

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044486.D
 Acq On : 23 Dec 2024 17:31
 Operator : JC/MD
 Sample : P5317-22 40X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 22:13:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

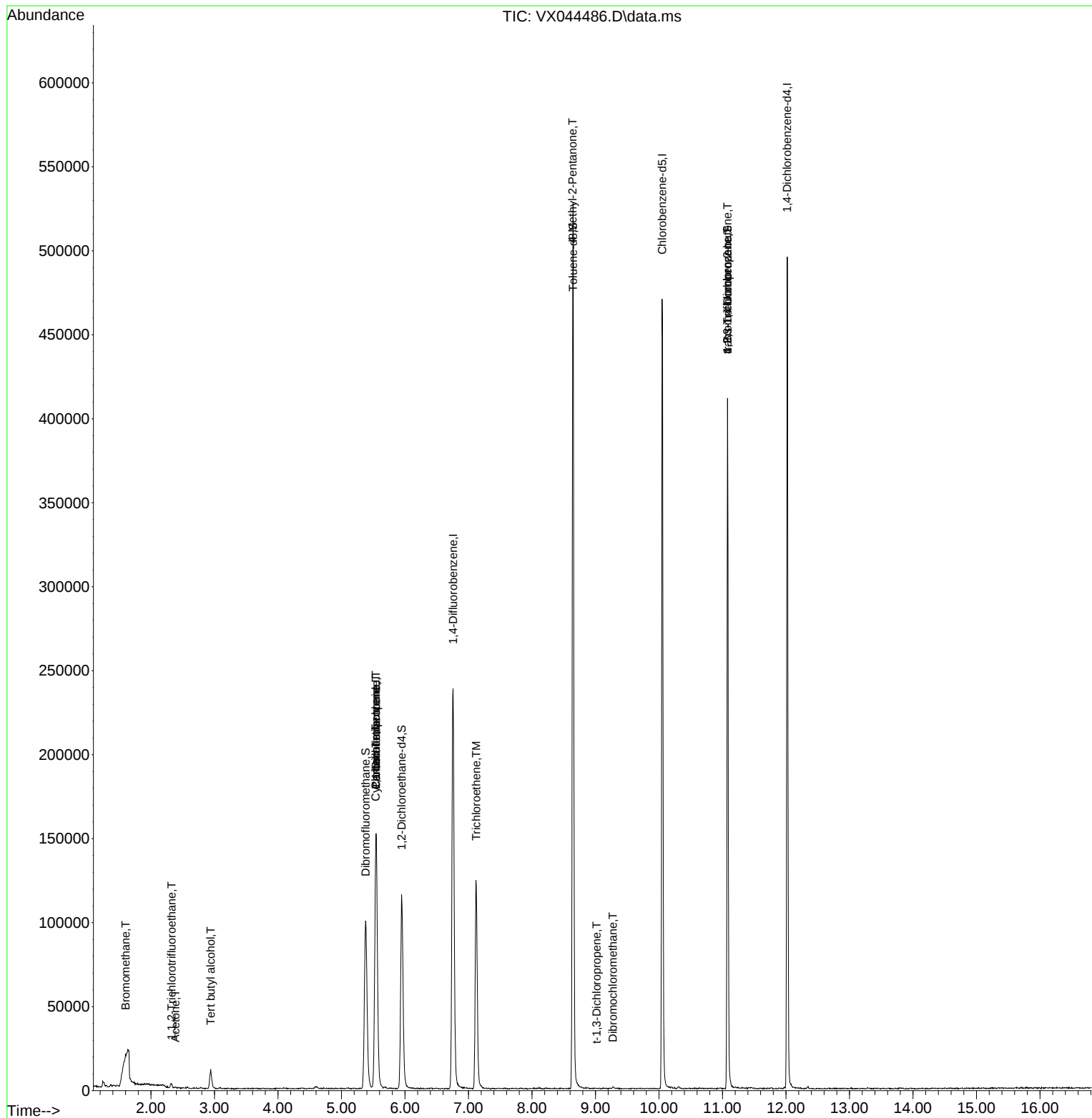
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	146702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	250392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	212795	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	100422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	108155	42.048	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.100%
35) Dibromofluoromethane	5.379	113	87011	50.174	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.340%
50) Toluene-d8	8.647	98	310122	53.006	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.020%
62) 4-Bromofluorobenzene	11.079	95	105608	51.658	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.320%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	488	0.304	ug/l #	58
9) 1,1,2-Trichlorotrifluo...	2.325	101	778	0.435	ug/l #	89
11) Tert butyl alcohol	2.941	59	6438	17.760	ug/l #	73
16) Acetone	2.386	43	458	0.437	ug/l #	78
31) Cyclohexane	5.538	56	3771	1.358	ug/l #	26
36) 1,1-Dichloropropene	5.544	75	12085	5.391	ug/l #	49
38) Carbon Tetrachloride	5.544	117	14915	6.180	ug/l #	17
44) Trichloroethene	7.123	130	48195	28.396	ug/l	97
51) 4-Methyl-2-Pentanone	8.641	43	1787	0.642	ug/l #	1
53) t-1,3-Dichloropropene	9.019	75	20	1.004	ug/l #	41
60) Dibromochloromethane	9.275	129	180	1.333	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	55580	24.788	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	55580	68.685	ug/l #	4

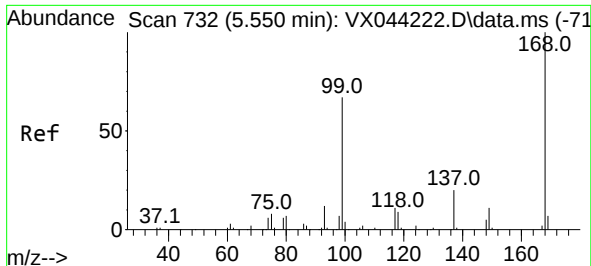
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 23 22:13:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

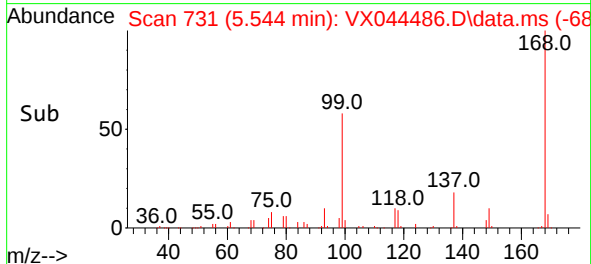
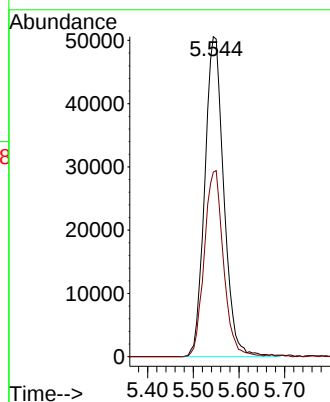
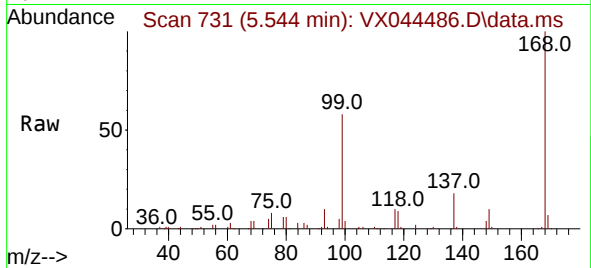




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044486.D
Acq: 23 Dec 2024 17:31

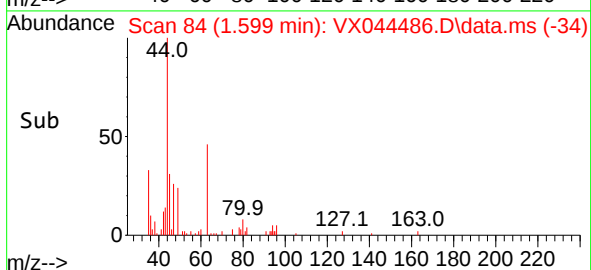
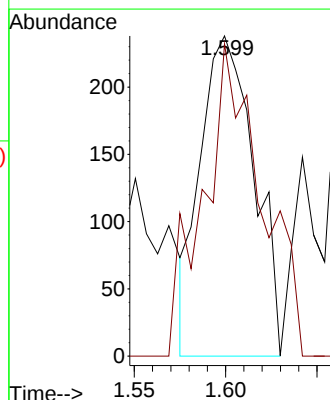
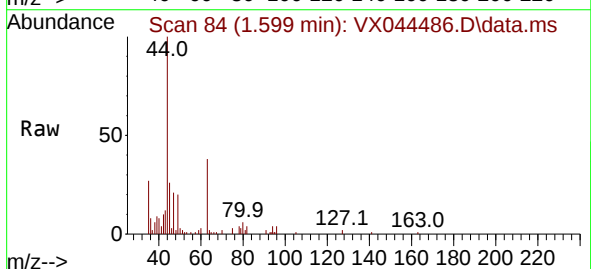
Instrument :
MSVOA_X
ClientSampleId :

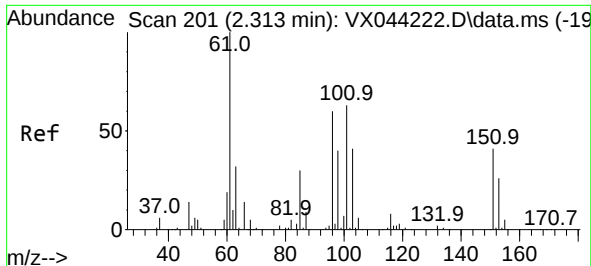
Tgt Ion:168 Resp: 146702
Ion Ratio Lower Upper
168 100
99 57.7 53.4 80.0



#5
Bromomethane
Concen: 0.304 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044486.D
Acq: 23 Dec 2024 17:31

Tgt Ion: 94 Resp: 488
Ion Ratio Lower Upper
94 100
96 52.9 74.9 112.3#

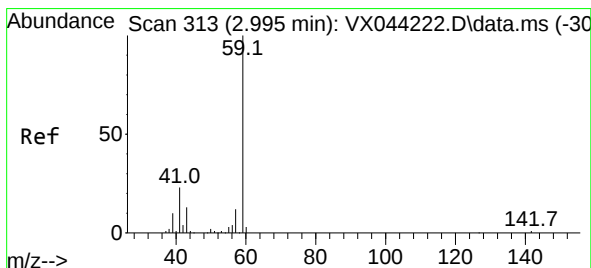
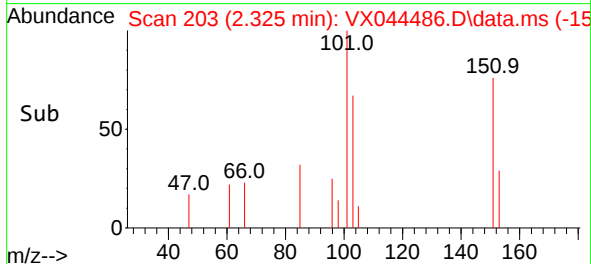
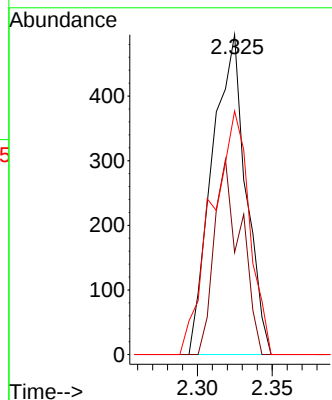
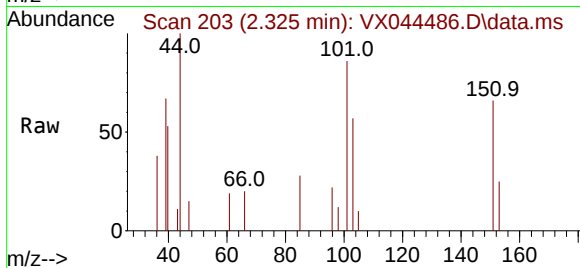




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.435 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX044486.D
Acq: 23 Dec 2024 17:31

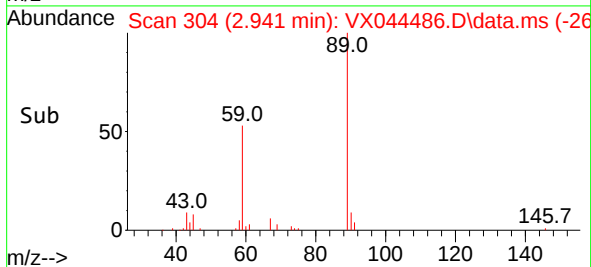
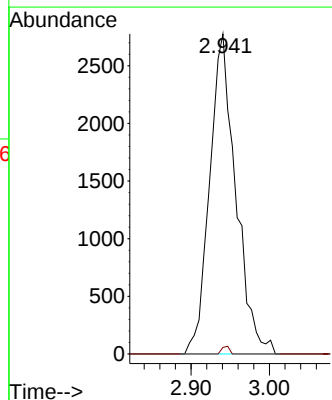
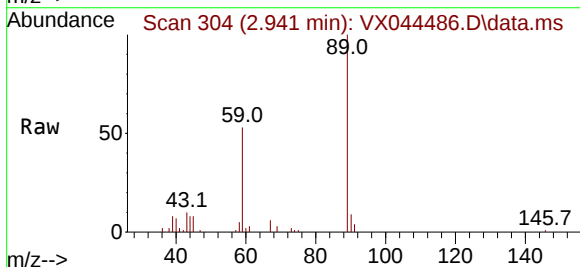
Instrument :
MSVOA_X
ClientSampleId :

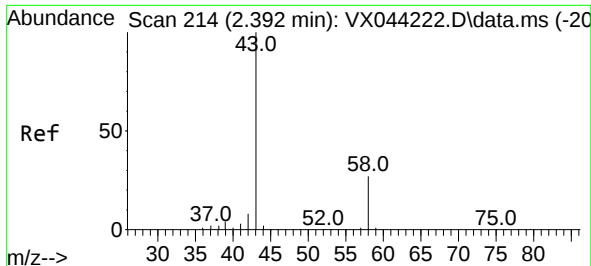
Tgt Ion:101 Resp: 778
Ion Ratio Lower Upper
101 100
85 48.3 38.5 57.7
151 85.3 55.8 83.6#



#11
Tert butyl alcohol
Concen: 17.760 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044486.D
Acq: 23 Dec 2024 17:31

Tgt Ion: 59 Resp: 6438
Ion Ratio Lower Upper
59 100
57 0.7 8.8 13.2#

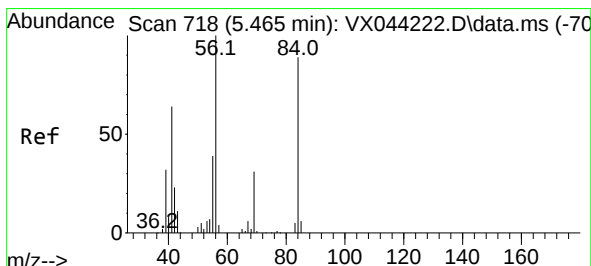
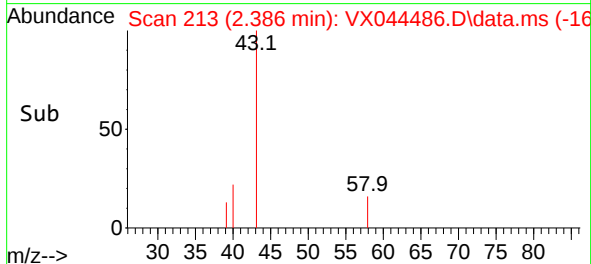
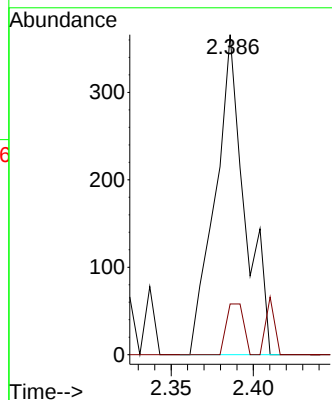
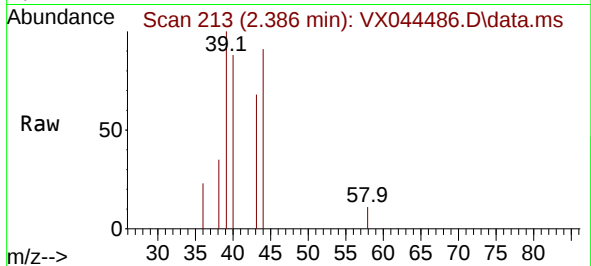




#16
Acetone
Concen: 0.437 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX044486.D
Acq: 23 Dec 2024 17:31

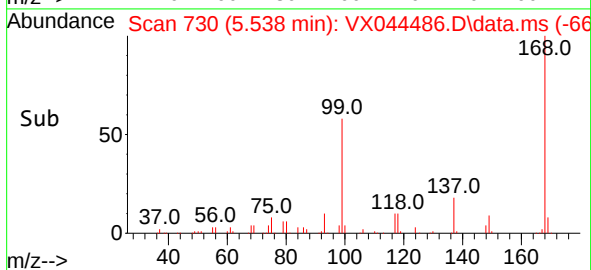
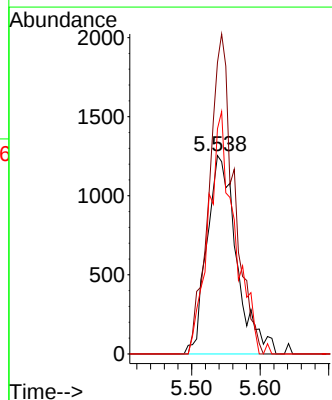
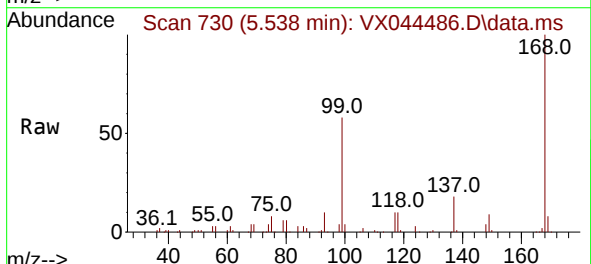
Instrument :
MSVOA_X
ClientSampleId :

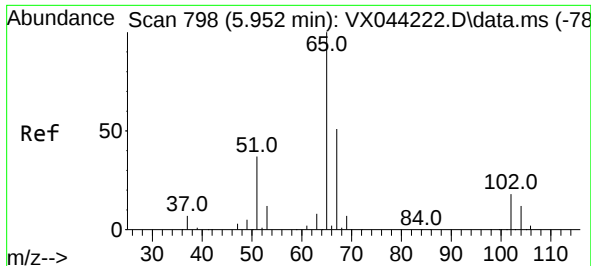
Tgt Ion: 43 Resp: 458
Ion Ratio Lower Upper
43 100
58 15.8 21.6 32.4#



#31
Cyclohexane
Concen: 1.358 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX044486.D
Acq: 23 Dec 2024 17:31

Tgt Ion: 56 Resp: 3771
Ion Ratio Lower Upper
56 100
69 147.0 24.7 37.1#
84 113.6 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 42.048 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044486.D

Acq: 23 Dec 2024 17:31

Instrument :

MSVOA_X

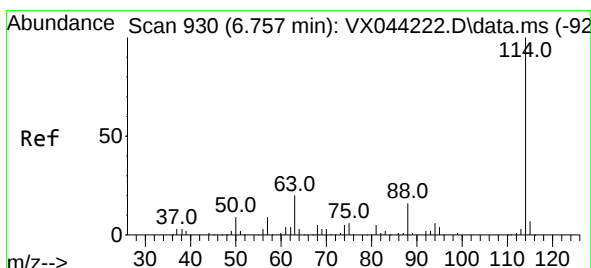
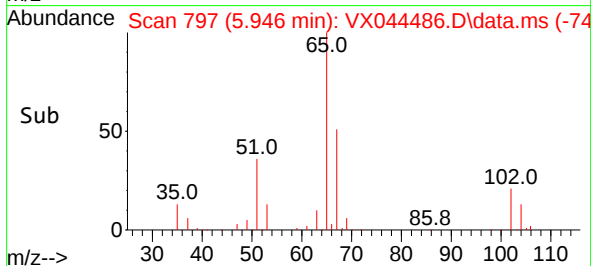
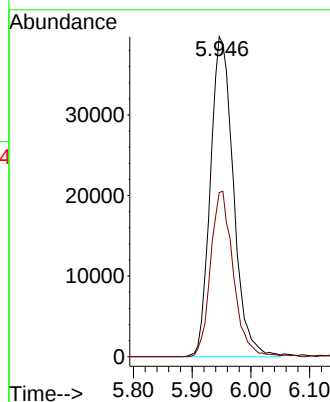
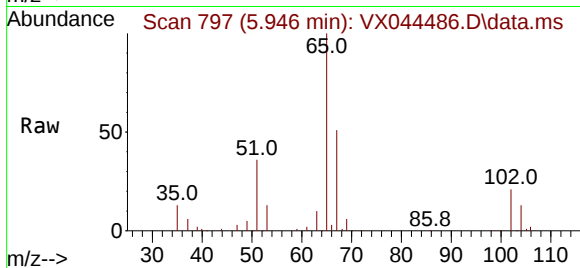
ClientSampleId :

Tgt Ion: 65 Resp: 108155

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044486.D

Acq: 23 Dec 2024 17:31

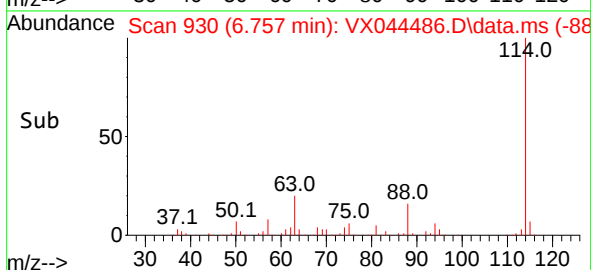
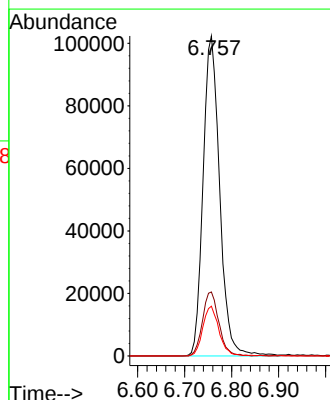
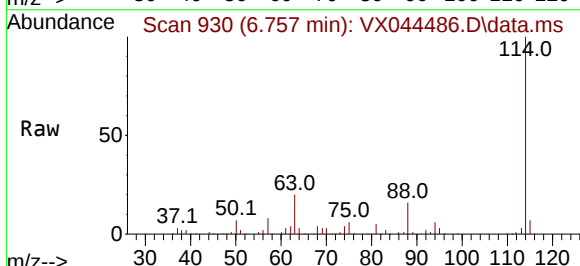
Tgt Ion: 114 Resp: 250392

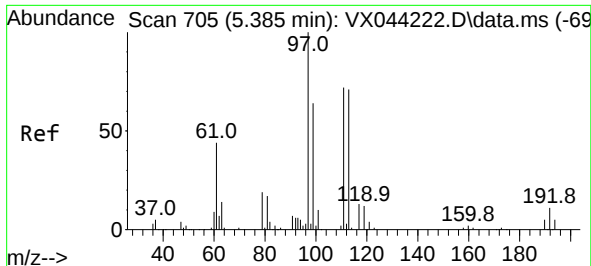
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.174 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

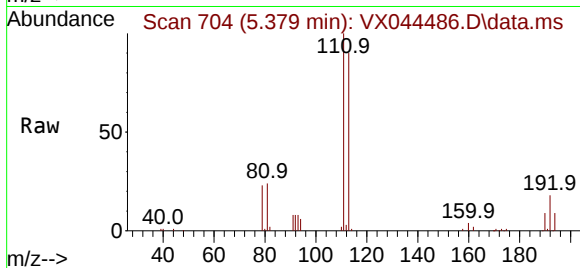
Lab File: VX044486.D

Acq: 23 Dec 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :



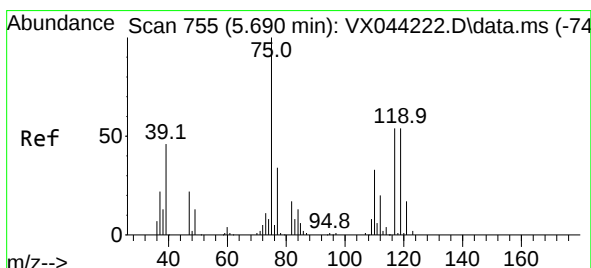
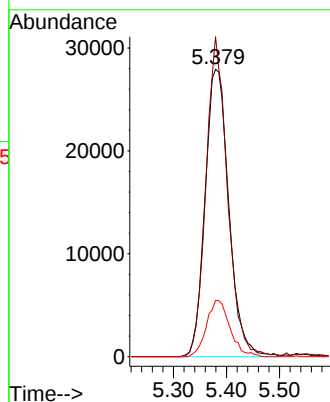
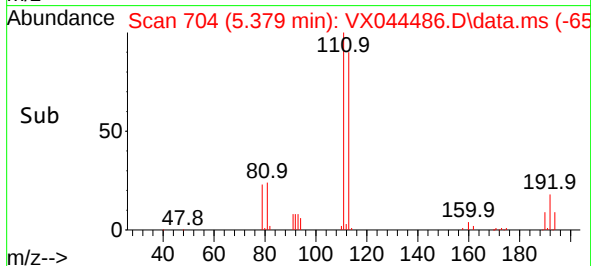
Tgt Ion:113 Resp: 87011

Ion Ratio Lower Upper

113 100

111 100.9 80.4 120.6

192 19.3 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.391 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX044486.D

Acq: 23 Dec 2024 17:31

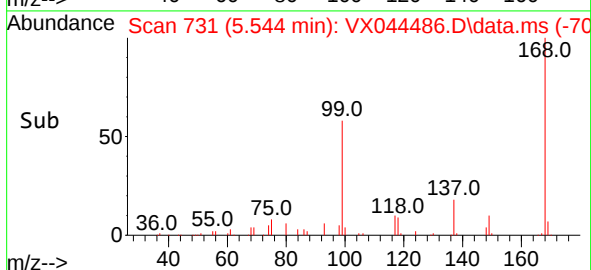
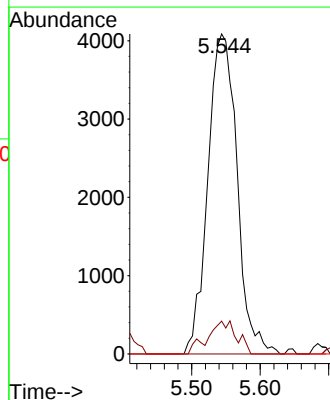
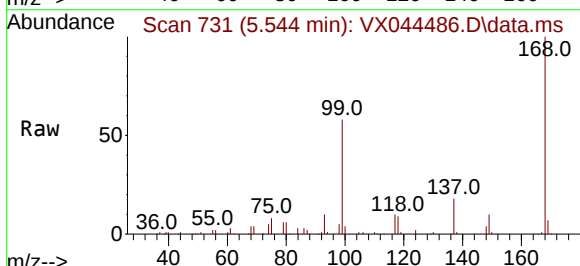
Tgt Ion: 75 Resp: 12085

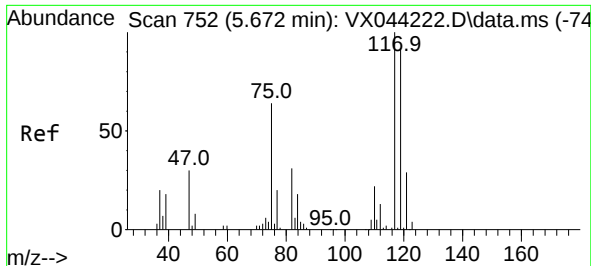
Ion Ratio Lower Upper

75 100

110 8.5 17.3 51.7#

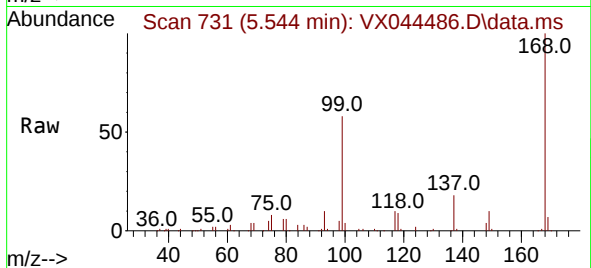
77 0.0 25.4 38.0#



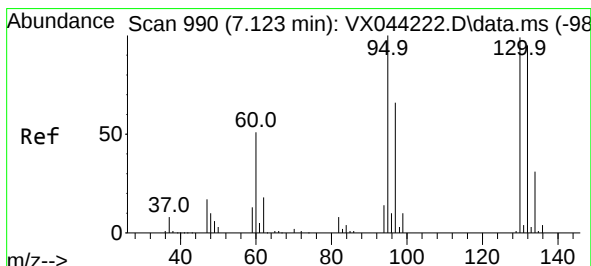
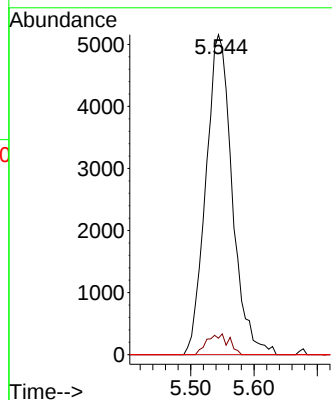
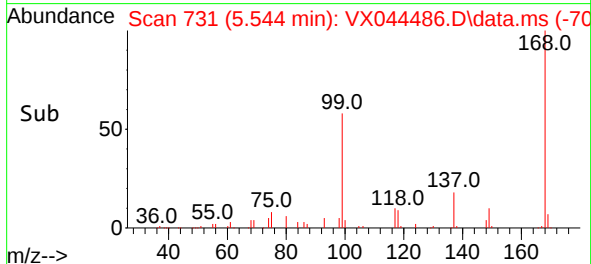


#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044486.D
Acq: 23 Dec 2024 17:31

Instrument :
MSVOA_X
ClientSampleId :

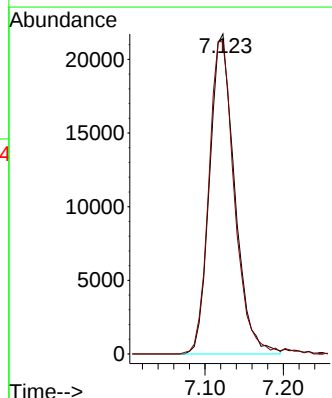
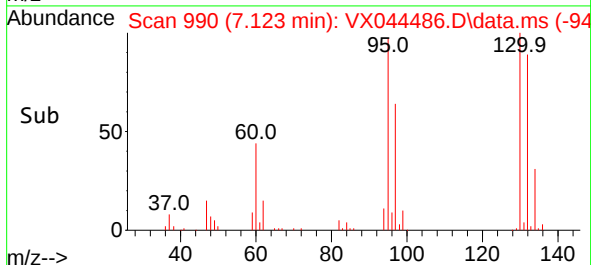
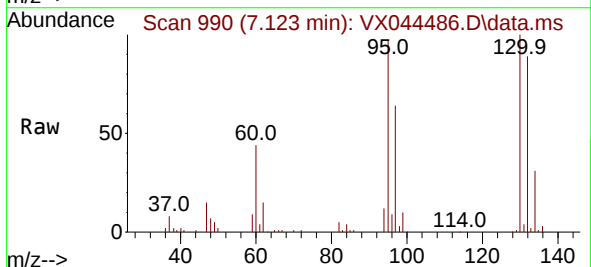


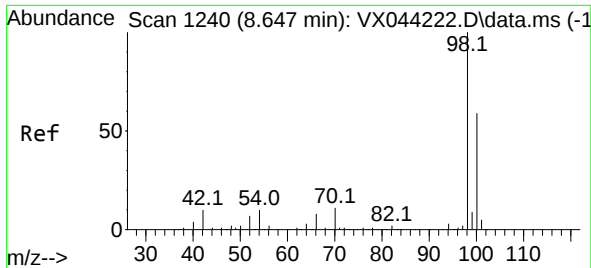
Tgt Ion:117 Resp: 14915
Ion Ratio Lower Upper
117 100
119 5.2 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 28.396 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044486.D
Acq: 23 Dec 2024 17:31

Tgt Ion:130 Resp: 48195
Ion Ratio Lower Upper
130 100
95 97.5 0.0 201.4

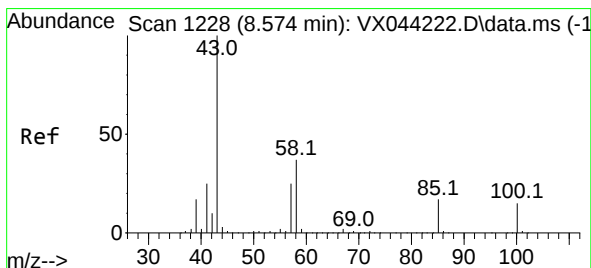
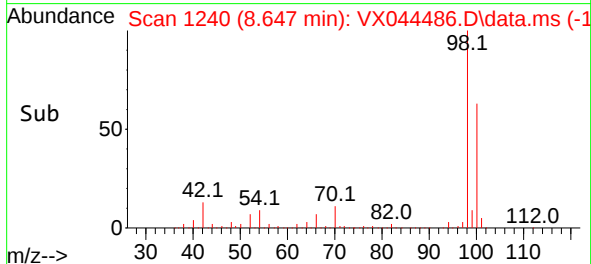
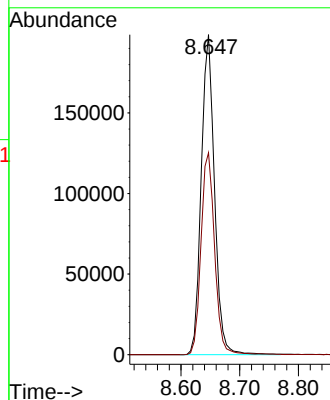
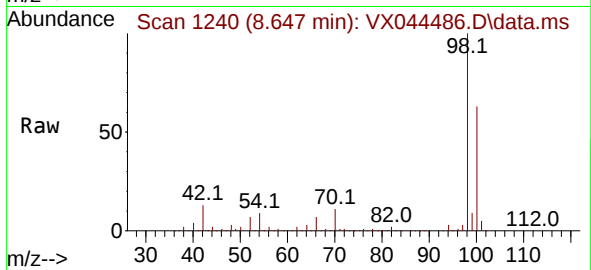




#50
Toluene-d8
Concen: 53.006 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044486.D
Acq: 23 Dec 2024 17:31

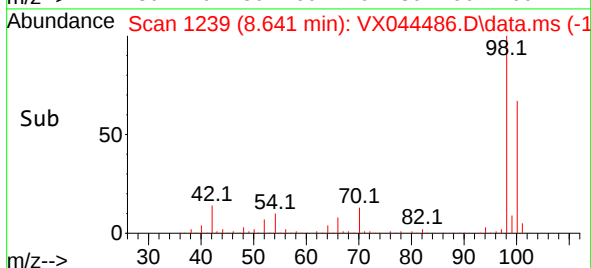
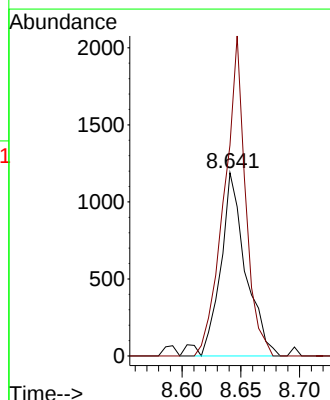
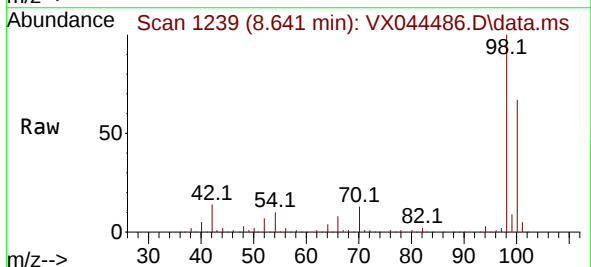
Instrument :
MSVOA_X
ClientSampleId :

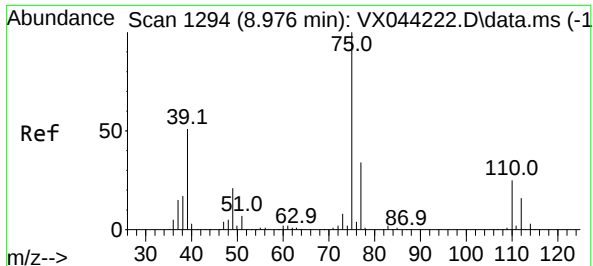
Tgt Ion: 98 Resp: 310122
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.642 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044486.D
Acq: 23 Dec 2024 17:31

Tgt Ion: 43 Resp: 1787
Ion Ratio Lower Upper
43 100
58 146.6 29.4 44.0#





#53

t-1,3-Dichloropropene

Concen: 1.004 ug/l

RT: 9.019 min Scan# 11

Delta R.T. 0.043 min

Lab File: VX044486.D

Acq: 23 Dec 2024 17:31

Instrument :

MSVOA_X

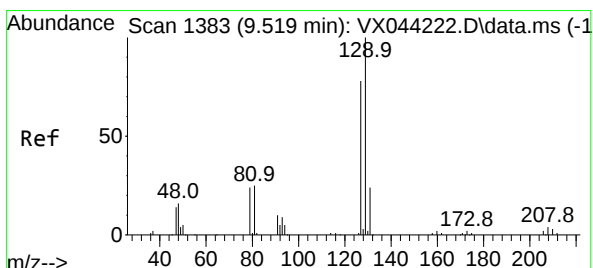
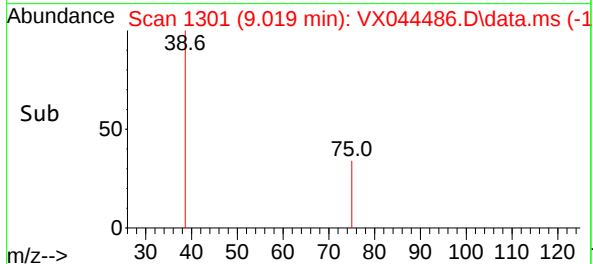
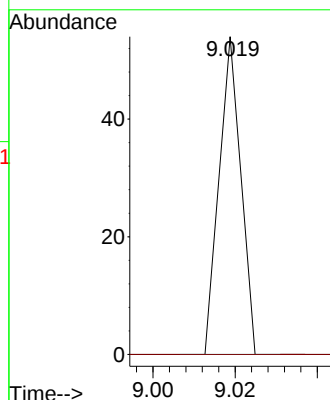
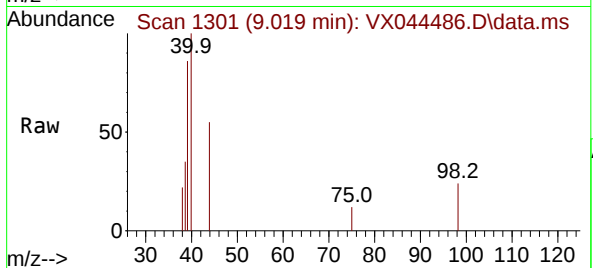
ClientSampleId :

Tgt Ion: 75 Resp: 20

Ion Ratio Lower Upper

75 100

77 0.0 27.2 40.8#



#60

Dibromochloromethane

Concen: 1.333 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX044486.D

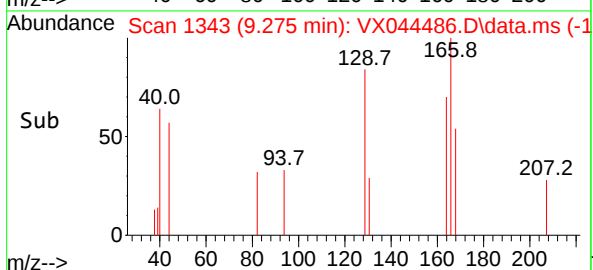
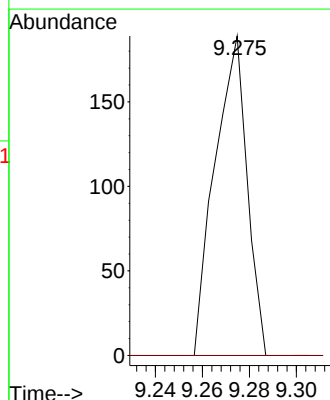
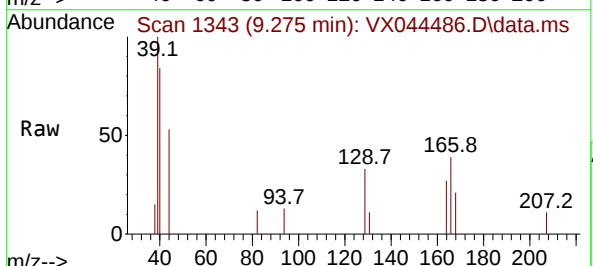
Acq: 23 Dec 2024 17:31

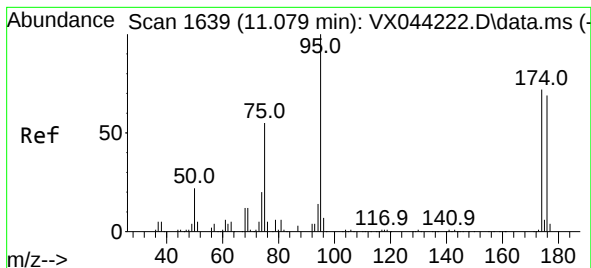
Tgt Ion:129 Resp: 180

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#

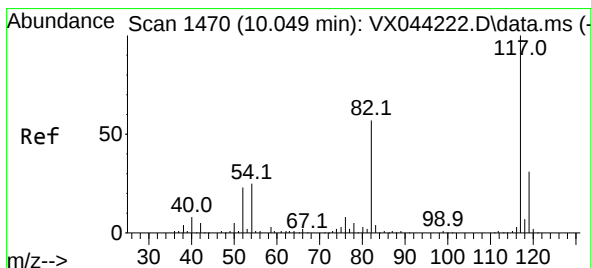
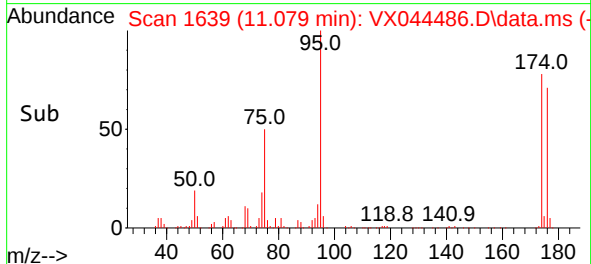
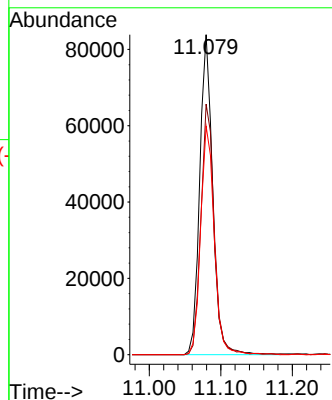
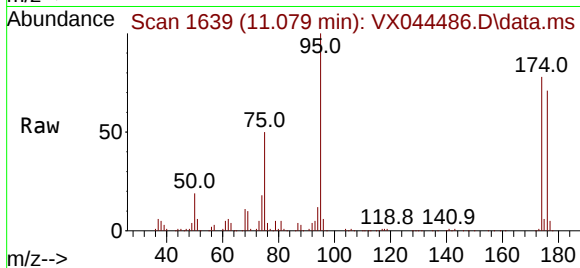




#62
4-Bromofluorobenzene
Concen: 51.658 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044486.D
Acq: 23 Dec 2024 17:31

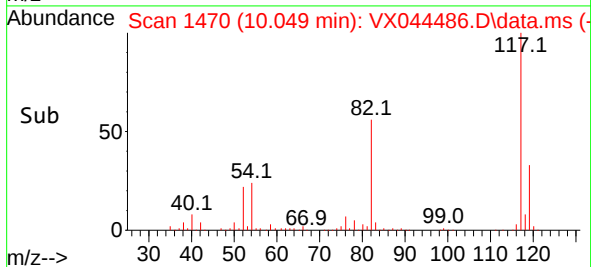
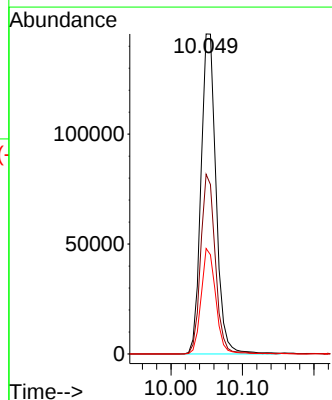
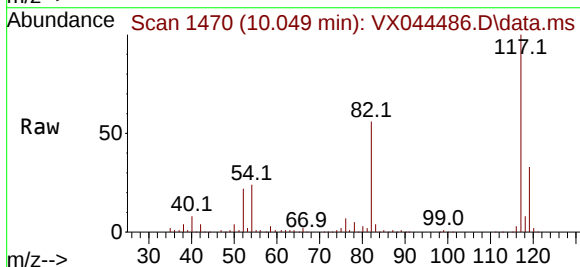
Instrument :
MSVOA_X
ClientSampleId :

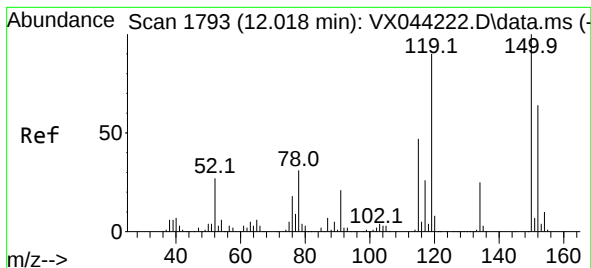
Tgt Ion: 95 Resp: 105608
Ion Ratio Lower Upper
95 100
174 80.7 0.0 145.8
176 75.0 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044486.D
Acq: 23 Dec 2024 17:31

Tgt Ion: 117 Resp: 212795
Ion Ratio Lower Upper
117 100
82 56.1 45.8 68.8
119 33.0 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044486.D

Acq: 23 Dec 2024 17:31

Instrument :

MSVOA_X

ClientSampleId :

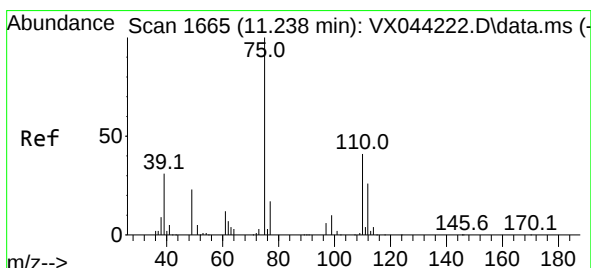
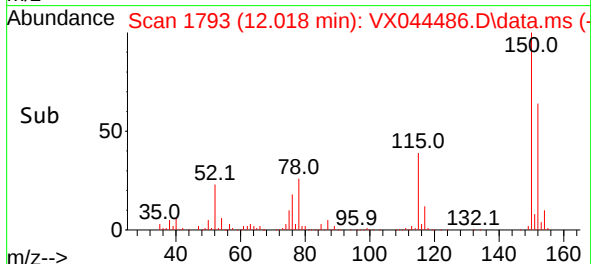
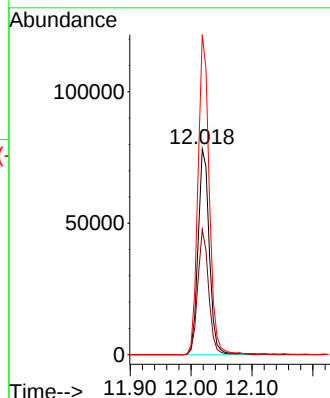
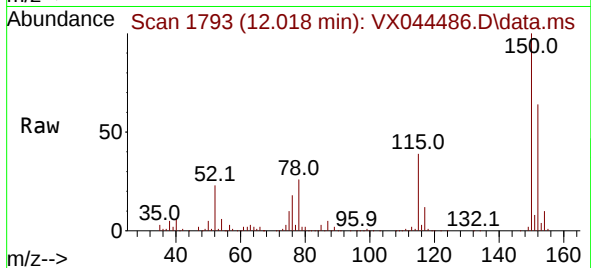
Tgt Ion:152 Resp: 100422

Ion Ratio Lower Upper

152 100

115 58.4 44.5 133.3

150 155.7 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 24.788 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044486.D

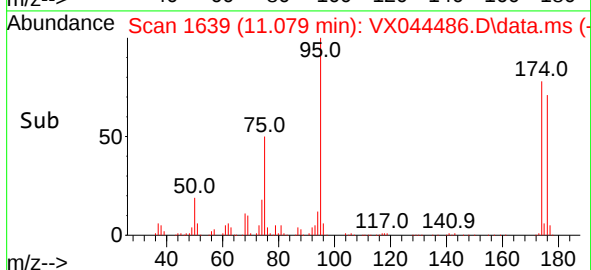
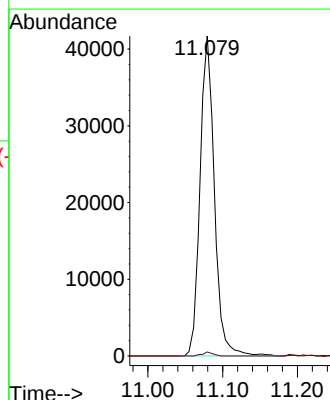
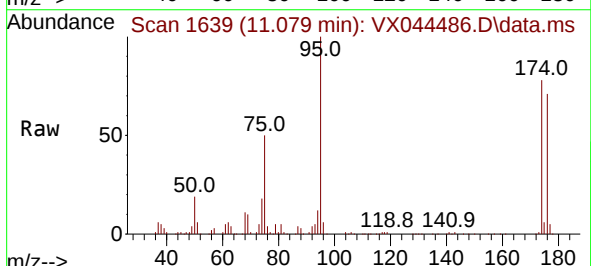
Acq: 23 Dec 2024 17:31

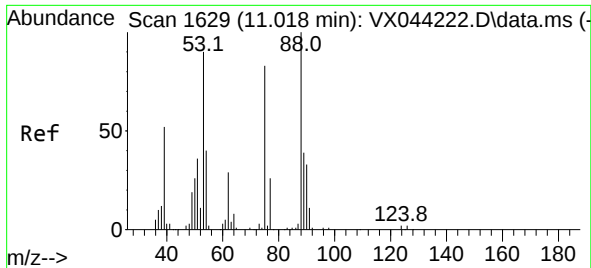
Tgt Ion: 75 Resp: 55580

Ion Ratio Lower Upper

75 100

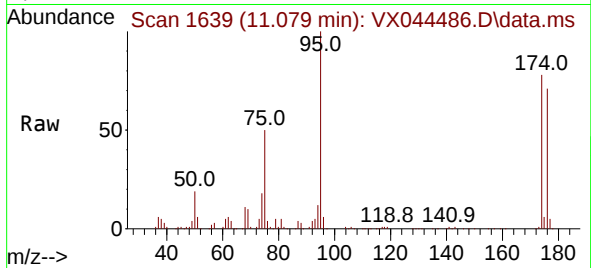
77 0.9 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.685 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044486.D
 Acq: 23 Dec 2024 17:31

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 55580
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.2 37.3 55.9#

