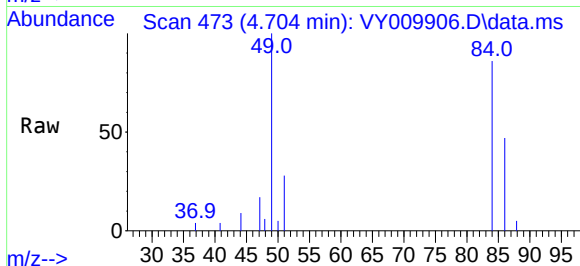


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009906.D
Acq: 09 Aug 2022 04:19

Instrument :
MSVOA_Y
ClientSampleId :
RVE-204

Tgt Ion: 84 Resp: 4205

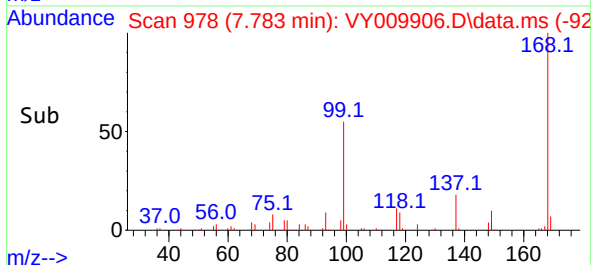
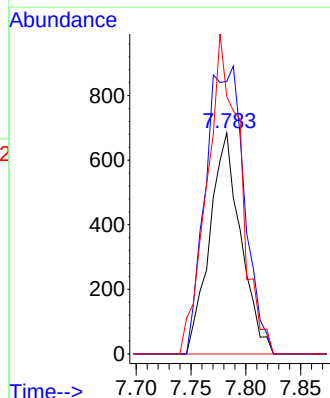
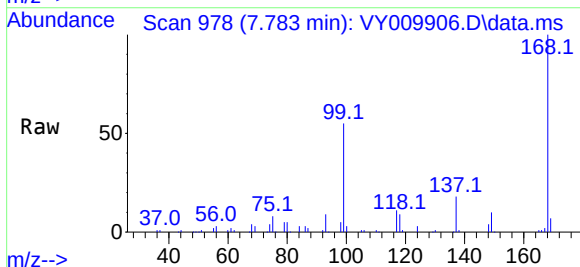
Ion	Ratio	Lower	Upper
84	100		
49	115.8	98.2	147.4
51	32.3	33.4	50.0#
86	54.0	52.3	78.5

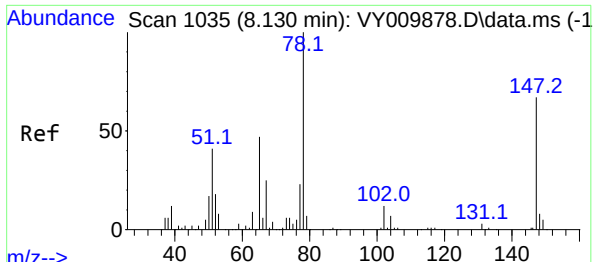


#31
Cyclohexane
Concen: 1.206 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.007 min
Lab File: VY009906.D
Acq: 09 Aug 2022 04:19

Tgt Ion: 56 Resp: 1351

Ion	Ratio	Lower	Upper
56	100		
69	123.4	26.0	39.0#
84	116.5	69.5	104.3#

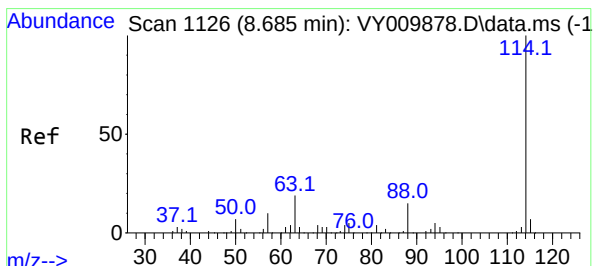
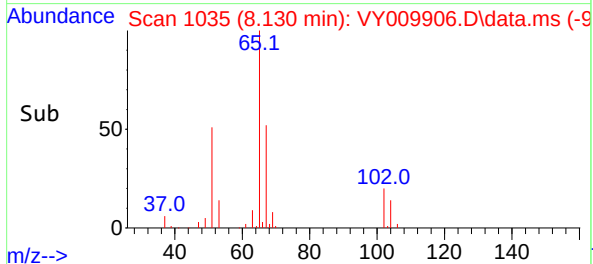
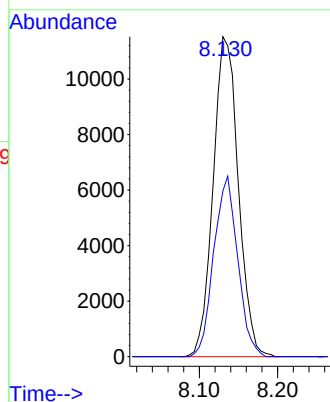
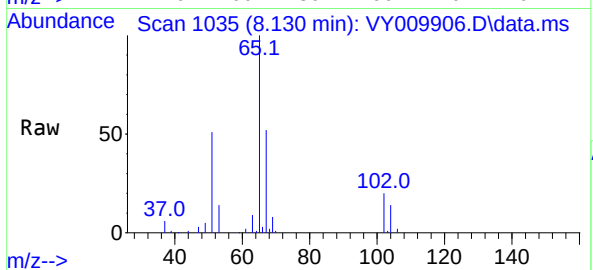




#33
1,2-Dichloroethane-d4
Concen: 57.890 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009906.D
Acq: 09 Aug 2022 04:19

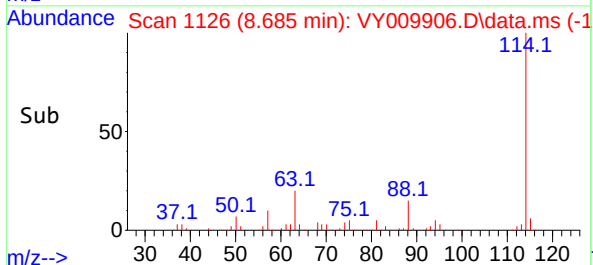
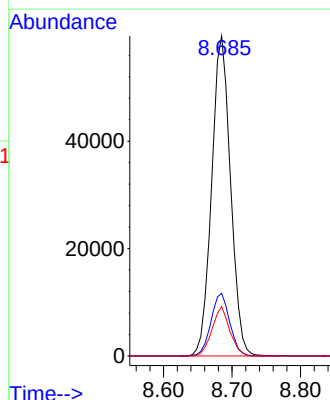
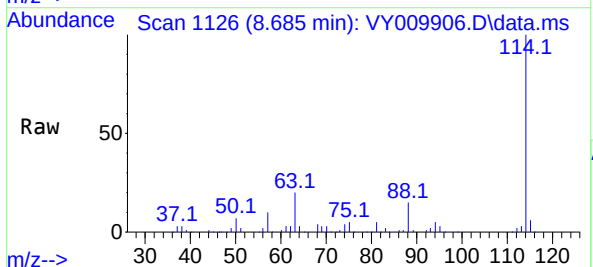
Instrument :
MSVOA_Y
ClientSampleId :
RVE-204

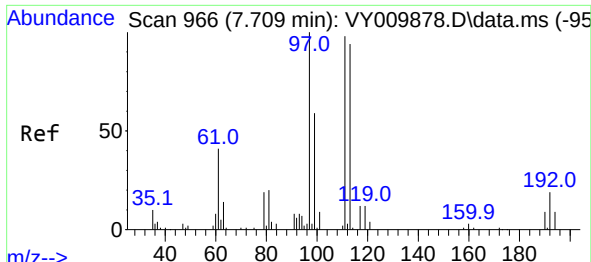
Tgt Ion: 65 Resp: 25751
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009906.D
Acq: 09 Aug 2022 04:19

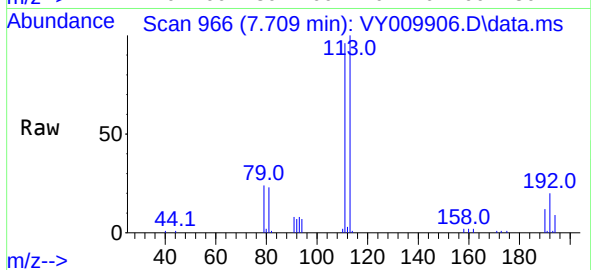
Tgt Ion: 114 Resp: 113892
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.0
88 15.4 0.0 30.0



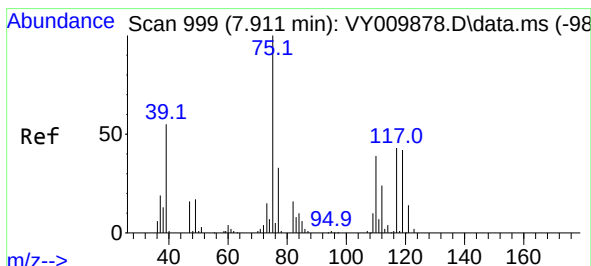
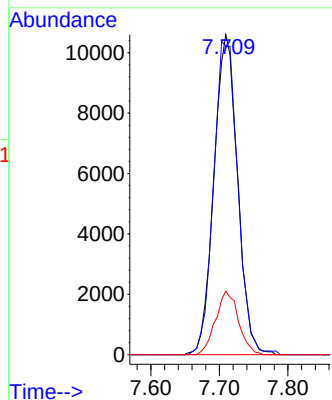
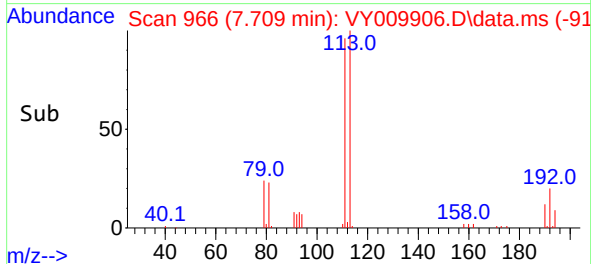


#35
Dibromofluoromethane
Concen: 40.951 ug/l
RT: 7.709 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY009906.D
Acq: 09 Aug 2022 04:19

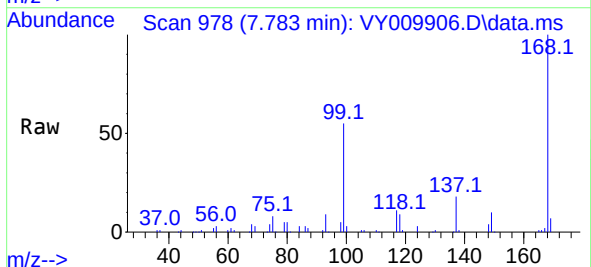
Instrument :
MSVOA_Y
ClientSampleId :
RVE-204



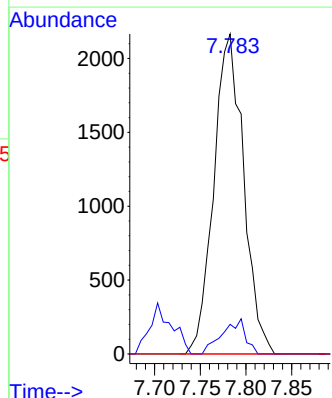
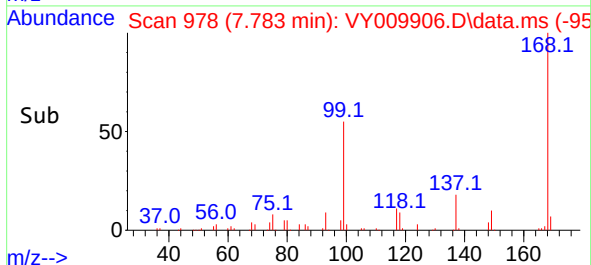
Tgt Ion:113 Resp: 25318
Ion Ratio Lower Upper
113 100
111 100.8 80.6 120.8
192 19.3 16.2 24.4

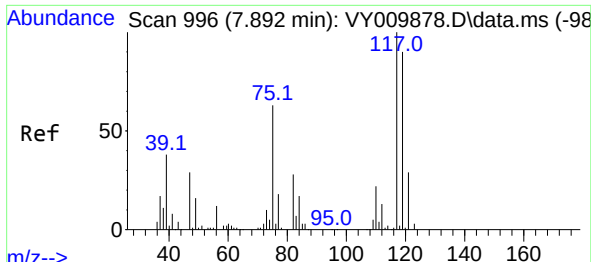


#36
1,1-Dichloropropene
Concen: 4.701 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009906.D
Acq: 09 Aug 2022 04:19



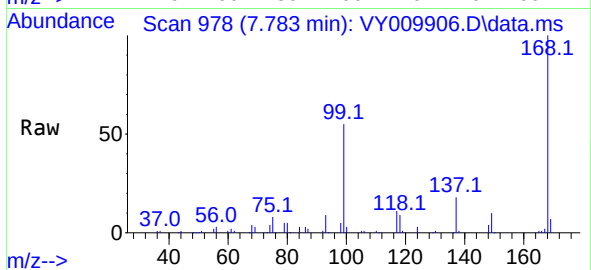
Tgt Ion: 75 Resp: 4904
Ion Ratio Lower Upper
75 100
110 8.6 18.6 56.0#
77 0.0 25.0 37.4#



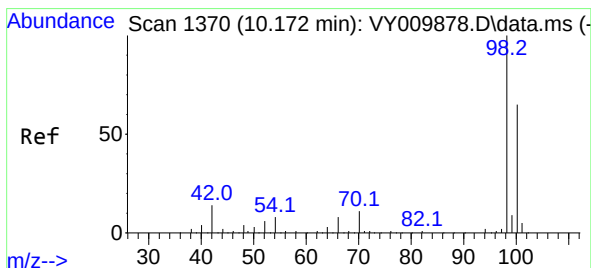
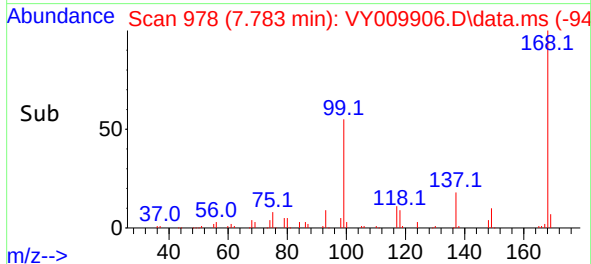
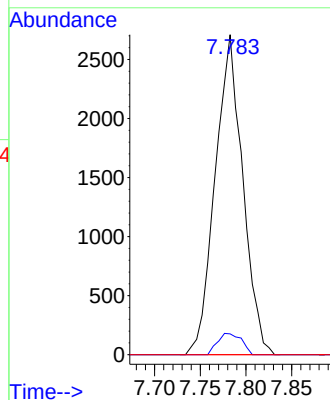


#38
Carbon Tetrachloride
Concen: 5.497 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009906.D
Acq: 09 Aug 2022 04:19

Instrument :
MSVOA_Y
ClientSampleId :
RVE-204

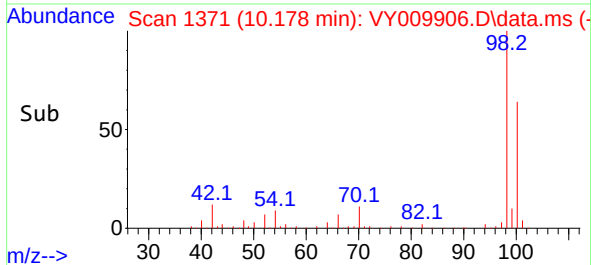
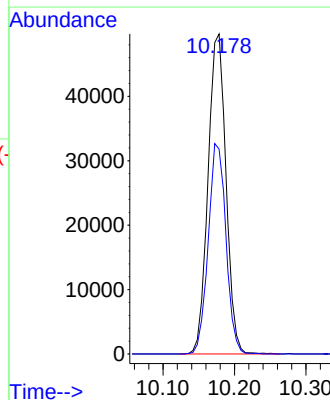
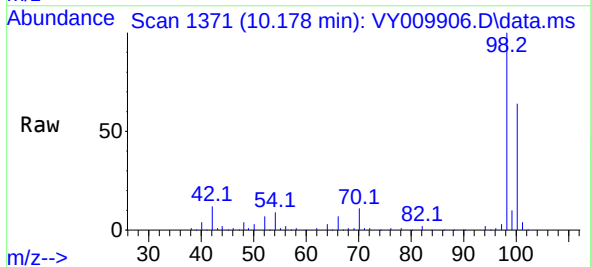


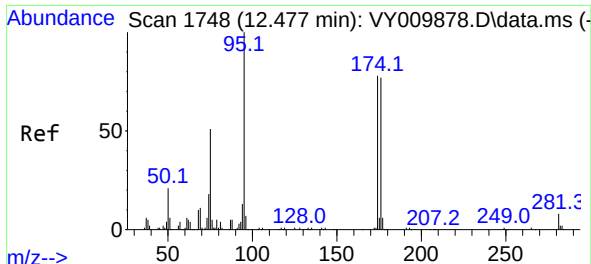
Tgt Ion:117 Resp: 5692
Ion Ratio Lower Upper
117 100
119 6.5 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 45.714 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009906.D
Acq: 09 Aug 2022 04:19

Tgt Ion: 98 Resp: 86692
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3

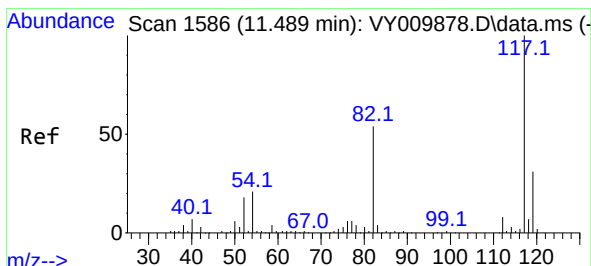
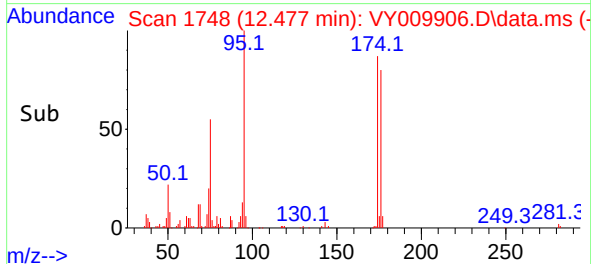
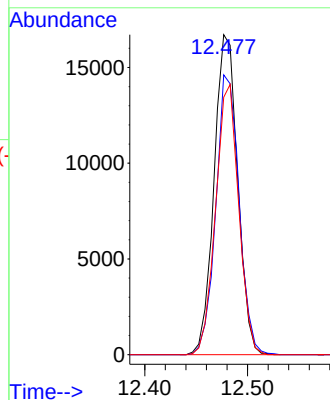
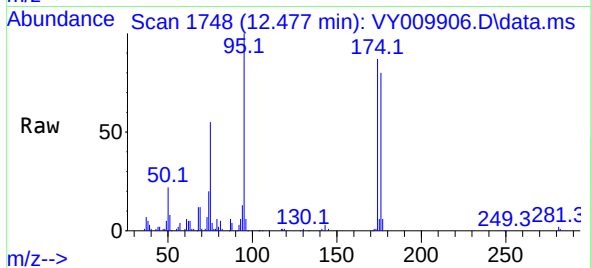




#62
4-Bromofluorobenzene
Concen: 30.760 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009906.D
Acq: 09 Aug 2022 04:19

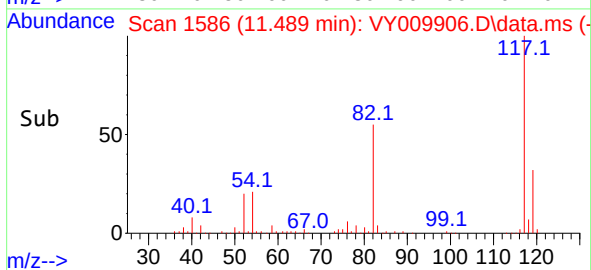
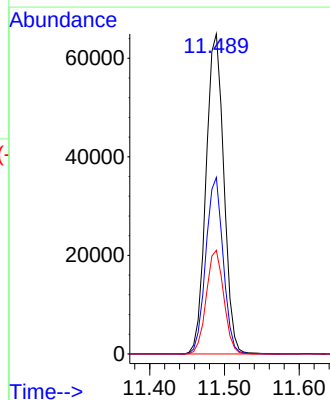
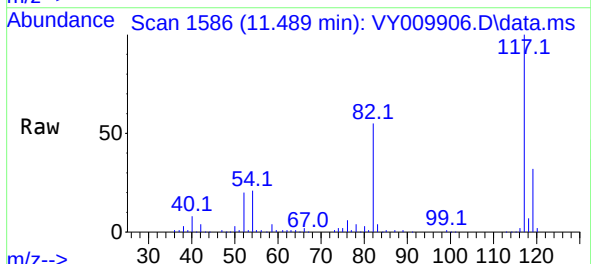
Instrument :
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ClientSampleId :
RVE-204

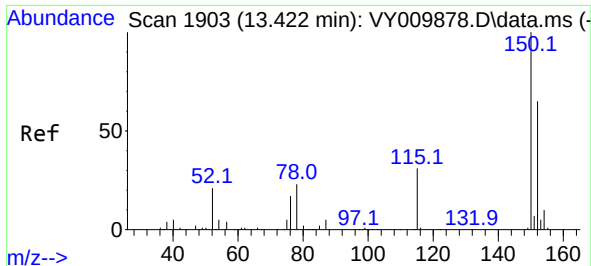
Tgt Ion:	95	Resp:	26554
Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	173.8
176	82.7	0.0	167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009906.D
Acq: 09 Aug 2022 04:19

Tgt Ion:	117	Resp:	107502
Ion	Ratio	Lower	Upper
117	100		
82	55.1	41.8	62.6
119	32.4	25.6	38.4

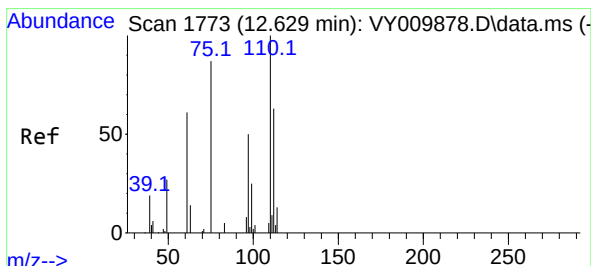
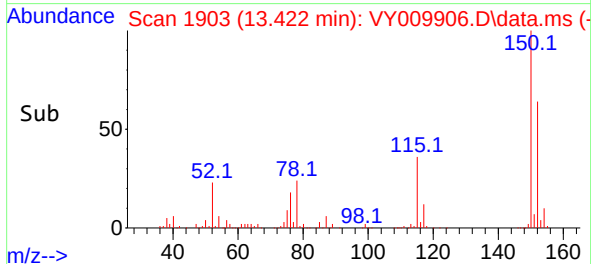
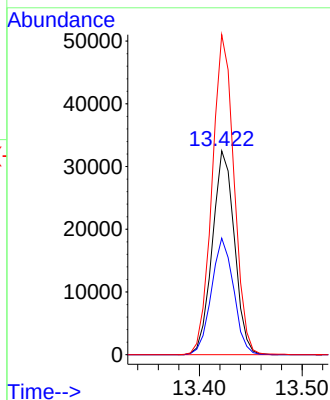
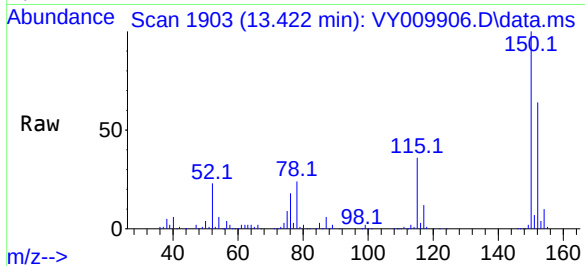




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009906.D
Acq: 09 Aug 2022 04:19

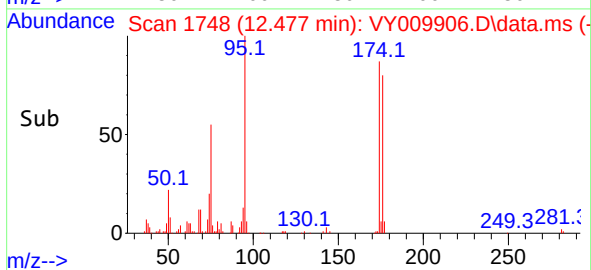
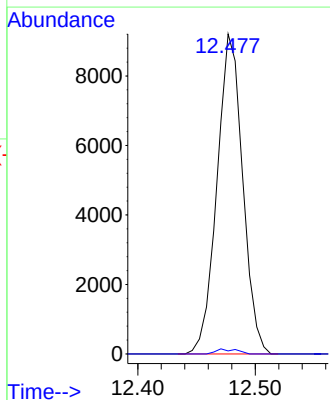
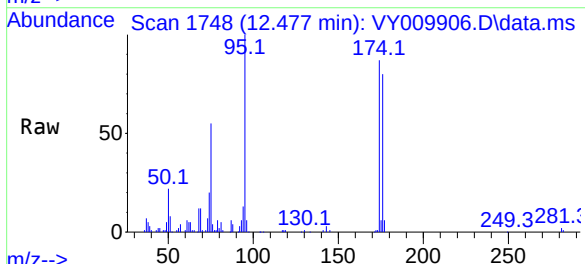
Instrument :
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ClientSampleId :
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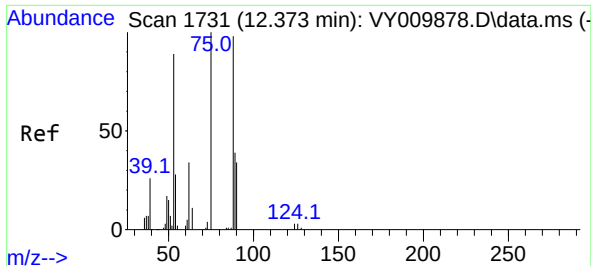
Tgt Ion:152 Resp: 48573
Ion Ratio Lower Upper
152 100
115 57.3 28.6 85.9
150 155.6 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 26.316 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009906.D
Acq: 09 Aug 2022 04:19

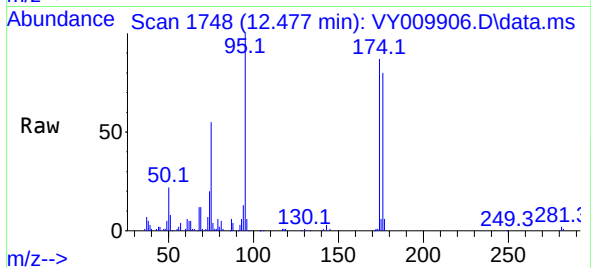
Tgt Ion: 75 Resp: 13985
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.204 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009906.D
 Acq: 09 Aug 2022 04:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-204



Tgt Ion: 75 Resp: 13985

Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.4	107.2#
89	0.0	38.1	57.1#

