

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019430.D
 Acq On : 03 Sep 2024 15:37
 Operator : SY/MD
 Sample : P3746-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 04 01:35:49 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)

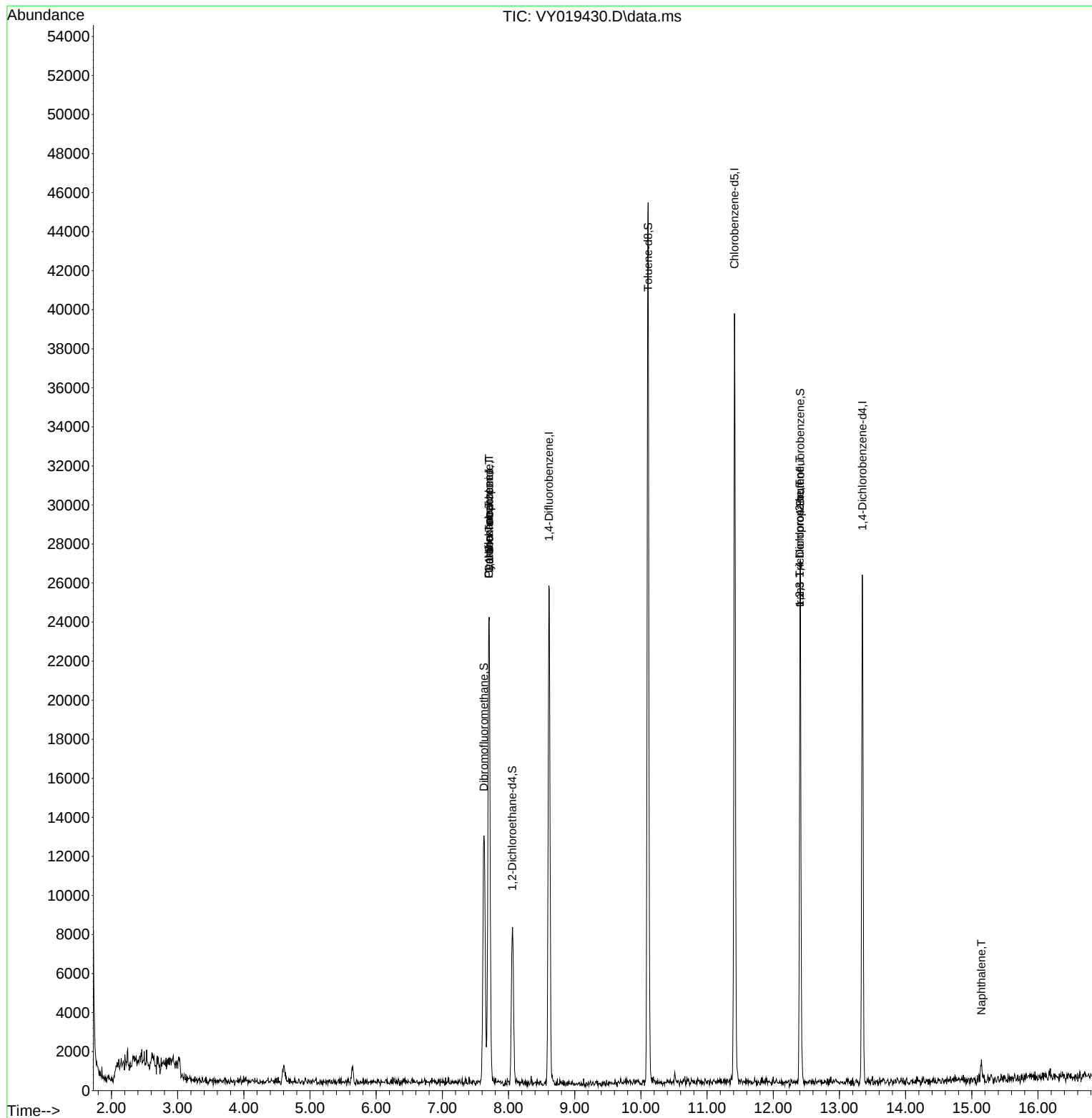
Internal Standards						
1) Pentafluorobenzene	7.701	168	18592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	22810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	21951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	6614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	6256	35.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.060%
35) Dibromofluoromethane	7.628	113	9154	63.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.960%
50) Toluene-d8	10.109	98	29632	55.817	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.640%
62) 4-Bromofluorobenzene	12.408	95	7461	43.452	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.900%
Target Compounds						
					Qvalue	
5) Bromomethane	2.605	94	109	Below Cal		98
20) Methylene Chloride	4.586	84	668	Below Cal	#	59
31) Cyclohexane	7.701	56	364	1.215	ug/l #	52
36) 1,1-Dichloropropene	7.707	75	1465	7.188	ug/l #	40
38) Carbon Tetrachloride	7.707	117	1853	7.460	ug/l #	13
76) 1,2,3-Trichloropropane	12.402	75	4104	70.656	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	4104	174.808	ug/l #	16
95) Naphthalene	15.145	128	1201	7.076	ug/l #	89

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

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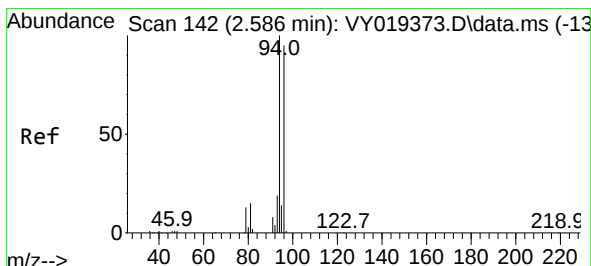
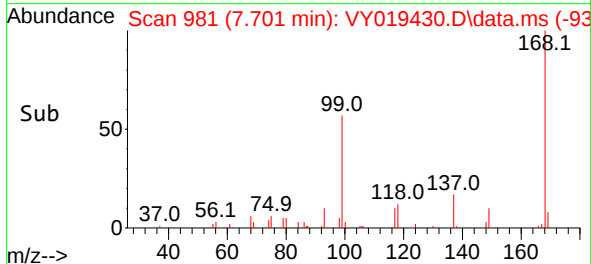
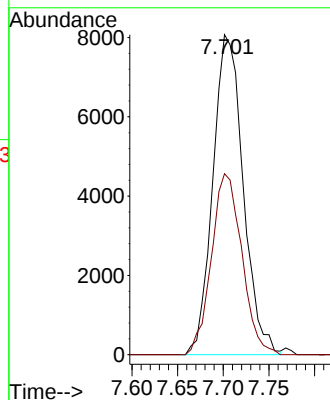
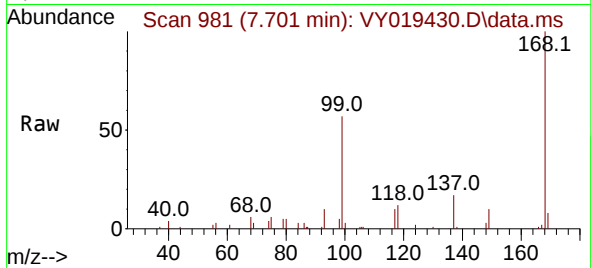




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019430.D
Acq: 03 Sep 2024 15:37

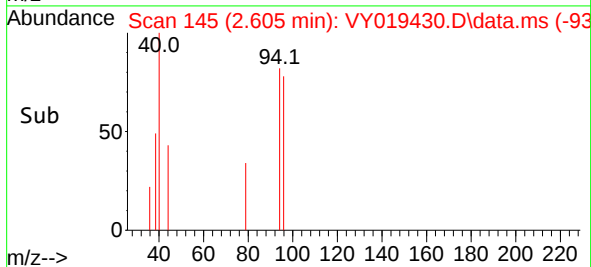
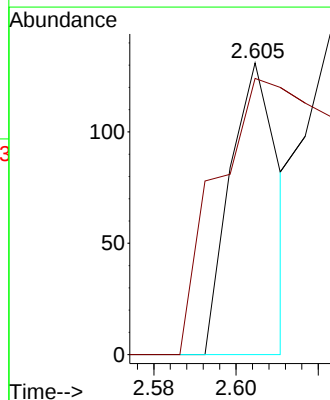
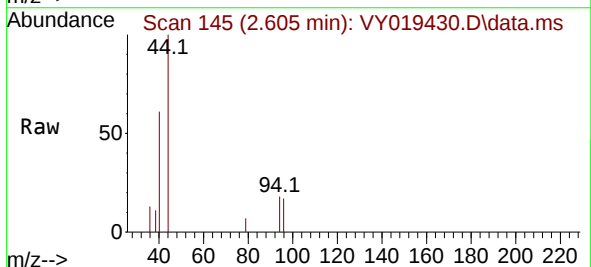
Instrument :
MSVOA_Y
ClientSampleId :

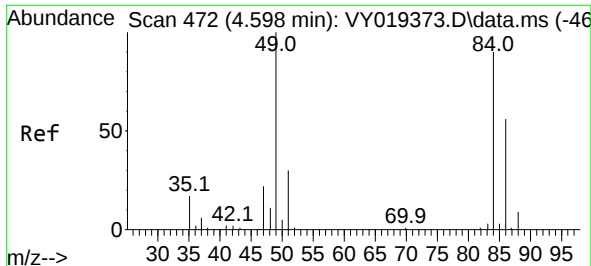
Tgt Ion:168 Resp: 18592
Ion Ratio Lower Upper
168 100
99 56.6 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.605 min Scan# 145
Delta R.T. 0.019 min
Lab File: VY019430.D
Acq: 03 Sep 2024 15:37

Tgt Ion: 94 Resp: 109
Ion Ratio Lower Upper
94 100
96 94.7 74.1 111.1





#20

Methylene Chloride

Concen: Below Cal

RT: 4.586 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY019430.D

Acq: 03 Sep 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 668

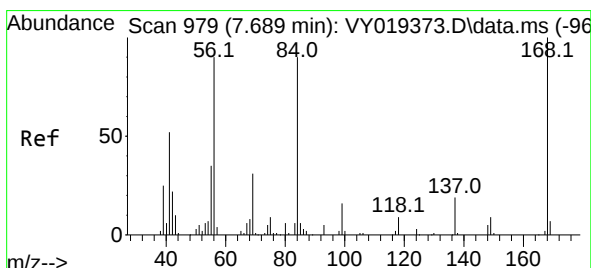
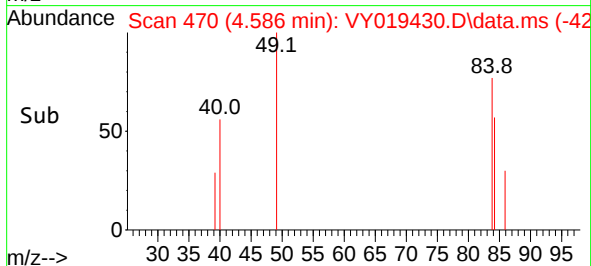
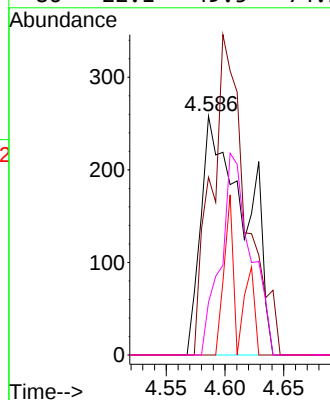
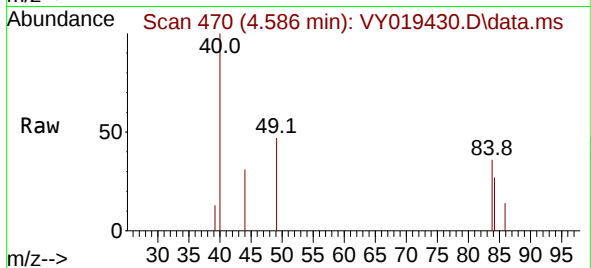
Ion Ratio Lower Upper

84 100

49 74.4 84.4 126.6#

51 0.0 26.0 39.0#

86 22.1 49.5 74.3#



#31

Cyclohexane

Concen: 1.215 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY019430.D

Acq: 03 Sep 2024 15:37

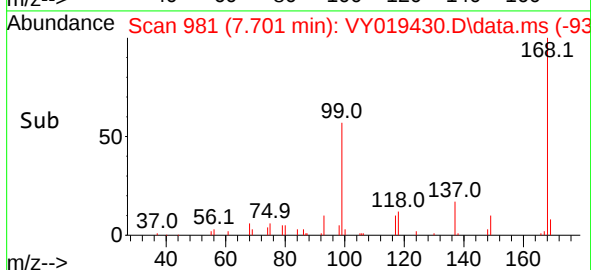
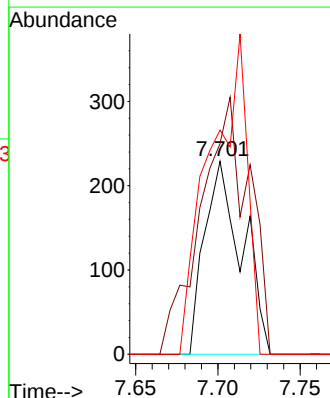
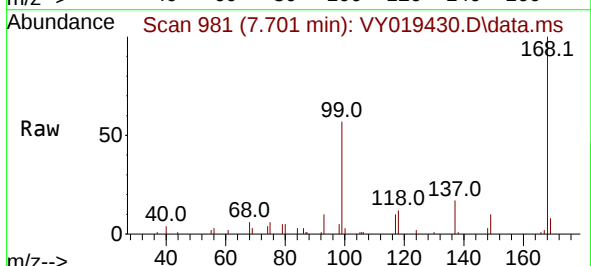
Tgt Ion: 56 Resp: 364

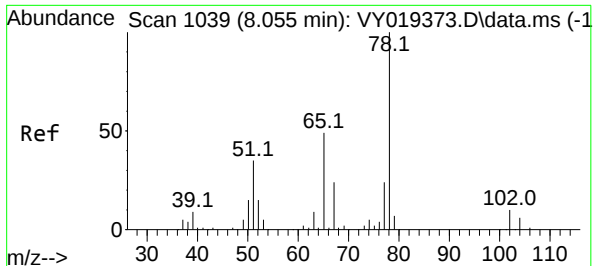
Ion Ratio Lower Upper

56 100

69 109.2 28.7 43.1#

84 116.2 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 35.525 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019430.D

Acq: 03 Sep 2024 15:37

Instrument :

MSVOA_Y

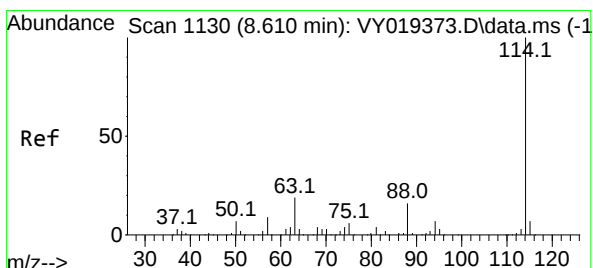
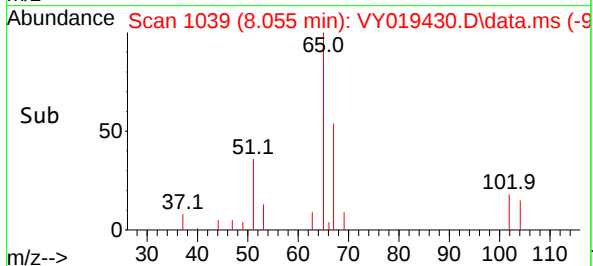
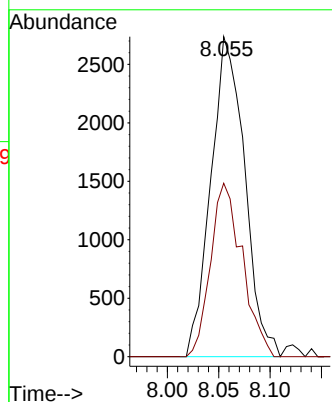
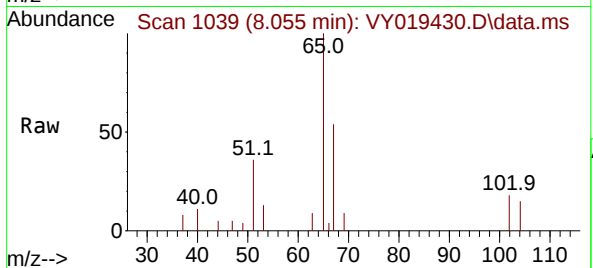
ClientSampleId :

Tgt Ion: 65 Resp: 6256

Ion Ratio Lower Upper

65 100

67 50.8 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: VY019430.D

Acq: 03 Sep 2024 15:37

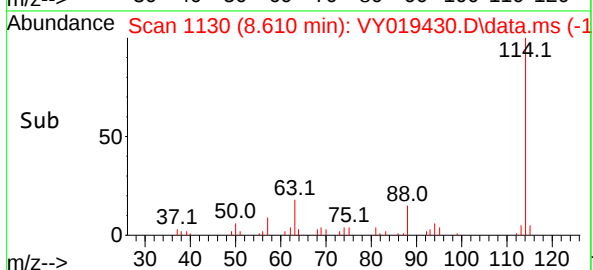
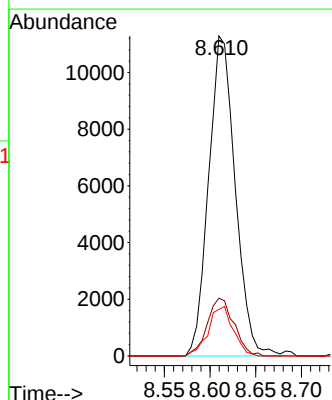
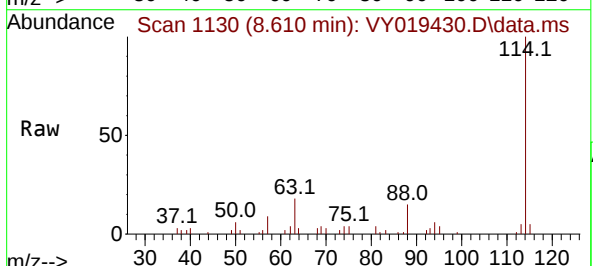
Tgt Ion: 114 Resp: 22810

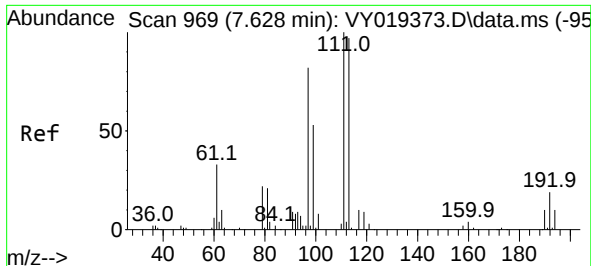
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.6 0.0 27.2

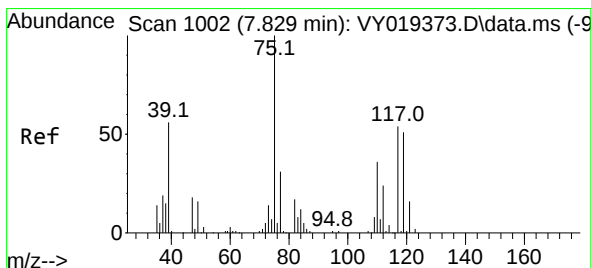
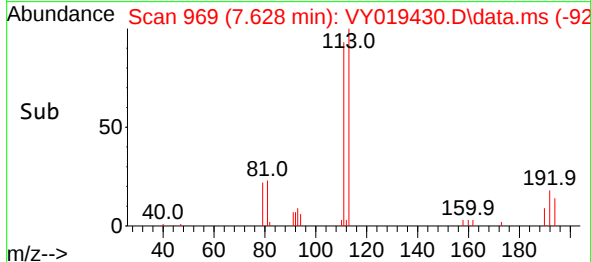
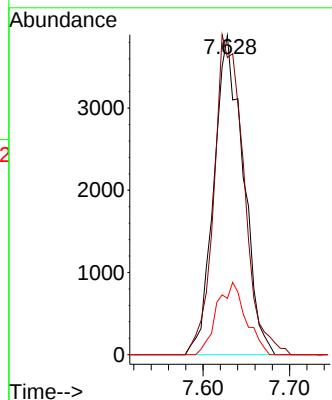
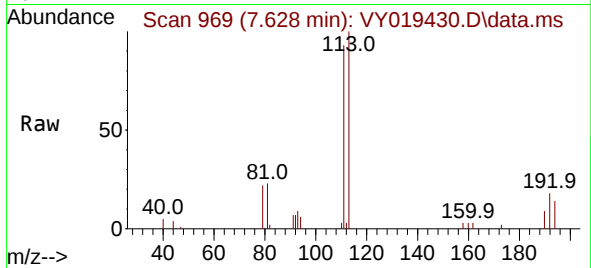




#35
Dibromofluoromethane
Concen: 63.476 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019430.D
Acq: 03 Sep 2024 15:37

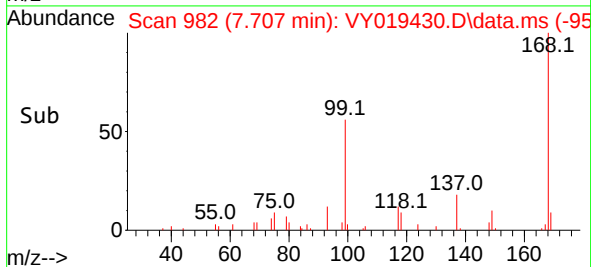
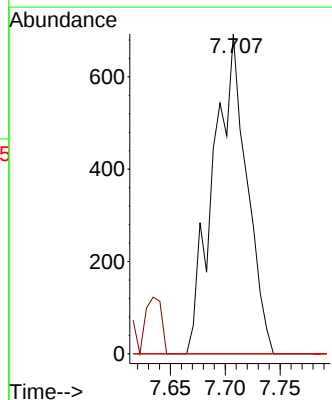
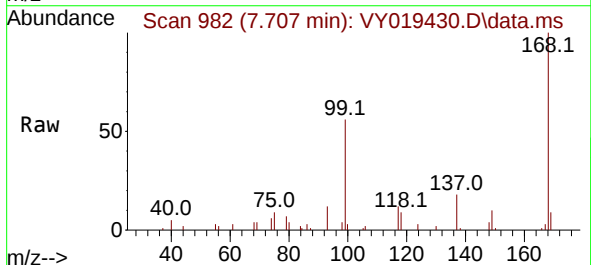
Instrument :
MSVOA_Y
ClientSampleId :

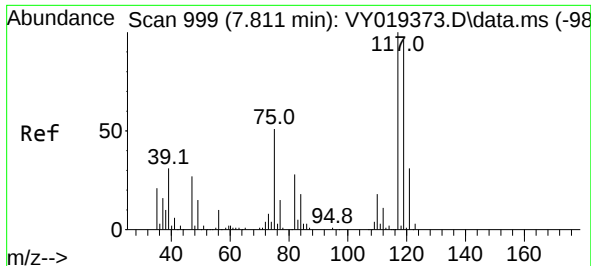
Tgt Ion:113 Resp: 9154
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 22.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 7.188 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY019430.D
Acq: 03 Sep 2024 15:37

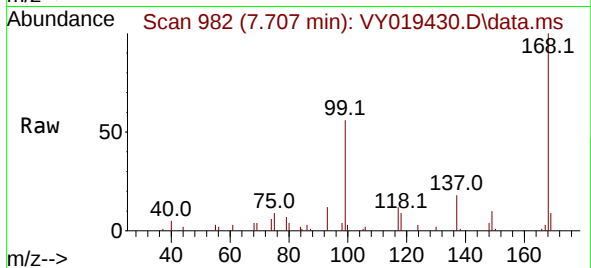
Tgt Ion: 75 Resp: 1465
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



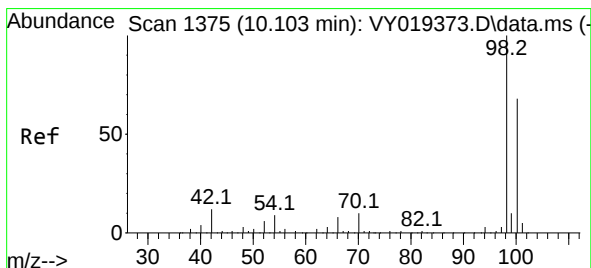
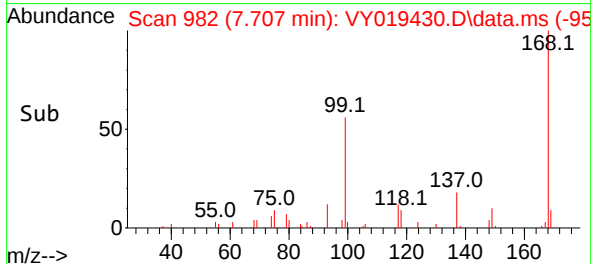
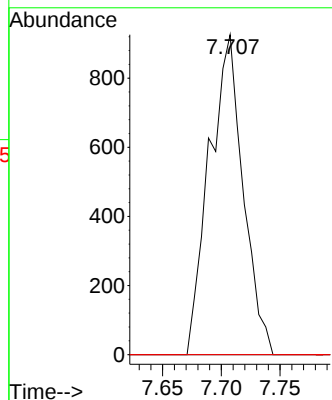


#38
Carbon Tetrachloride
Concen: 7.460 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019430.D
Acq: 03 Sep 2024 15:37

Instrument :
MSVOA_Y
ClientSampleId :

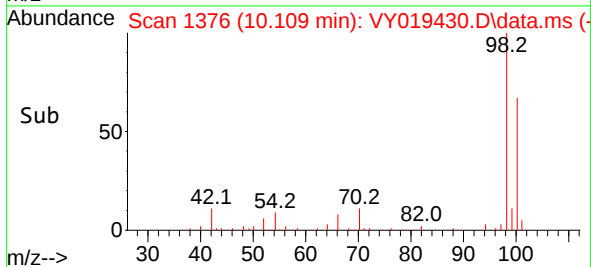
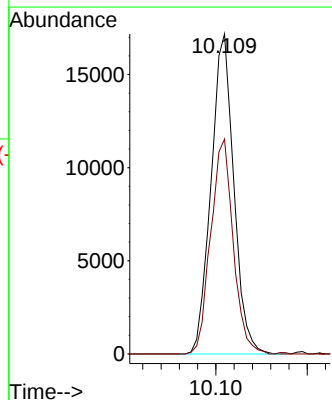
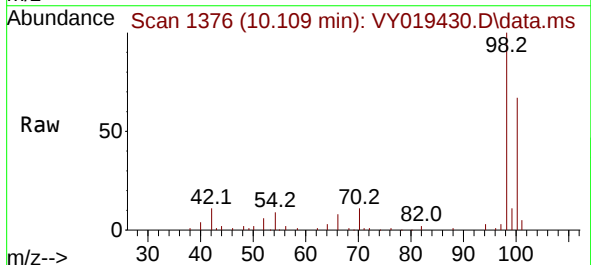


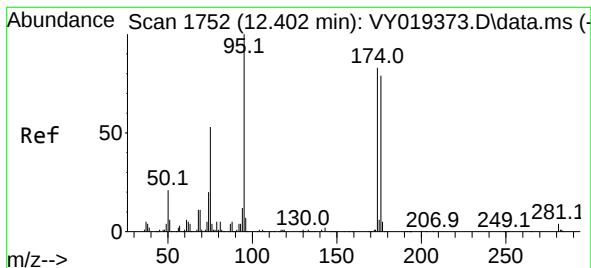
Tgt Ion:117 Resp: 1853
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 55.817 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY019430.D
Acq: 03 Sep 2024 15:37

Tgt Ion: 98 Resp: 29632
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0

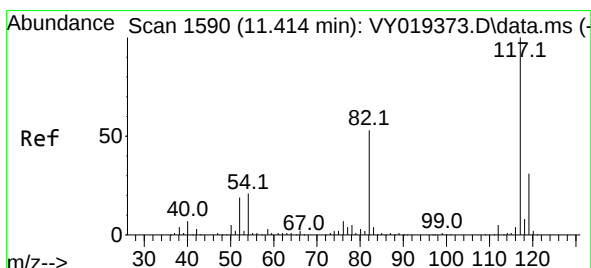
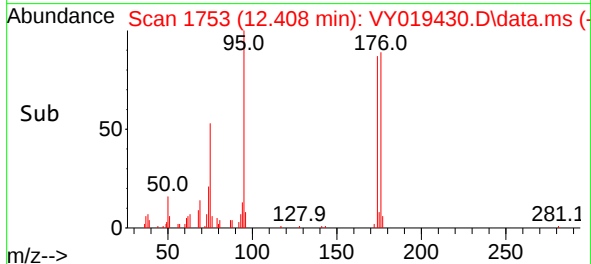
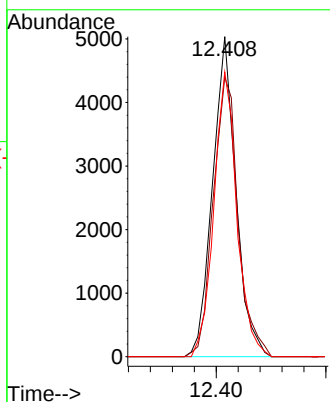
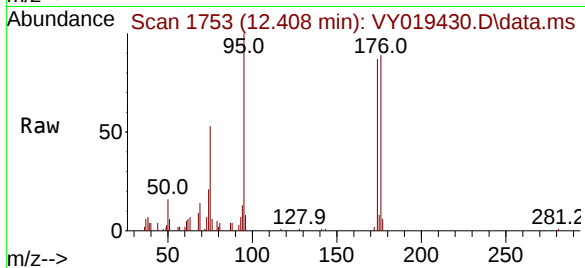




#62
4-Bromofluorobenzene
Concen: 43.452 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY019430.D
Acq: 03 Sep 2024 15:37

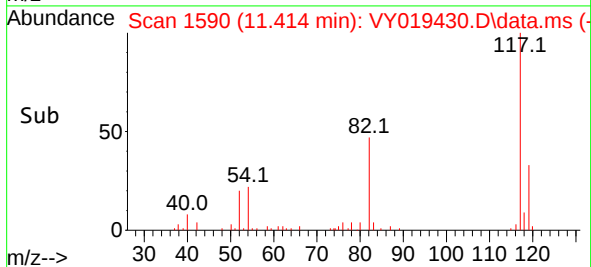
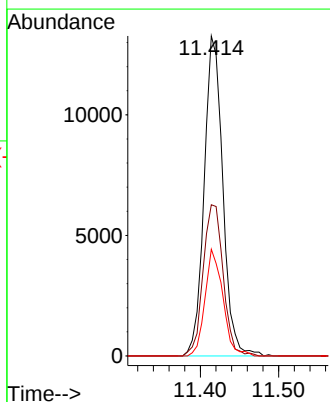
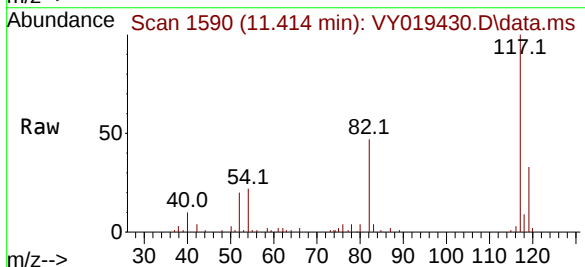
Instrument :
MSVOA_Y
ClientSampleId :

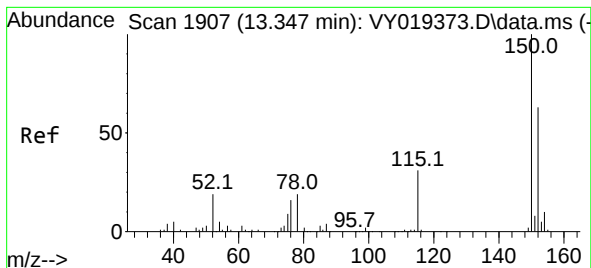
Tgt Ion:	95	Resp:	7461
Ion Ratio	Lower	Upper	
95	100		
174	92.9	0.0	175.6
176	87.7	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019430.D
Acq: 03 Sep 2024 15:37

Tgt Ion:	117	Resp:	21951
Ion Ratio	Lower	Upper	
117	100		
82	47.2	42.4	63.6
119	33.4	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: VY019430.D

Acq: 03 Sep 2024 15:37

Instrument :

MSVOA_Y

ClientSampleId :

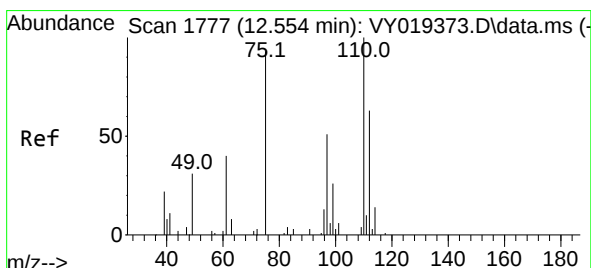
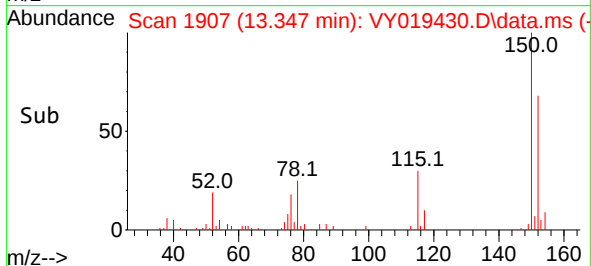
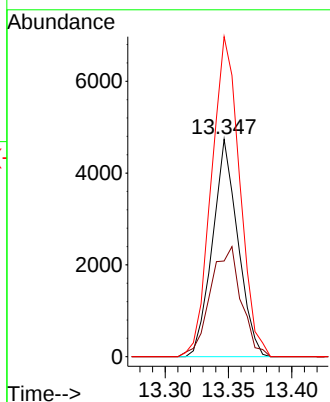
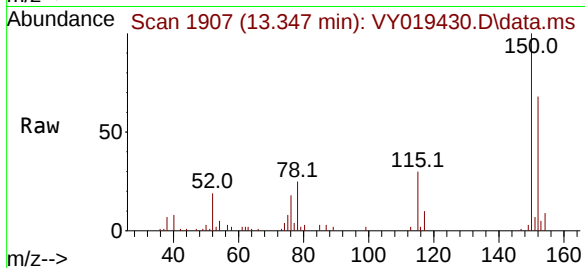
Tgt Ion:152 Resp: 6614

Ion Ratio Lower Upper

152 100

115 61.4 28.2 84.7

150 164.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 70.656 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY019430.D

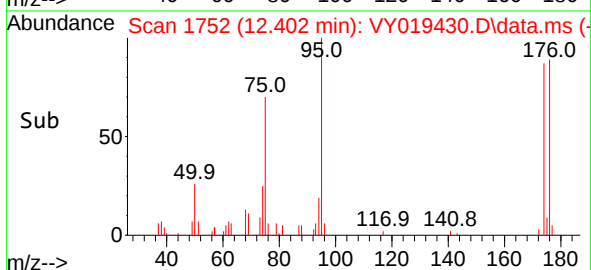
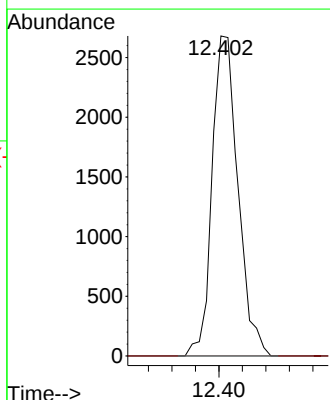
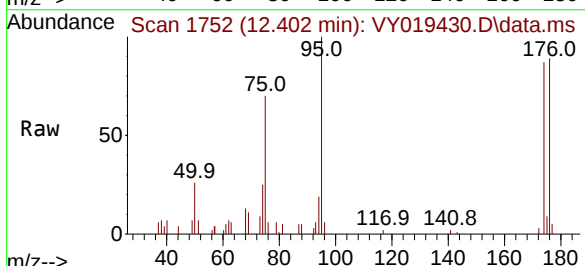
Acq: 03 Sep 2024 15:37

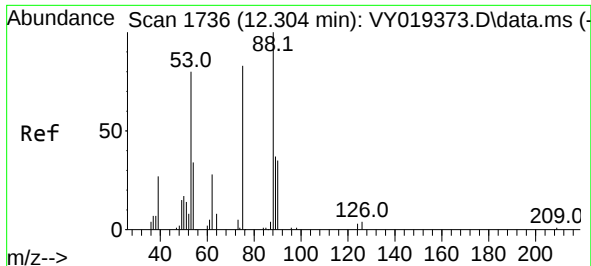
Tgt Ion: 75 Resp: 4104

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

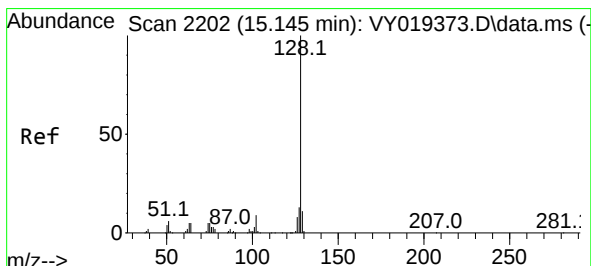
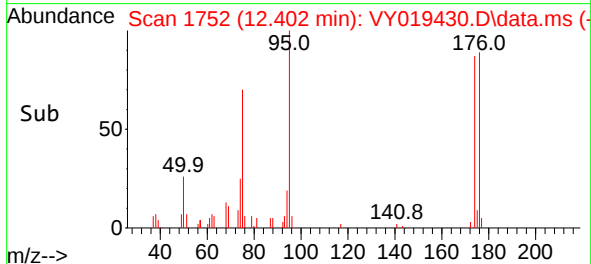
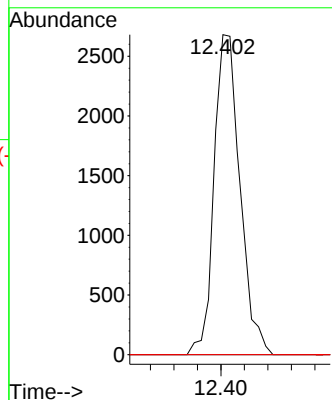
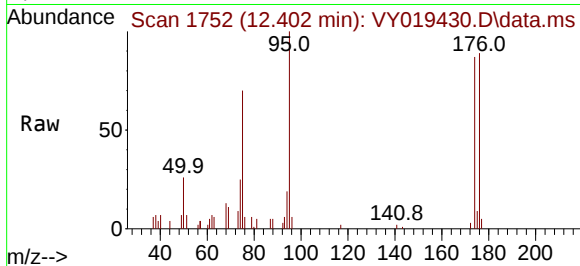




#81
 trans-1,4-Dichloro-2-butene
 Concen: 174.808 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. 0.098 min
 Lab File: VY019430.D
 Acq: 03 Sep 2024 15:37

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 4104
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#



#95
 Naphthalene
 Concen: 7.076 ug/l
 RT: 15.145 min Scan# 2202
 Delta R.T. 0.000 min
 Lab File: VY019430.D
 Acq: 03 Sep 2024 15:37

Tgt Ion: 128 Resp: 1201
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.6 16.0
 129 1.9 8.6 13.0#

