

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020483.D
 Acq On : 02 Dec 2024 14:24
 Operator : SY/MD
 Sample : P5019-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-11262024

Quant Time: Dec 02 14:56:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:47:59 2024
 Response via : Initial Calibration

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

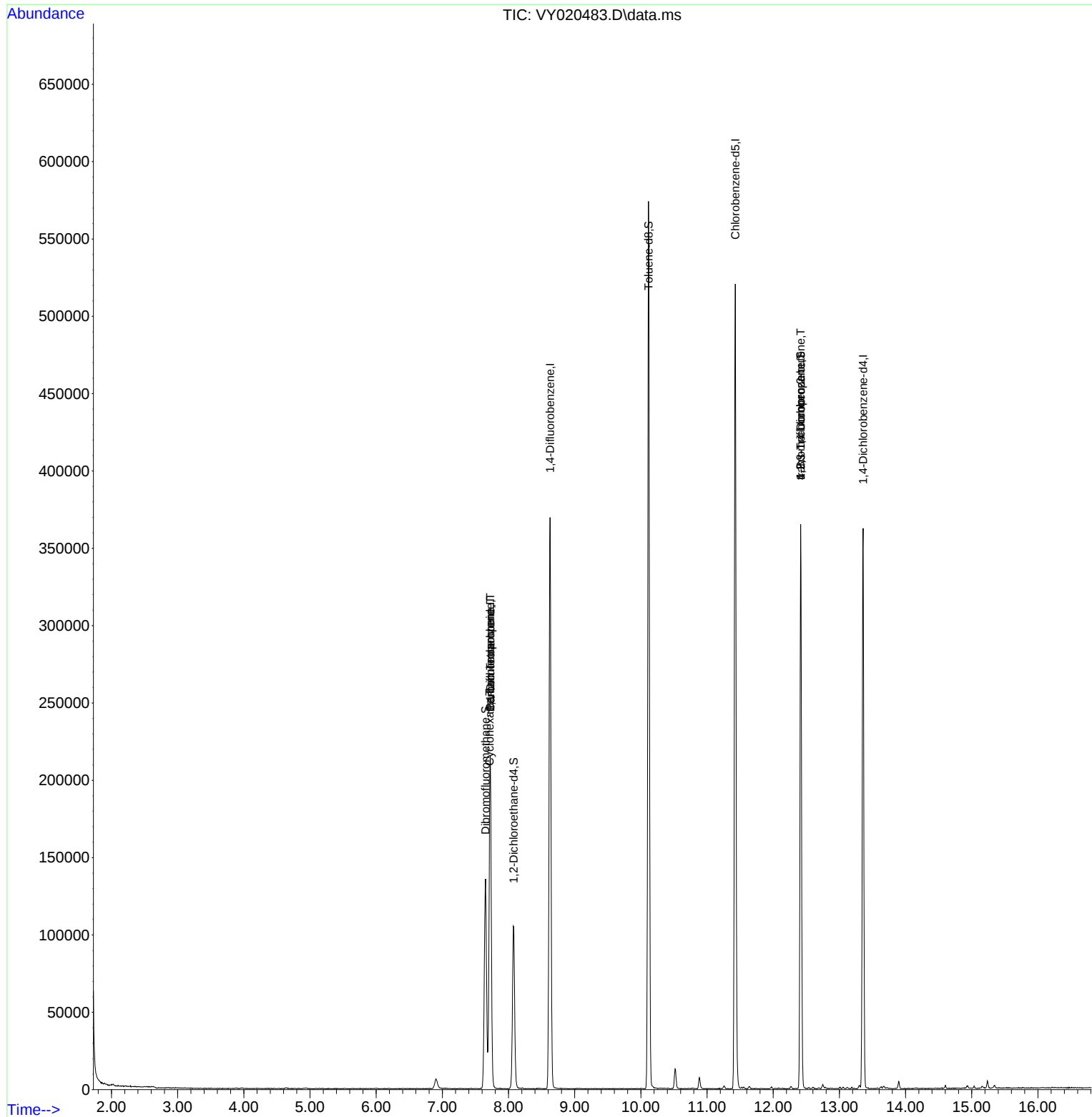
Internal Standards						
1) Pentafluorobenzene	7.725	168	162317	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.628	114	306523	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	273928	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.359	152	92336	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	88044	53.334	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.660%	
35) Dibromofluoromethane	7.652	113	94524	48.984	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.960%	
50) Toluene-d8	10.115	98	369563	50.294	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.414	95	109415	42.575	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.160%	
Target Compounds						Qvalue
31) Cyclohexane	7.713	56	3572	1.098	ug/l #	1
36) 1,1-Dichloropropene	7.725	75	13393	4.110	ug/l #	50
38) Carbon Tetrachloride	7.725	117	17926	4.609	ug/l #	16
76) 1,2,3-Trichloropropane	12.414	75	59970	63.756	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	59970	130.818	ug/l #	9

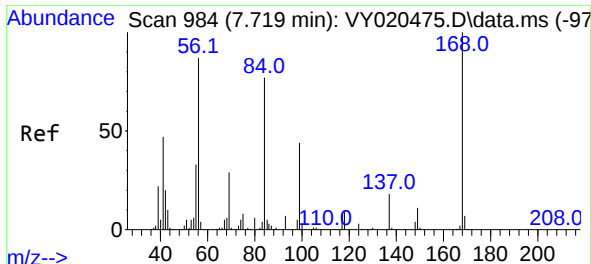
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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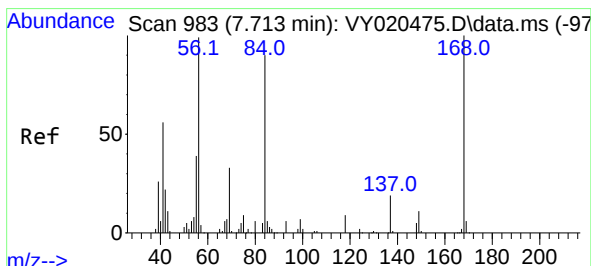
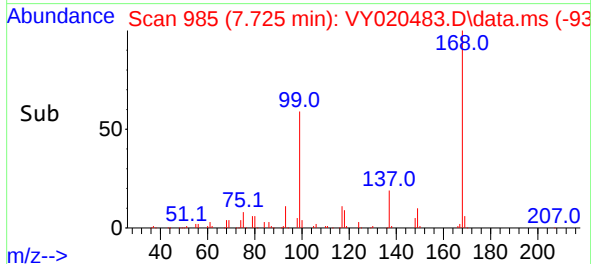
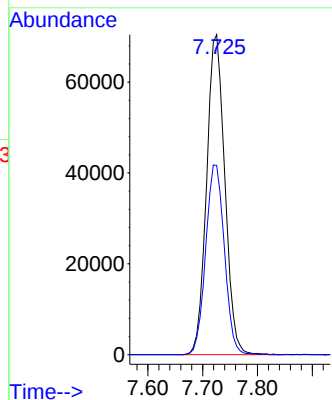
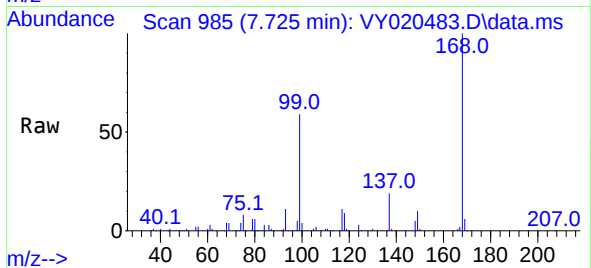




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 985
Delta R.T. 0.012 min
Lab File: VY020483.D
Acq: 02 Dec 2024 14:24

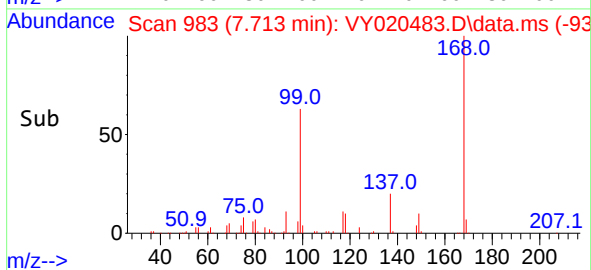
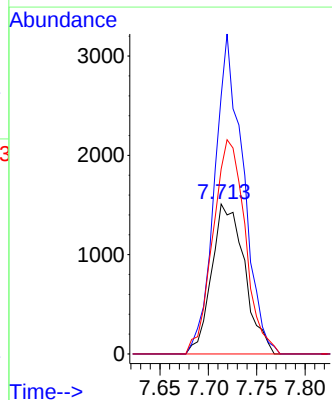
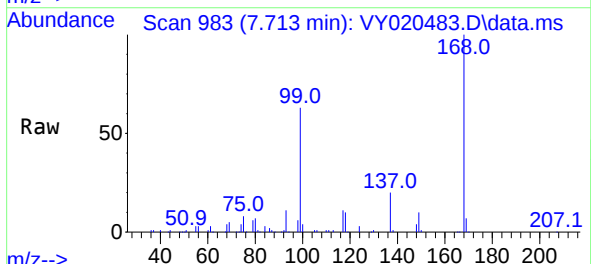
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-11262024

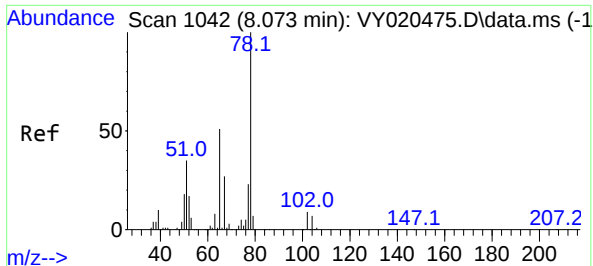
Tgt Ion:168 Resp: 162317
Ion Ratio Lower Upper
168 100
99 59.2 46.6 69.8



#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY020483.D
Acq: 02 Dec 2024 14:24

Tgt Ion: 56 Resp: 3572
Ion Ratio Lower Upper
56 100
69 172.0 25.3 37.9#
84 123.4 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 53.334 ug/l

RT: 8.079 min Scan# 1104

Delta R.T. 0.018 min

Lab File: VY020483.D

Acq: 02 Dec 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

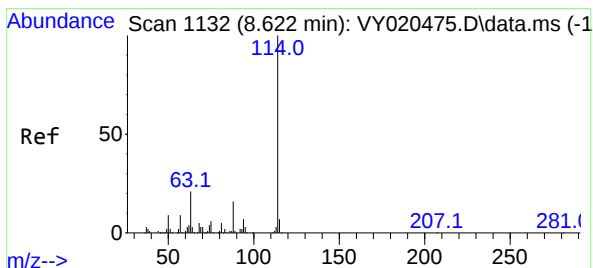
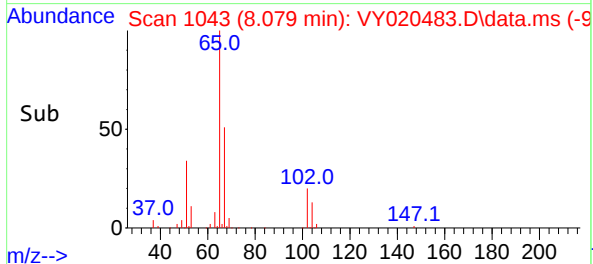
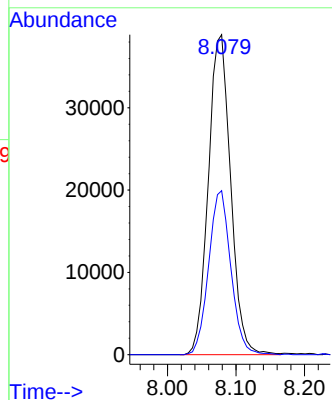
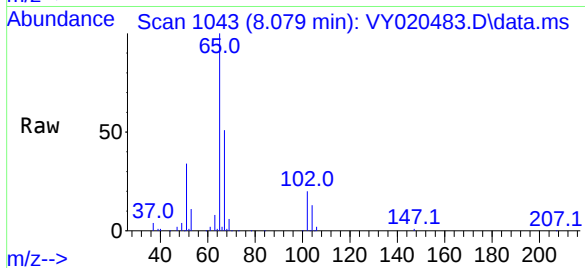
EO-02-11262024

Tgt Ion: 65 Resp: 88044

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.012 min

Lab File: VY020483.D

Acq: 02 Dec 2024 14:24

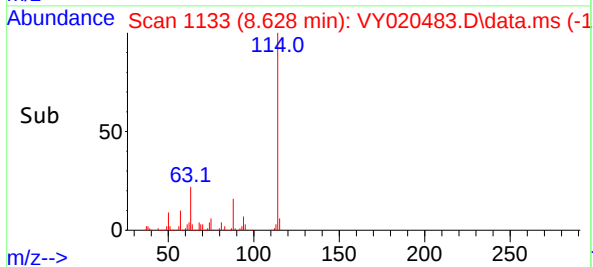
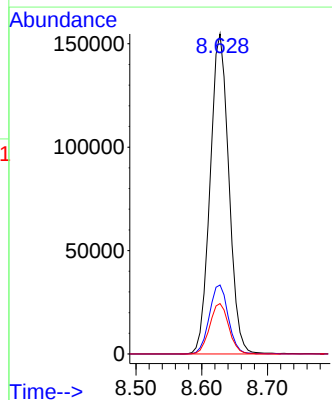
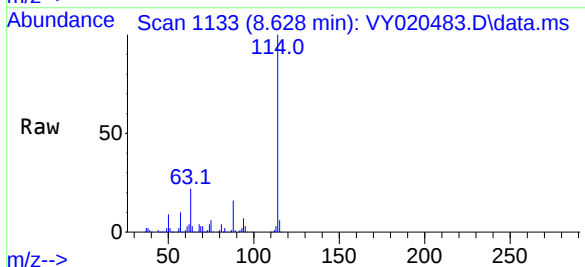
Tgt Ion: 114 Resp: 306523

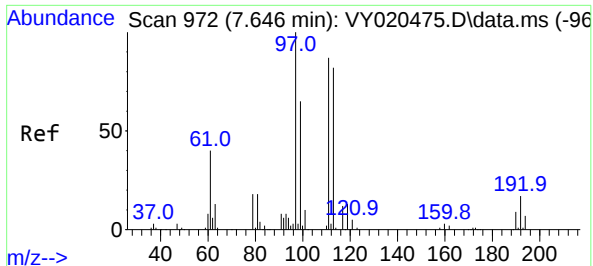
Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.8

88 15.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.984 ug/l

RT: 7.652 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY020483.D

Acq: 02 Dec 2024 14:24

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-11262024

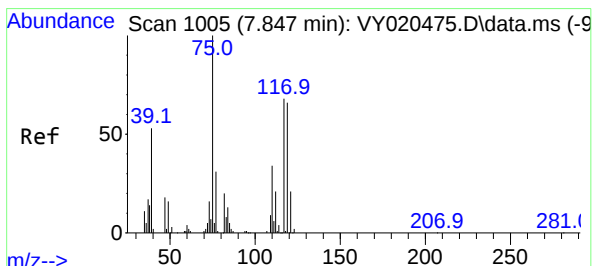
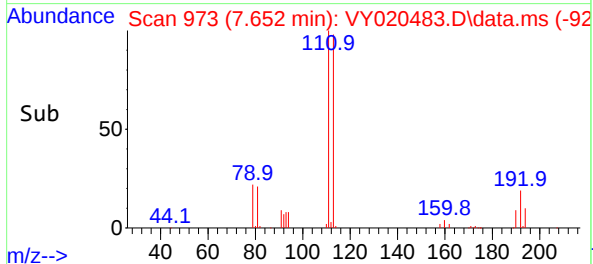
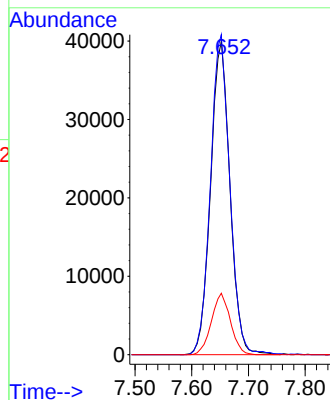
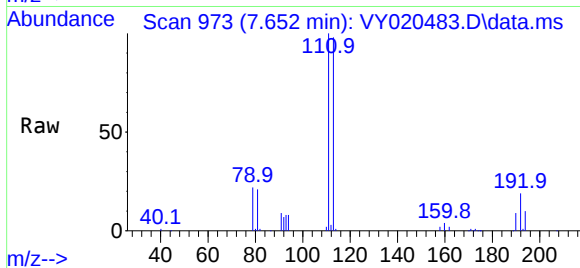
Tgt Ion:113 Resp: 94524

Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 19.3 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.110 ug/l

RT: 7.725 min Scan# 985

Delta R.T. -0.116 min

Lab File: VY020483.D

Acq: 02 Dec 2024 14:24

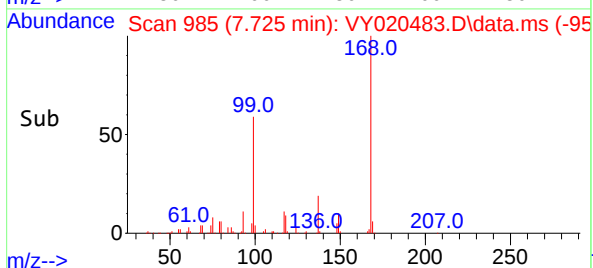
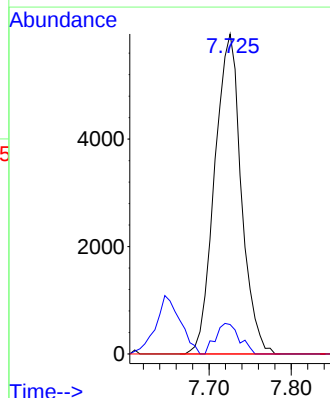
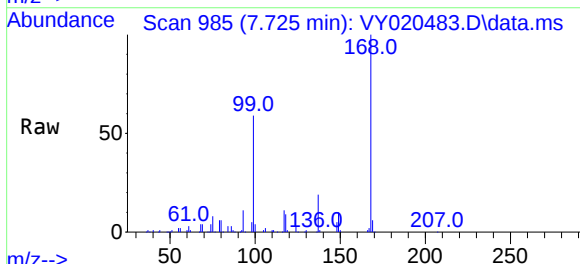
Tgt Ion: 75 Resp: 13393

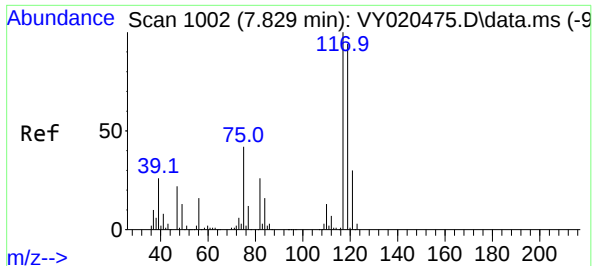
Ion Ratio Lower Upper

75 100

110 8.5 16.7 50.0#

77 0.0 24.6 36.8#

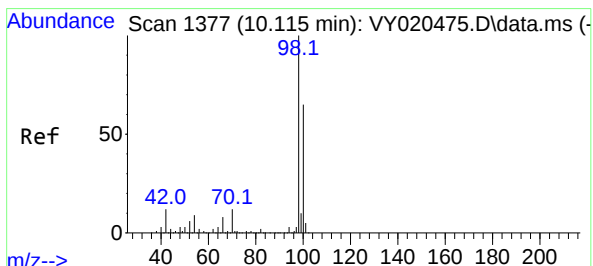
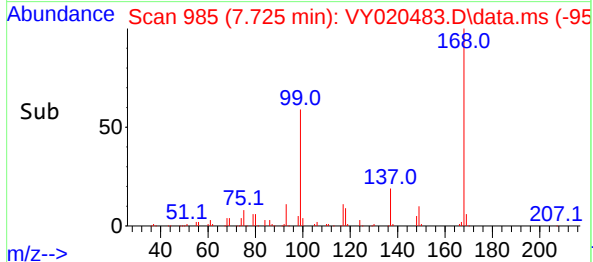
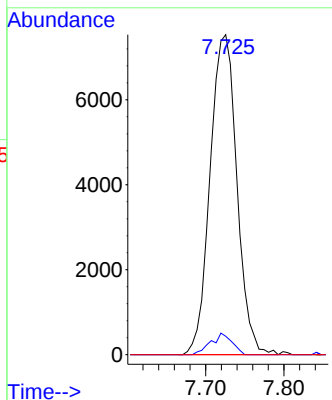
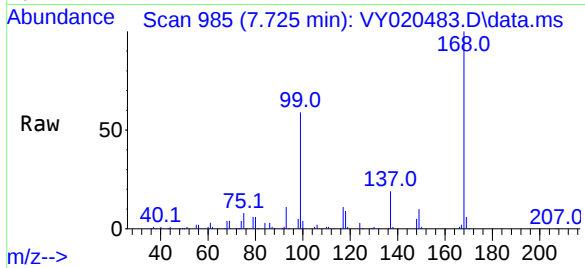




#38
Carbon Tetrachloride
Concen: 4.609 ug/l
RT: 7.725 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY020483.D
Acq: 02 Dec 2024 14:24

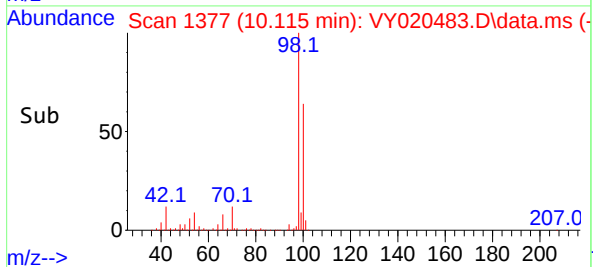
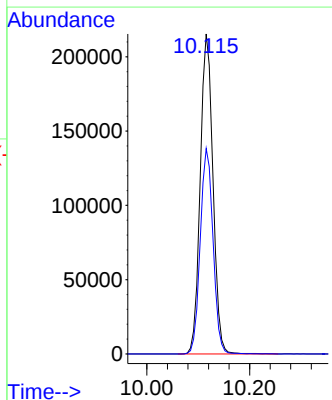
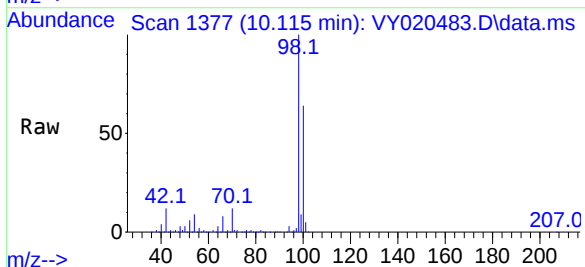
Instrument :
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ClientSampleId :
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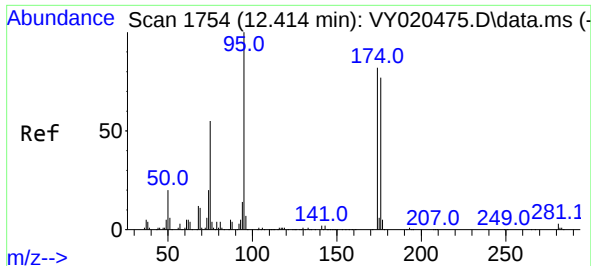
Tgt Ion:117 Resp: 17926
Ion Ratio Lower Upper
117 100
119 5.8 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.294 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY020483.D
Acq: 02 Dec 2024 14:24

Tgt Ion: 98 Resp: 369563
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9

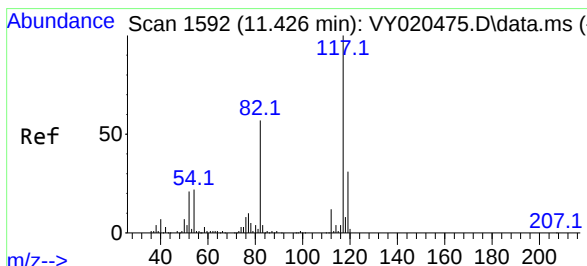
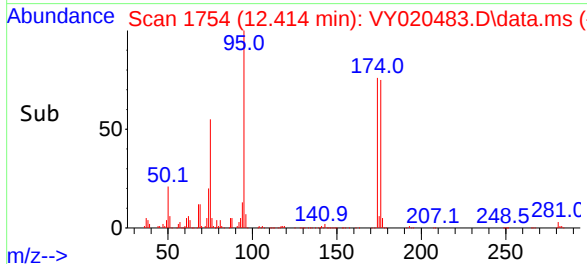
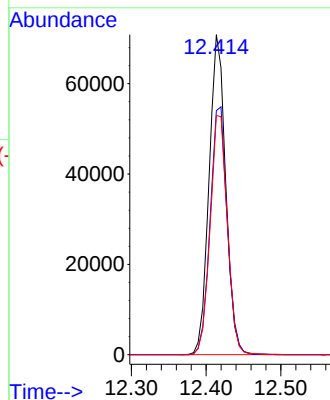
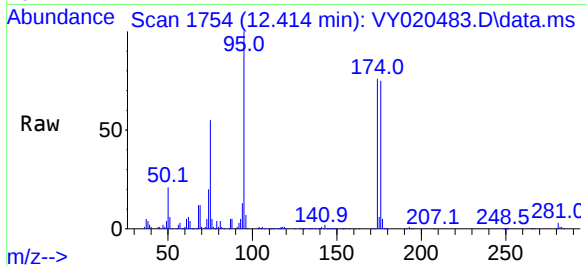




#62
4-Bromofluorobenzene
Concen: 42.575 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.012 min
Lab File: VY020483.D
Acq: 02 Dec 2024 14:24

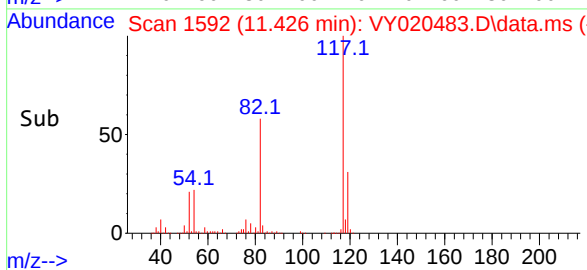
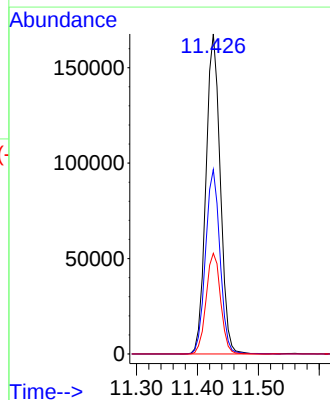
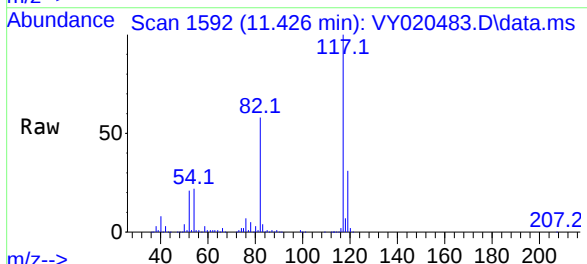
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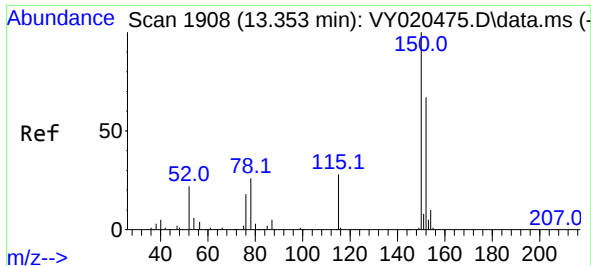
Tgt Ion:	95	Resp:	109415
Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	156.8
176	77.3	0.0	152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.012 min
Lab File: VY020483.D
Acq: 02 Dec 2024 14:24

Tgt Ion:	117	Resp:	273928
Ion	Ratio	Lower	Upper
117	100		
82	57.6	48.2	72.4
119	31.4	25.8	38.8

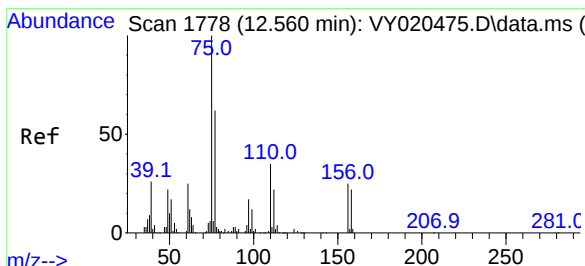
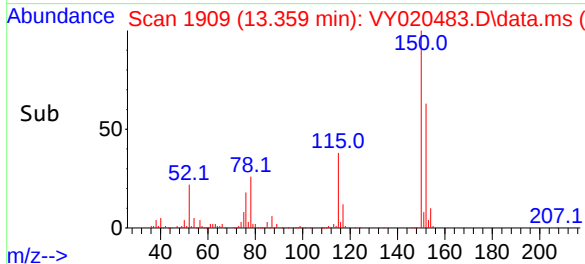
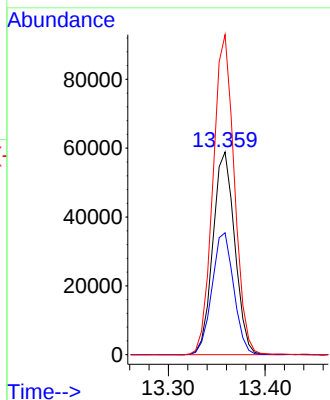
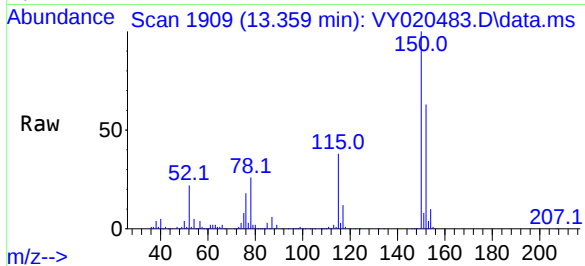




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.359 min Scan# 1908
 Delta R.T. 0.012 min
 Lab File: VY020483.D
 Acq: 02 Dec 2024 14:24

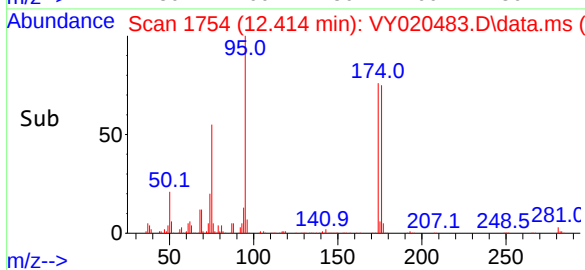
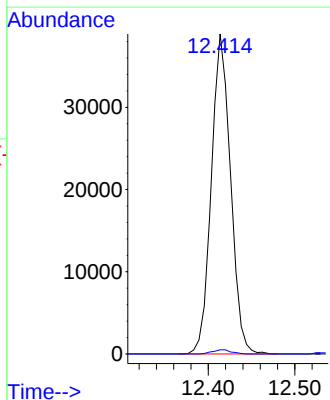
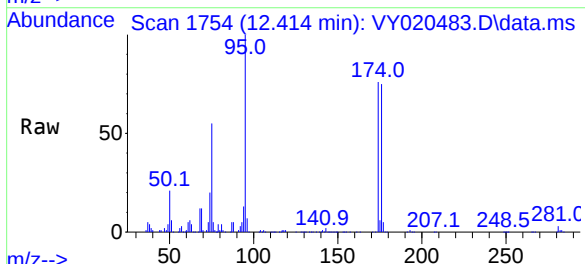
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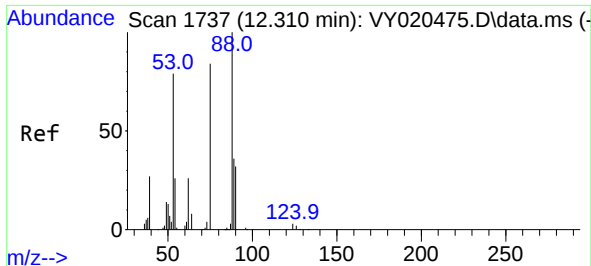
Tgt Ion:152 Resp: 92336
 Ion Ratio Lower Upper
 152 100
 115 60.2 30.0 90.0
 150 154.5 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 63.756 ug/l
 RT: 12.414 min Scan# 1754
 Delta R.T. -0.140 min
 Lab File: VY020483.D
 Acq: 02 Dec 2024 14:24

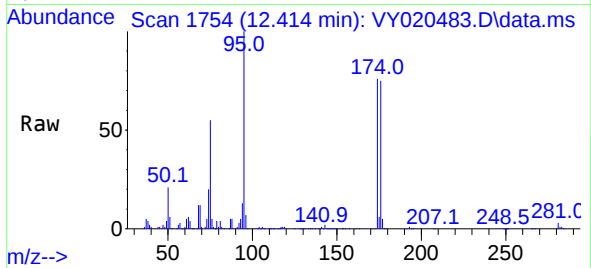
Tgt Ion: 75 Resp: 59970
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.818 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY020483.D
 Acq: 02 Dec 2024 14:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-11262024



Tgt Ion: 75 Resp: 59970
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.1 35.1 52.7#

