

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
 Data File : VY020455.D
 Acq On : 27 Nov 2024 11:01
 Operator : SY/MD
 Sample : VY1127SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 28 00:57:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

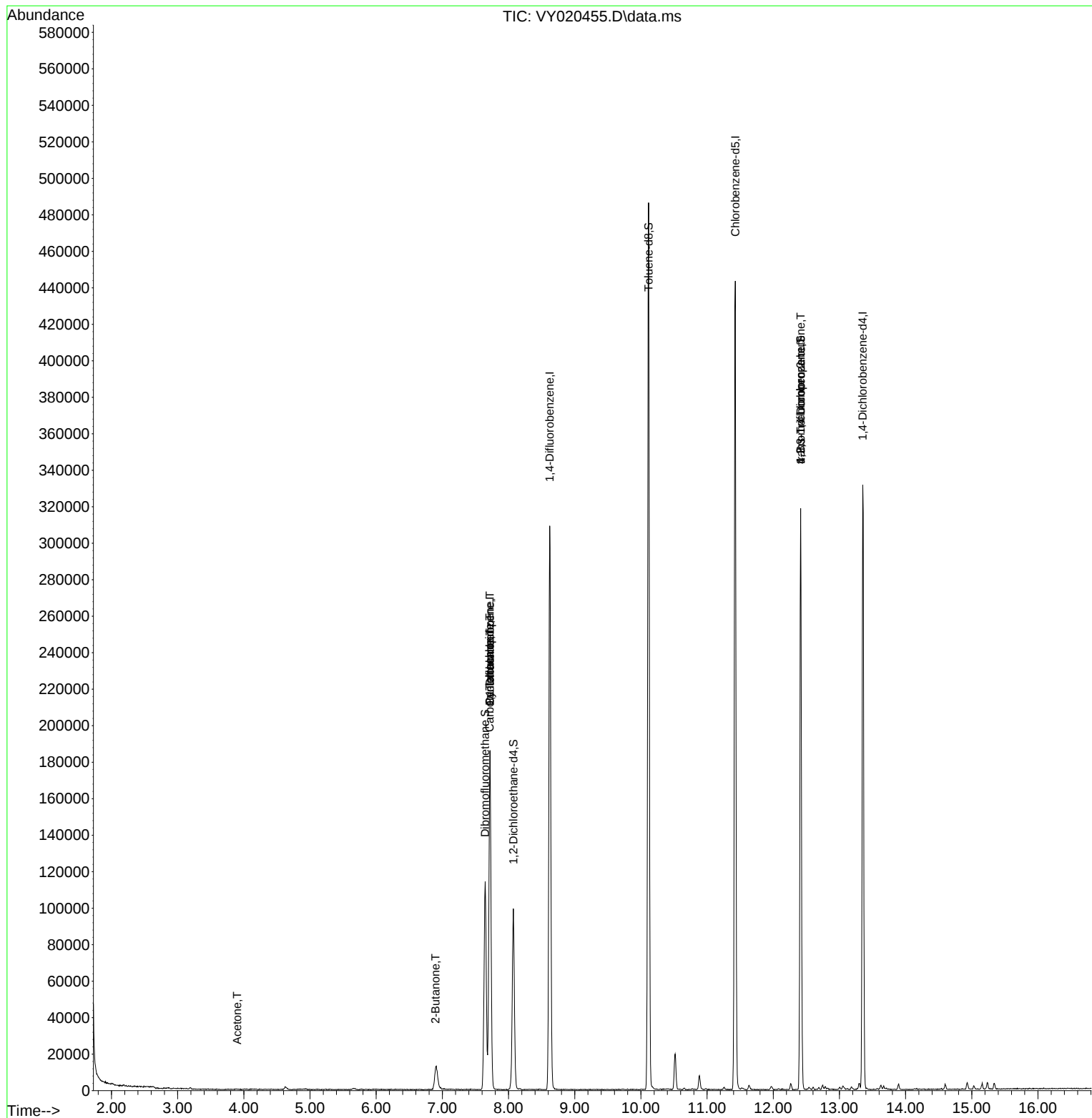
Internal Standards						
1) Pentafluorobenzene	7.719	168	135718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	259964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	233221	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.353	152	82357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	77468	49.683	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.360%
35) Dibromofluoromethane	7.646	113	79429	47.649	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.300%
50) Toluene-d8	10.115	98	311581	47.450	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.900%
62) 4-Bromofluorobenzene	12.414	95	95697	45.334	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.080	50	130	Below Cal	#	41
16) Acetone	3.897	43	549	1.469	ug/l #	43
25) 2-Butanone	6.896	43	911	1.893	ug/l #	50
31) Cyclohexane	7.719	56	3154	1.085	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	11504	4.518	ug/l #	52
38) Carbon Tetrachloride	7.713	117	14735	5.543	ug/l #	16
76) 1,2,3-Trichloropropane	12.414	75	53621	69.078	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	53621	135.355	ug/l #	9

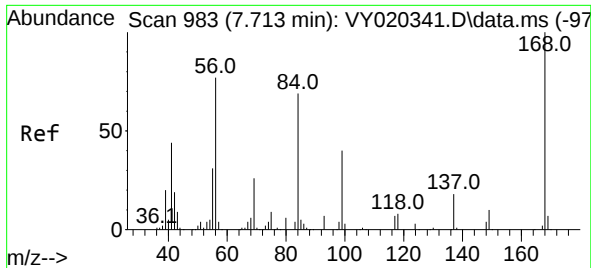
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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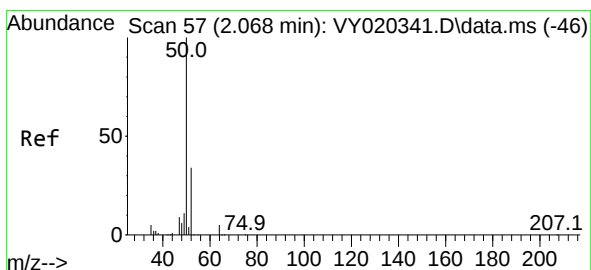
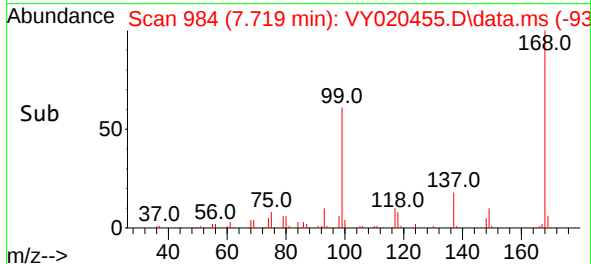
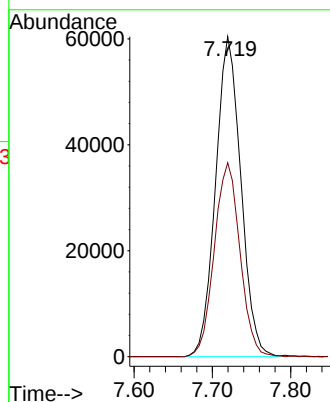
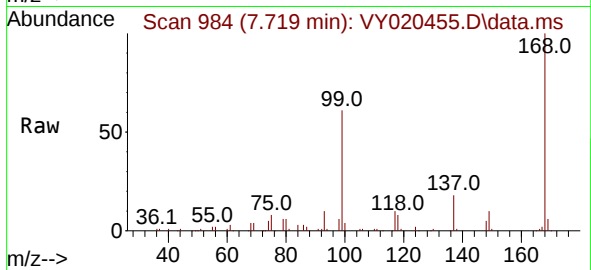




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 11:01

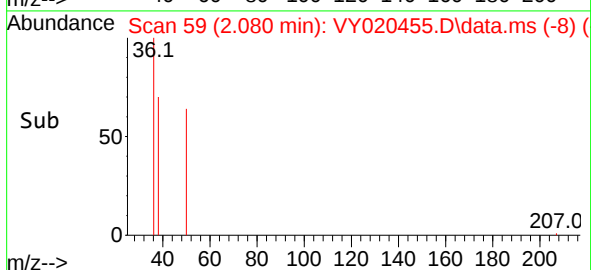
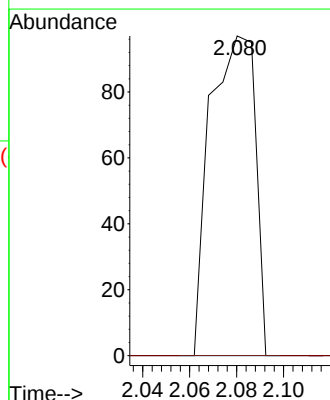
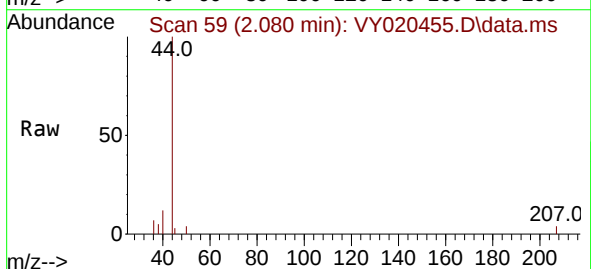
Instrument :
MSVOA_Y
ClientSampleId :

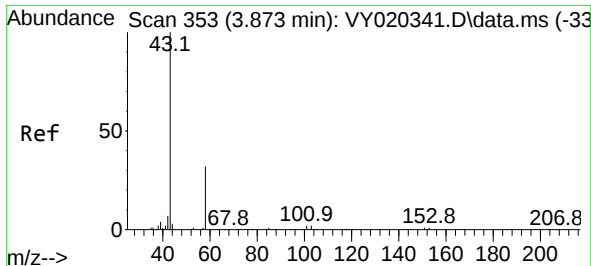
Tgt Ion:168 Resp: 135718
Ion Ratio Lower Upper
168 100
99 60.6 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.080 min Scan# 59
Delta R.T. 0.012 min
Lab File: VY020455.D
Acq: 27 Nov 2024 11:01

Tgt Ion: 50 Resp: 130
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

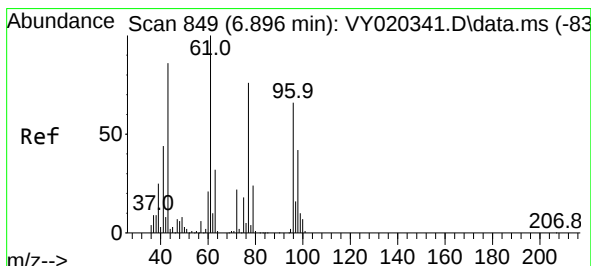
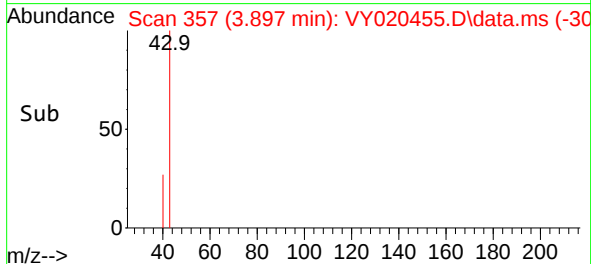
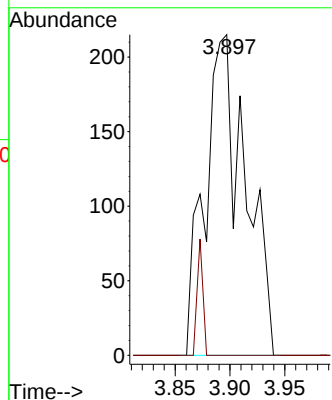
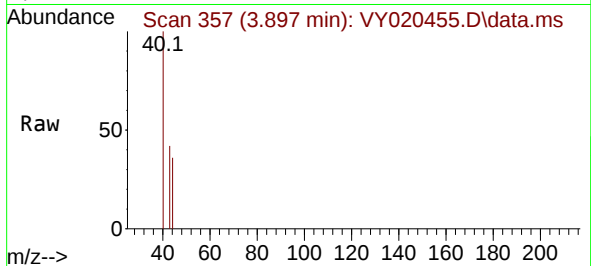




#16
Acetone
Concen: 1.469 ug/l
RT: 3.897 min Scan# 31
Delta R.T. 0.024 min
Lab File: VY020455.D
Acq: 27 Nov 2024 11:01

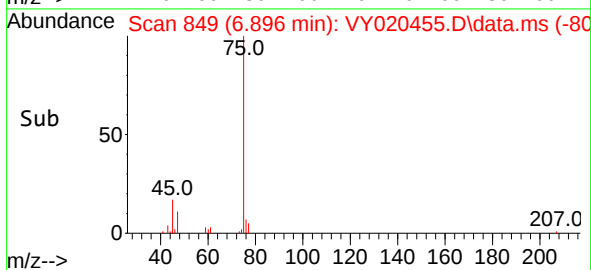
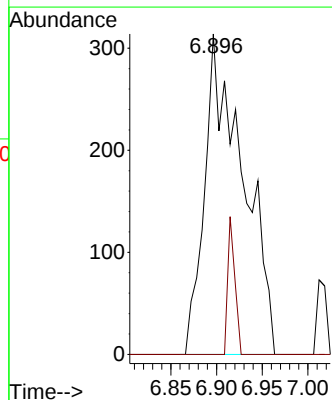
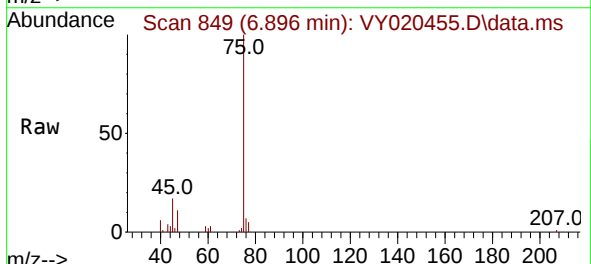
Instrument :
MSVOA_Y
ClientSampleId :

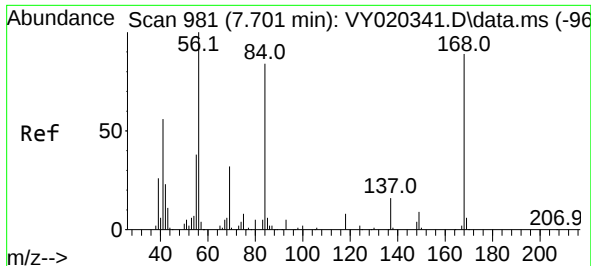
Tgt Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#25
2-Butanone
Concen: 1.893 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY020455.D
Acq: 27 Nov 2024 11:01

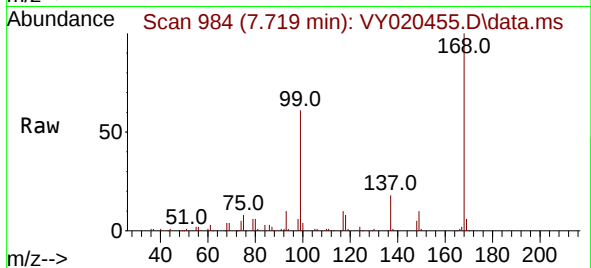
Tgt Ion: 43 Resp: 911
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



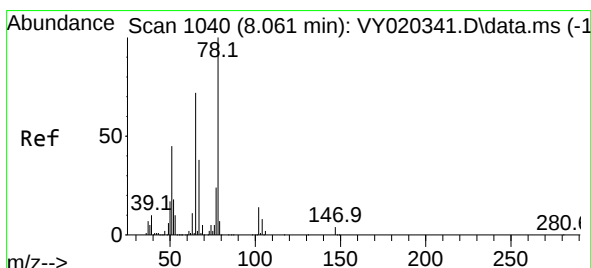
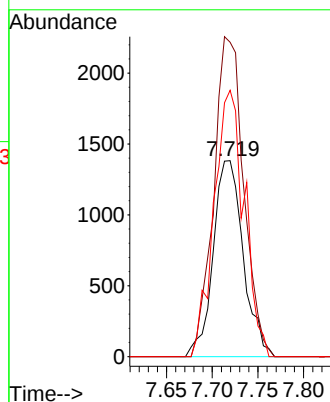
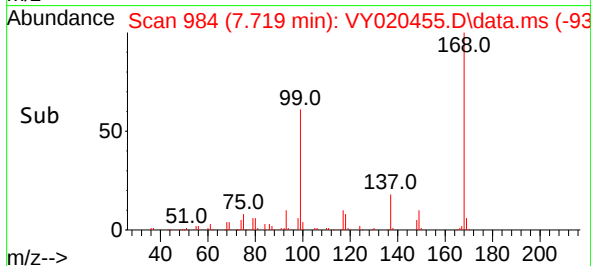


#31
Cyclohexane
Concen: 1.085 ug/l
RT: 7.719 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY020455.D
Acq: 27 Nov 2024 11:01

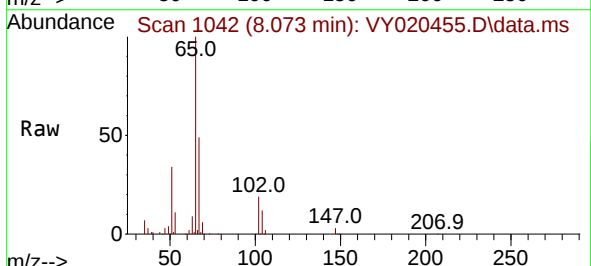
Instrument :
MSVOA_Y
ClientSampleId :



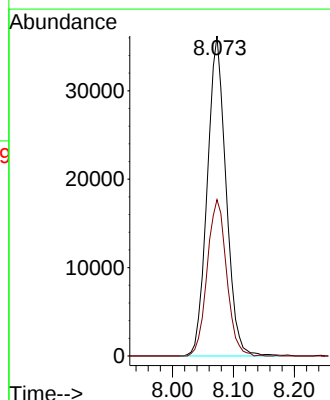
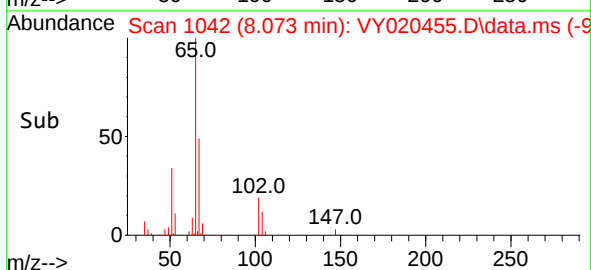
Tgt Ion: 56 Resp: 3154
Ion Ratio Lower Upper
56 100
69 160.5 25.3 37.9#
84 136.0 66.9 100.3#

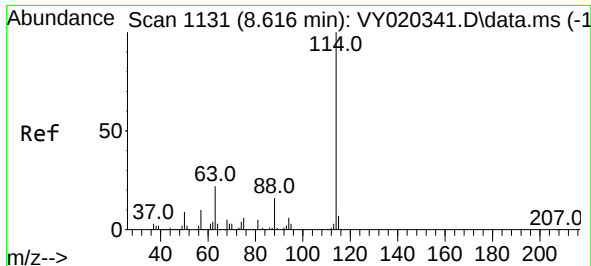


#33
1,2-Dichloroethane-d4
Concen: 49.683 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY020455.D
Acq: 27 Nov 2024 11:01



Tgt Ion: 65 Resp: 77468
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020455.D

Acq: 27 Nov 2024 11:01

Instrument :

MSVOA_Y

ClientSampleId :

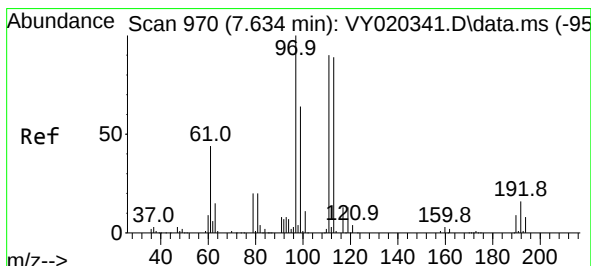
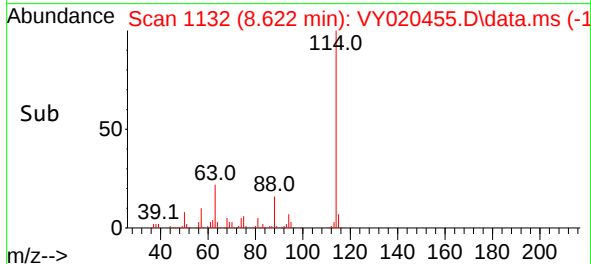
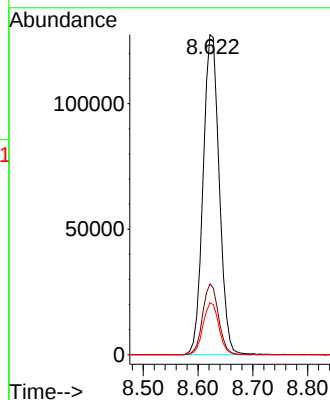
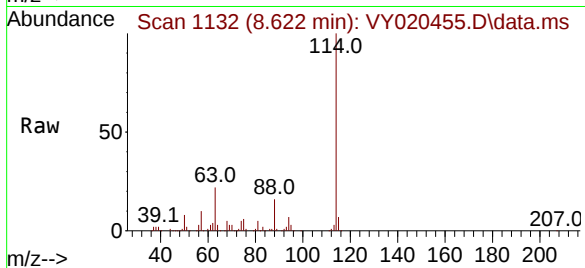
Tgt Ion:114 Resp: 259964

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.8

88 16.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 47.649 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.012 min

Lab File: VY020455.D

Acq: 27 Nov 2024 11:01

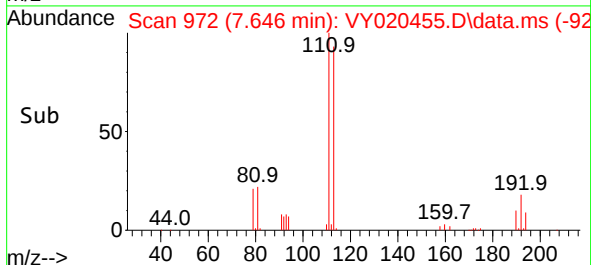
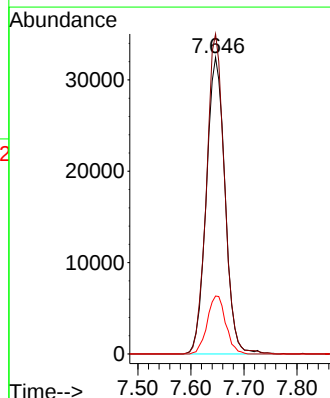
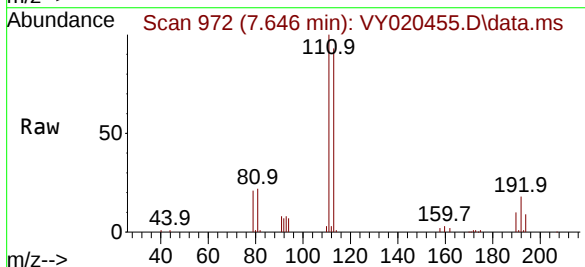
Tgt Ion:113 Resp: 79429

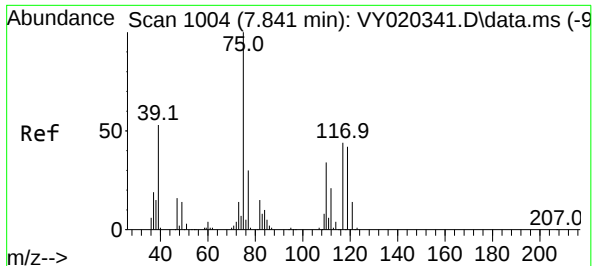
Ion Ratio Lower Upper

113 100

111 104.0 81.4 122.0

192 19.4 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.518 ug/l

RT: 7.719 min Scan# 91

Delta R.T. -0.122 min

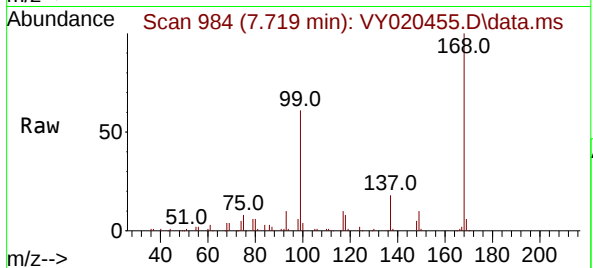
Lab File: VY020455.D

Acq: 27 Nov 2024 11:01

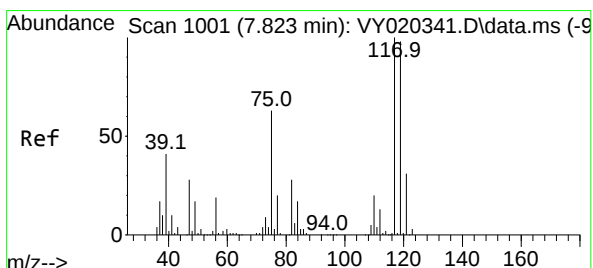
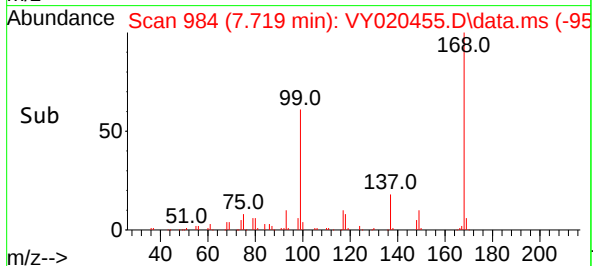
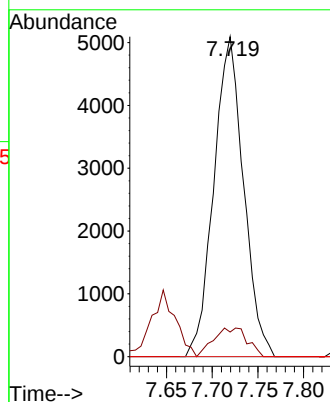
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp:	11504
Ion Ratio	Lower	Upper
75	100	
110	10.2	16.7 50.0#
77	0.0	24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.543 ug/l

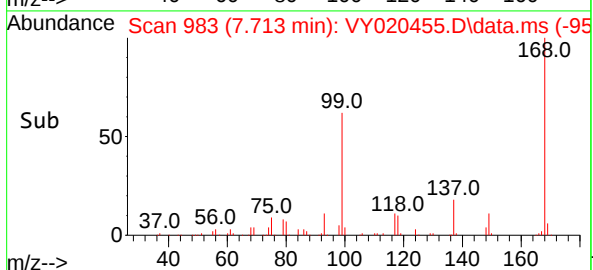
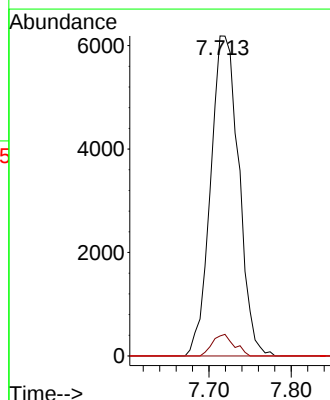
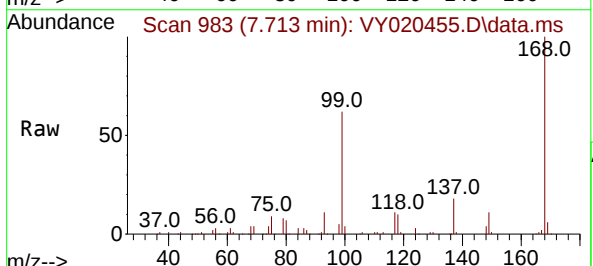
RT: 7.713 min Scan# 983

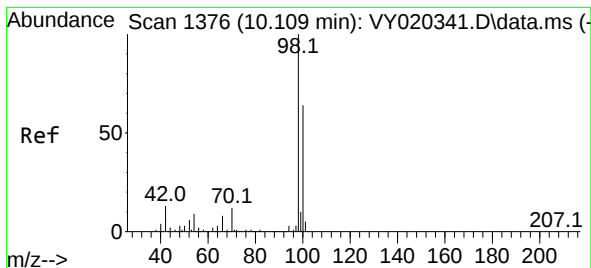
Delta R.T. -0.110 min

Lab File: VY020455.D

Acq: 27 Nov 2024 11:01

Tgt Ion: 117	Resp:	14735
Ion Ratio	Lower	Upper
117	100	
119	6.2	77.8 116.6#
121	0.0	24.6 37.0#

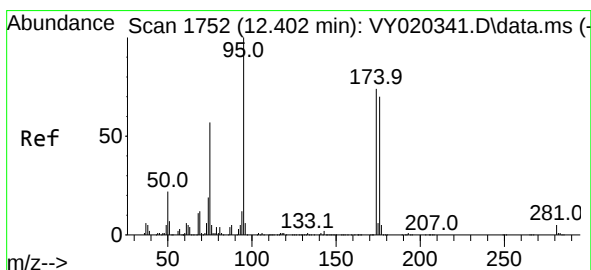
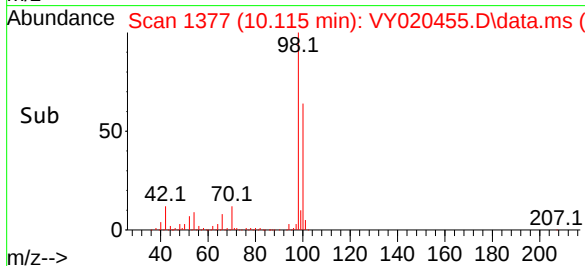
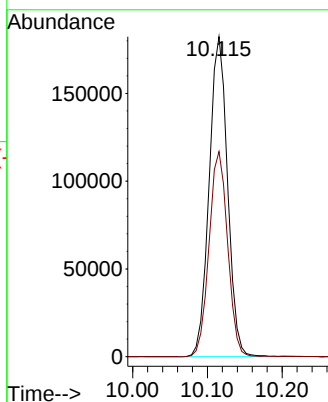
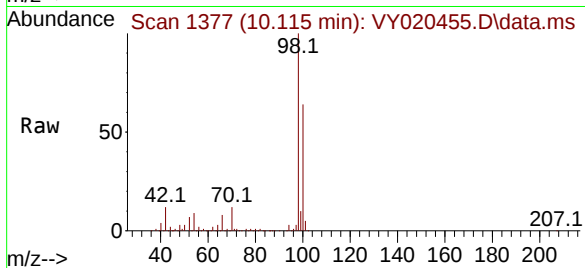




#50
Toluene-d8
Concen: 47.450 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 11:01

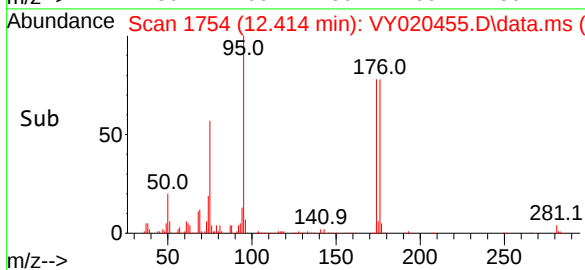
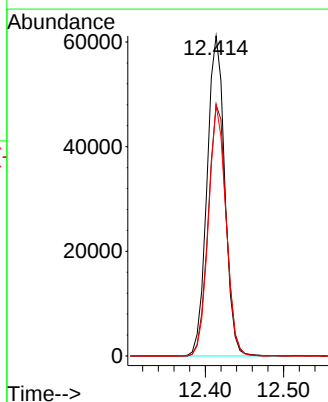
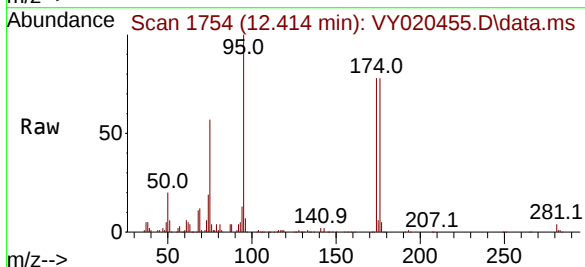
Instrument :
MSVOA_Y
ClientSampleId :

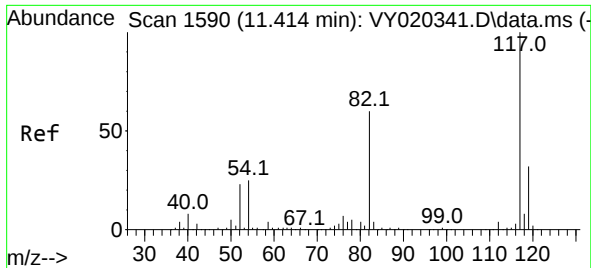
Tgt Ion: 98 Resp: 311581
Ion Ratio Lower Upper
98 100
100 64.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.334 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.012 min
Lab File: VY020455.D
Acq: 27 Nov 2024 11:01

Tgt Ion: 95 Resp: 95697
Ion Ratio Lower Upper
95 100
174 79.9 0.0 156.8
176 77.3 0.0 152.0

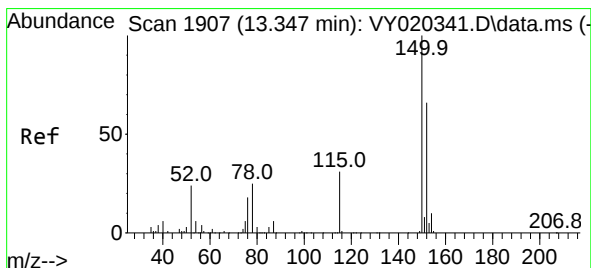
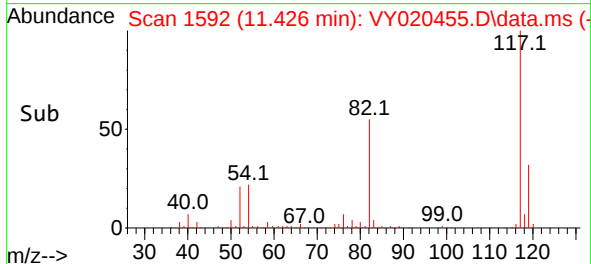
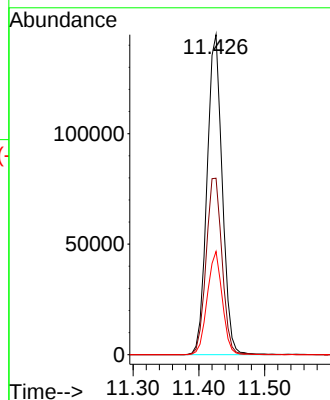
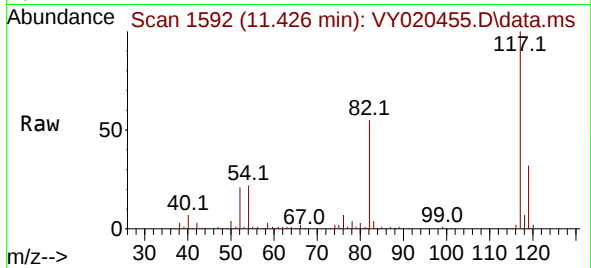




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020455.D
Acq: 27 Nov 2024 11:01

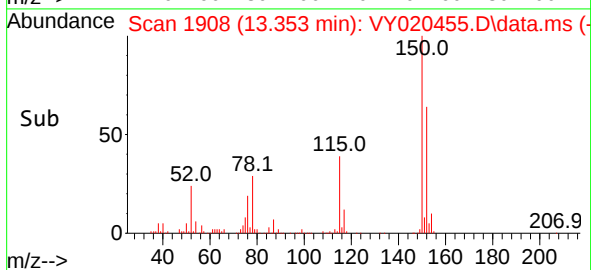
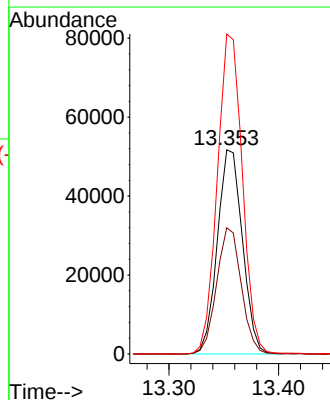
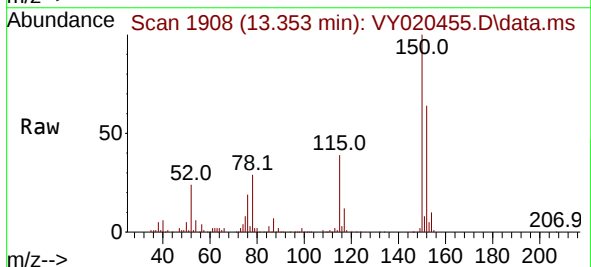
Instrument :
MSVOA_Y
ClientSampleId :

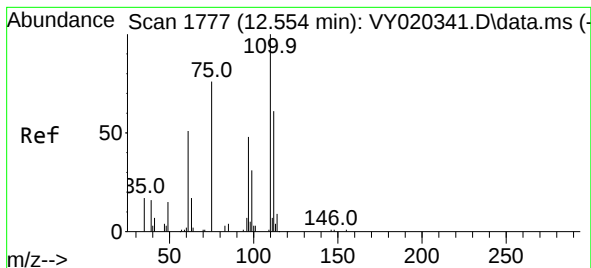
Tgt Ion:117 Resp: 233221
Ion Ratio Lower Upper
117 100
82 55.2 48.2 72.4
119 32.2 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY020455.D
Acq: 27 Nov 2024 11:01

Tgt Ion:152 Resp: 82357
Ion Ratio Lower Upper
152 100
115 60.8 30.0 90.0
150 156.6 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 69.078 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.140 min

Lab File: VY020455.D

Acq: 27 Nov 2024 11:01

Instrument :

MSVOA_Y

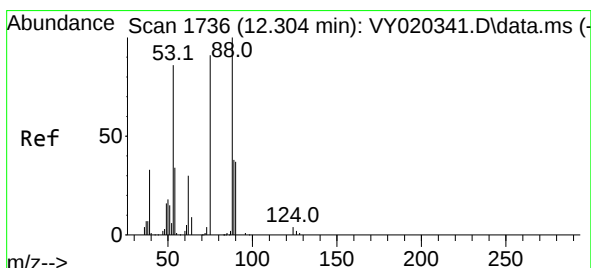
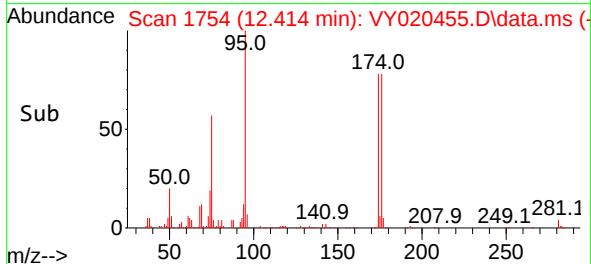
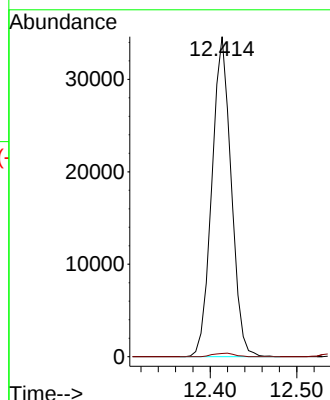
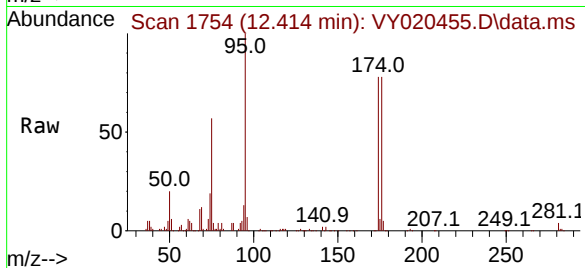
ClientSampleId :

Tgt Ion: 75 Resp: 53621

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 135.355 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.110 min

Lab File: VY020455.D

Acq: 27 Nov 2024 11:01

Tgt Ion: 75 Resp: 53621

Ion Ratio Lower Upper

75 100

53 0.0 81.1 121.7#

89 0.0 35.1 52.7#

