

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019405.D
 Acq On : 30 Aug 2024 18:57
 Operator : SY/MD
 Sample : P3767-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 23:19:06 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)

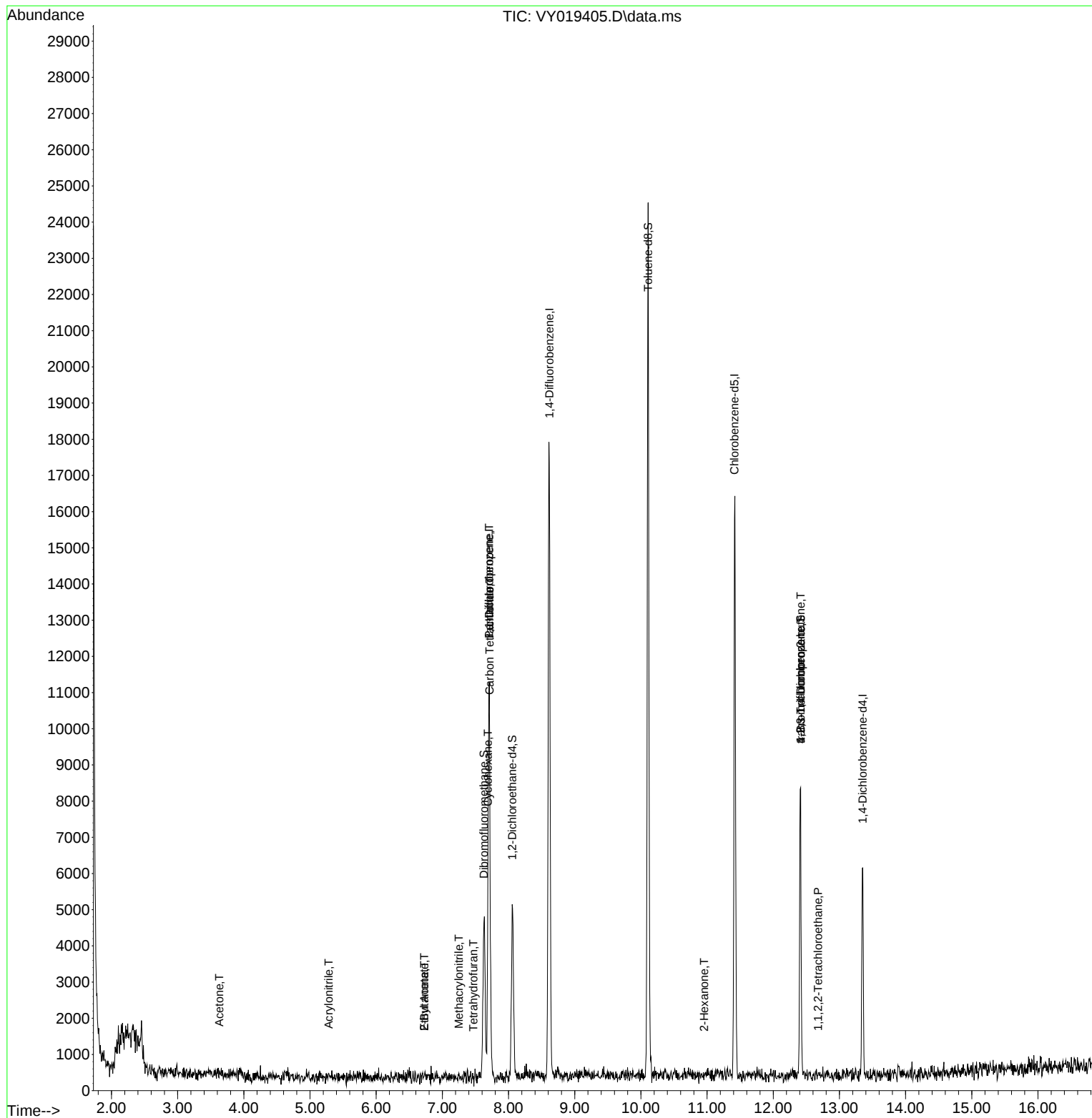
Internal Standards						
1) Pentafluorobenzene	7.707	168	8955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	16161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	9780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	1696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	3890	45.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.720%
35) Dibromofluoromethane	7.628	113	3198	31.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	62.600%
50) Toluene-d8	10.109	98	15990	42.512	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.020%
62) 4-Bromofluorobenzene	12.414	95	2675	21.989	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	43.980%
Target Compounds						
					Qvalue	
5) Bromomethane	2.397	94	80	Below Cal	#	62
15) Acrylonitrile	5.281	53	19	1.221	ug/l #	18
16) Acetone	3.629	43	23	1.379	ug/l #	36
25) 2-Butanone	6.726	43	58	2.599	ug/l #	41
29) Tetrahydrofuran	7.469	42	26	1.939	ug/l #	26
31) Cyclohexane	7.689	56	204	1.414	ug/l #	64
36) 1,1-Dichloropropene	7.707	75	762	5.277	ug/l #	42
37) Ethyl Acetate	6.726	43	58	1.015	ug/l #	67
38) Carbon Tetrachloride	7.713	117	862	4.898	ug/l #	13
41) Methacrylonitrile	7.250	41	47	1.364	ug/l #	15
59) 2-Hexanone	10.957	43	46	1.188	ug/l #	19
75) 1,1,2,2-Tetrachloroethane	12.676	83	23	1.144	ug/l #	26
76) 1,2,3-Trichloropropane	12.414	75	1572	105.544	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	1572	261.123	ug/l #	16

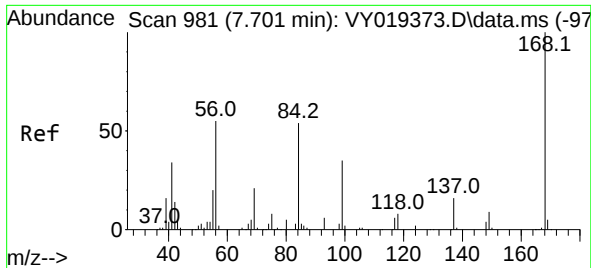
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
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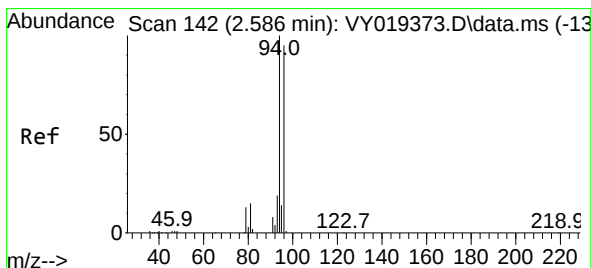
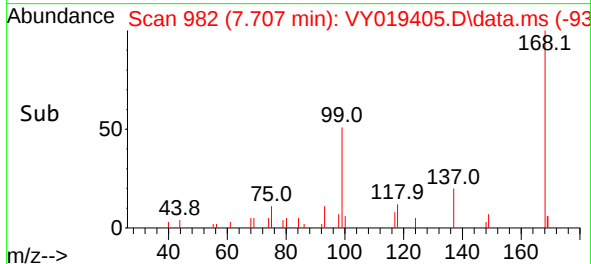
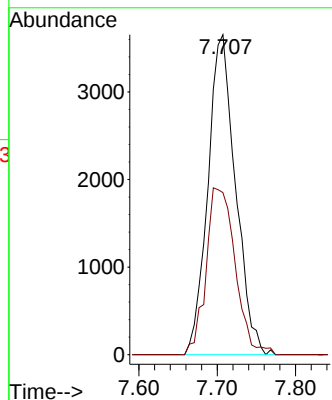
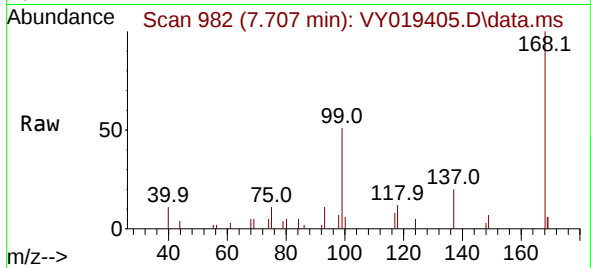




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019405.D
Acq: 30 Aug 2024 18:57

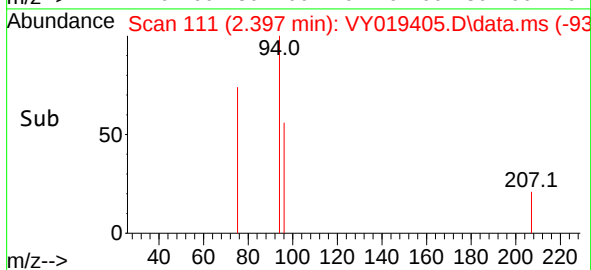
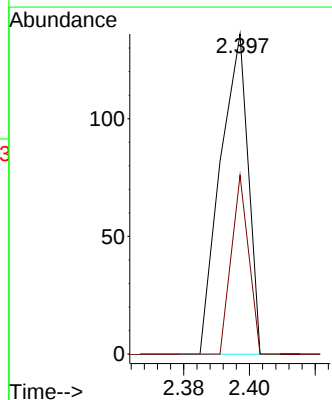
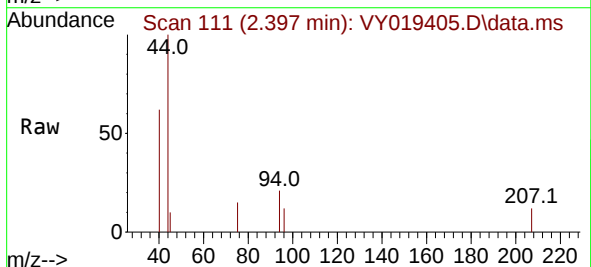
Instrument :
MSVOA_Y
ClientSampleId :

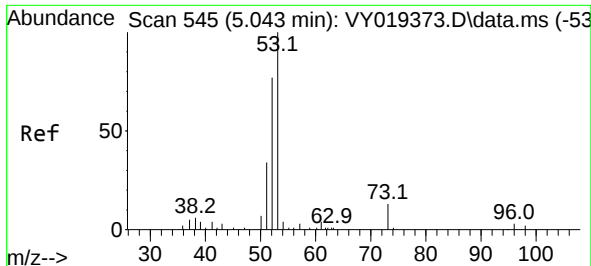
Tgt Ion:168 Resp: 8955
Ion Ratio Lower Upper
168 100
99 50.7 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.397 min Scan# 111
Delta R.T. -0.189 min
Lab File: VY019405.D
Acq: 30 Aug 2024 18:57

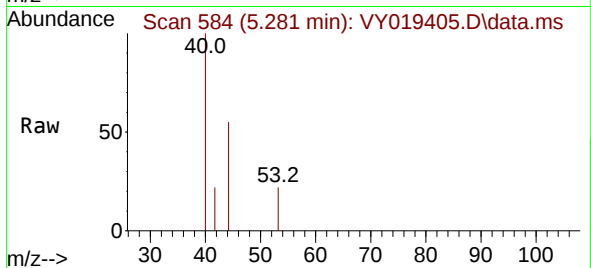
Tgt Ion: 94 Resp: 80
Ion Ratio Lower Upper
94 100
96 55.9 74.1 111.1#



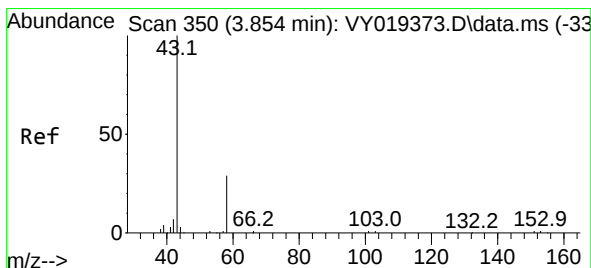
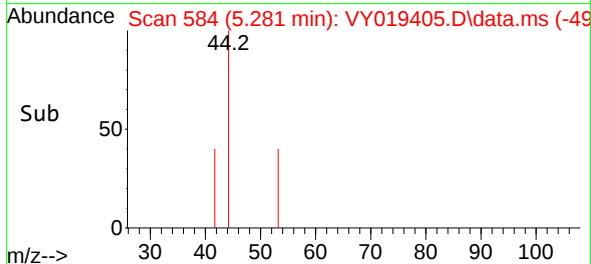
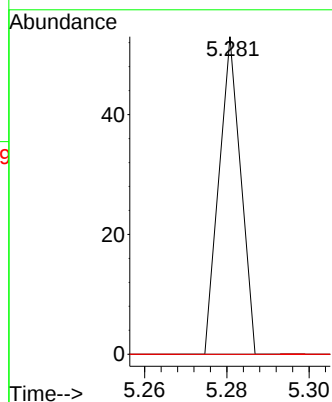


#15
Acrylonitrile
Concen: 1.221 ug/l
RT: 5.281 min Scan# 51
Delta R.T. 0.238 min
Lab File: VY019405.D
Acq: 30 Aug 2024 18:57

Instrument :
MSVOA_Y
ClientSampleId :

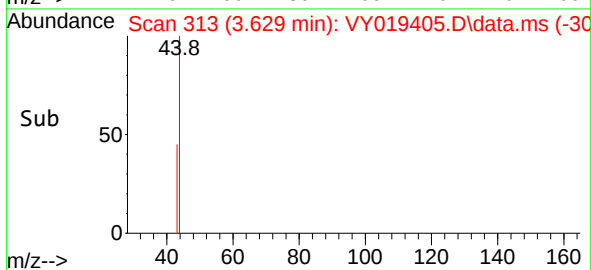
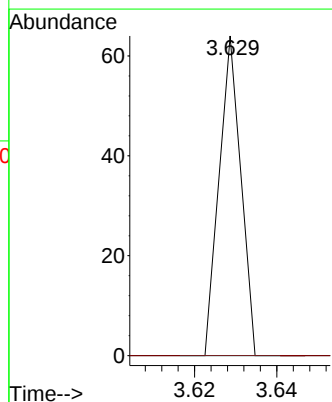
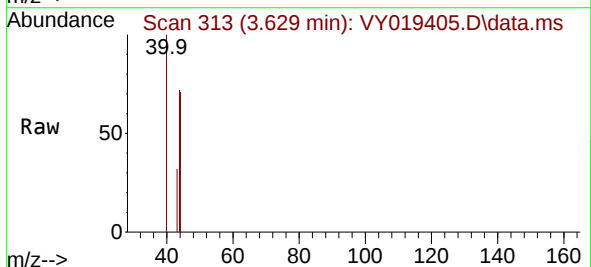


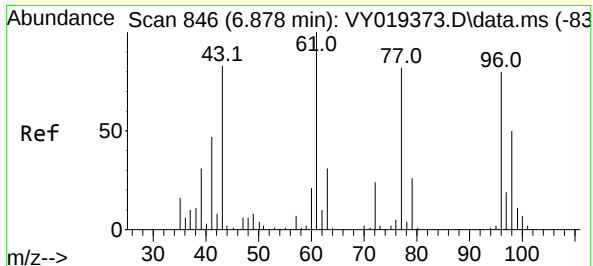
Tgt Ion: 53 Resp: 19
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 1.379 ug/l
RT: 3.629 min Scan# 313
Delta R.T. -0.226 min
Lab File: VY019405.D
Acq: 30 Aug 2024 18:57

Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#25

2-Butanone

Concen: 2.599 ug/l

RT: 6.726 min Scan# 81

Delta R.T. -0.153 min

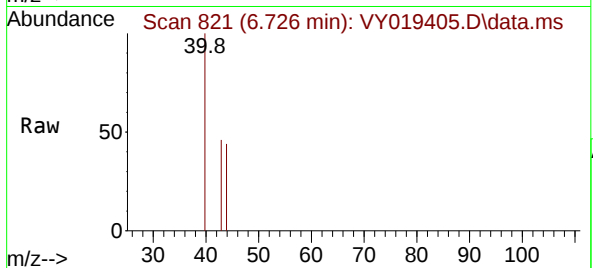
Lab File: VY019405.D

Acq: 30 Aug 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

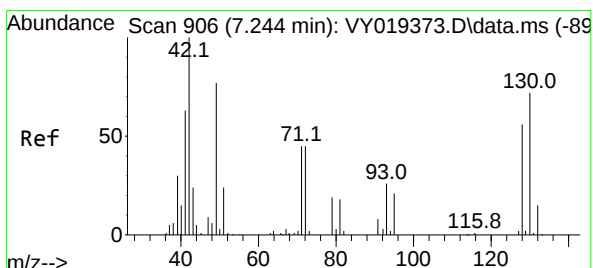
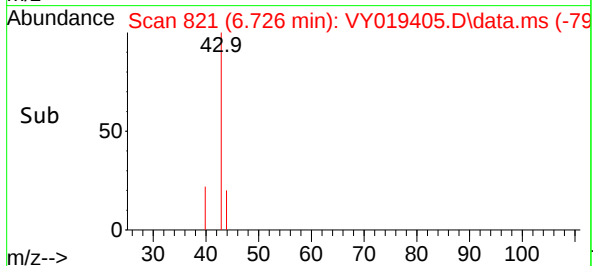
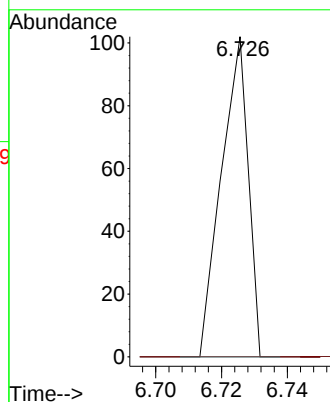


Tgt Ion: 43 Resp: 58

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#29

Tetrahydrofuran

Concen: 1.939 ug/l

RT: 7.469 min Scan# 943

Delta R.T. 0.225 min

Lab File: VY019405.D

Acq: 30 Aug 2024 18:57

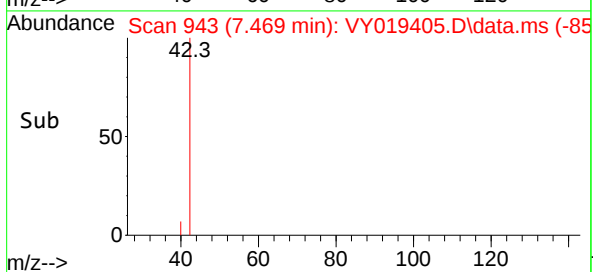
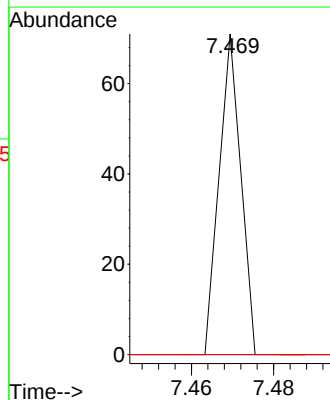
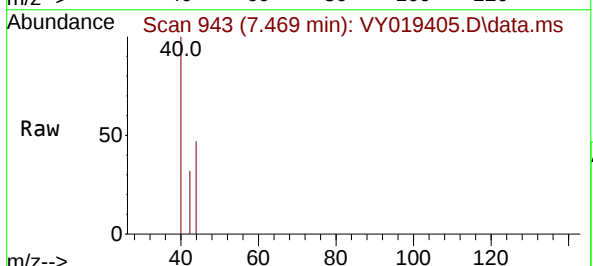
Tgt Ion: 42 Resp: 26

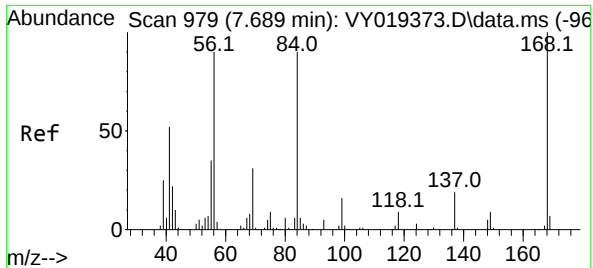
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

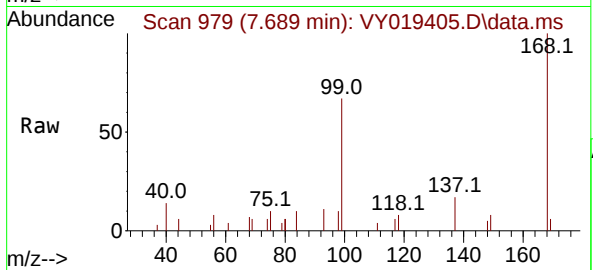
71 0.0 40.8 61.2#



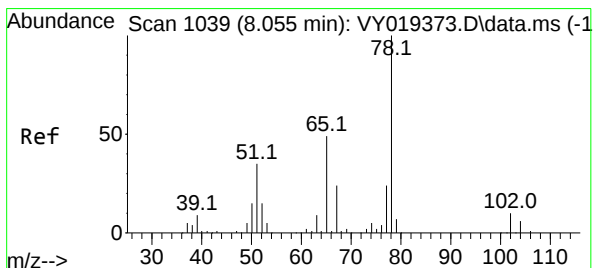
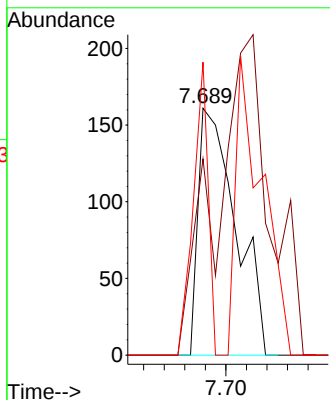
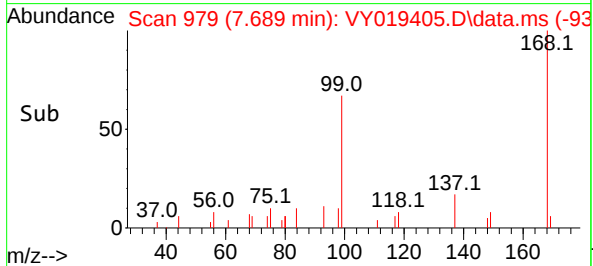


#31
Cyclohexane
Concen: 1.414 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019405.D
Acq: 30 Aug 2024 18:57

Instrument :
MSVOA_Y
ClientSampleId :

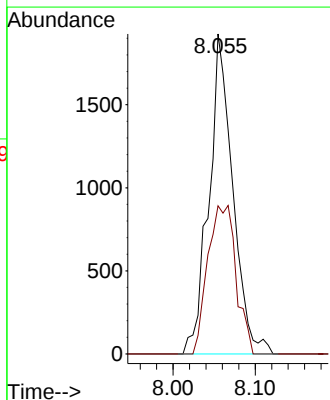
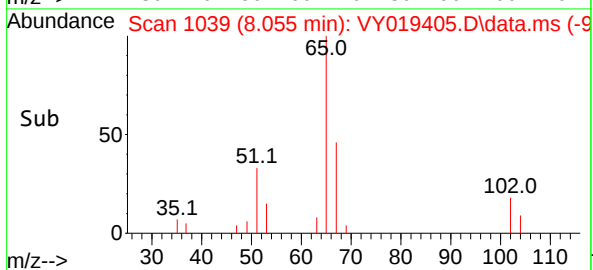
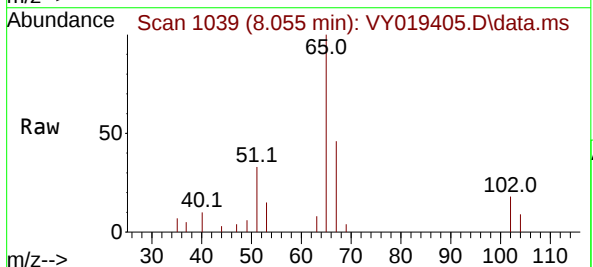


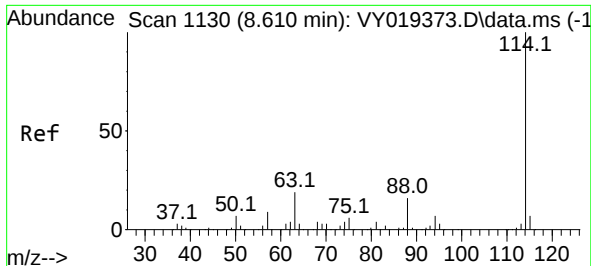
Tgt Ion: 56 Resp: 204
Ion Ratio Lower Upper
56 100
69 79.5 28.7 43.1#
84 118.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 45.862 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019405.D
Acq: 30 Aug 2024 18:57

Tgt Ion: 65 Resp: 3890
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY019405.D

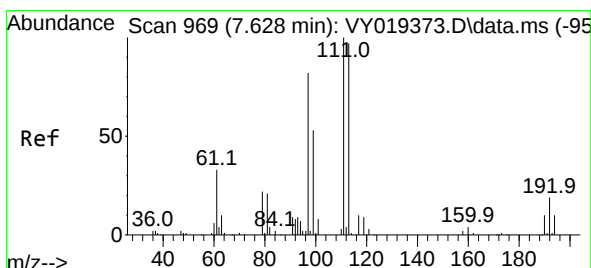
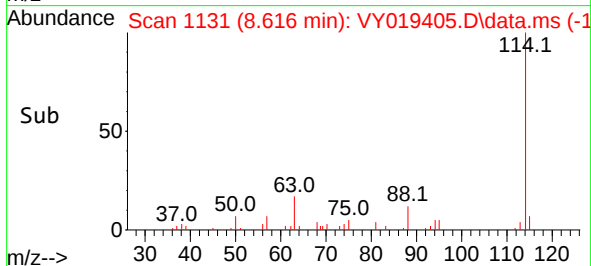
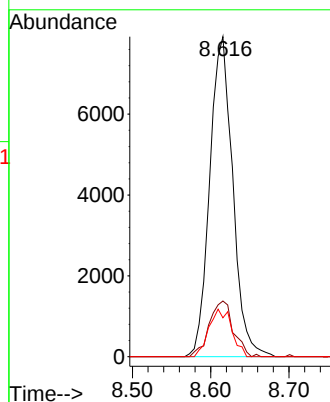
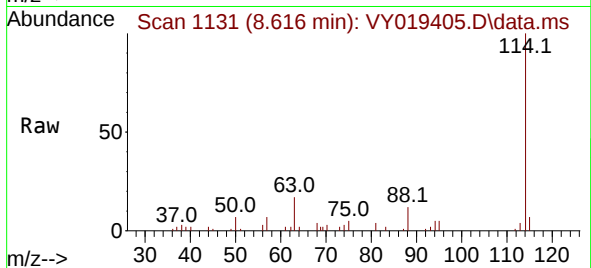
Acq: 30 Aug 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	16161
Ion Ratio	Lower	Upper
114	100	
63	17.4	0.0 35.0
88	12.1	0.0 27.2



#35

Dibromofluoromethane

Concen: 31.299 ug/l

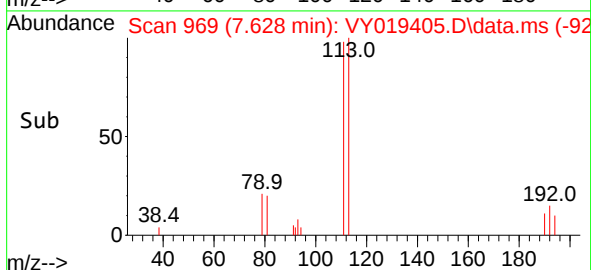
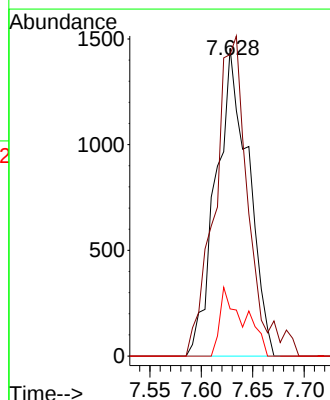
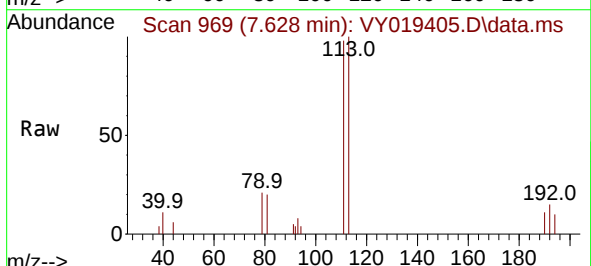
RT: 7.628 min Scan# 969

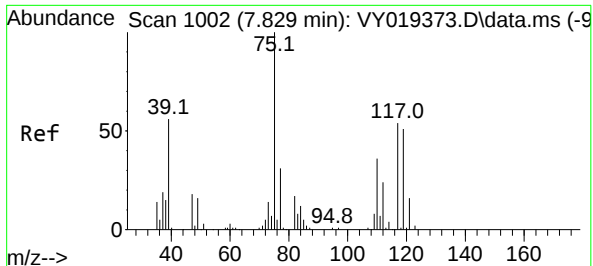
Delta R.T. -0.000 min

Lab File: VY019405.D

Acq: 30 Aug 2024 18:57

Tgt Ion:113	Resp:	3198
Ion Ratio	Lower	Upper
113	100	
111	107.1	82.2 123.4
192	16.7	15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.277 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.122 min

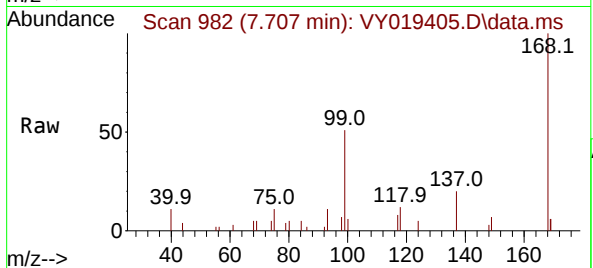
Lab File: VY019405.D

Acq: 30 Aug 2024 18:57

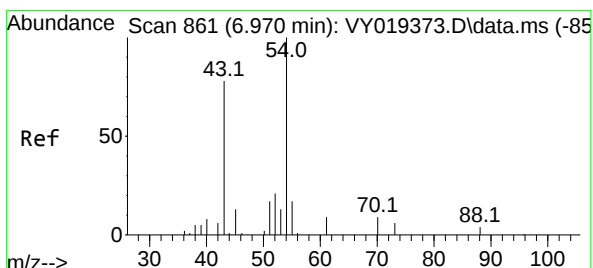
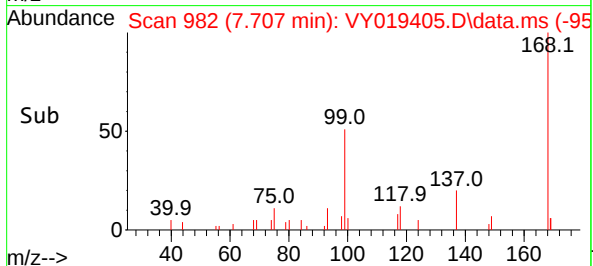
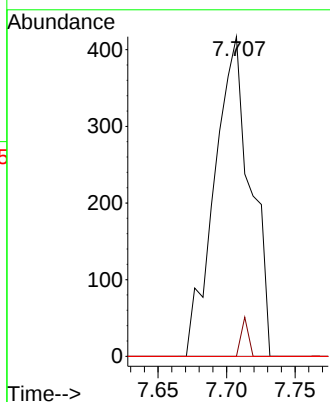
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 762
Ion Ratio	Lower Upper
75 100	
110 2.5	19.0 57.0#
77 0.0	25.3 37.9#



#37

Ethyl Acetate

Concen: 1.015 ug/l

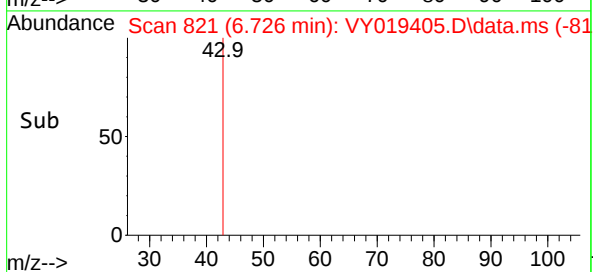
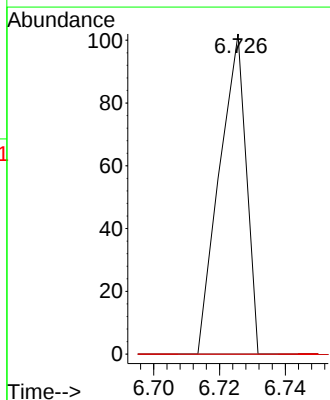
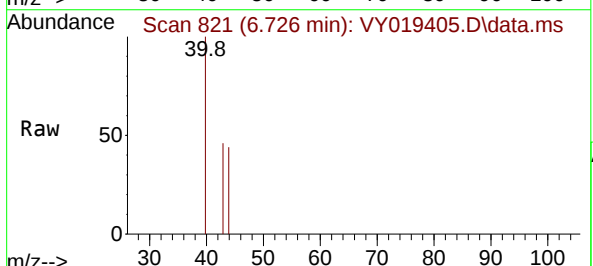
RT: 6.726 min Scan# 821

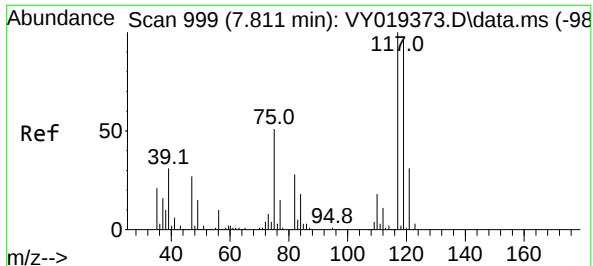
Delta R.T. -0.244 min

Lab File: VY019405.D

Acq: 30 Aug 2024 18:57

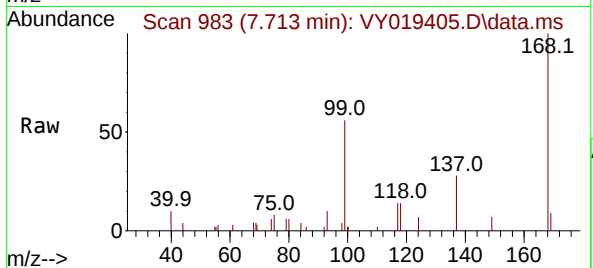
Tgt Ion: 43	Resp: 58
Ion Ratio	Lower Upper
43 100	
61 0.0	12.6 19.0#
70 0.0	7.8 11.8#



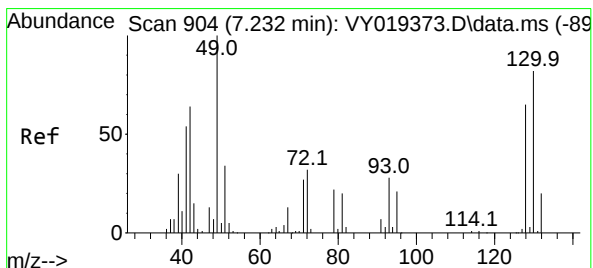
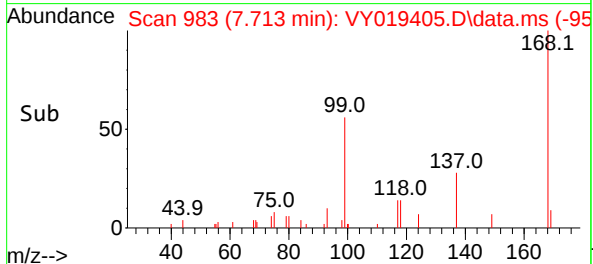
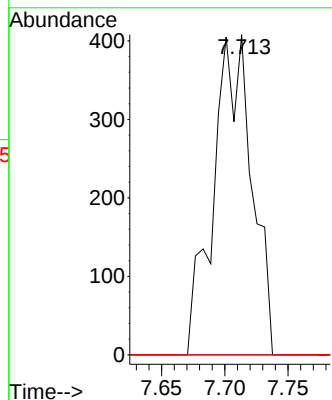


#38
Carbon Tetrachloride
Concen: 4.898 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY019405.D
Acq: 30 Aug 2024 18:57

Instrument :
MSVOA_Y
ClientSampleId :

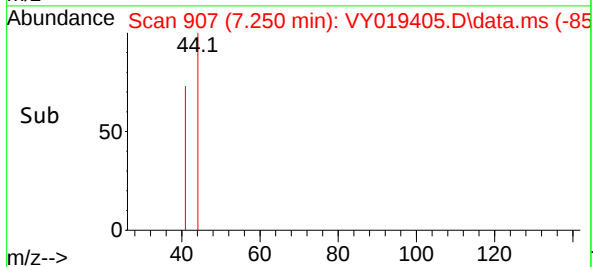
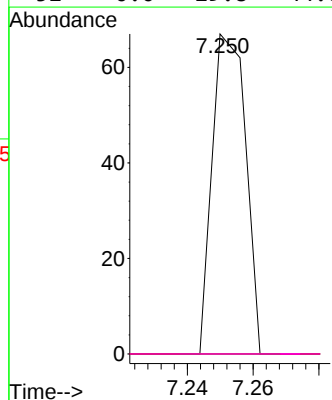
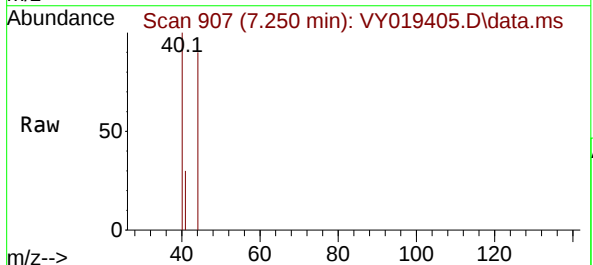


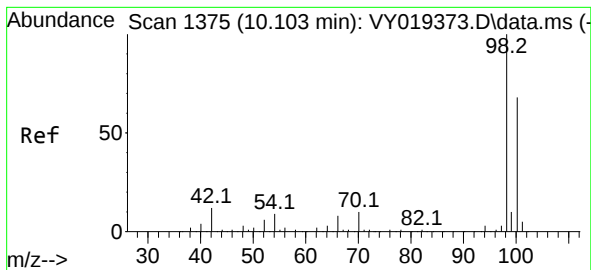
Tgt Ion:117 Resp: 862
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#41
Methacrylonitrile
Concen: 1.364 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.018 min
Lab File: VY019405.D
Acq: 30 Aug 2024 18:57

Tgt Ion: 41 Resp: 47
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#





#50

Toluene-d8

Concen: 42.512 ug/l

RT: 10.109 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019405.D

Acq: 30 Aug 2024 18:57

Instrument :

MSVOA_Y

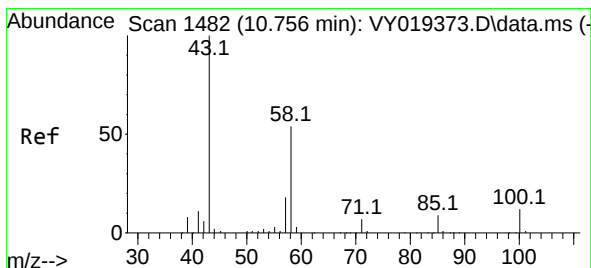
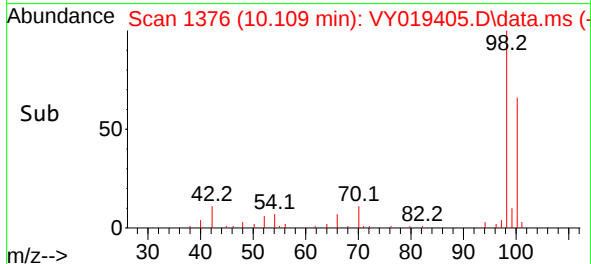
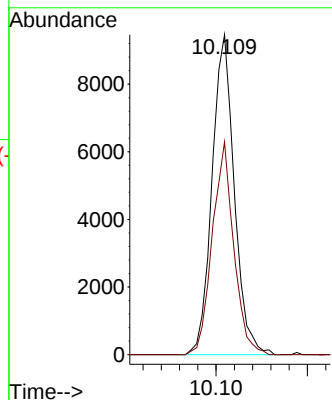
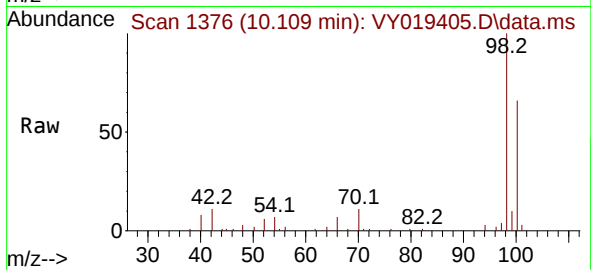
ClientSampleId :

Tgt Ion: 98 Resp: 15990

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#59

2-Hexanone

Concen: 1.188 ug/l

RT: 10.957 min Scan# 1515

Delta R.T. 0.201 min

Lab File: VY019405.D

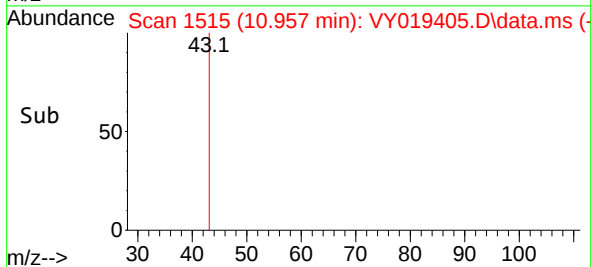
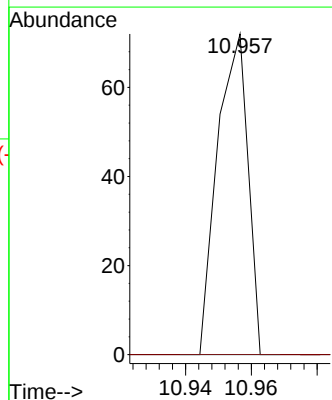
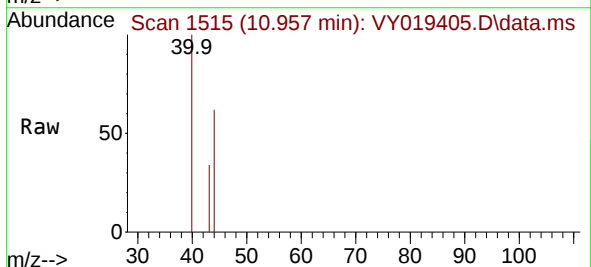
Acq: 30 Aug 2024 18:57

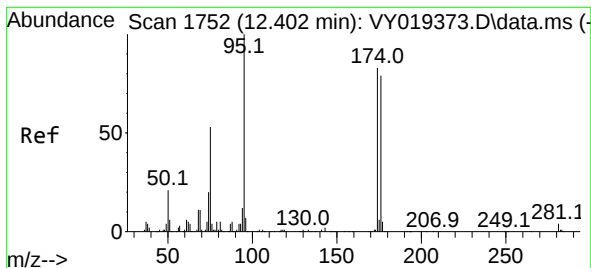
Tgt Ion: 43 Resp: 46

Ion Ratio Lower Upper

43 100

58 0.0 31.4 94.0#

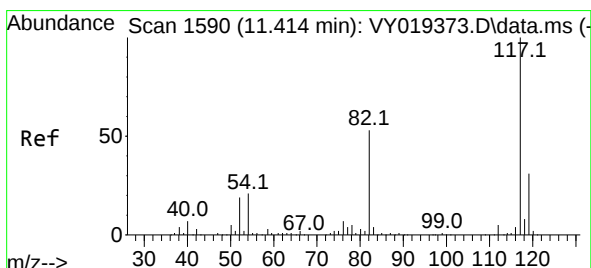
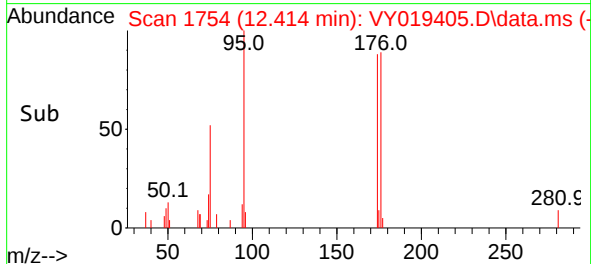
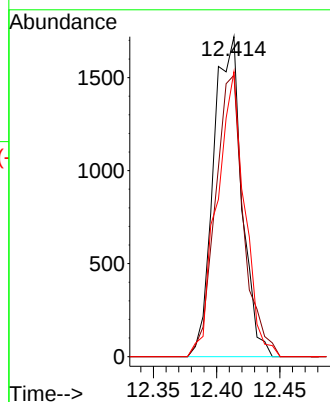
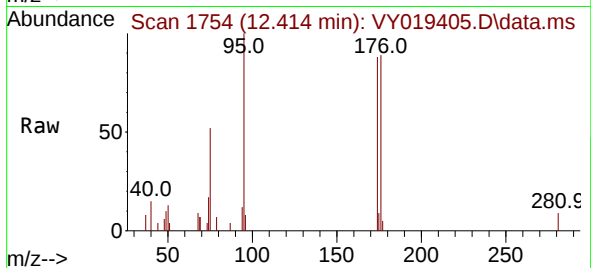




#62
4-Bromofluorobenzene
Concen: 21.989 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.012 min
Lab File: VY019405.D
Acq: 30 Aug 2024 18:57

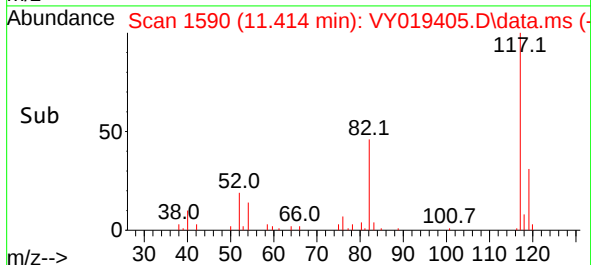
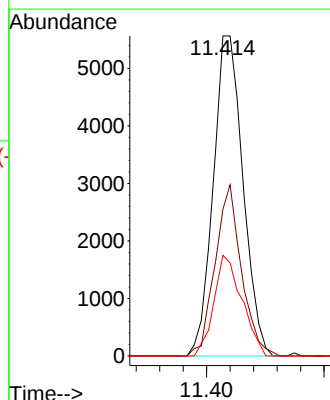
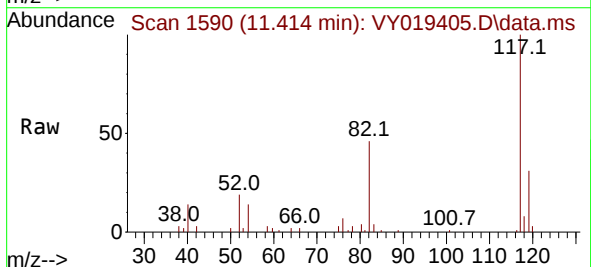
Instrument :
MSVOA_Y
ClientSampleId :

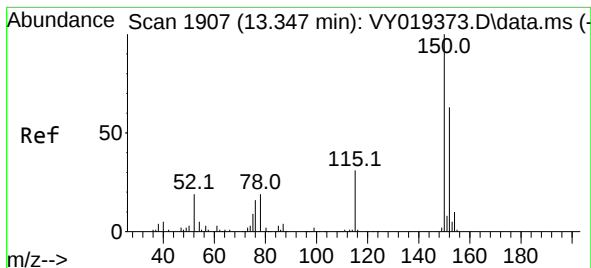
Tgt Ion: 95	Resp: 2675
Ion Ratio	Lower Upper
95 100	
174 87.9	0.0 175.6
176 87.4	0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY019405.D
Acq: 30 Aug 2024 18:57

Tgt Ion:117	Resp:	9780	
Ion	Ratio	Lower	Upper
117	100		
82	45.8	42.4	63.6
119	31.5	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019405.D

Acq: 30 Aug 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :

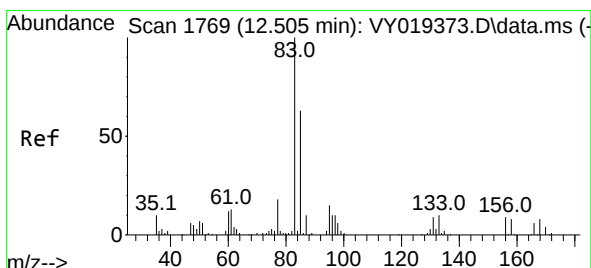
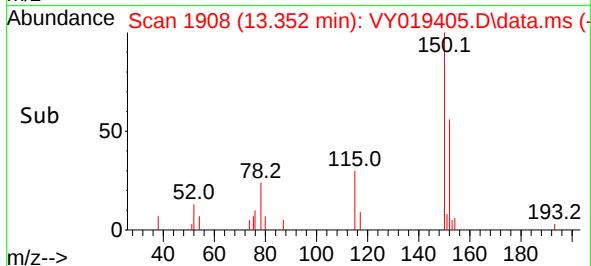
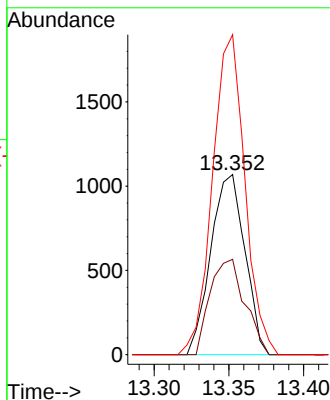
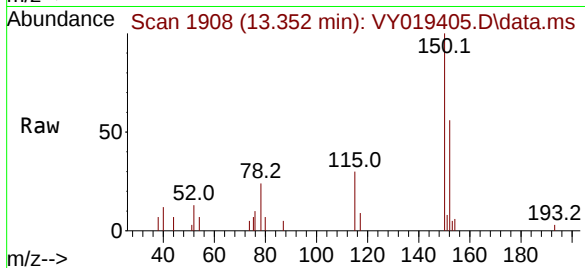
Tgt Ion:152 Resp: 1696

Ion Ratio Lower Upper

152 100

115 54.1 28.2 84.7

150 168.4 0.0 345.6



#75

1,1,2,2-Tetrachloroethane

Concen: 1.144 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. 0.171 min

Lab File: VY019405.D

Acq: 30 Aug 2024 18:57

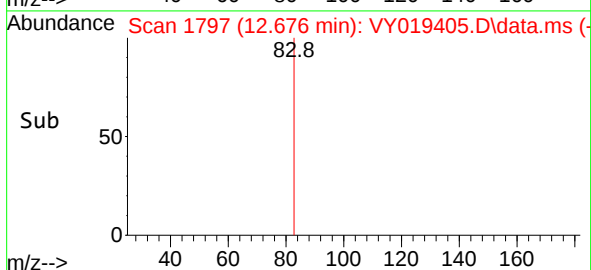
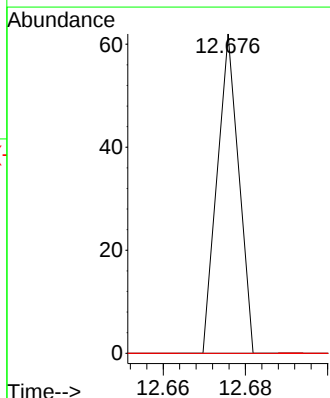
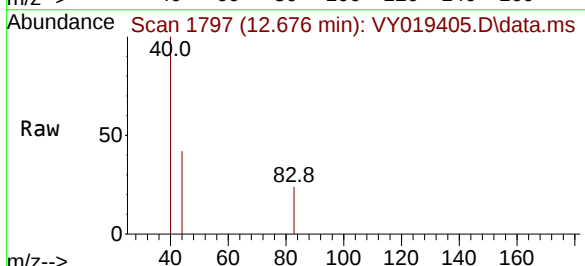
Tgt Ion: 83 Resp: 23

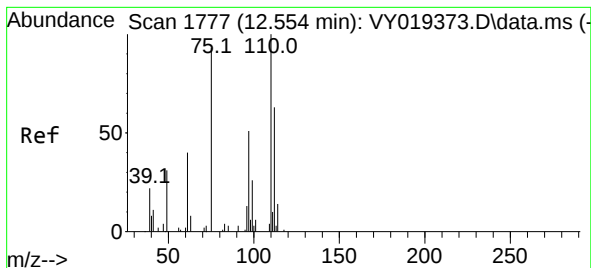
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 105.544 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.140 min

Lab File: VY019405.D

Acq: 30 Aug 2024 18:57

Instrument :

MSVOA_Y

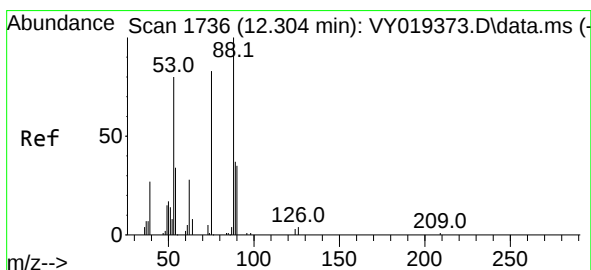
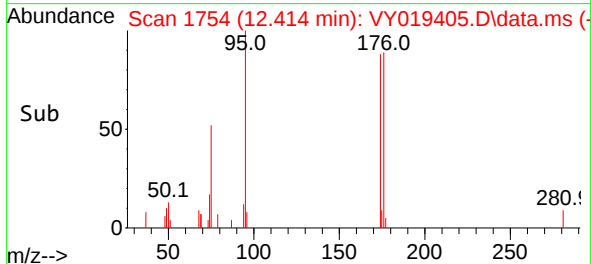
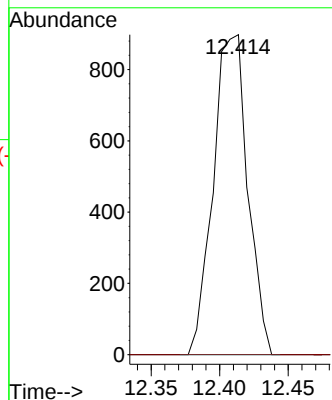
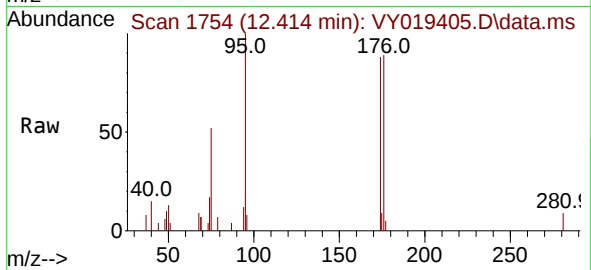
ClientSampleId :

Tgt Ion: 75 Resp: 1572

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 261.123 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.110 min

Lab File: VY019405.D

Acq: 30 Aug 2024 18:57

Tgt Ion: 75 Resp: 1572

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

