

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019385.D
 Acq On : 29 Aug 2024 21:47
 Operator : SY/MD
 Sample : P3739-11
 Misc : 4.40g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 04:51:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

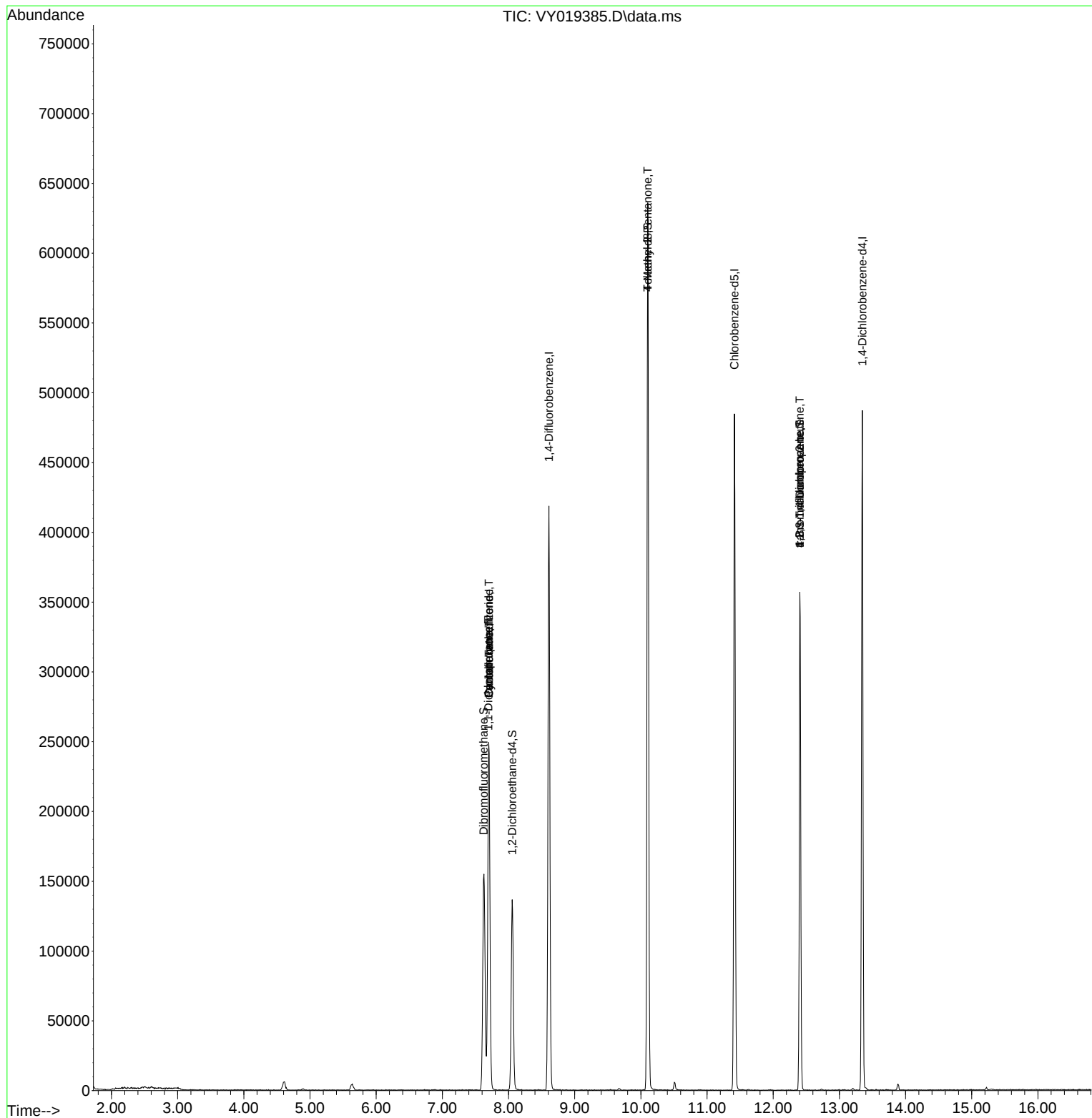
Internal Standards						
1) Pentafluorobenzene	7.701	168	197007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	359009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	259899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	120074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	107901	57.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.640%
35) Dibromofluoromethane	7.622	113	111948	49.321	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.640%
50) Toluene-d8	10.103	98	404732	48.439	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.402	95	100772	37.289	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	74.580%
Target Compounds						
5) Bromomethane	2.605	94	351	Below Cal	#	80
20) Methylene Chloride	4.610	84	4608	Below Cal		90
31) Cyclohexane	7.701	56	4031	1.270	ug/l #	32
36) 1,1-Dichloropropene	7.695	75	14995	4.675	ug/l #	50
38) Carbon Tetrachloride	7.701	117	20001	5.116	ug/l #	15
51) 4-Methyl-2-Pentanone	10.103	43	1684	1.298	ug/l #	1
76) 1,2,3-Trichloropropane	12.402	75	54732	51.904	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	54732	128.414	ug/l #	16

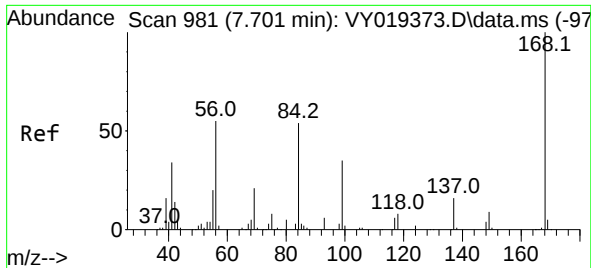
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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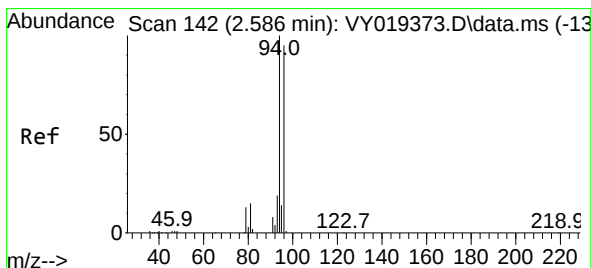
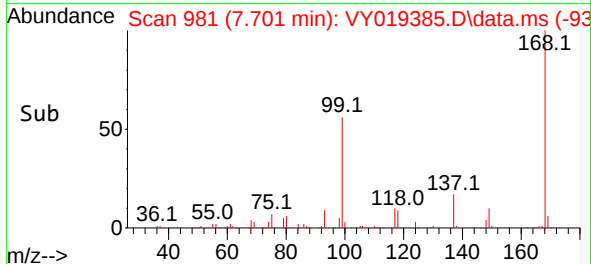
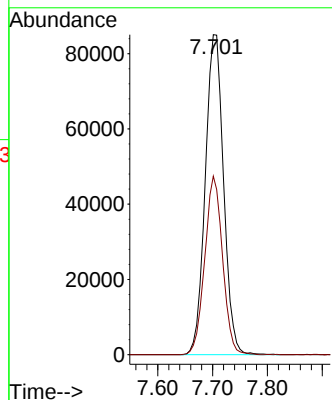
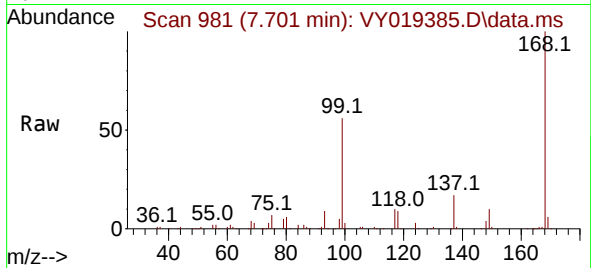




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

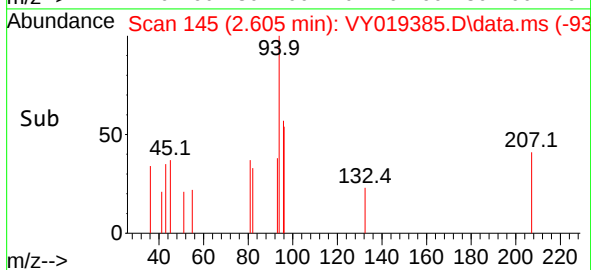
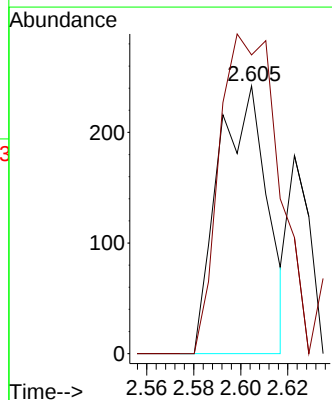
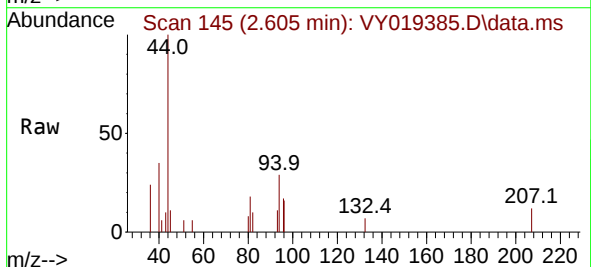
Instrument :
MSVOA_Y
ClientSampleId :

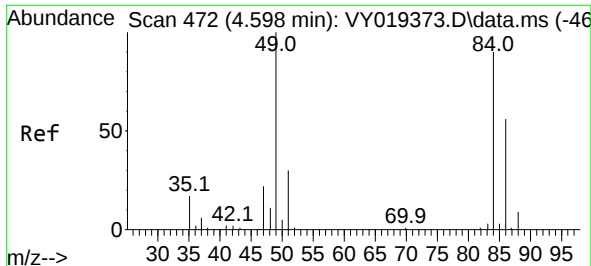
Tgt Ion:168 Resp: 197007
Ion Ratio Lower Upper
168 100
99 55.8 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.605 min Scan# 145
Delta R.T. 0.019 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

Tgt Ion: 94 Resp: 351
Ion Ratio Lower Upper
94 100
96 111.6 74.1 111.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY019385.D

Acq: 29 Aug 2024 21:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 4608

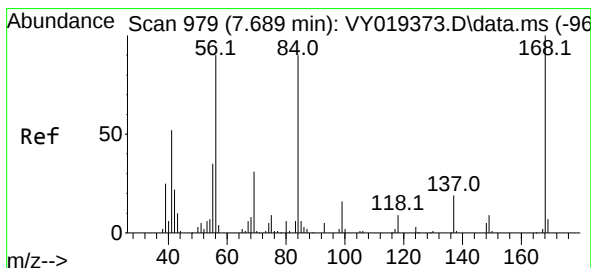
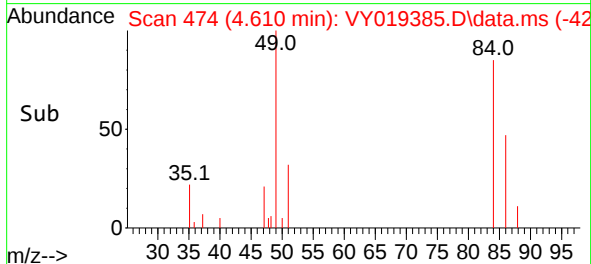
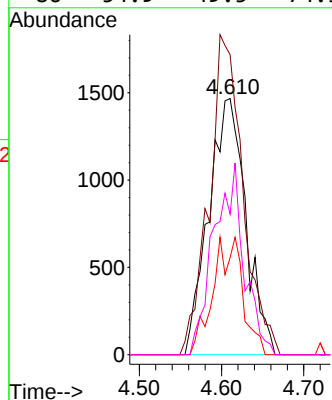
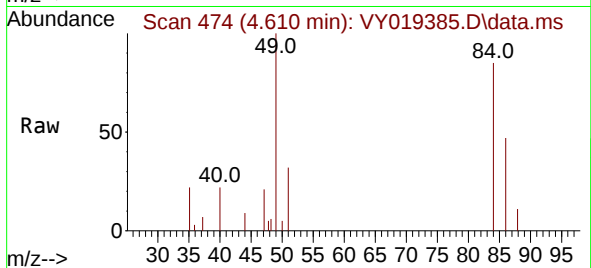
Ion Ratio Lower Upper

84 100

49 117.1 84.4 126.6

51 37.9 26.0 39.0

86 54.9 49.5 74.3



#31

Cyclohexane

Concen: 1.270 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY019385.D

Acq: 29 Aug 2024 21:47

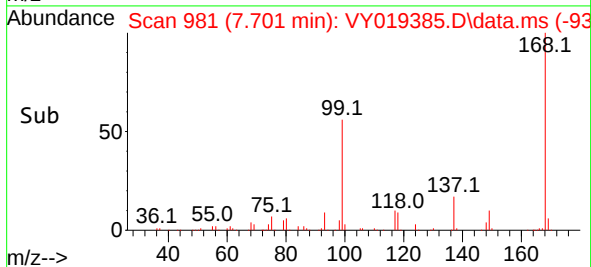
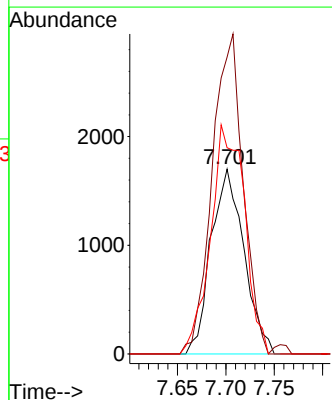
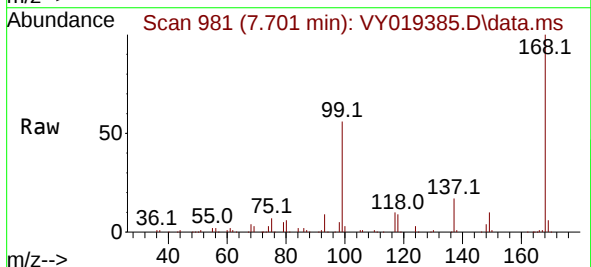
Tgt Ion: 56 Resp: 4031

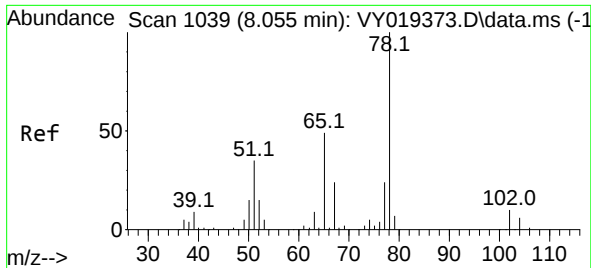
Ion Ratio Lower Upper

56 100

69 160.6 28.7 43.1#

84 111.6 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 57.825 ug/l

RT: 8.055 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY019385.D

Acq: 29 Aug 2024 21:47

Instrument :

MSVOA_Y

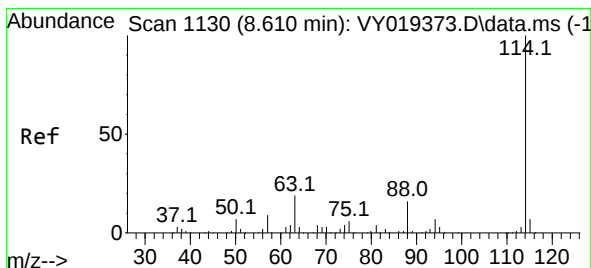
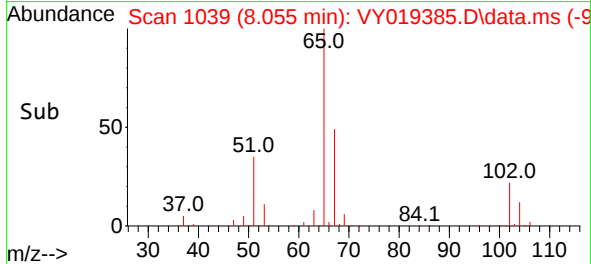
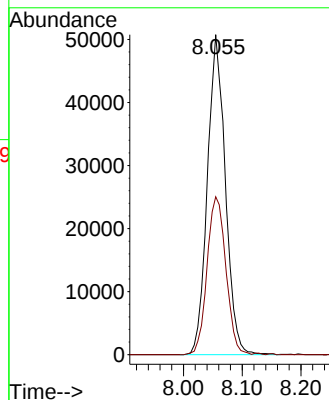
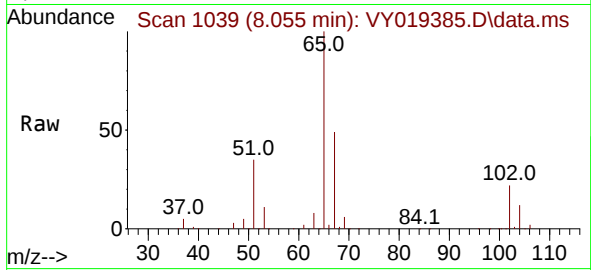
ClientSampleId :

Tgt Ion: 65 Resp: 107901

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019385.D

Acq: 29 Aug 2024 21:47

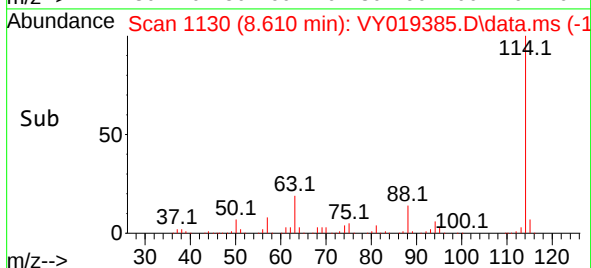
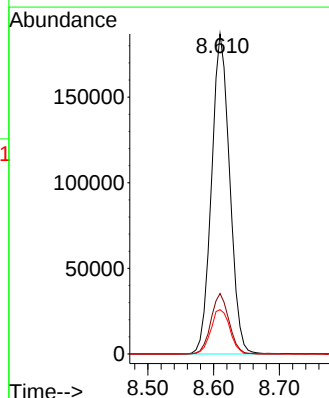
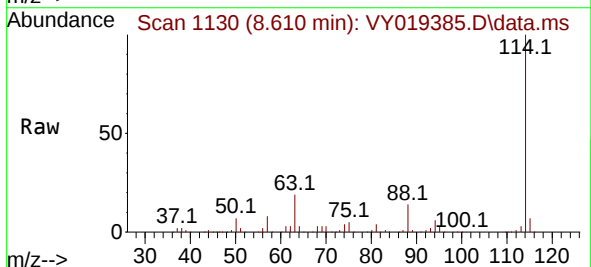
Tgt Ion: 114 Resp: 359009

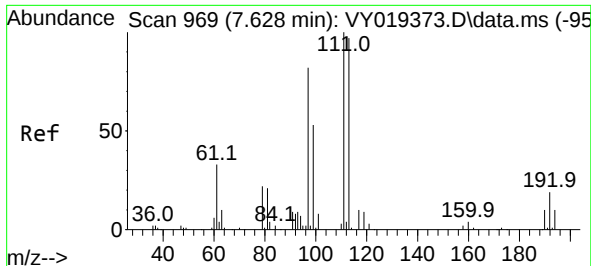
Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

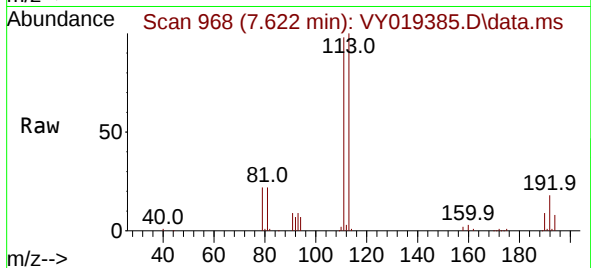
88 13.8 0.0 27.2



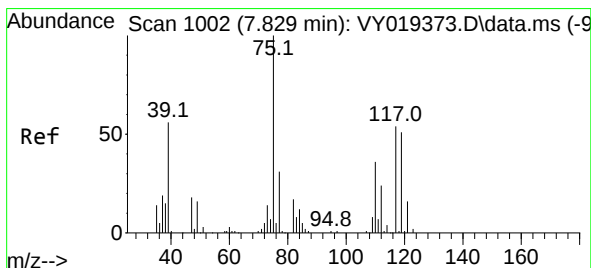
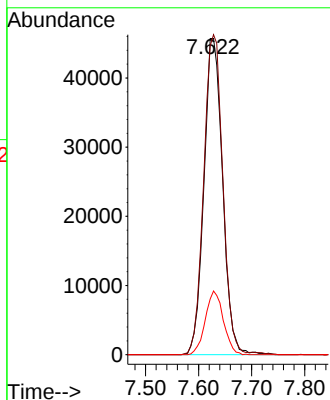
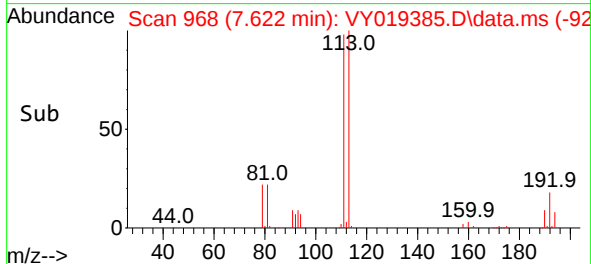


#35
Dibromofluoromethane
Concen: 49.321 ug/l
RT: 7.622 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

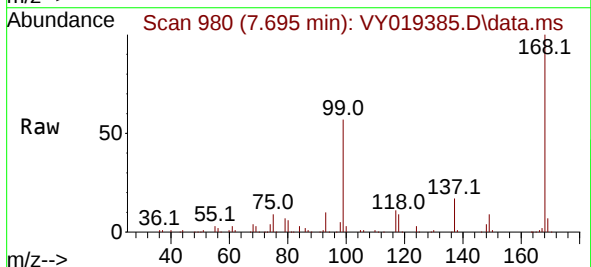
Instrument :
MSVOA_Y
ClientSampleId :



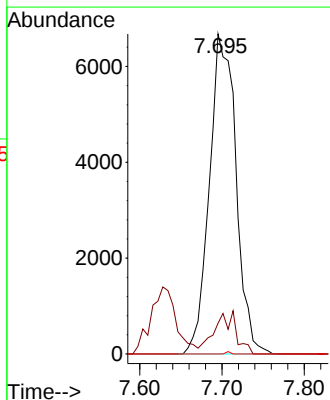
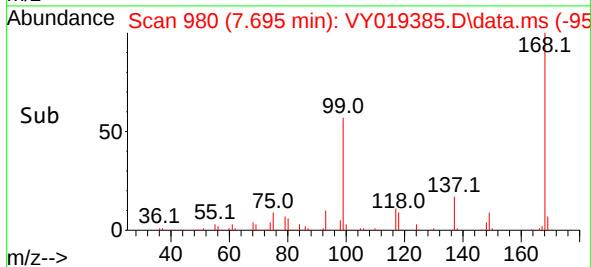
Tgt Ion:113 Resp: 111948
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 19.5 15.9 23.9

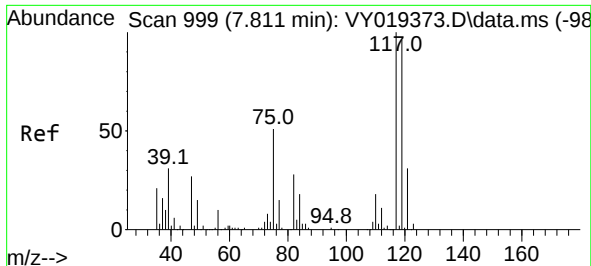


#36
1,1-Dichloropropene
Concen: 4.675 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47



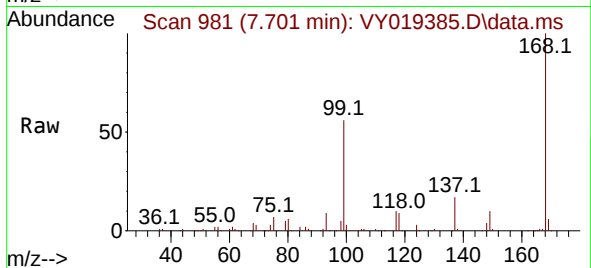
Tgt Ion: 75 Resp: 14995
Ion Ratio Lower Upper
75 100
110 10.9 19.0 57.0#
77 0.1 25.3 37.9#



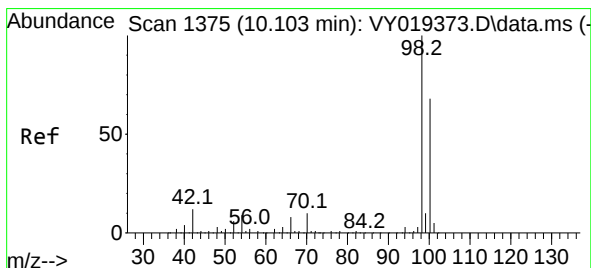
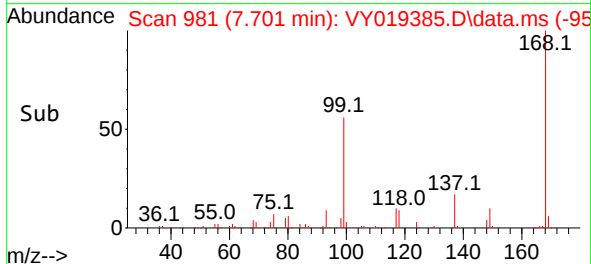
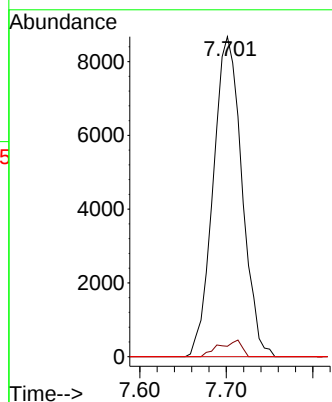


#38
Carbon Tetrachloride
Concen: 5.116 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

Instrument :
MSVOA_Y
ClientSampleId :

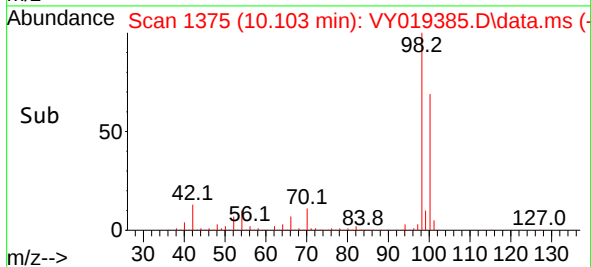
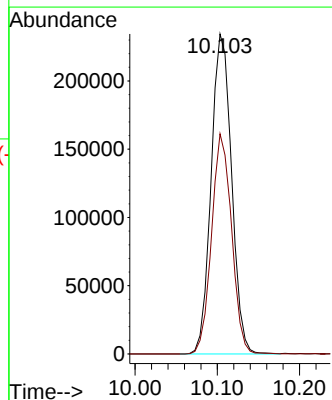
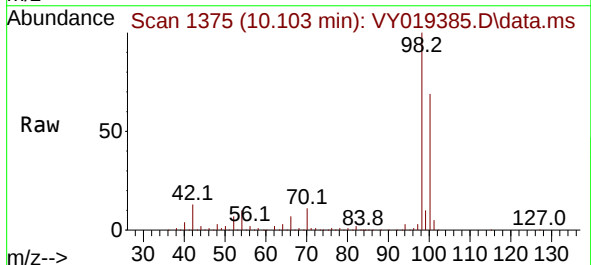


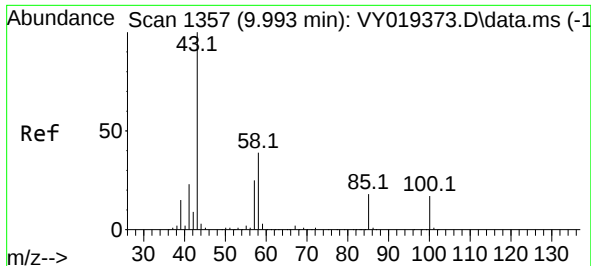
Tgt Ion:117 Resp: 20001
Ion Ratio Lower Upper
117 100
119 3.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.439 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

Tgt Ion: 98 Resp: 404732
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0

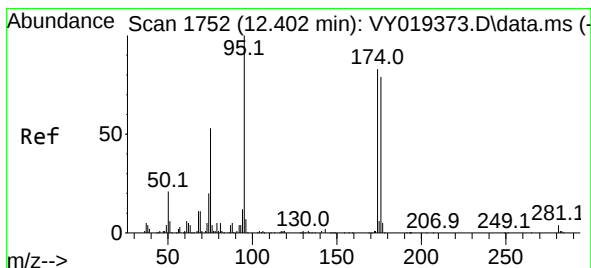
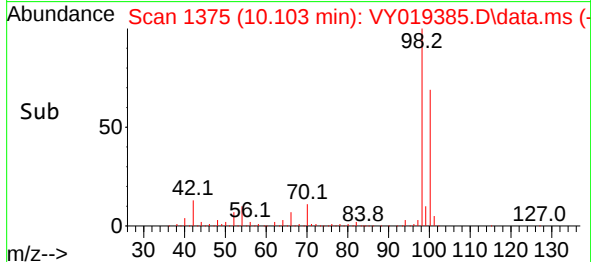
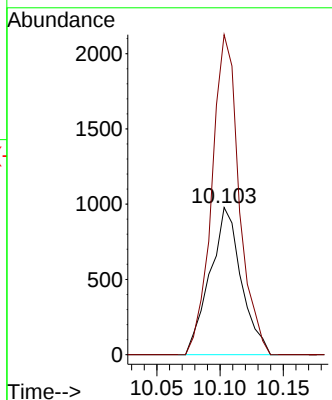
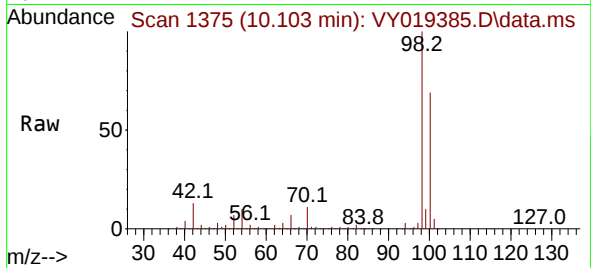




#51
4-Methyl-2-Pentanone
Concen: 1.298 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

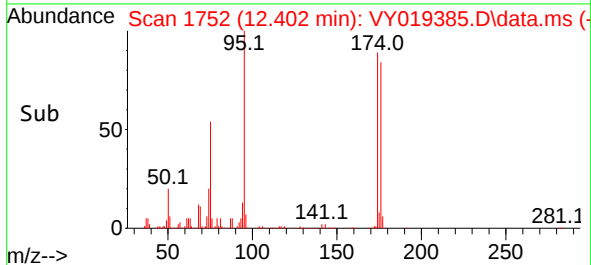
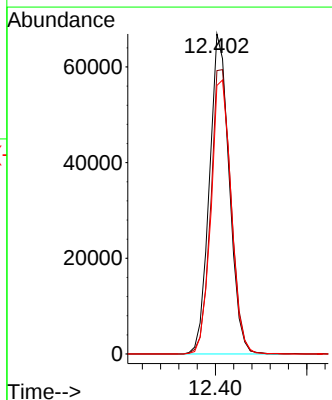
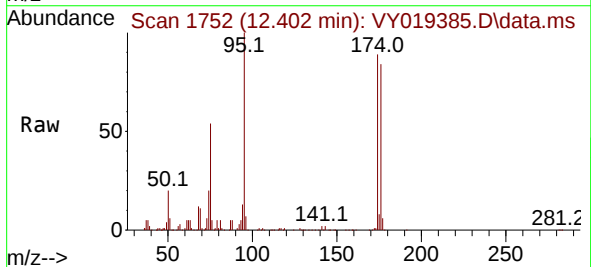
Instrument :
MSVOA_Y
ClientSampleId :

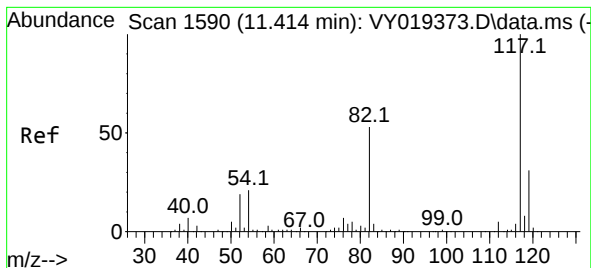
Tgt Ion: 43 Resp: 1684
Ion Ratio Lower Upper
43 100
58 189.6 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 37.289 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

Tgt Ion: 95 Resp: 100772
Ion Ratio Lower Upper
95 100
174 90.9 0.0 175.6
176 87.3 0.0 171.4

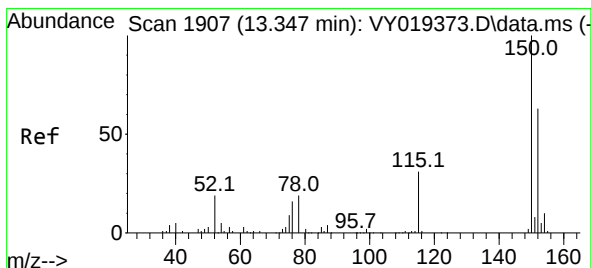
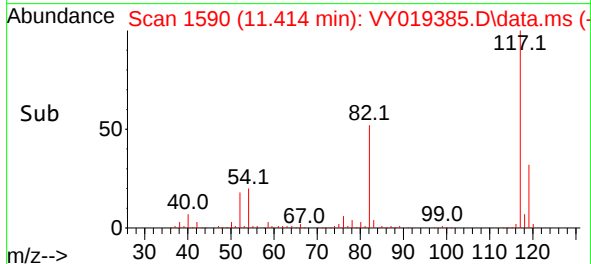
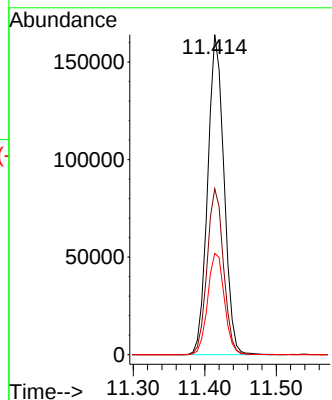
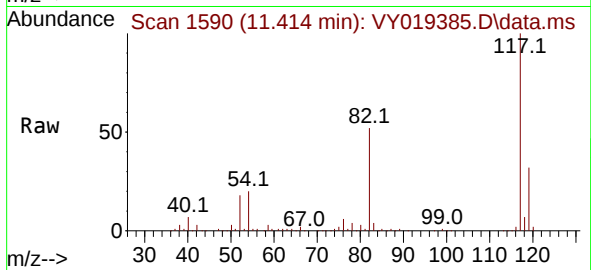




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

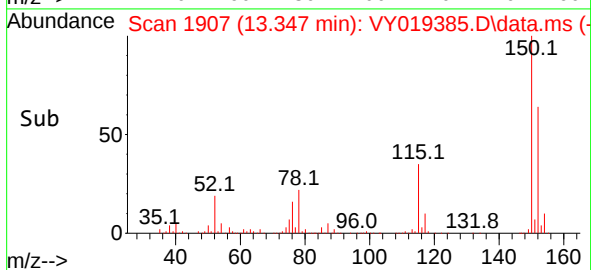
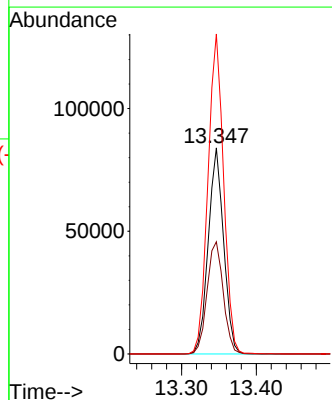
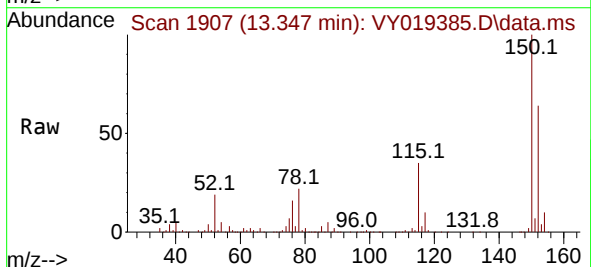
Instrument :
MSVOA_Y
ClientSampleId :

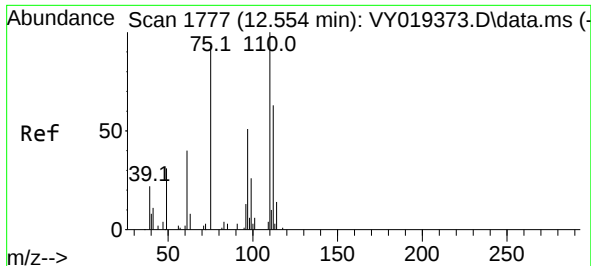
Tgt Ion:117 Resp: 259899
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

Tgt Ion:152 Resp: 120074
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 157.7 0.0 345.6

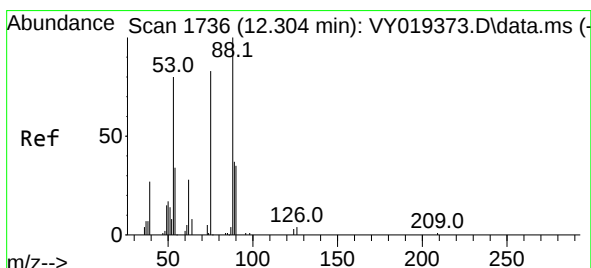
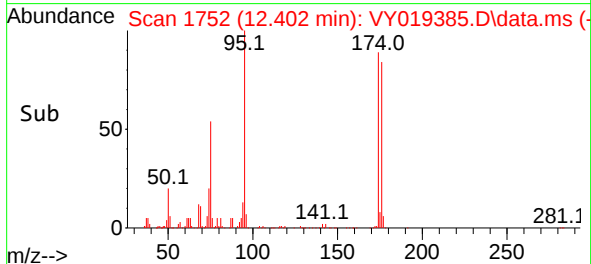
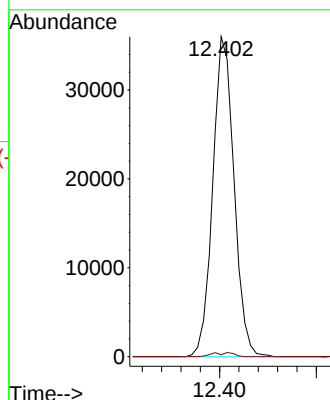
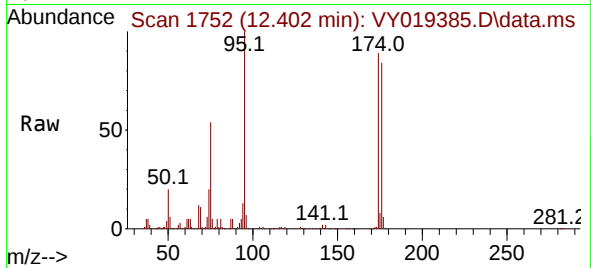




#76
1,2,3-Trichloropropane
Concen: 51.904 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 54732
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.414 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019385.D
Acq: 29 Aug 2024 21:47

Tgt Ion: 75 Resp: 54732
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

