

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020185.D
 Acq On : 06 Nov 2024 16:40
 Operator : SY/MD
 Sample : P4700-03
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 00:28:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

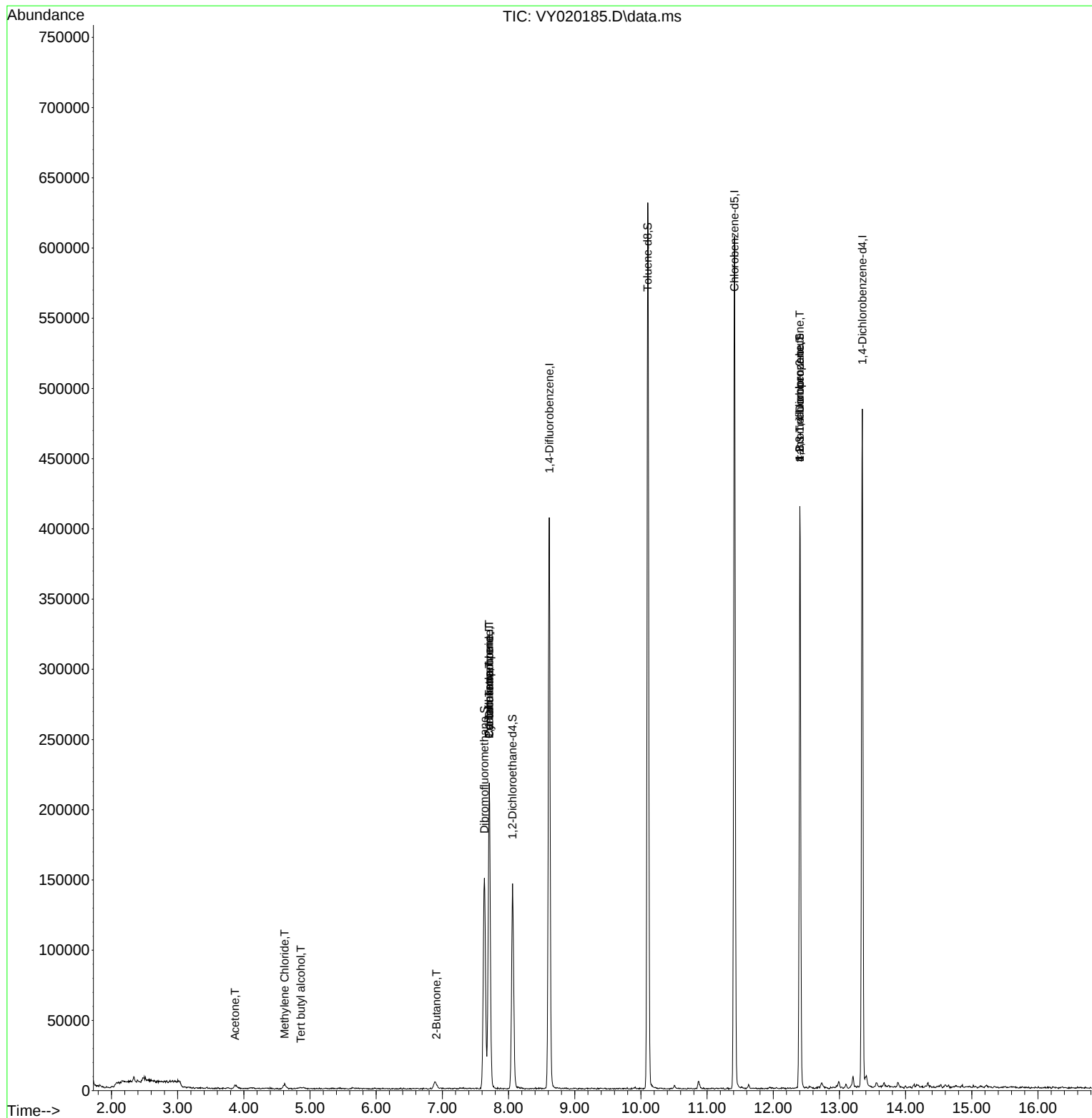
Internal Standards						
1) Pentafluorobenzene	7.707	168	145746	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	313503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	290435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110590	60.797	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.600%	
35) Dibromofluoromethane	7.634	113	103857	52.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.200%	
50) Toluene-d8	10.103	98	394528	49.726	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.460%	
62) 4-Bromofluorobenzene	12.402	95	119427	46.342	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 92.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	556	4.249	ug/l	99
16) Acetone	3.866	43	4777	11.293	ug/l	88
20) Methylene Chloride	4.616	84	2126	1.119	ug/l #	81
25) 2-Butanone	6.909	43	1141	1.990	ug/l #	41
31) Cyclohexane	7.707	56	4760	1.442	ug/l #	38
36) 1,1-Dichloropropene	7.707	75	14617	4.747	ug/l #	48
38) Carbon Tetrachloride	7.707	117	16025	5.176	ug/l #	18
76) 1,2,3-Trichloropropane	12.402	75	70005	69.994	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	70005	150.554	ug/l #	16

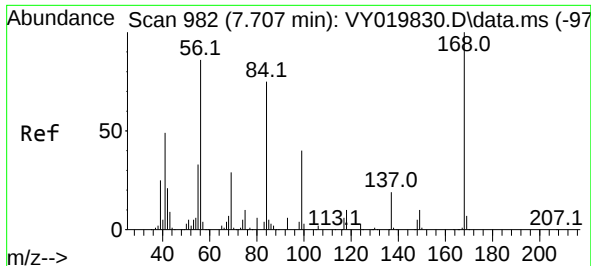
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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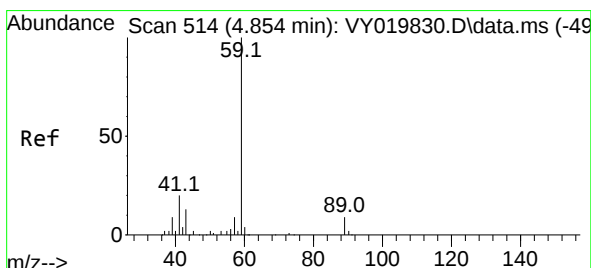
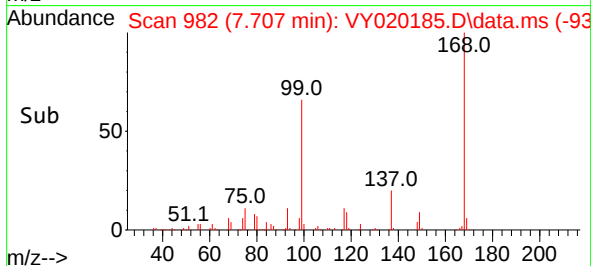
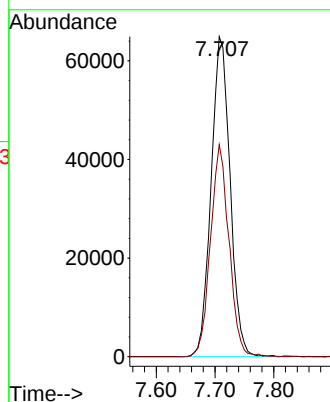
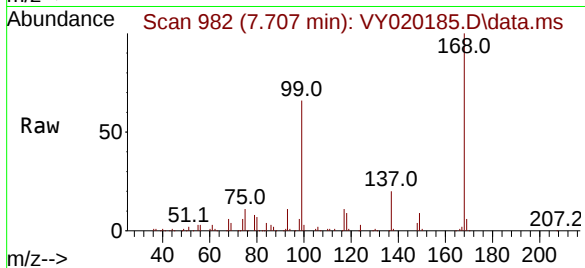




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020185.D
Acq: 06 Nov 2024 16:40

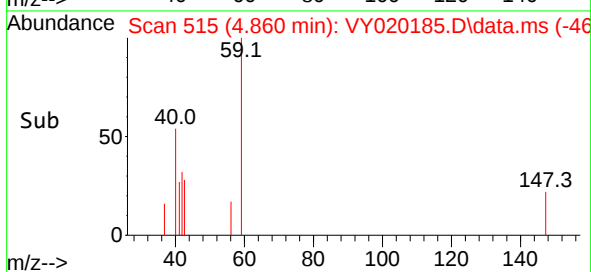
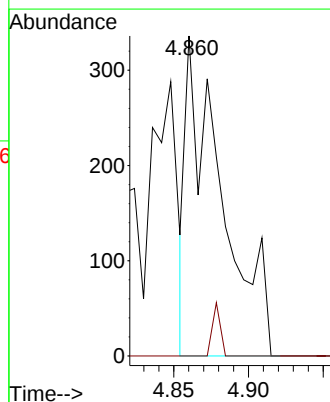
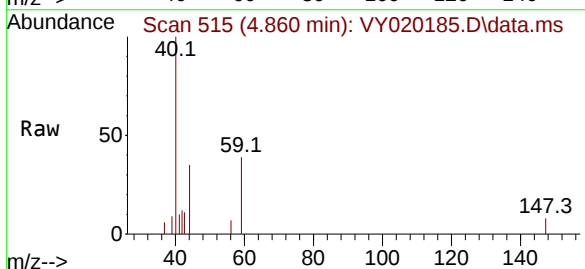
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 145746
Ion Ratio Lower Upper
168 100
99 66.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: 4.249 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY020185.D
Acq: 06 Nov 2024 16:40

Tgt Ion: 59 Resp: 556
Ion Ratio Lower Upper
59 100
57 3.6 3.0 4.6

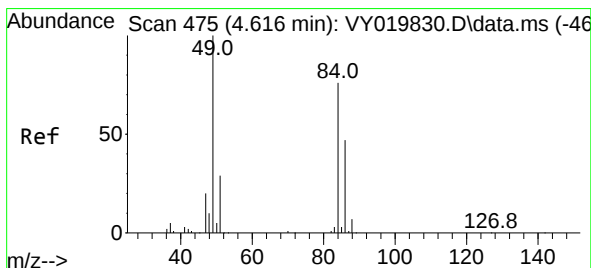
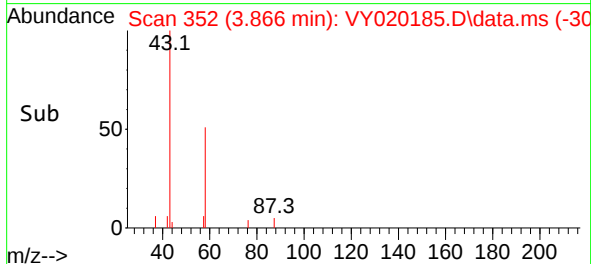
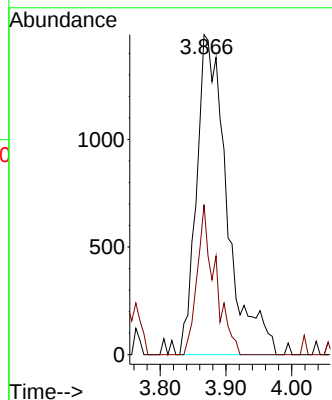
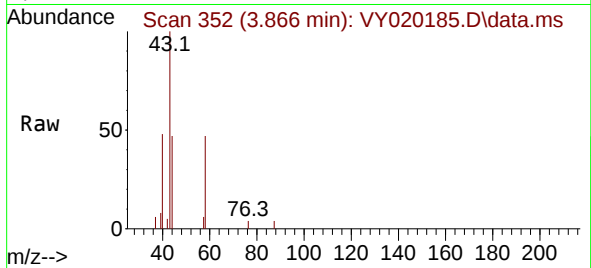




#16
Acetone
Concen: 11.293 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY020185.D
Acq: 06 Nov 2024 16:40

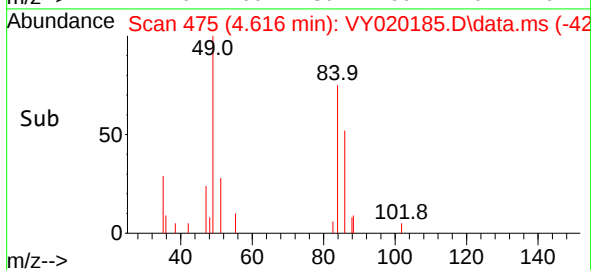
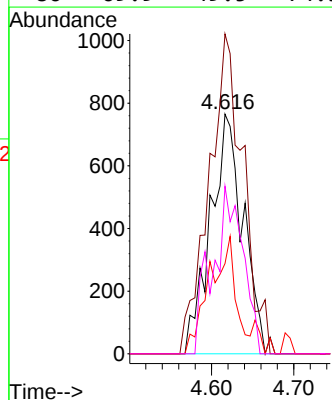
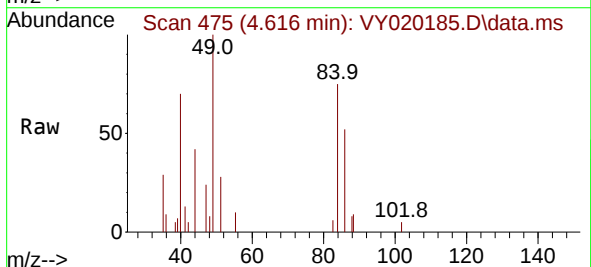
Instrument :
MSVOA_Y
ClientSampleId :

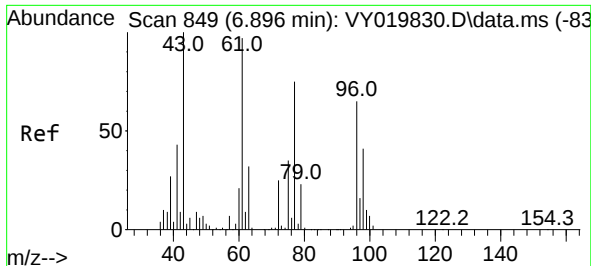
Tgt Ion: 43 Resp: 4777
Ion Ratio Lower Upper
43 100
58 46.9 31.7 47.5



#20
Methylene Chloride
Concen: 1.119 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020185.D
Acq: 06 Nov 2024 16:40

Tgt Ion: 84 Resp: 2126
Ion Ratio Lower Upper
84 100
49 133.5 84.4 126.6#
51 37.6 26.0 39.0
86 69.9 49.5 74.3





#25

2-Butanone

Concen: 1.990 ug/l

RT: 6.909 min Scan# 81

Delta R.T. 0.019 min

Lab File: VY020185.D

Acq: 06 Nov 2024 16:40

Instrument :

MSVOA_Y

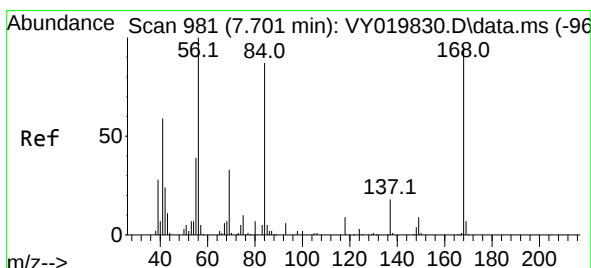
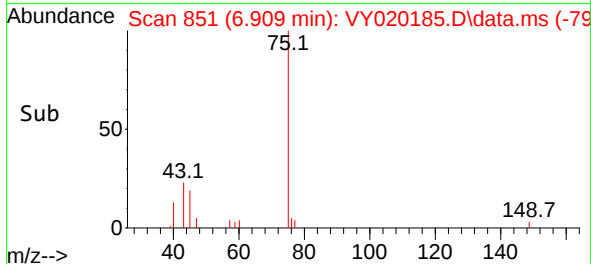
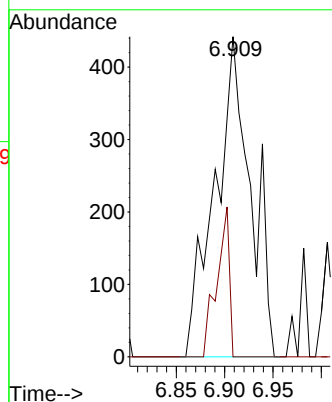
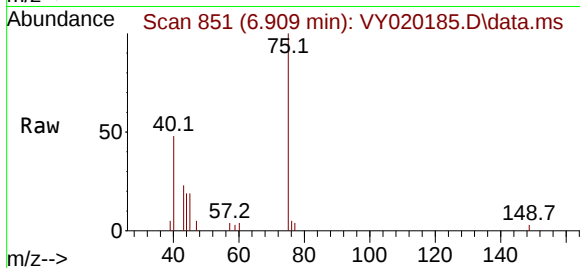
ClientSampleId :

Tgt Ion: 43 Resp: 1141

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.442 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020185.D

Acq: 06 Nov 2024 16:40

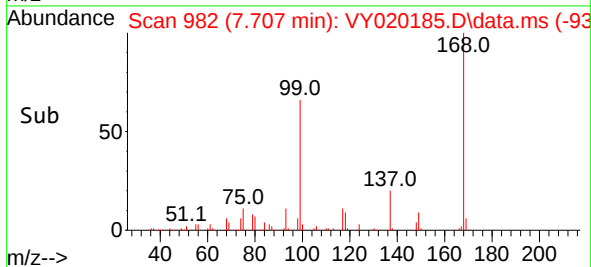
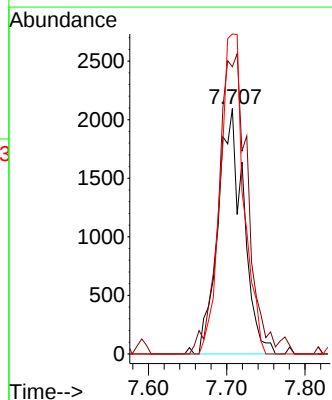
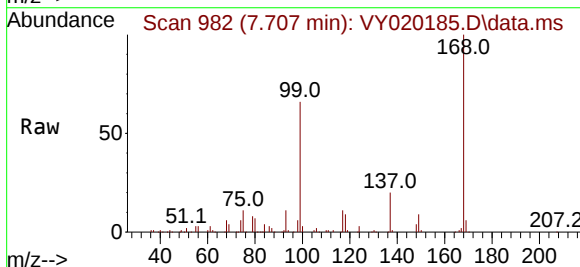
Tgt Ion: 56 Resp: 4760

Ion Ratio Lower Upper

56 100

69 117.0 28.7 43.1#

84 130.3 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 60.797 ug/l

RT: 8.061 min Scan# 110590

Delta R.T. 0.000 min

Lab File: VY020185.D

Acq: 06 Nov 2024 16:40

Instrument :

MSVOA_Y

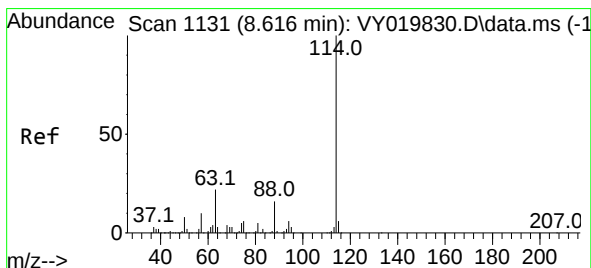
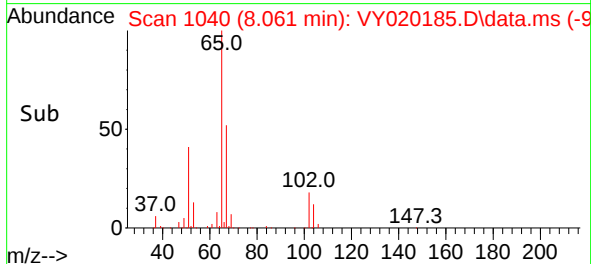
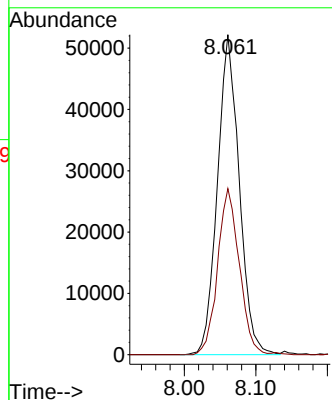
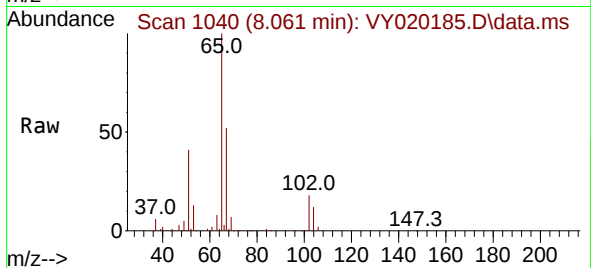
ClientSampleId :

Tgt Ion: 65 Resp: 110590

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020185.D

Acq: 06 Nov 2024 16:40

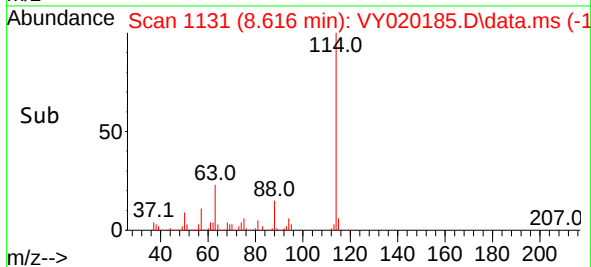
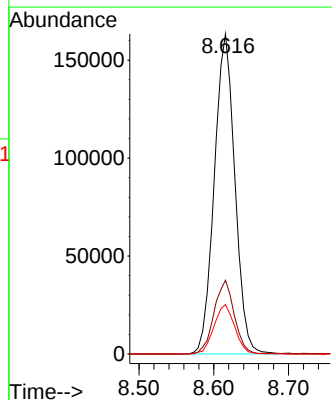
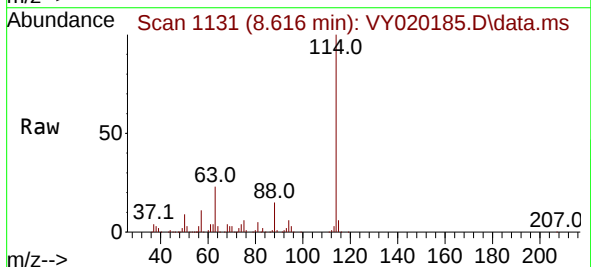
Tgt Ion: 114 Resp: 313503

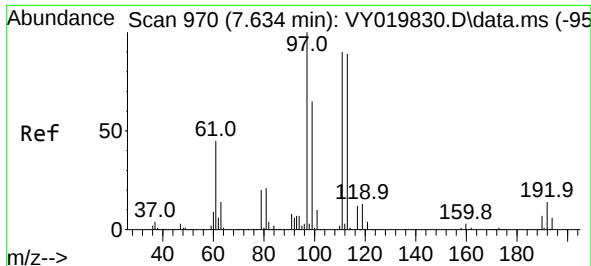
Ion Ratio Lower Upper

114 100

63 23.1 0.0 35.0

88 15.5 0.0 27.2

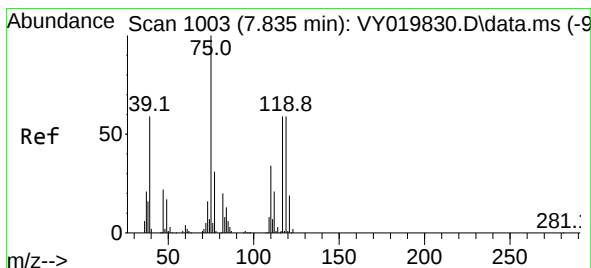
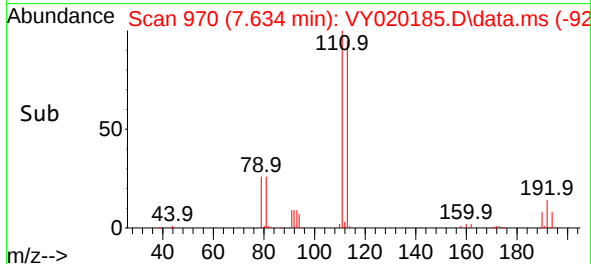
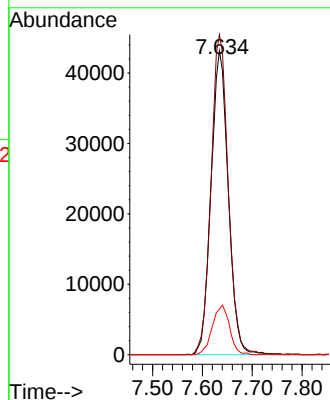
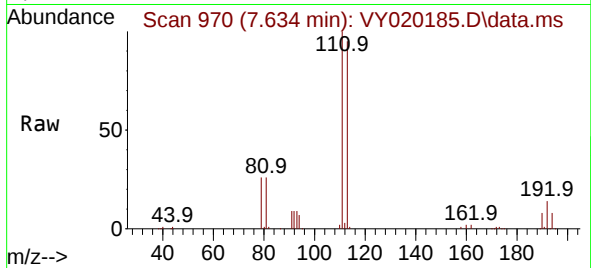




#35
Dibromofluoromethane
Concen: 52.105 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020185.D
Acq: 06 Nov 2024 16:40

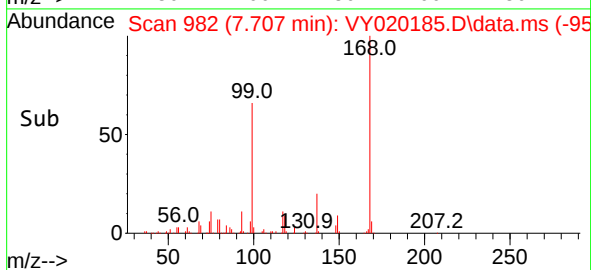
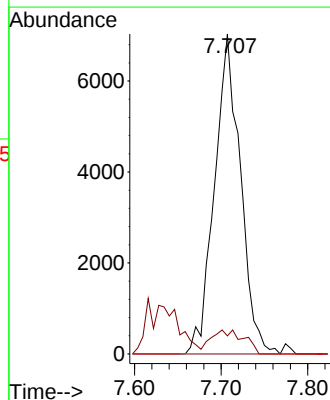
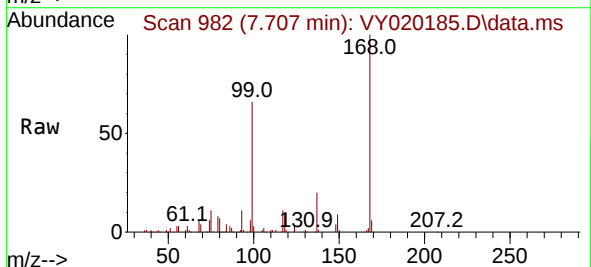
Instrument :
MSVOA_Y
ClientSampleId :

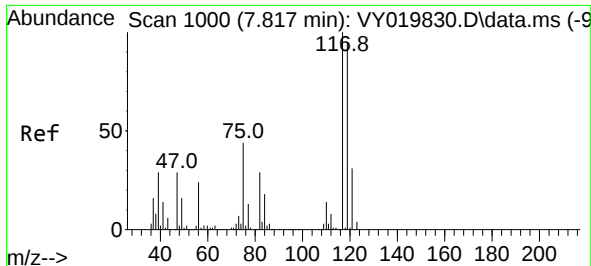
Tgt Ion:113 Resp: 103857
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 16.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.747 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020185.D
Acq: 06 Nov 2024 16:40

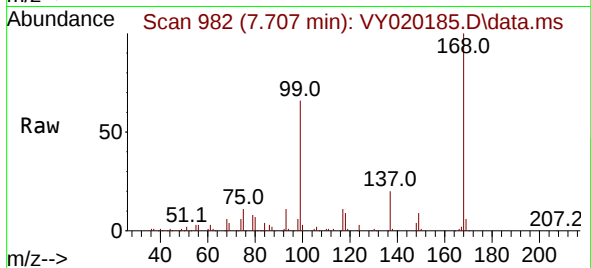
Tgt Ion: 75 Resp: 14617
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.0 25.3 37.9#



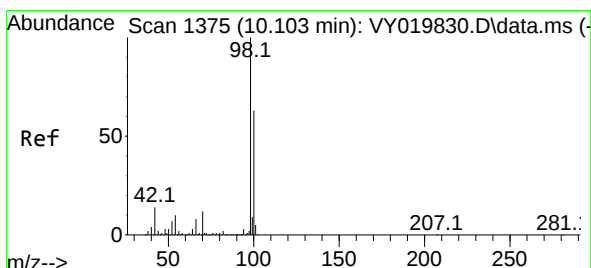
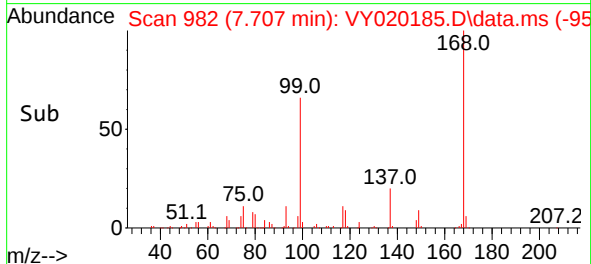
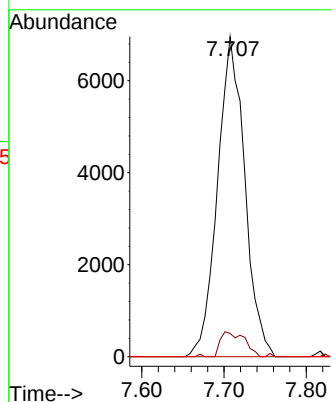


#38
Carbon Tetrachloride
Concen: 5.176 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020185.D
Acq: 06 Nov 2024 16:40

Instrument :
MSVOA_Y
ClientSampleId :

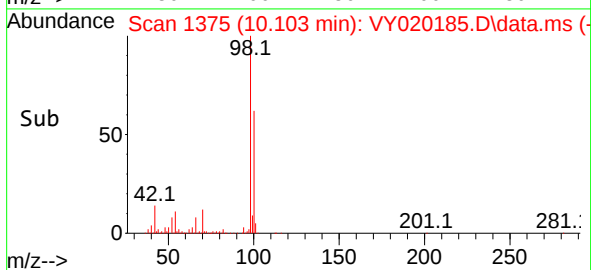
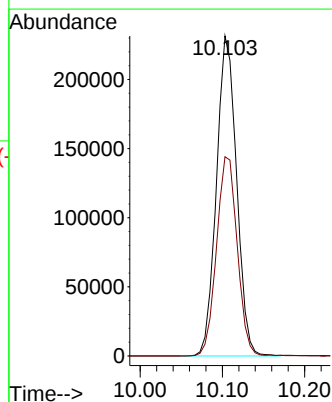
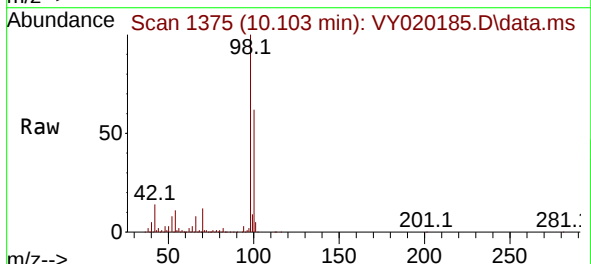


Tgt Ion:117 Resp: 16025
Ion Ratio Lower Upper
117 100
119 7.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.726 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY020185.D
Acq: 06 Nov 2024 16:40

Tgt Ion: 98 Resp: 394528
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

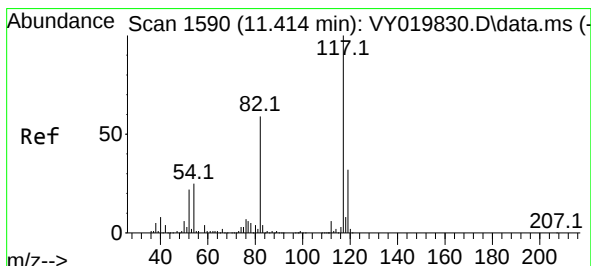
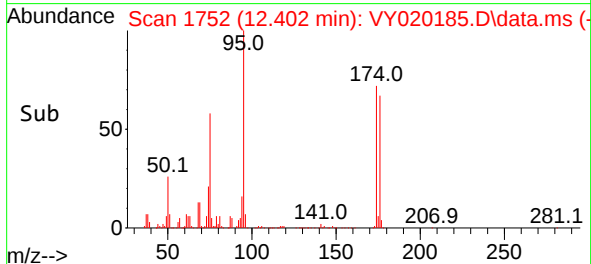
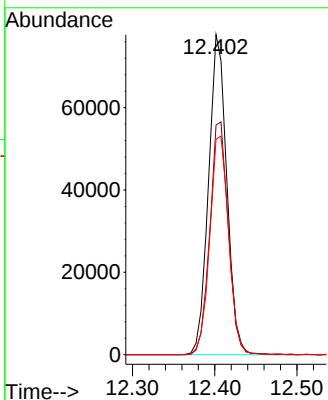
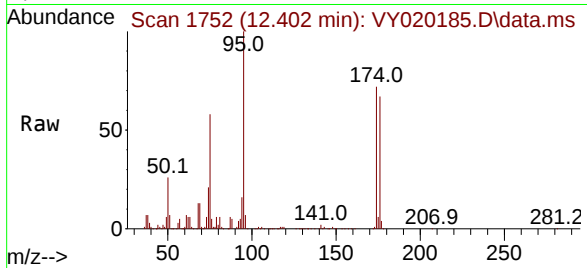




#62
4-Bromofluorobenzene
Concen: 46.342 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020185.D
Acq: 06 Nov 2024 16:40

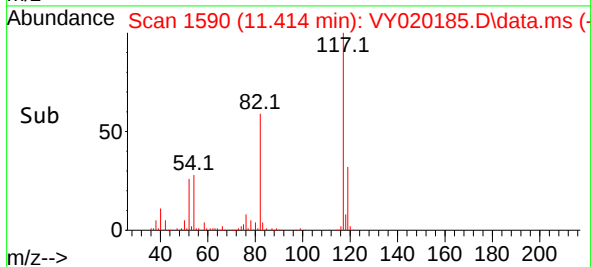
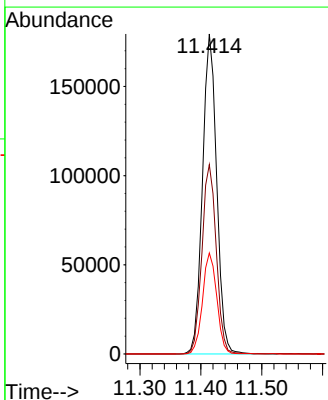
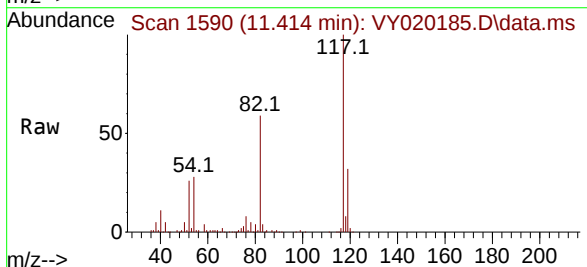
Instrument :
MSVOA_Y
ClientSampleId :

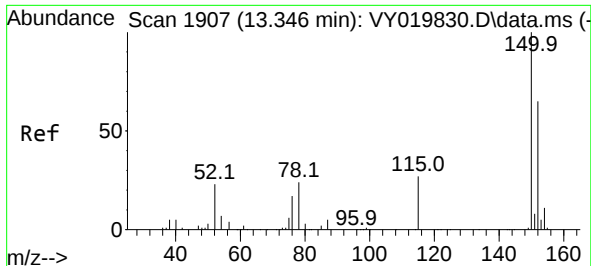
Tgt Ion: 95 Resp: 119427
Ion Ratio Lower Upper
95 100
174 74.2 0.0 175.6
176 70.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020185.D
Acq: 06 Nov 2024 16:40

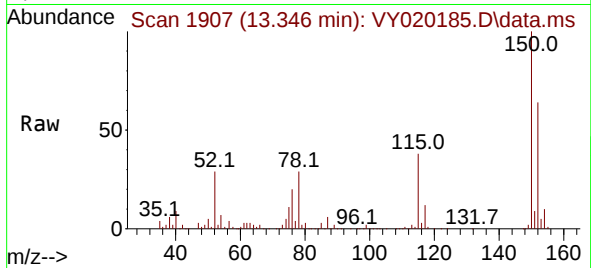
Tgt Ion: 117 Resp: 290435
Ion Ratio Lower Upper
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82 59.2 42.4 63.6
119 31.6 25.9 38.9



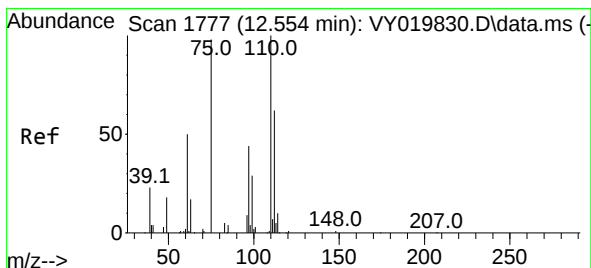
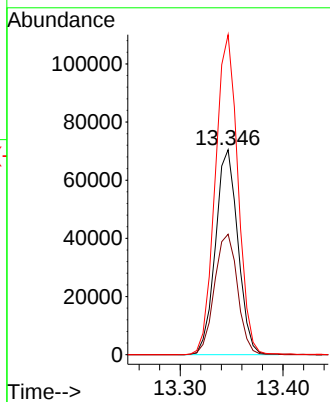
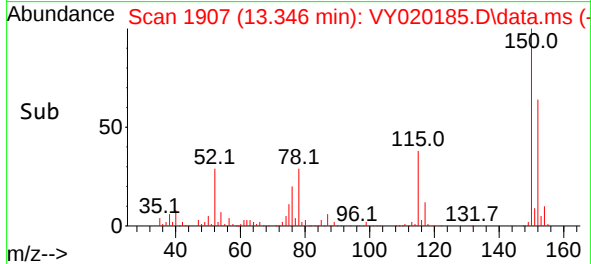


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020185.D
Acq: 06 Nov 2024 16:40

Instrument :
MSVOA_Y
ClientSampleId :

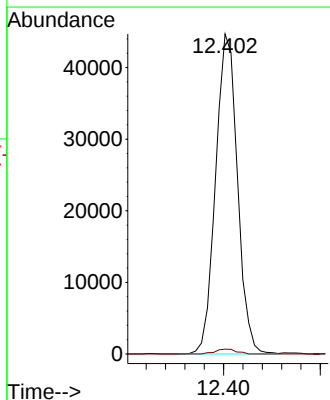
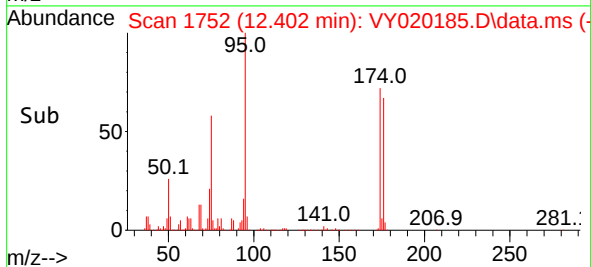
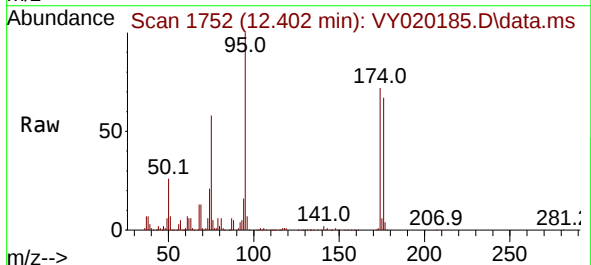


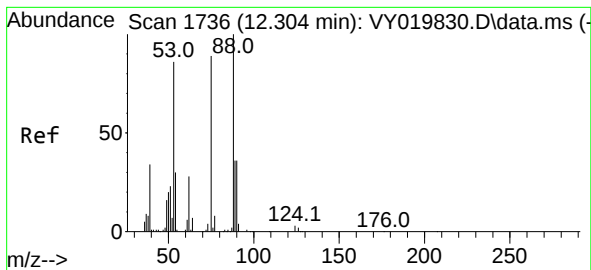
Tgt Ion:152 Resp: 106696
Ion Ratio Lower Upper
152 100
115 60.7 28.2 84.7
150 157.7 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 69.994 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020185.D
Acq: 06 Nov 2024 16:40

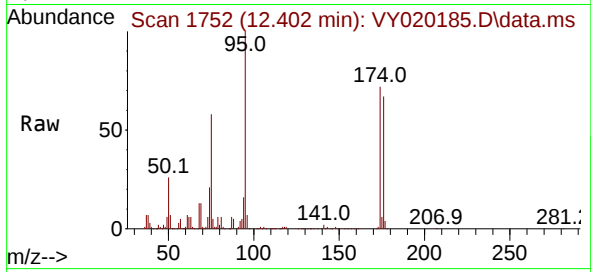
Tgt Ion: 75 Resp: 70005
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 150.554 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY020185.D
Acq: 06 Nov 2024 16:40

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	66.8	100.2#
89	0.0	35.8	53.6#

