

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013601.D
 Acq On : 04 May 2023 15:39
 Operator : KP/MD
 Sample : 02598-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

Quant Time: May 05 01:00:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

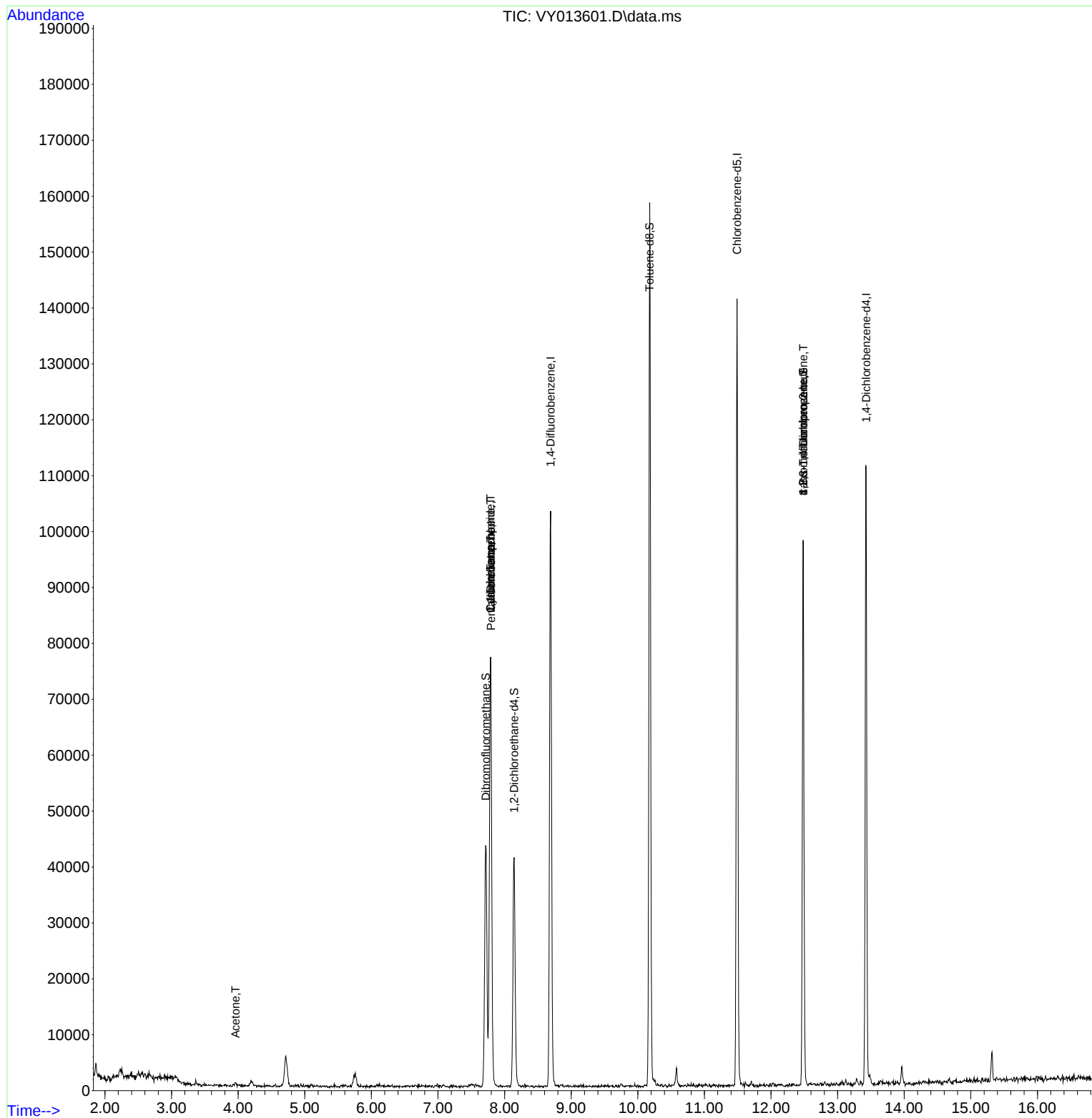
Internal Standards						
1) Pentafluorobenzene	7.795	168	62247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	88074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	75090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	33715	49.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.820%
35) Dibromofluoromethane	7.716	113	30873	55.733	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.460%
50) Toluene-d8	10.179	98	103958	52.754	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.500%
62) 4-Bromofluorobenzene	12.483	95	26839	40.399	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.800%
Target Compounds						
					Qvalue	
13) Acrolein	3.820	56	38	Below Cal	#	16
16) Acetone	3.960	43	984	3.662	ug/l #	82
20) Methylene Chloride	4.710	84	3726	Below Cal	#	93
31) Cyclohexane	7.789	56	1440	1.179	ug/l #	39
36) 1,1-Dichloropropene	7.789	75	4869	5.296	ug/l #	49
38) Carbon Tetrachloride	7.789	117	5883	6.105	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	14245	35.408	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14245	72.430	ug/l #	13

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

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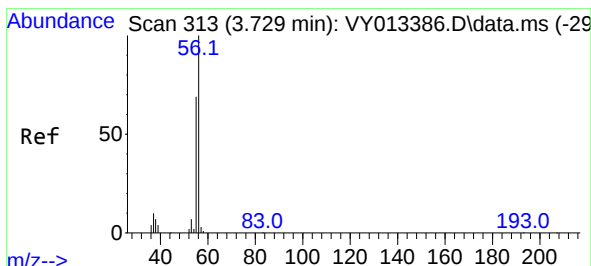
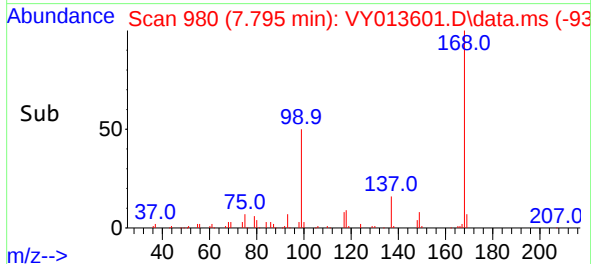
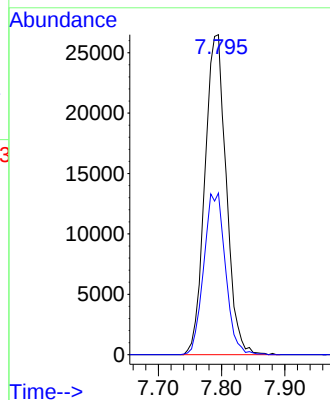
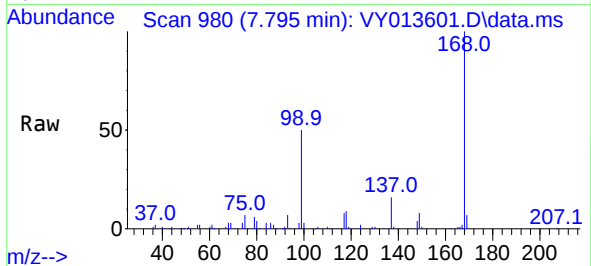




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

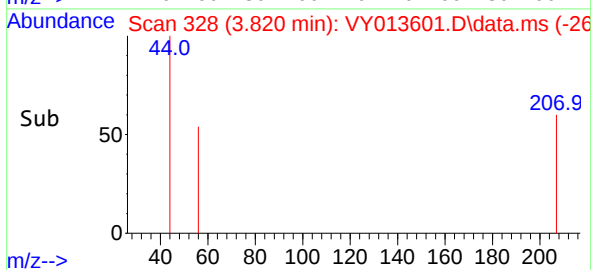
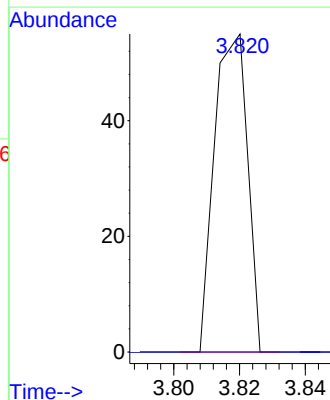
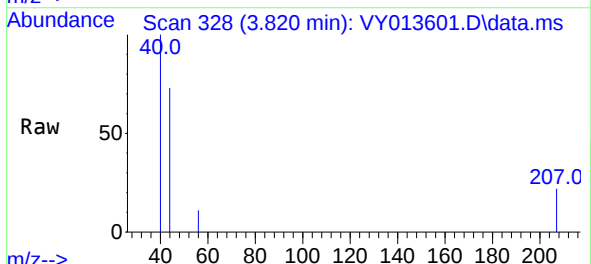
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

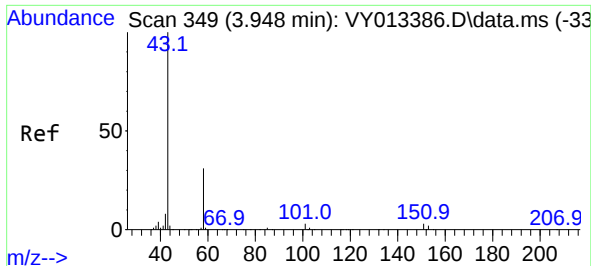
Tgt Ion:168 Resp: 62247
Ion Ratio Lower Upper
168 100
99 50.5 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.820 min Scan# 328
Delta R.T. 0.091 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#

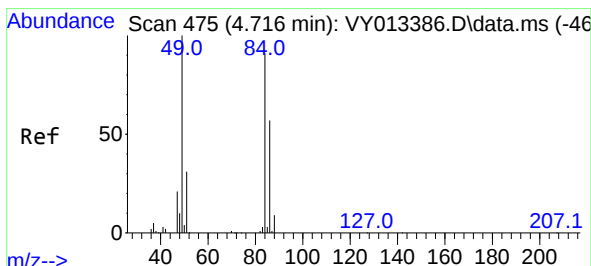
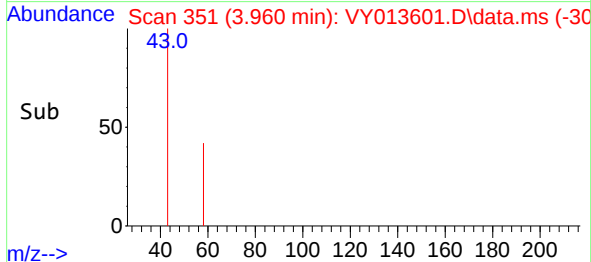
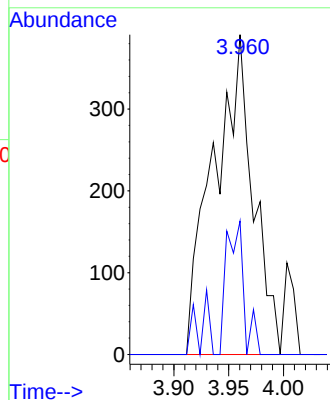
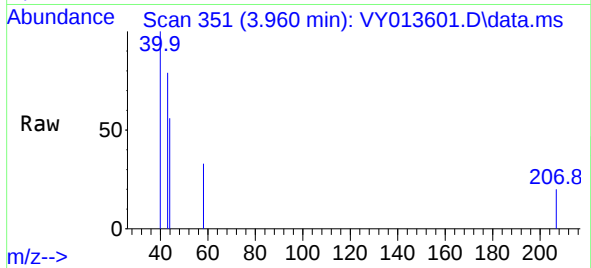




#16
Acetone
Concen: 3.662 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

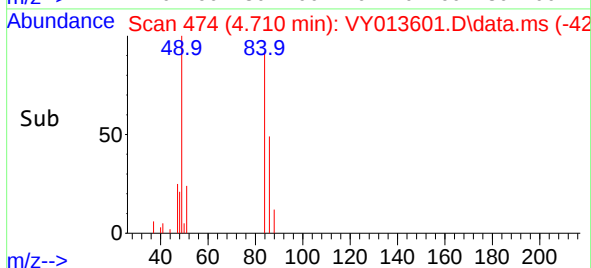
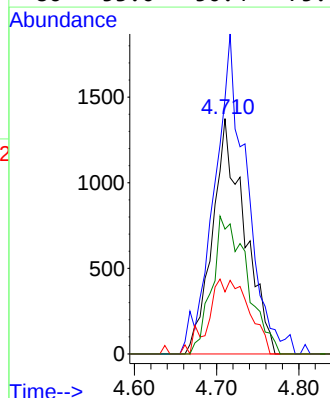
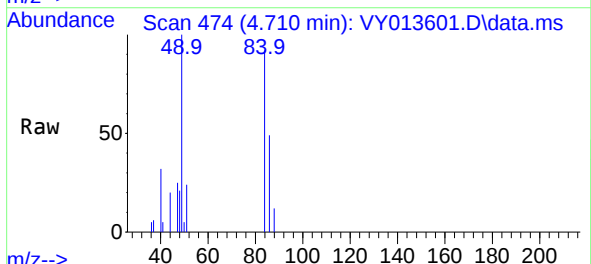
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

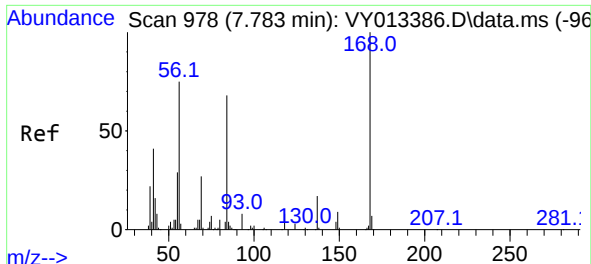
Tgt Ion: 43 Resp: 984
Ion Ratio Lower Upper
43 100
58 41.7 25.4 38.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

Tgt Ion: 84 Resp: 3726
Ion Ratio Lower Upper
84 100
49 108.4 88.0 132.0
51 26.4 27.4 41.0#
86 53.0 50.4 75.6

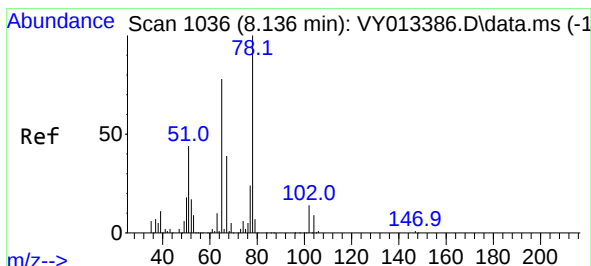
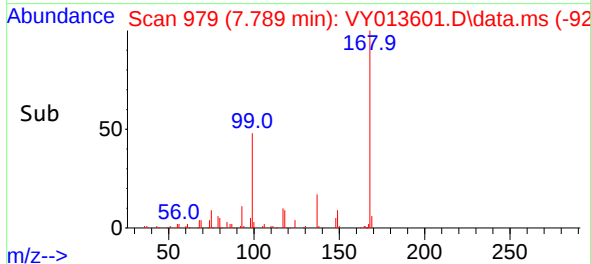
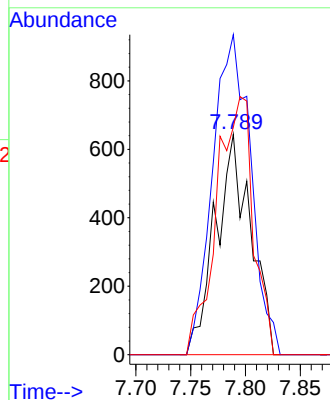
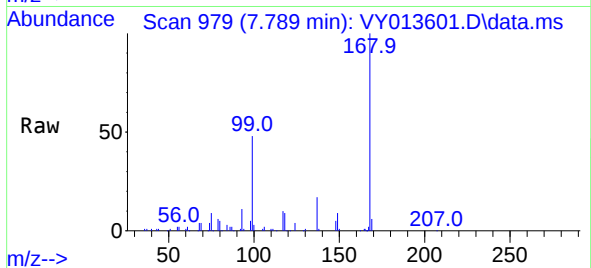




#31
Cyclohexane
Concen: 1.179 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

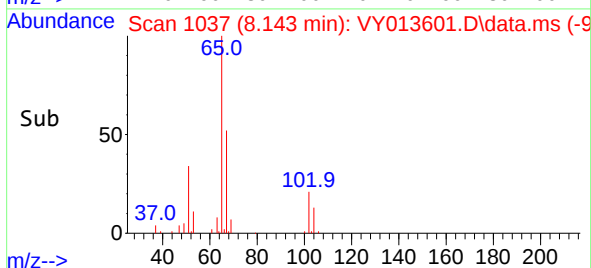
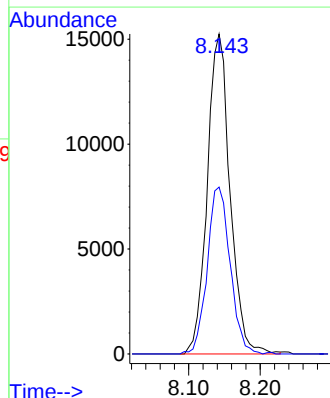
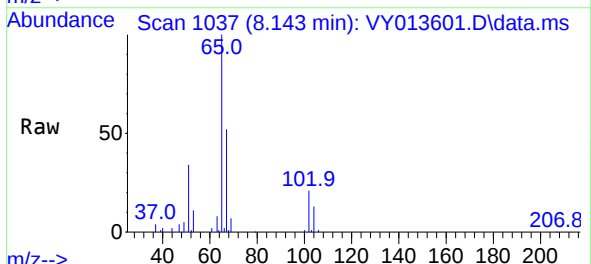
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

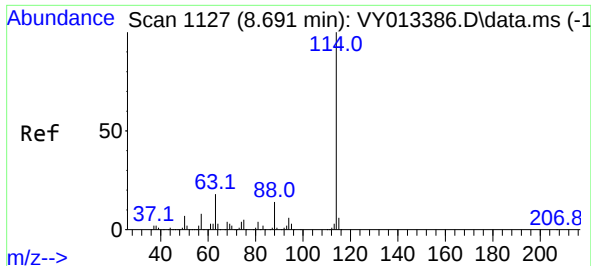
Tgt Ion: 56 Resp: 1440
Ion Ratio Lower Upper
56 100
69 145.2 29.2 43.8#
84 103.3 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 49.409 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

Tgt Ion: 65 Resp: 33715
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013601.D

Acq: 04 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

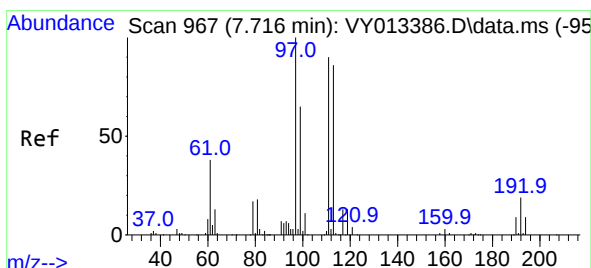
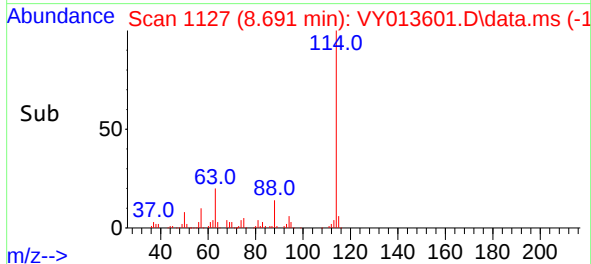
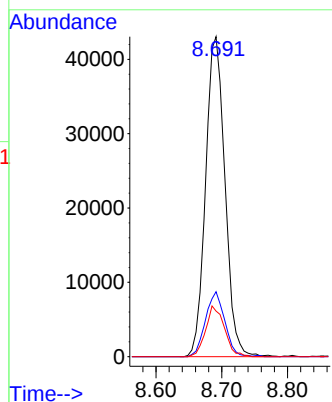
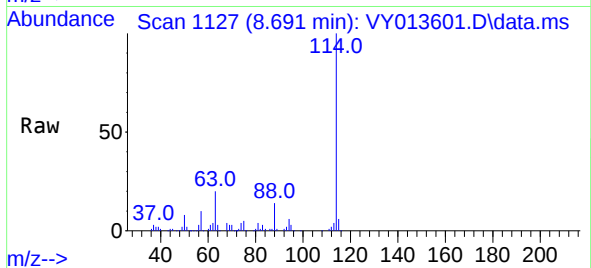
Tgt Ion:114 Resp: 88074

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

88 14.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 55.733 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013601.D

Acq: 04 May 2023 15:39

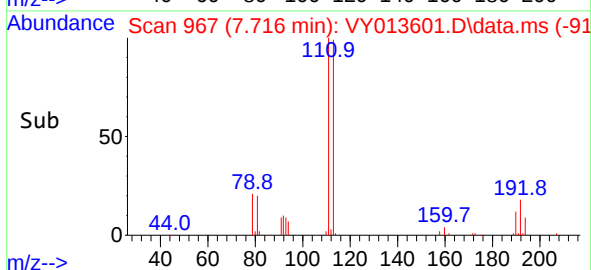
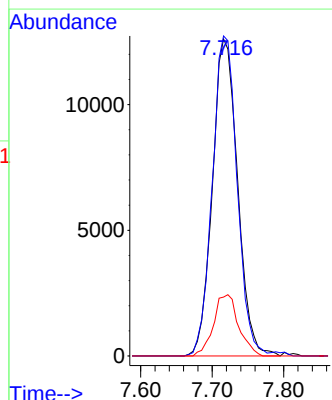
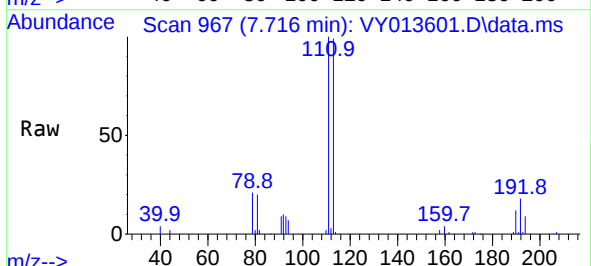
Tgt Ion:113 Resp: 30873

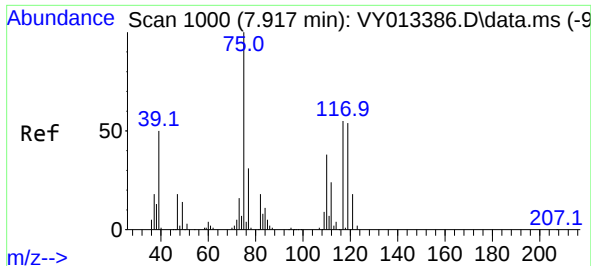
Ion Ratio Lower Upper

113 100

111 99.5 82.2 123.2

192 19.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.296 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013601.D

Acq: 04 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

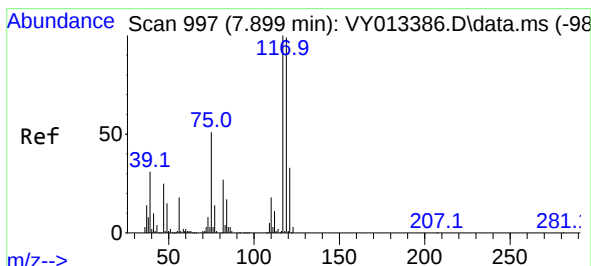
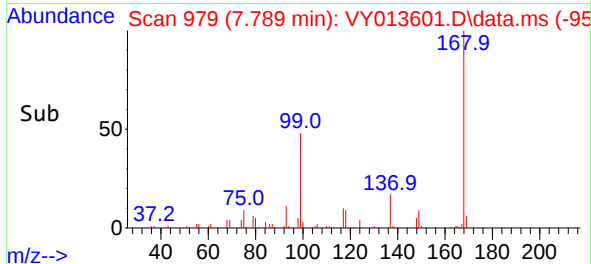
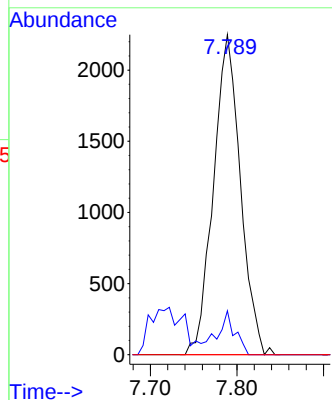
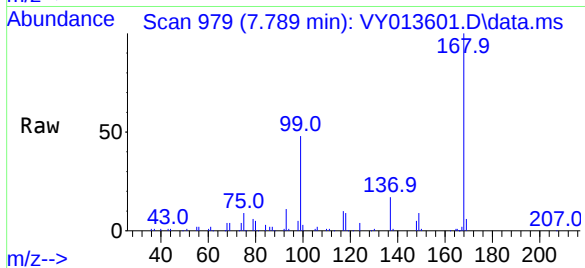
Tgt Ion: 75 Resp: 4869

Ion Ratio Lower Upper

75 100

110 9.0 18.7 56.1#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.105 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY013601.D

Acq: 04 May 2023 15:39

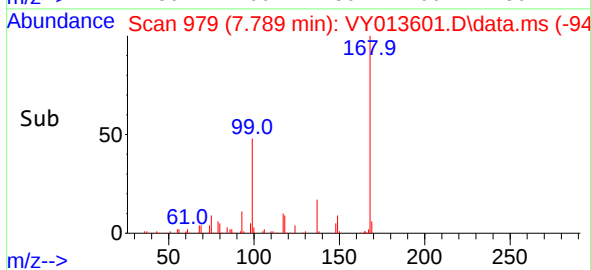
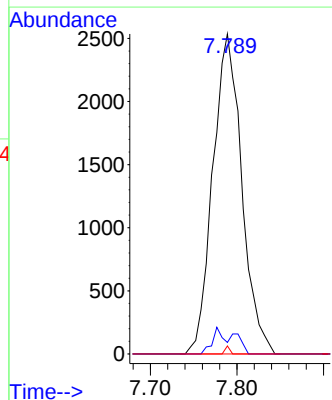
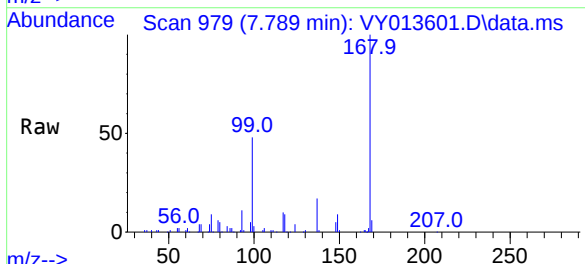
Tgt Ion: 117 Resp: 5883

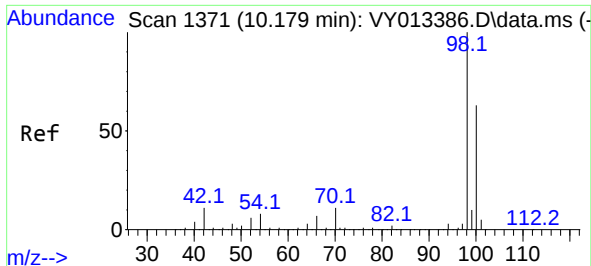
Ion Ratio Lower Upper

117 100

119 3.6 79.0 118.6#

121 2.5 26.6 40.0#

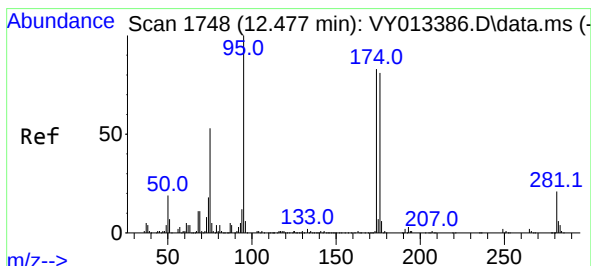
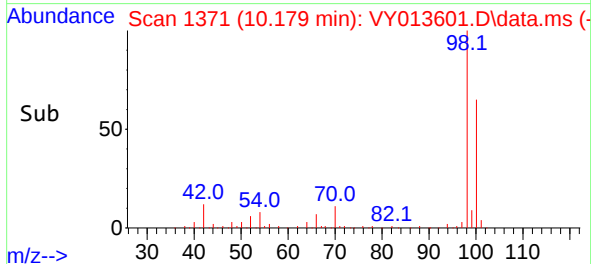
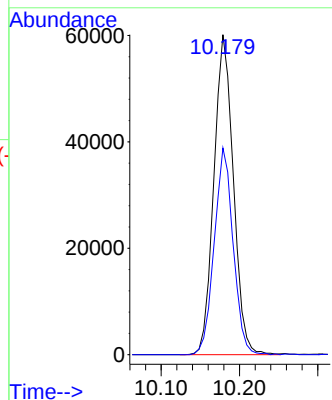
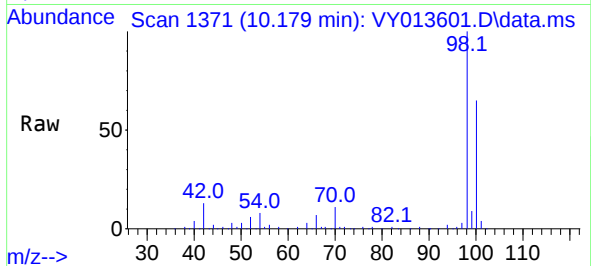




#50
Toluene-d8
Concen: 52.754 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

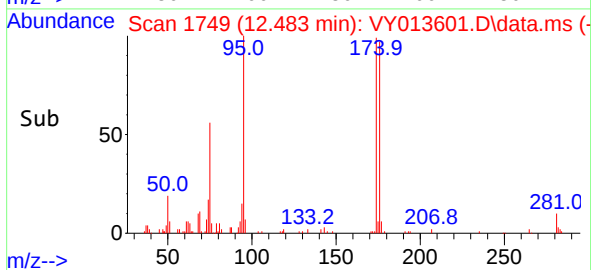
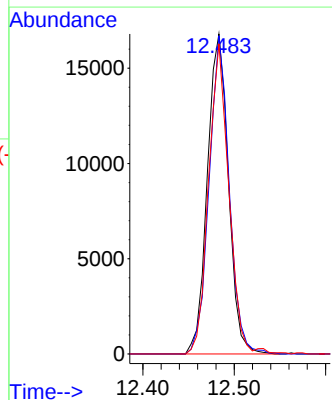
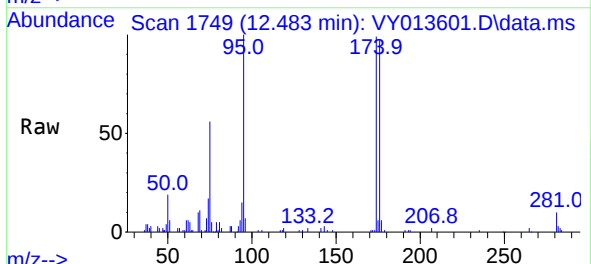
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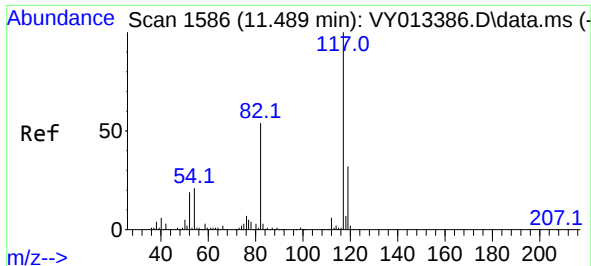
Tgt Ion: 98 Resp: 103958
Ion Ratio Lower Upper
98 100
100 62.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 40.399 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

Tgt Ion: 95 Resp: 26839
Ion Ratio Lower Upper
95 100
174 95.3 0.0 182.0
176 93.6 0.0 175.4

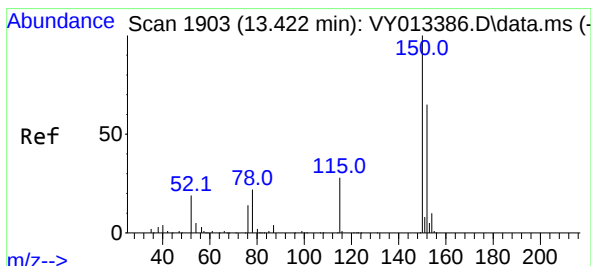
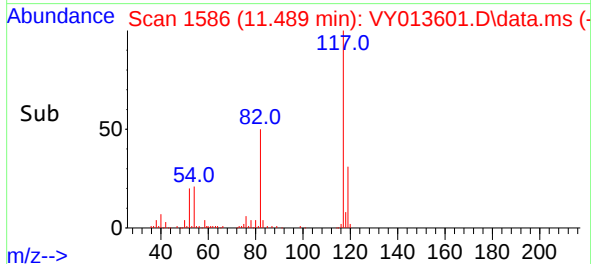
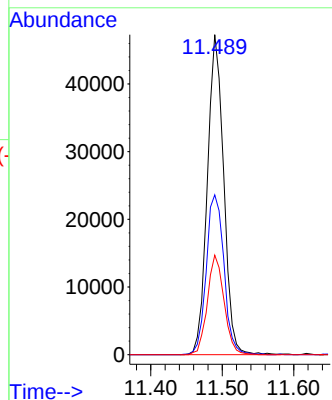
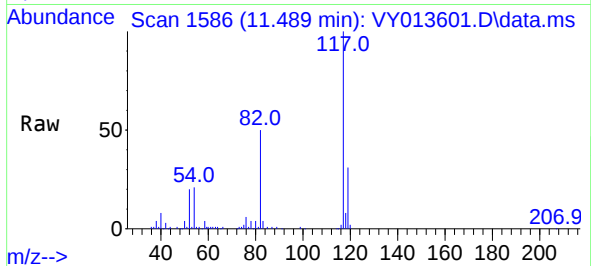




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

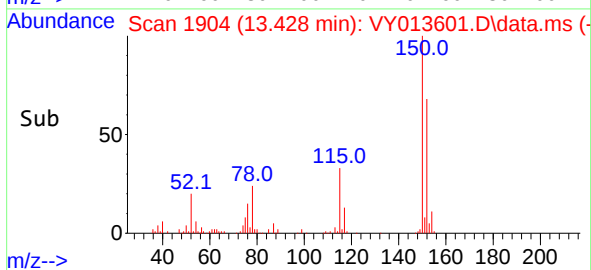
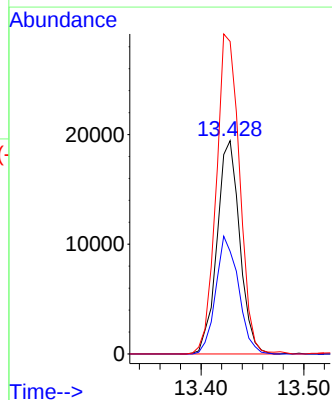
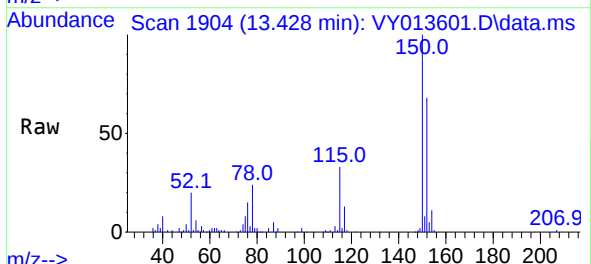
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

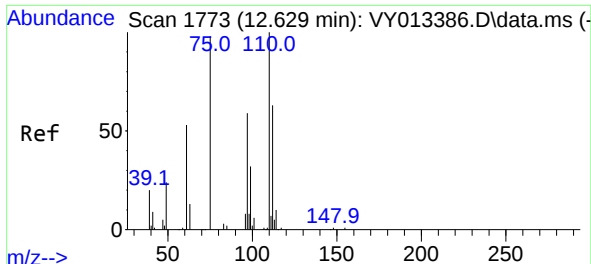
Tgt Ion:	117	Resp:	75090
Ion	Ratio	Lower	Upper
117	100		
82	49.9	43.0	64.6
119	31.1	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

Tgt Ion:	152	Resp:	29831
Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.1	84.2
150	154.0	0.0	352.0

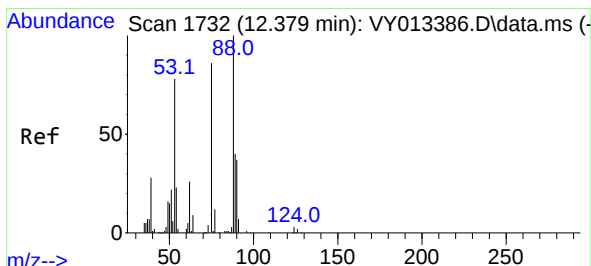
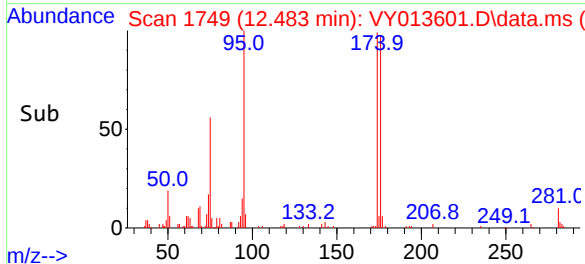
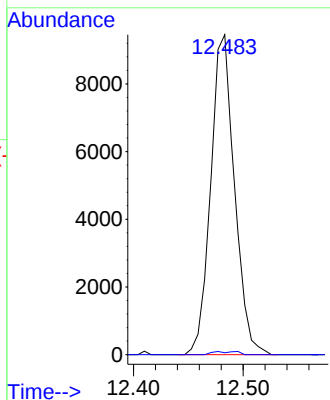
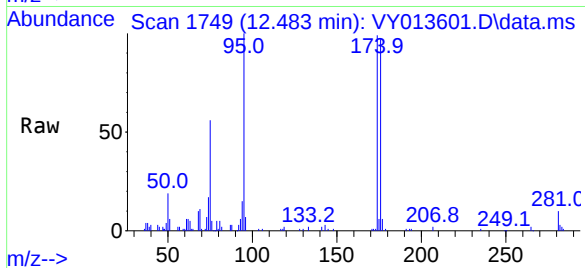




#76
1,2,3-Trichloropropane
Concen: 35.408 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

Tgt Ion: 75 Resp: 14245
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.430 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

Tgt Ion: 75 Resp: 14245
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 0.2 38.0 57.0#

