

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021711.D
 Acq On : 31 Mar 2025 11:04
 Operator : SY/MD
 Sample : VY0331SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0331SBL01

Quant Time: Apr 01 05:33:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

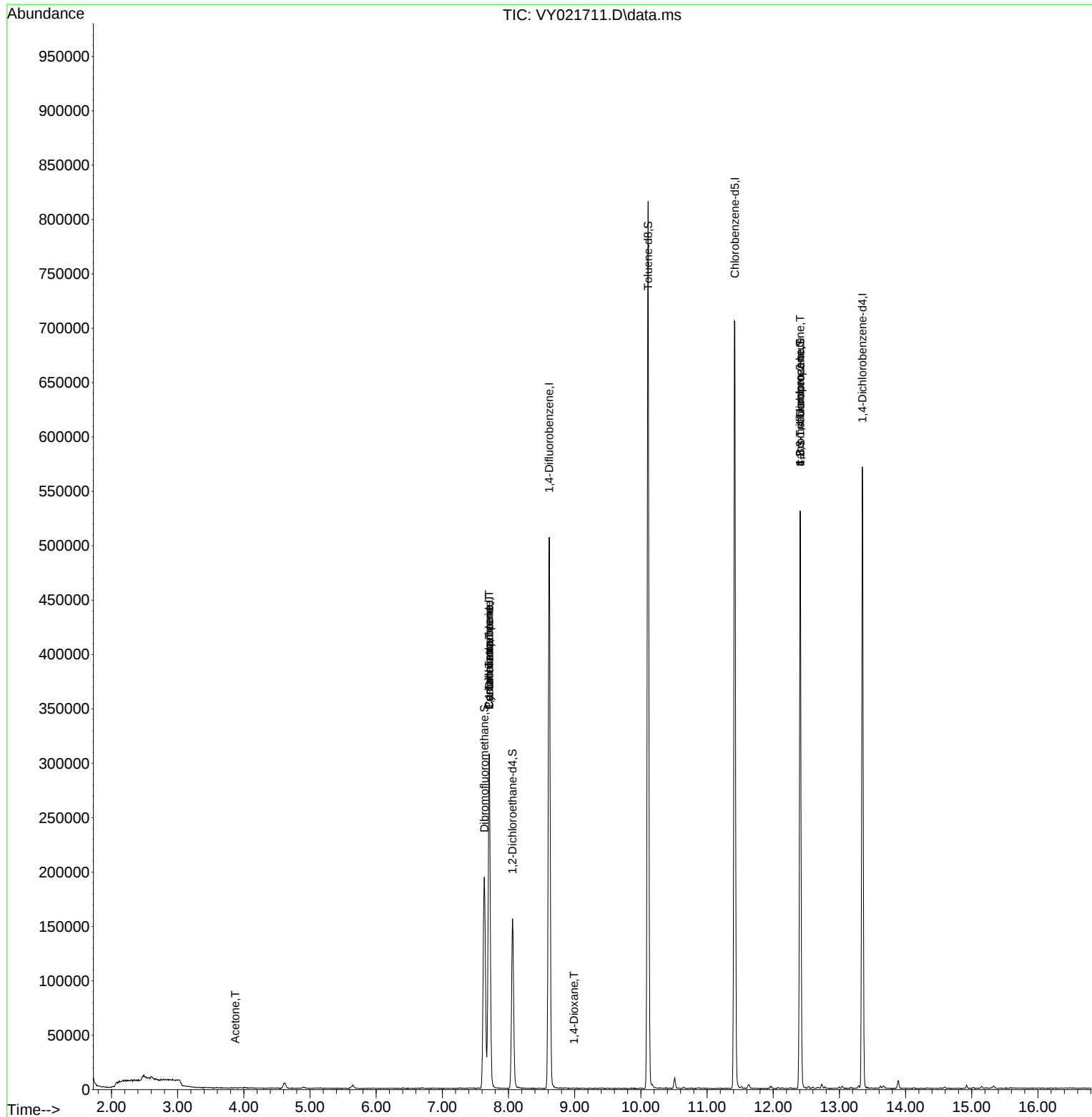
Internal Standards						
1) Pentafluorobenzene	7.707	168	226309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	422899	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	372547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	140307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	123723	50.458	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.920%	
35) Dibromofluoromethane	7.634	113	137529	50.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.260%	
50) Toluene-d8	10.109	98	510346	48.901	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.800%	
62) 4-Bromofluorobenzene	12.408	95	150957	42.764	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.520%	
Target Compounds						
					Qvalue	
16) Acetone	3.872	43	706	1.407	ug/l	94
20) Methylene Chloride	4.628	84	3328	Below Cal	#	89
31) Cyclohexane	7.707	56	5169	1.194	ug/l #	3
36) 1,1-Dichloropropene	7.707	75	18548	4.439	ug/l #	51
38) Carbon Tetrachloride	7.707	117	23390	4.887	ug/l #	17
49) 1,4-Dioxane	8.987	88	42	2.297	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	80758	58.066	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	80758	133.793	ug/l #	12

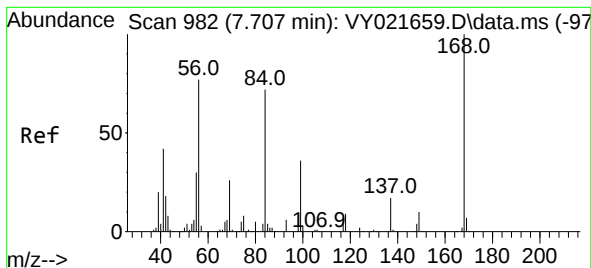
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
Data File : VY021711.D
Acq On : 31 Mar 2025 11:04
Operator : SY/MD
Sample : VY0331SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBL01

Quant Time: Apr 01 05:33:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY021711.D

Acq: 31 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

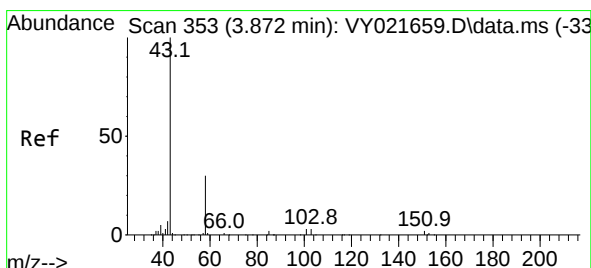
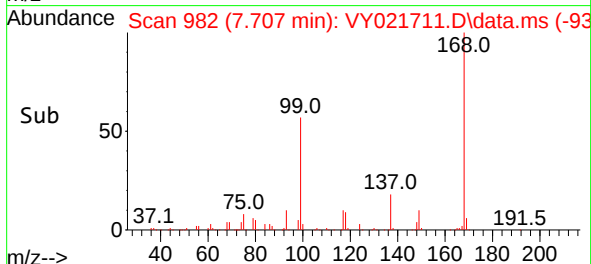
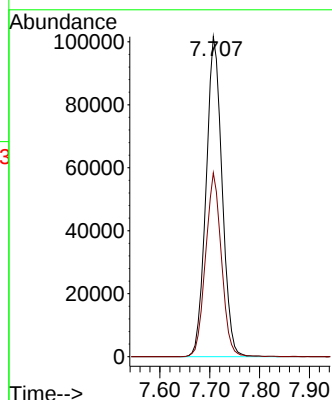
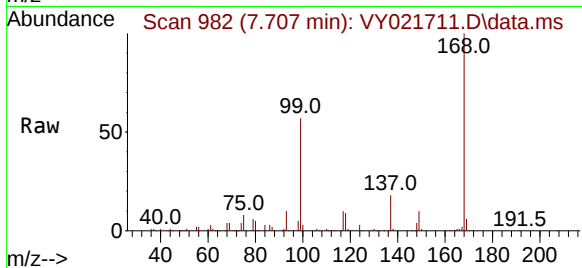
VY0331SBL01

Tgt Ion:168 Resp: 226309

Ion Ratio Lower Upper

168 100

99 57.5 46.7 70.1



#16

Acetone

Concen: 1.407 ug/l

RT: 3.872 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY021711.D

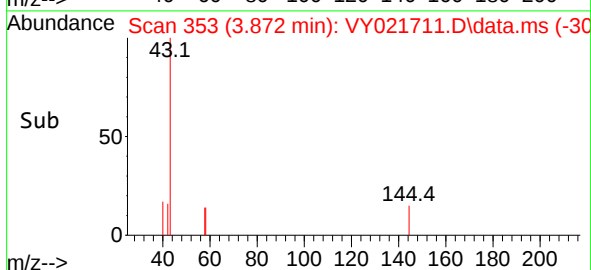
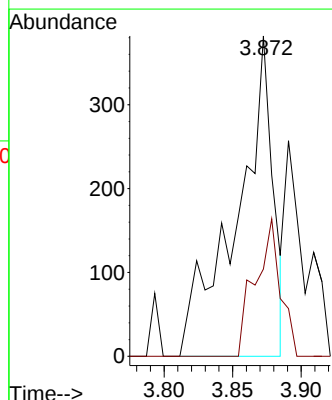
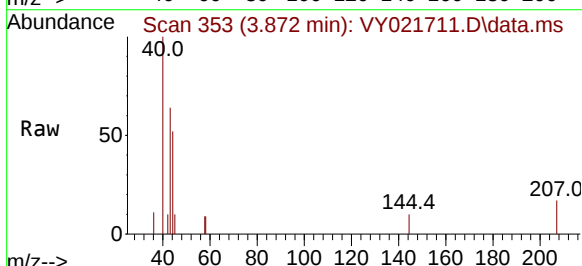
Acq: 31 Mar 2025 11:04

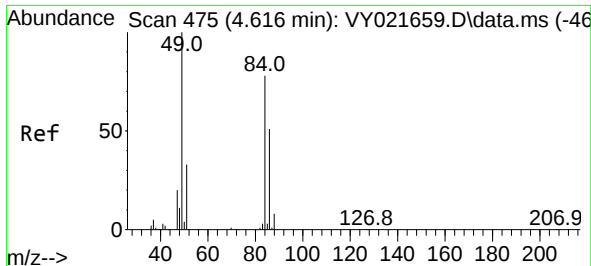
Tgt Ion: 43 Resp: 706

Ion Ratio Lower Upper

43 100

58 27.2 24.2 36.4

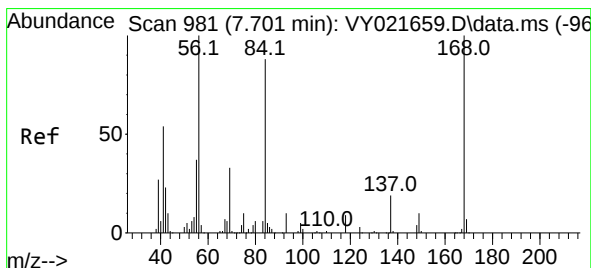
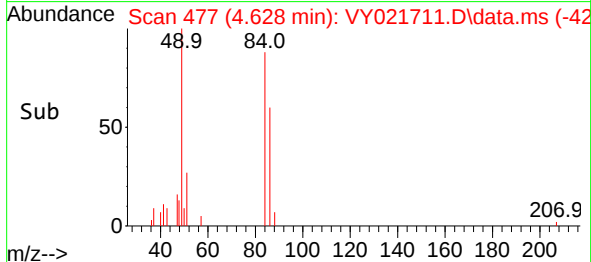
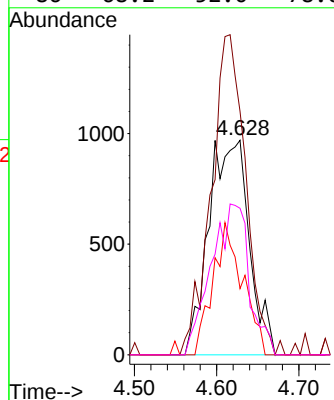
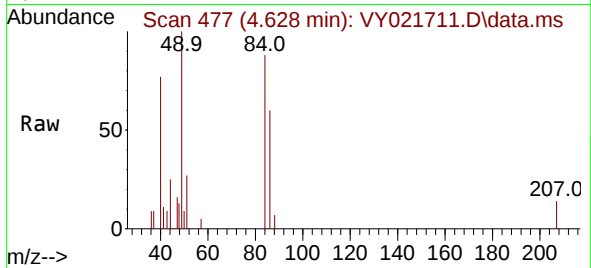




#20
Methylene Chloride
Concen: Below Cal
RT: 4.628 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY021711.D
Acq: 31 Mar 2025 11:04

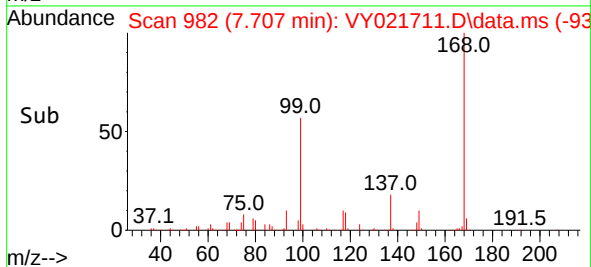
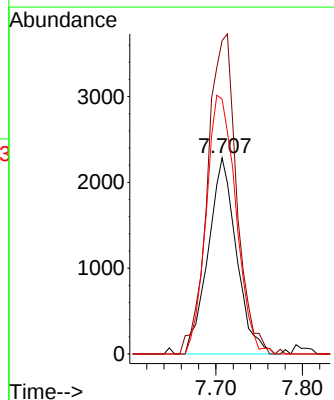
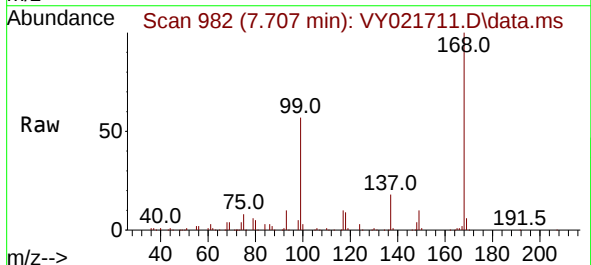
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBL01

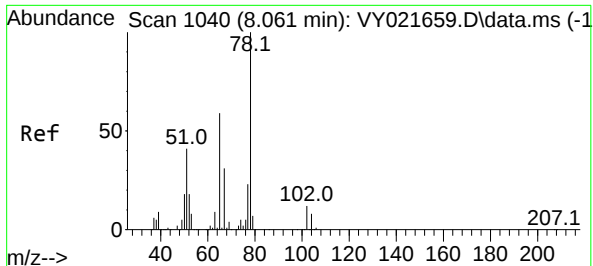
Tgt Ion:	84	Resp:	3328
Ion	Ratio	Lower	Upper
84	100		
49	113.4	102.8	154.2
51	30.8	33.5	50.3#
86	68.2	52.0	78.0



#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021711.D
Acq: 31 Mar 2025 11:04

Tgt Ion:	56	Resp:	5169
Ion	Ratio	Lower	Upper
56	100		
69	159.9	26.6	40.0#
84	130.0	69.0	103.4#





#33

1,2-Dichloroethane-d4

Concen: 50.458 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY021711.D

Acq: 31 Mar 2025 11:04

Instrument :

MSVOA_Y

ClientSampleId :

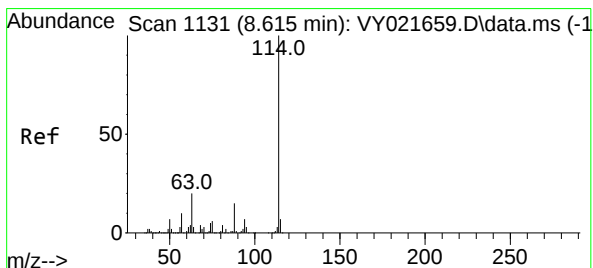
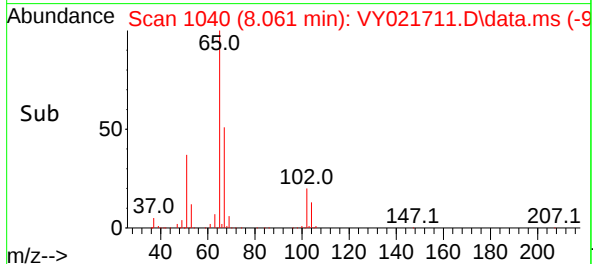
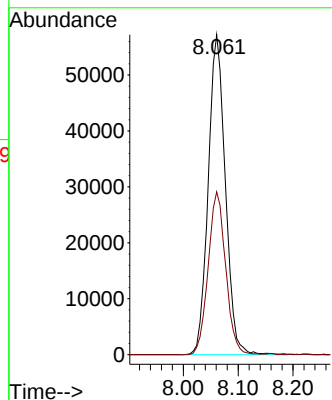
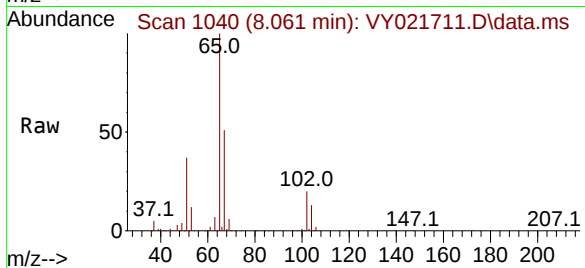
VY0331SBL01

Tgt Ion: 65 Resp: 123723

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021711.D

Acq: 31 Mar 2025 11:04

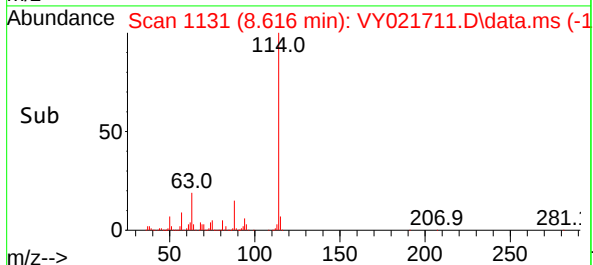
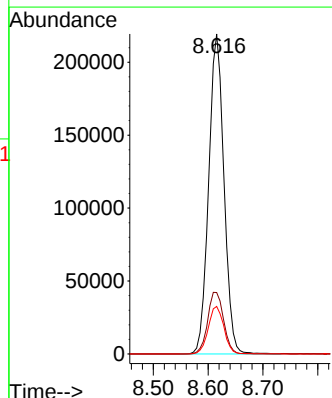
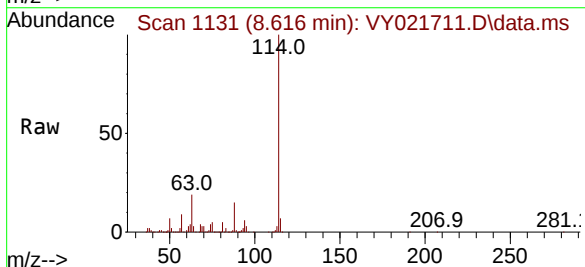
Tgt Ion:114 Resp: 422899

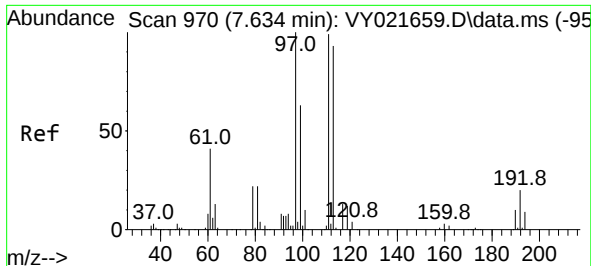
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.2

88 14.9 0.0 29.8

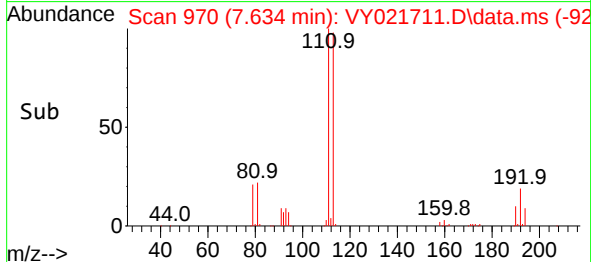
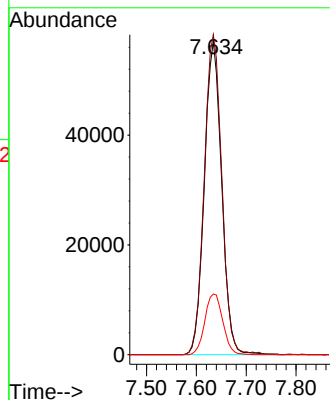
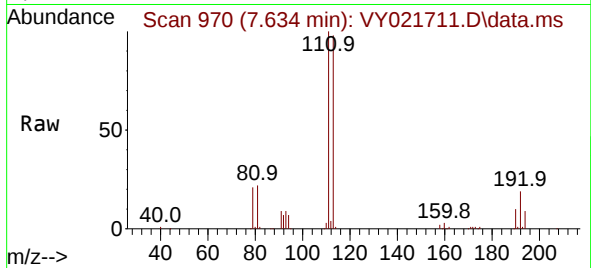




#35
Dibromofluoromethane
Concen: 50.133 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021711.D
Acq: 31 Mar 2025 11:04

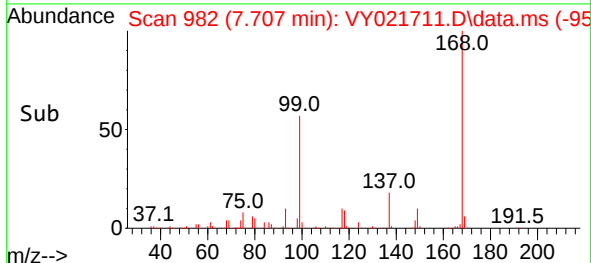
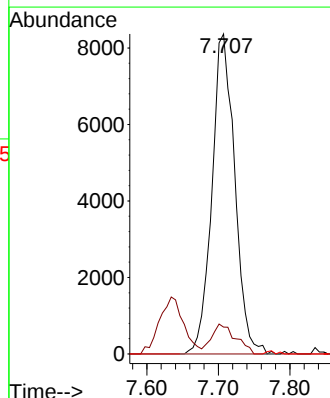
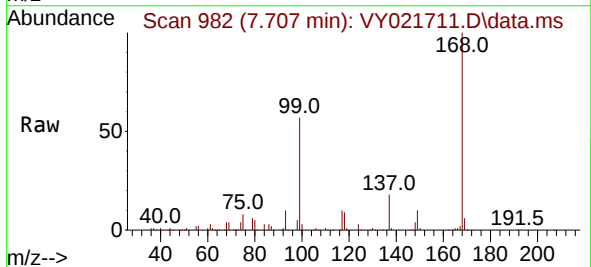
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBL01

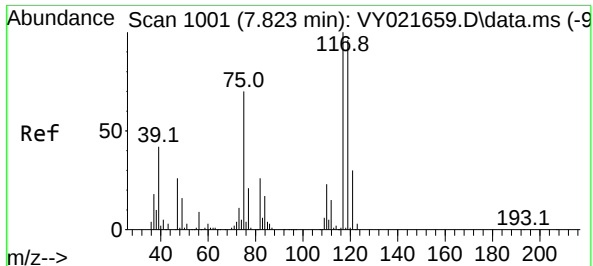
Tgt Ion:113 Resp: 137529
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 20.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.439 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021711.D
Acq: 31 Mar 2025 11:04

Tgt Ion: 75 Resp: 18548
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.8 37.2#

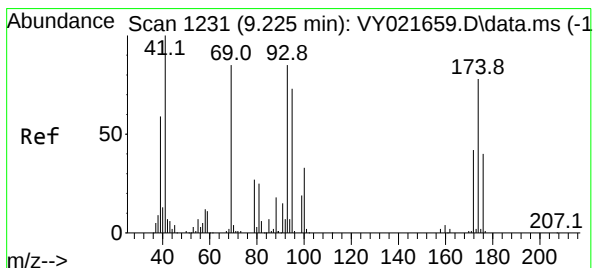
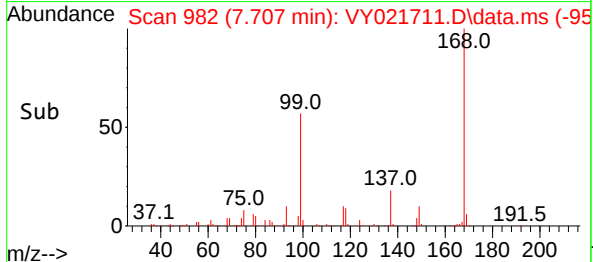
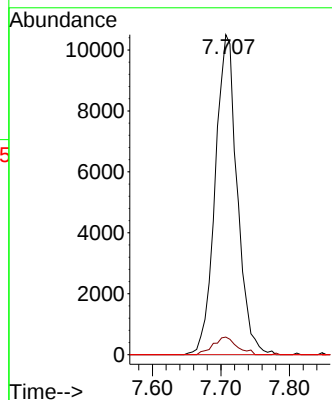
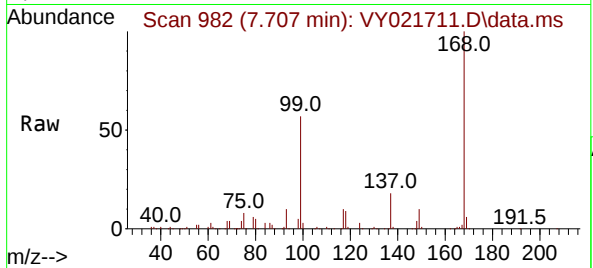




#38
Carbon Tetrachloride
Concen: 4.887 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021711.D
Acq: 31 Mar 2025 11:04

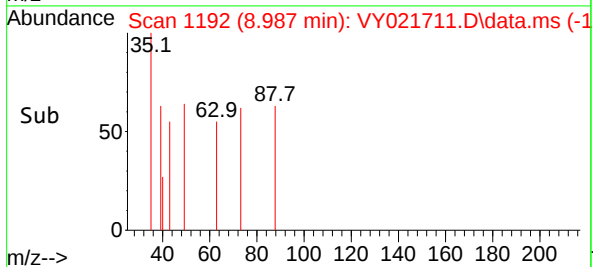
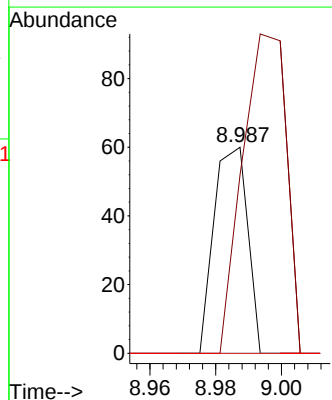
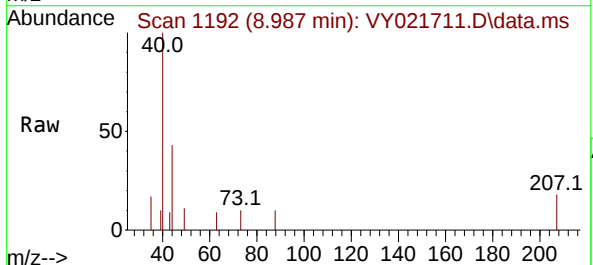
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBL01

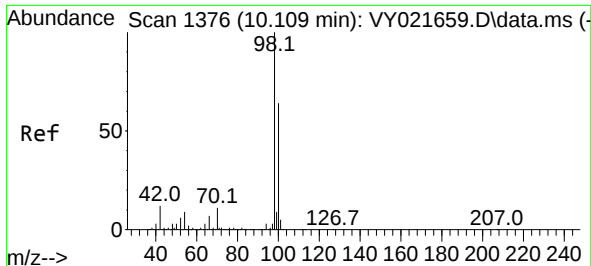
Tgt Ion:117 Resp: 23390
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.4#
121 0.0 24.2 36.4#



#49
1,4-Dioxane
Concen: 2.297 ug/l
RT: 8.987 min Scan# 1192
Delta R.T. -0.238 min
Lab File: VY021711.D
Acq: 31 Mar 2025 11:04

Tgt Ion: 88 Resp: 42
Ion Ratio Lower Upper
88 100
43 204.8 28.8 43.2#
58 0.0 59.4 89.2#

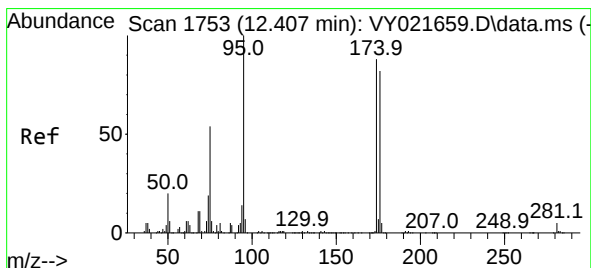
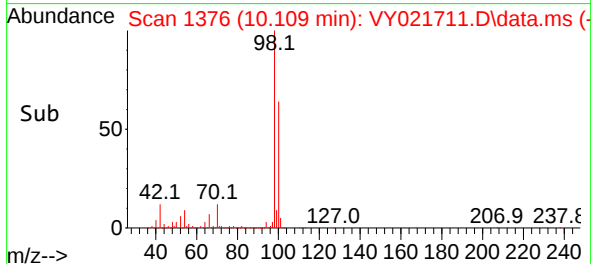
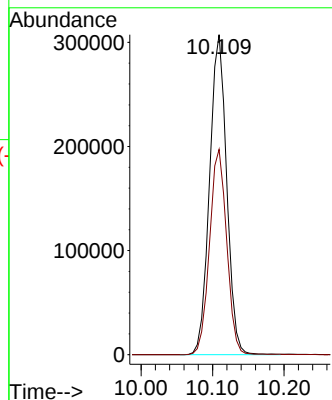
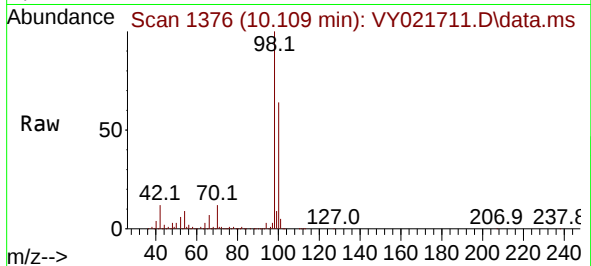




#50
Toluene-d8
Concen: 48.901 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021711.D
Acq: 31 Mar 2025 11:04

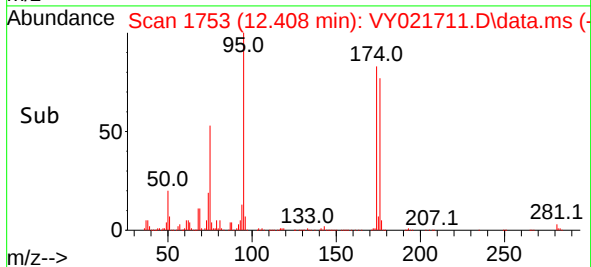
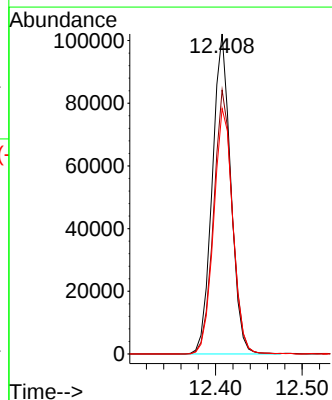
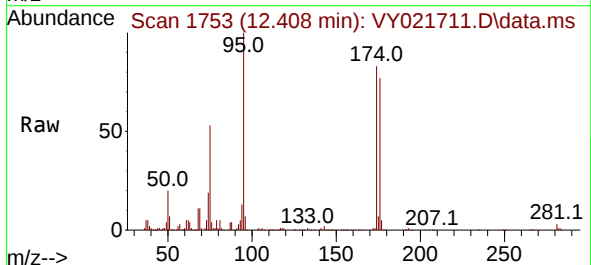
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MSVOA_Y
ClientSampleId :
VY0331SBL01

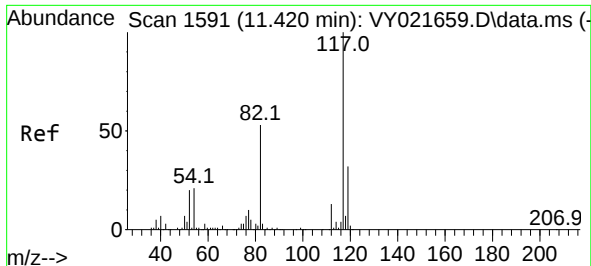
Tgt Ion: 98 Resp: 510346
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.764 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021711.D
Acq: 31 Mar 2025 11:04

Tgt Ion: 95 Resp: 150957
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.8
176 79.8 0.0 162.0

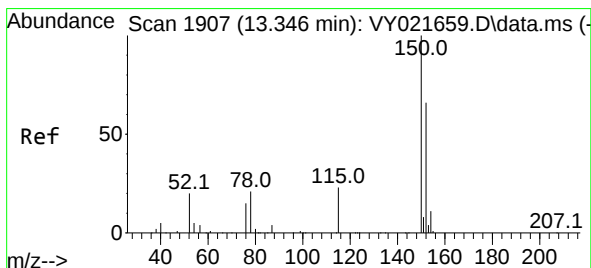
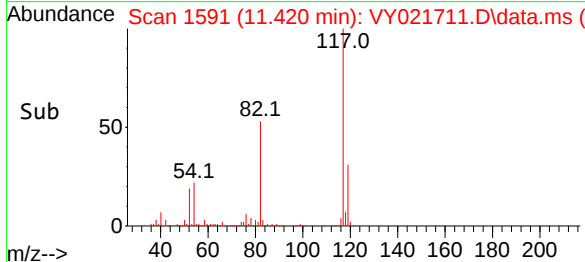
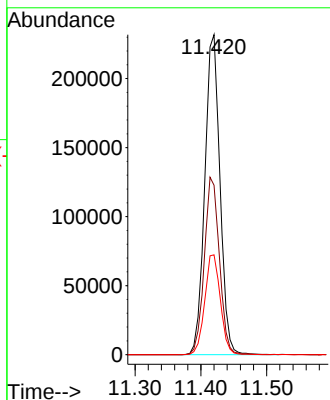
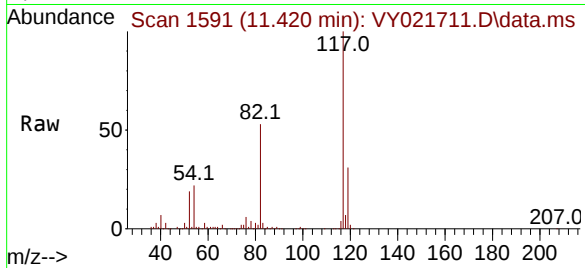




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021711.D
Acq: 31 Mar 2025 11:04

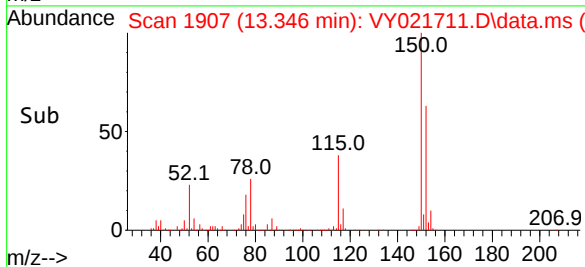
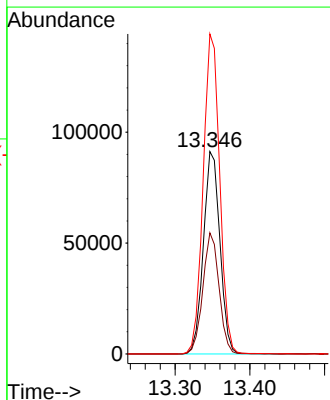
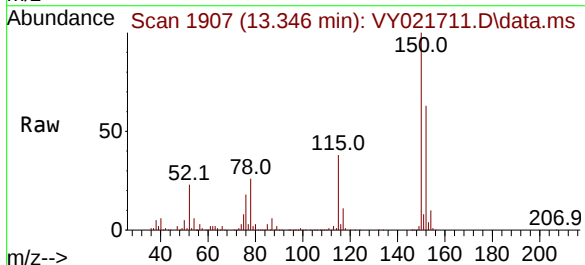
Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBL01

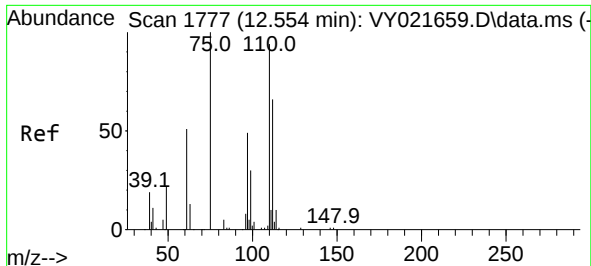
Tgt Ion:117 Resp: 372547
Ion Ratio Lower Upper
117 100
82 53.0 42.8 64.2
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021711.D
Acq: 31 Mar 2025 11:04

Tgt Ion:152 Resp: 140307
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 157.8 0.0 348.4

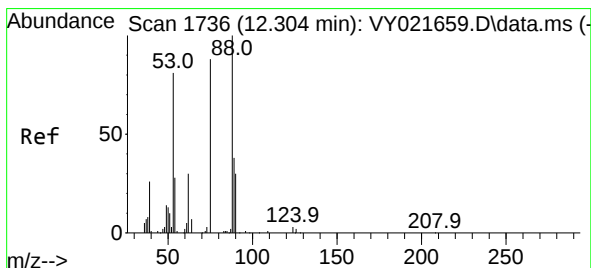
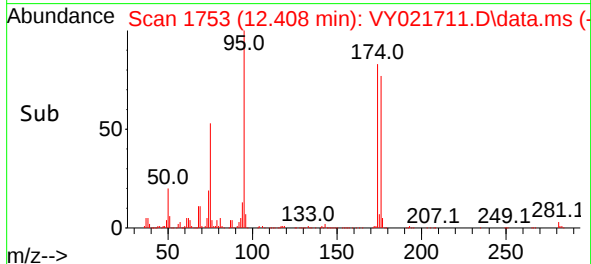
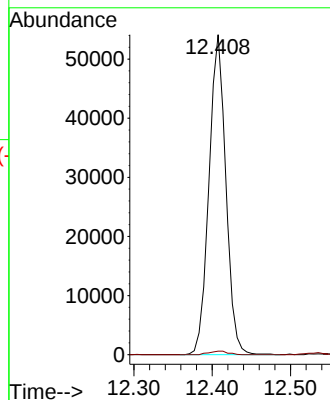
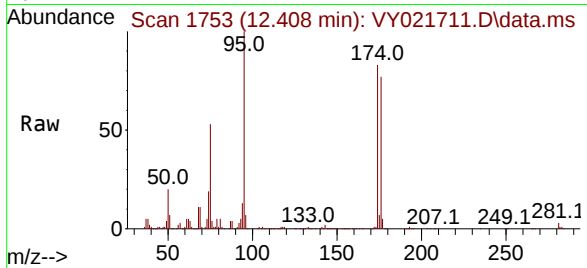




#76
1,2,3-Trichloropropane
Concen: 58.066 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY021711.D
Acq: 31 Mar 2025 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0331SBL01

Tgt Ion: 75 Resp: 80758
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.793 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021711.D
Acq: 31 Mar 2025 11:04

Tgt Ion: 75 Resp: 80758
Ion Ratio Lower Upper
75 100
53 0.2 76.1 114.1#
89 0.0 36.2 54.4#

