

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044326.D
 Acq On : 16 Dec 2024 16:06
 Operator : JC/MD
 Sample : P5261-18DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20241210DL

Quant Time: Dec 17 00:52:07 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)

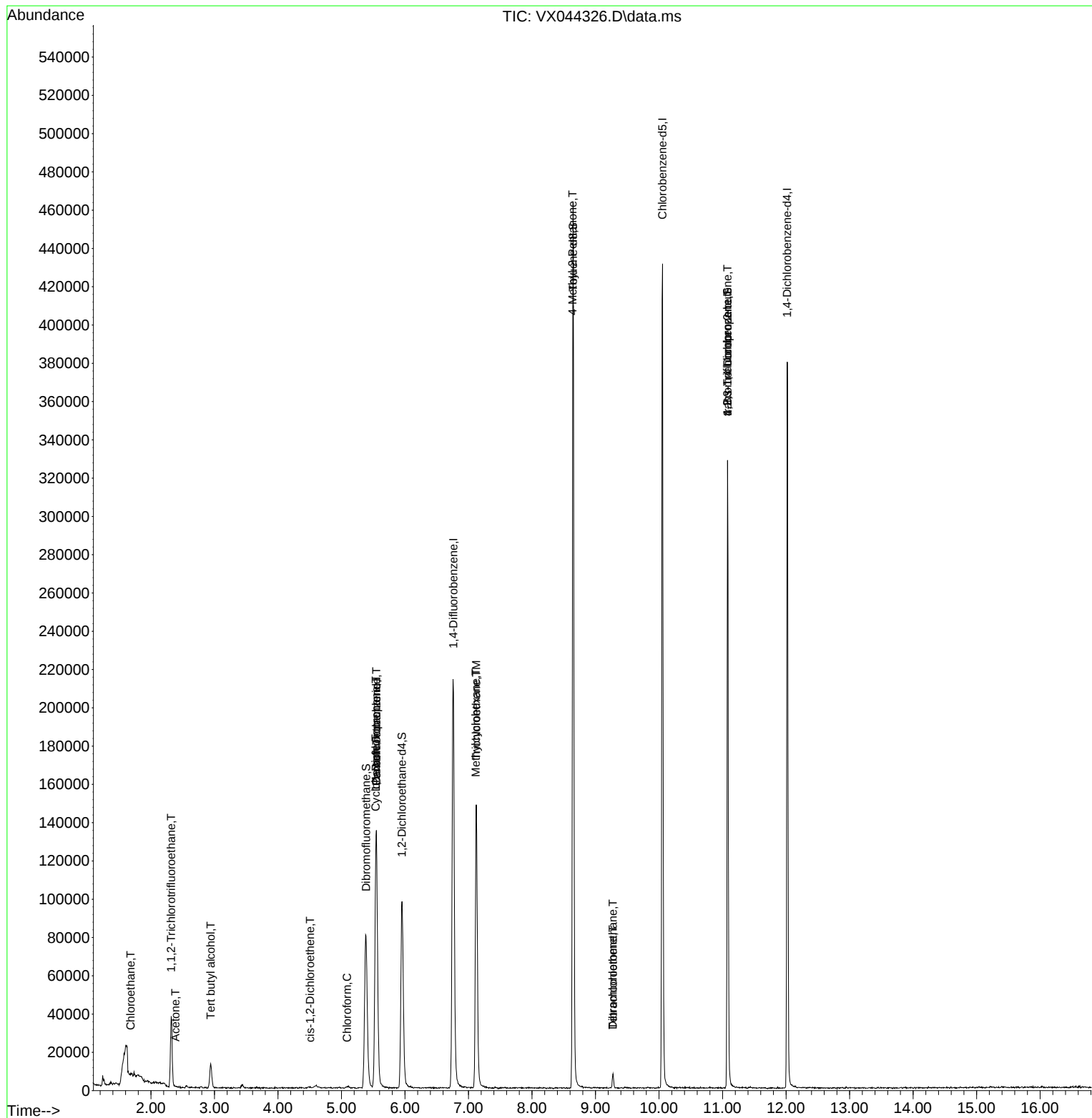
Internal Standards						
1) Pentafluorobenzene	5.550	168	118530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	215461	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96019	46.203	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.400%
35) Dibromofluoromethane	5.385	113	69622	46.655	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.320%
50) Toluene-d8	8.647	98	264552	52.548	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.100%
62) 4-Bromofluorobenzene	11.079	95	82769	47.050	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.100%
Target Compounds						
					Qvalue	
6) Chloroethane	1.678	64	228	0.201	ug/l #	41
9) 1,1,2-Trichlorotrifluo...	2.319	101	14623	10.110	ug/l	98
11) Tert butyl alcohol	2.940	59	7033	24.012	ug/l #	71
16) Acetone	2.386	43	660	0.779	ug/l	98
27) cis-1,2-Dichloroethene	4.507	96	513	0.286	ug/l #	52
30) Chloroform	5.086	83	985	0.316	ug/l	89
31) Cyclohexane	5.538	56	3086	1.376	ug/l #	37
36) 1,1-Dichloropropene	5.544	75	10964	5.684	ug/l #	52
38) Carbon Tetrachloride	5.550	117	13221	6.366	ug/l #	16
39) Methylcyclohexane	7.117	83	847	0.367	ug/l #	1
44) Trichloroethene	7.123	130	55411	37.940	ug/l	94
51) 4-Methyl-2-Pentanone	8.641	43	1240	0.517	ug/l #	1
60) Dibromochloromethane	9.275	129	1115	1.966	ug/l #	11
64) Tetrachloroethene	9.275	164	1214	0.955	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	46985	28.592	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	46985	78.367	ug/l #	4

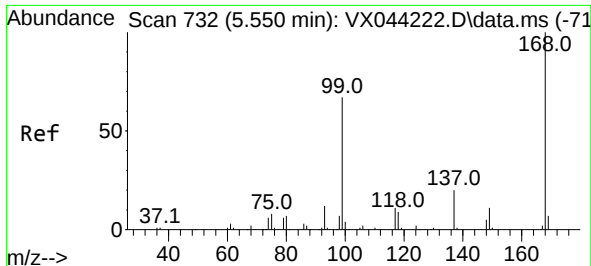
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

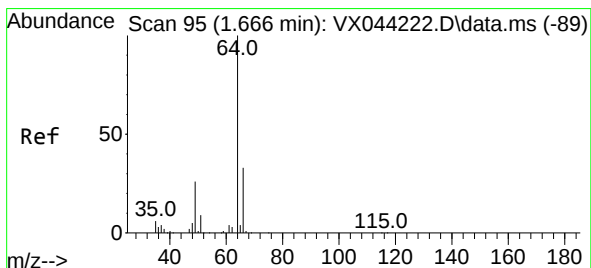
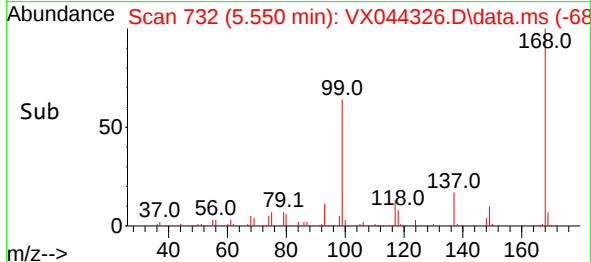
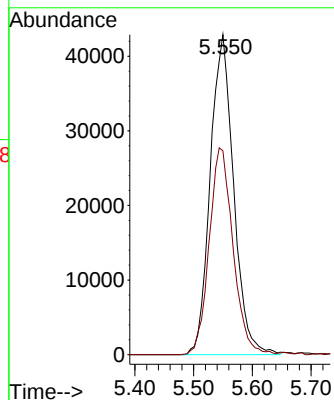
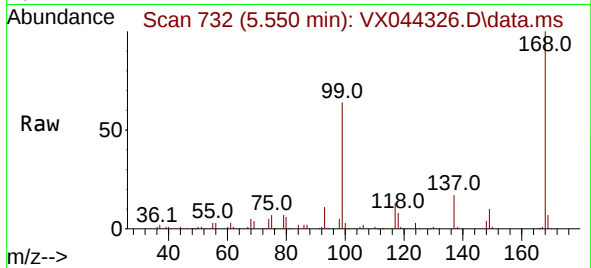




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

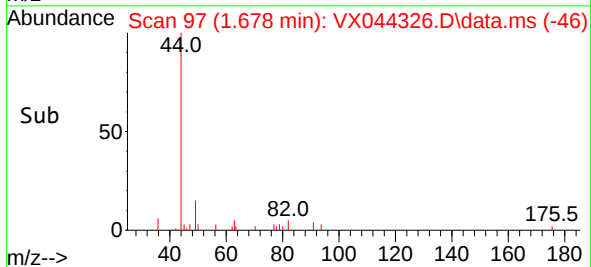
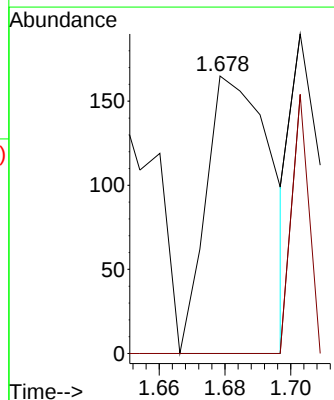
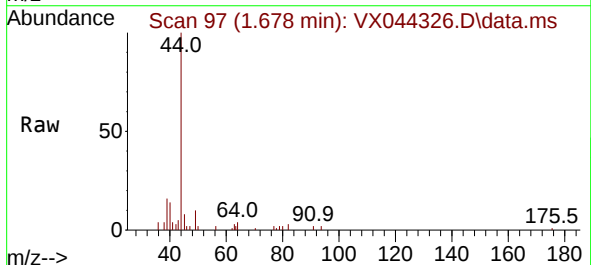
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20241210DL

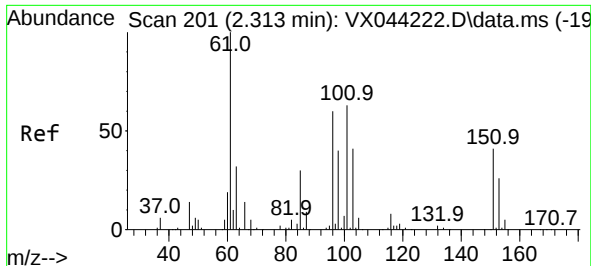
Tgt Ion:168 Resp: 118530
Ion Ratio Lower Upper
168 100
99 63.7 53.4 80.0



#6
Chloroethane
Concen: 0.201 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

Tgt Ion: 64 Resp: 228
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#

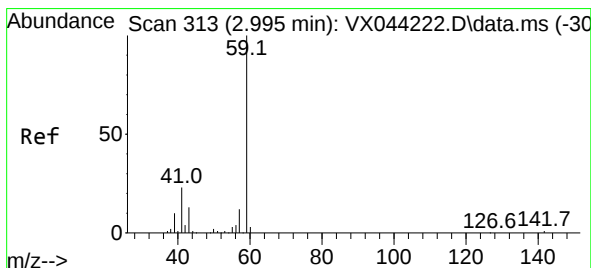
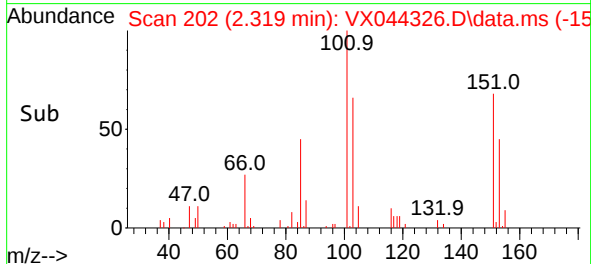
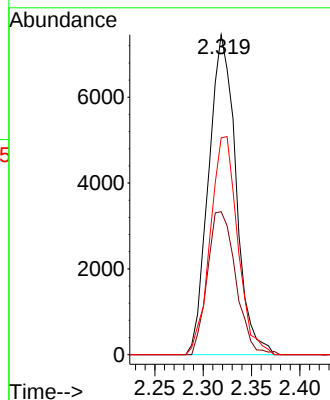
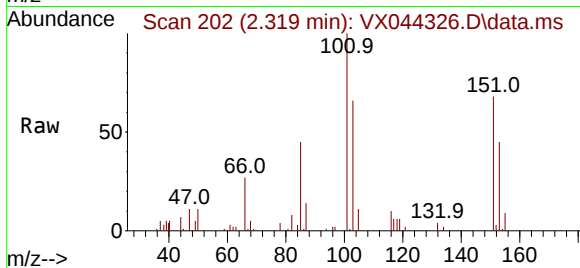




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.110 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

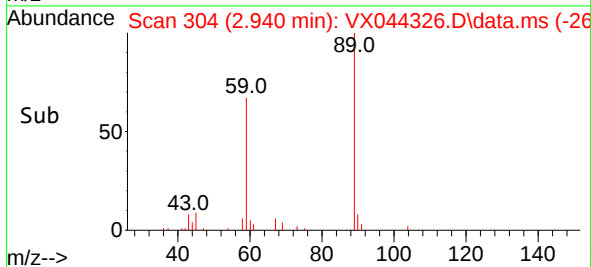
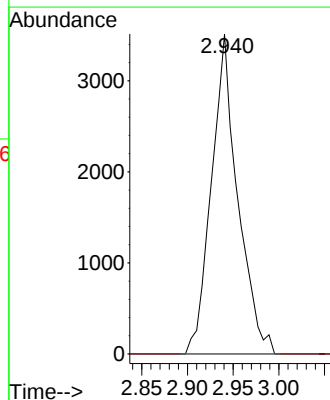
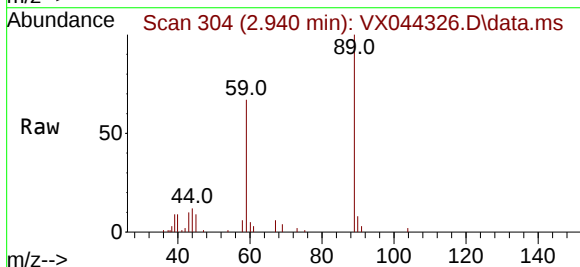
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20241210DL

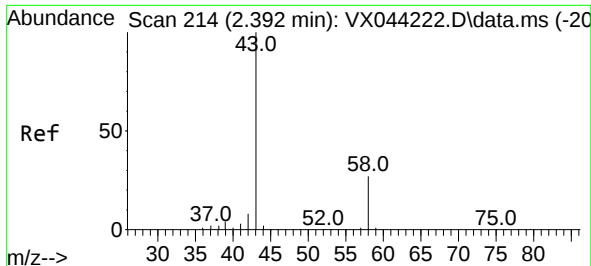
Tgt Ion:101 Resp: 14623
Ion Ratio Lower Upper
101 100
85 46.4 38.5 57.7
151 68.6 55.8 83.6



#11
Tert butyl alcohol
Concen: 24.012 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

Tgt Ion: 59 Resp: 7033
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

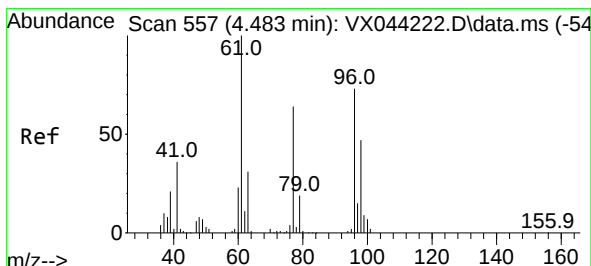
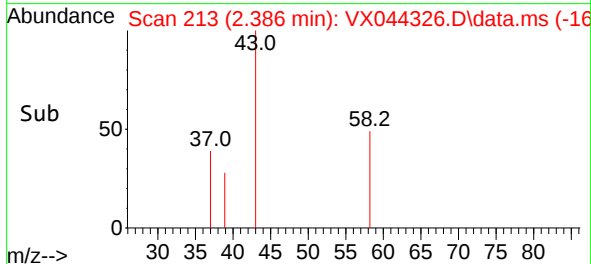
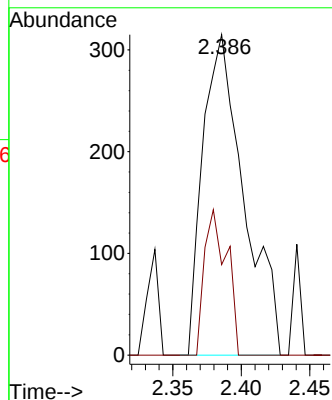
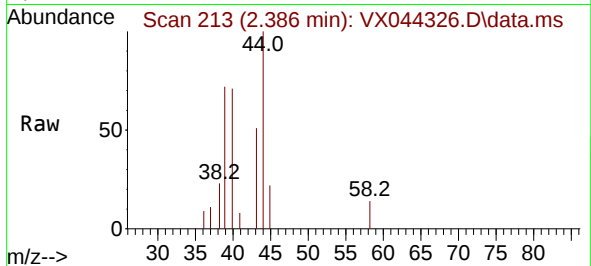




#16
Acetone
Concen: 0.779 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

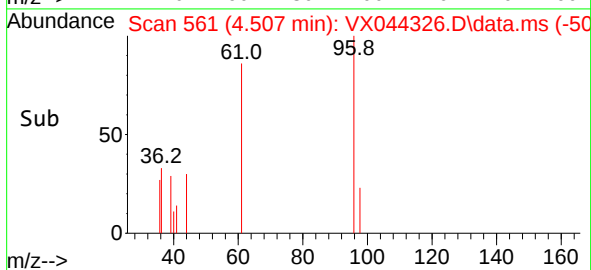
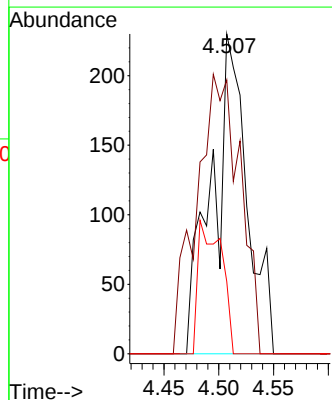
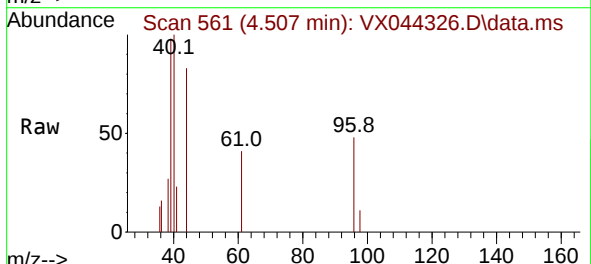
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20241210DL

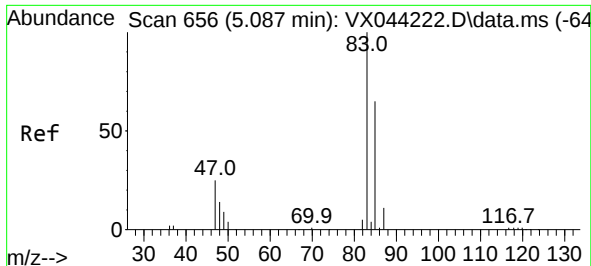
Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
58 28.3 21.6 32.4



#27
cis-1,2-Dichloroethene
Concen: 0.286 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.024 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

Tgt Ion: 96 Resp: 513
Ion Ratio Lower Upper
96 100
61 108.2 0.0 299.0
98 0.0 0.0 129.0





#30

Chloroform

Concen: 0.316 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX044326.D

Acq: 16 Dec 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

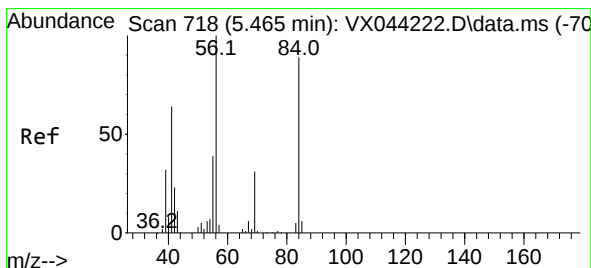
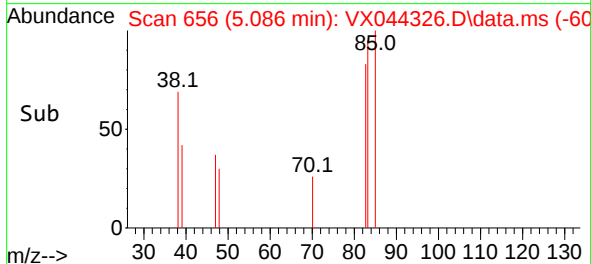
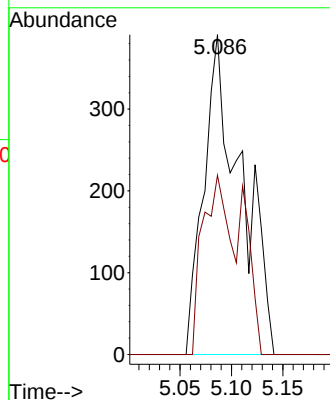
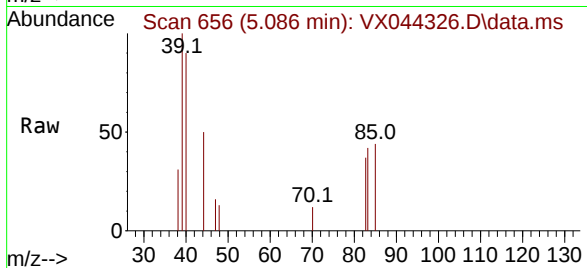
RE120D2-20241210DL

Tgt Ion: 83 Resp: 985

Ion Ratio Lower Upper

83 100

85 56.0 51.6 77.4



#31

Cyclohexane

Concen: 1.376 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.073 min

Lab File: VX044326.D

Acq: 16 Dec 2024 16:06

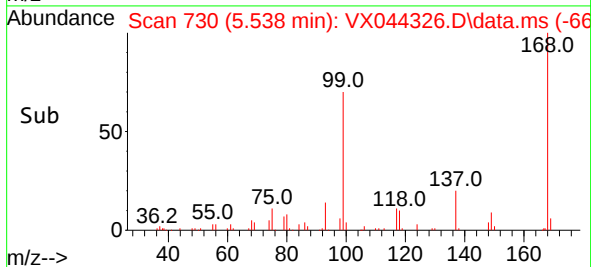
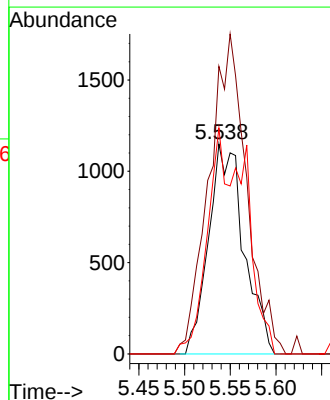
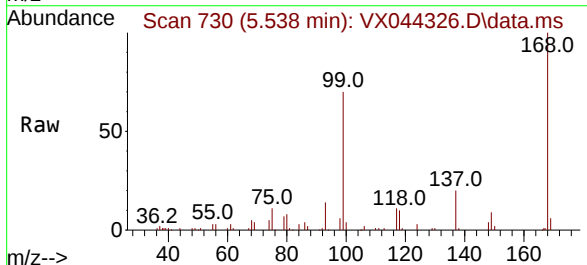
Tgt Ion: 56 Resp: 3086

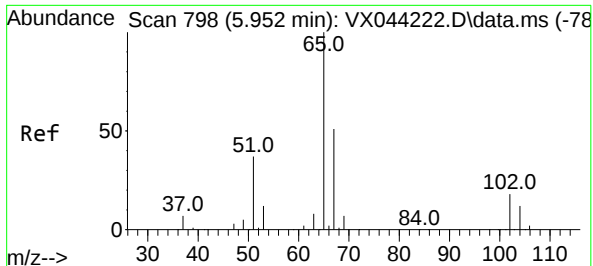
Ion Ratio Lower Upper

56 100

69 132.3 24.7 37.1#

84 107.6 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 46.203 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044326.D

Acq: 16 Dec 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

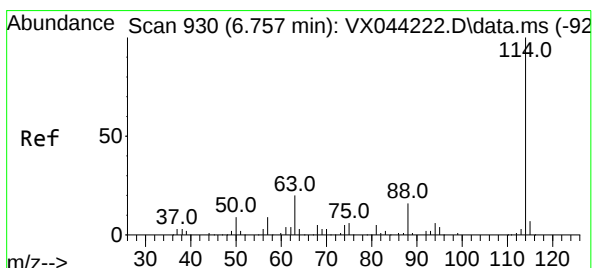
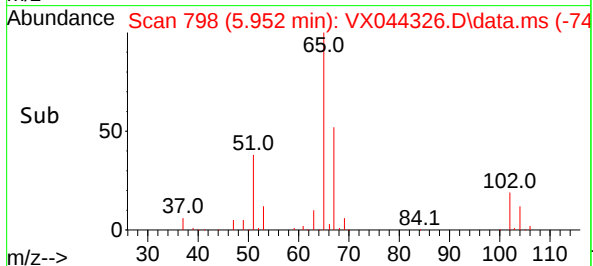
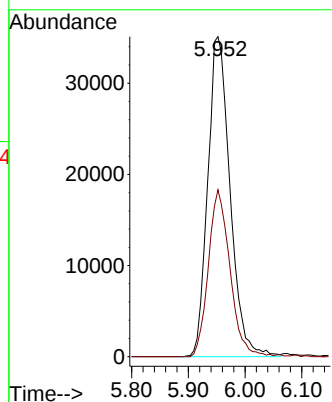
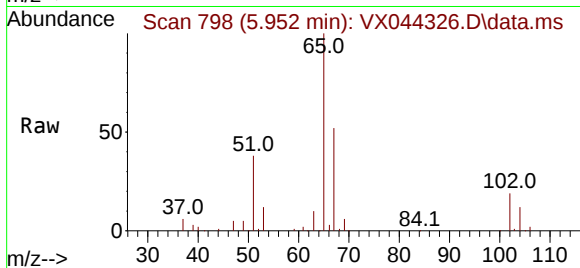
RE120D2-20241210DL

Tgt Ion: 65 Resp: 96019

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX044326.D

Acq: 16 Dec 2024 16:06

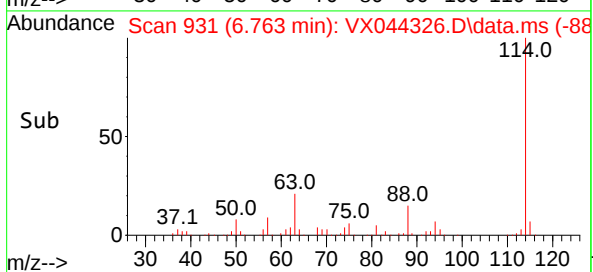
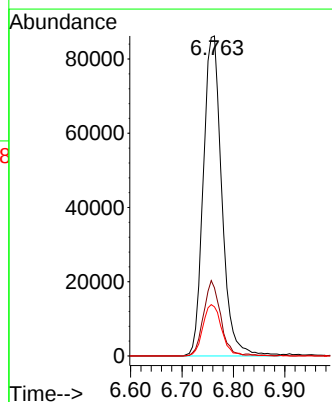
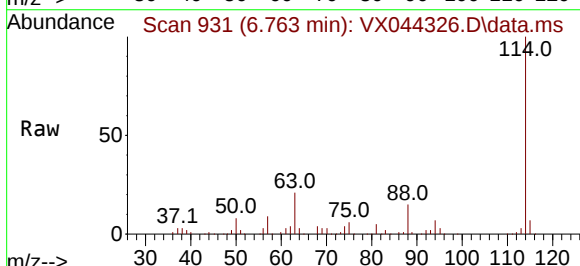
Tgt Ion: 114 Resp: 215461

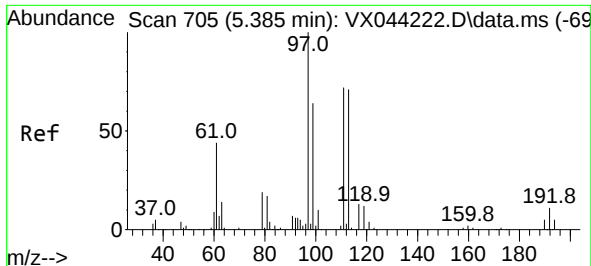
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.6

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.655 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044326.D

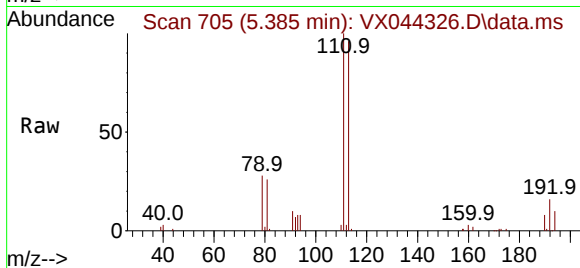
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Instrument :

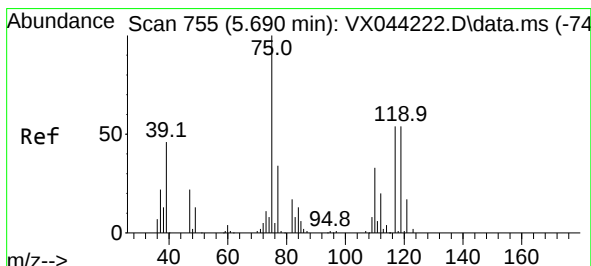
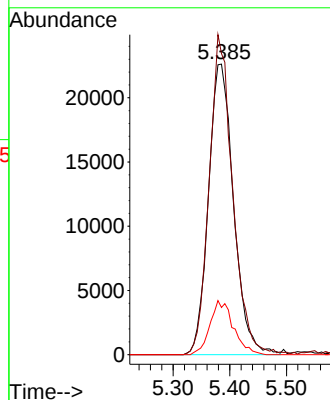
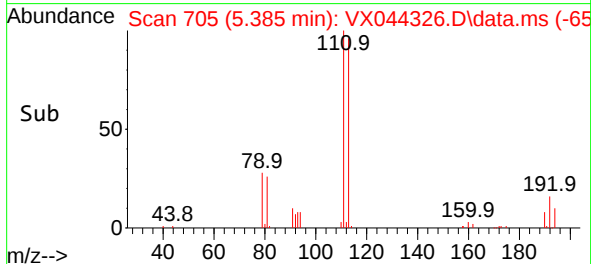
MSVOA_X

ClientSampleId :

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Tgt Ion:	113	Resp:	69622
Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.4	120.6
192	17.4	13.3	19.9



#36

1,1-Dichloropropene

Concen: 5.684 ug/l

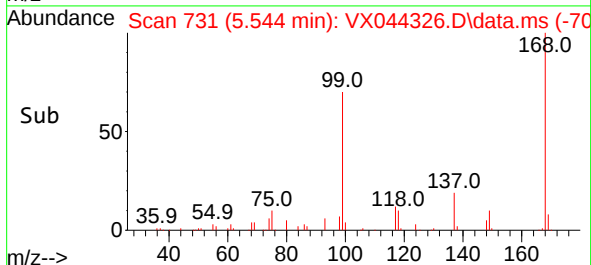
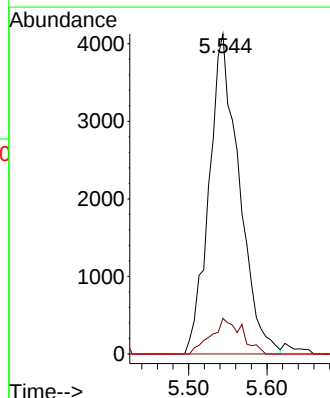
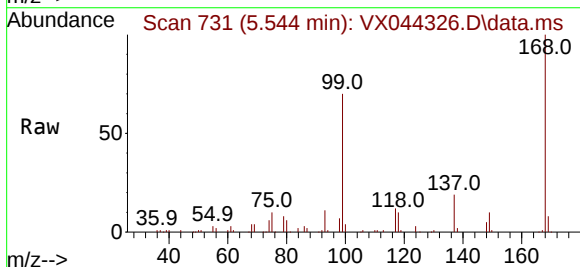
RT: 5.544 min Scan# 731

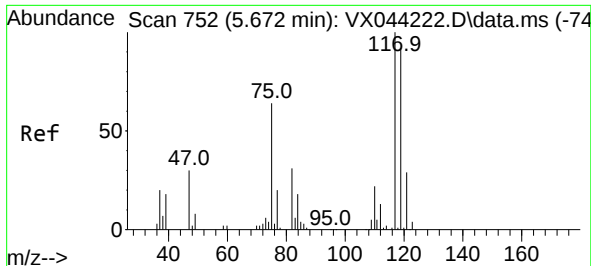
Delta R.T. -0.146 min

Lab File: VX044326.D

Acq: 16 Dec 2024 16:06

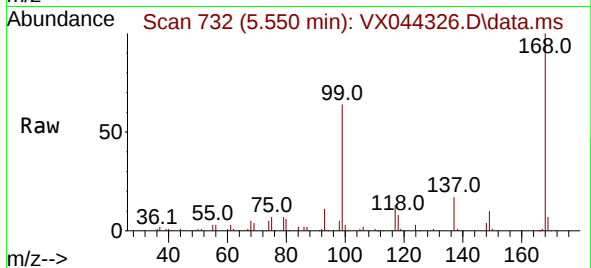
Tgt Ion:	75	Resp:	10964
Ion	Ratio	Lower	Upper
75	100		
110	11.4	17.3	51.7#
77	0.0	25.4	38.0#



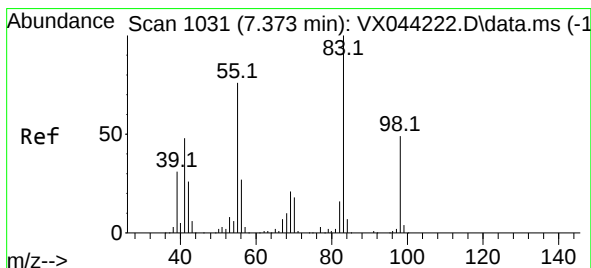
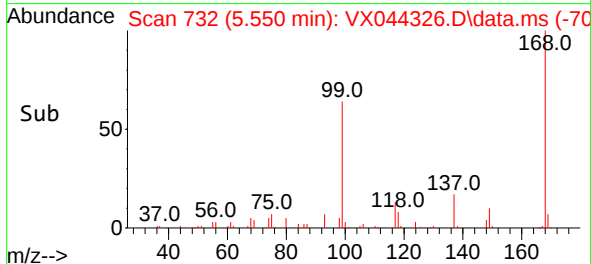
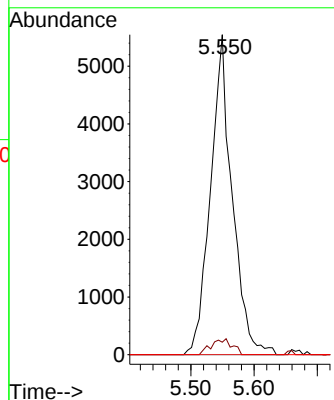


#38
Carbon Tetrachloride
Concen: 6.366 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

Instrument :
MSVOA_X
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RE120D2-20241210DL

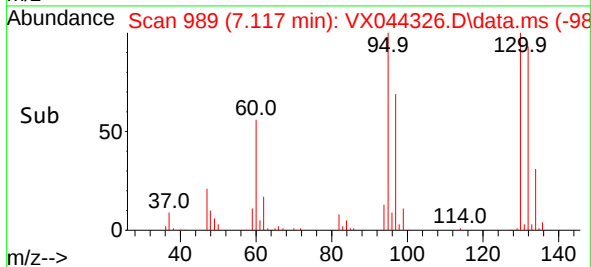
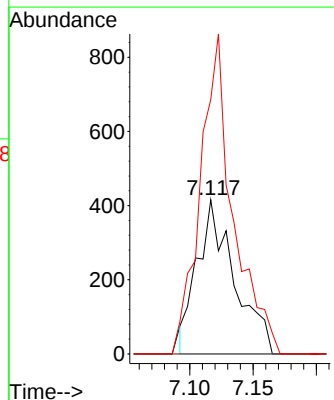
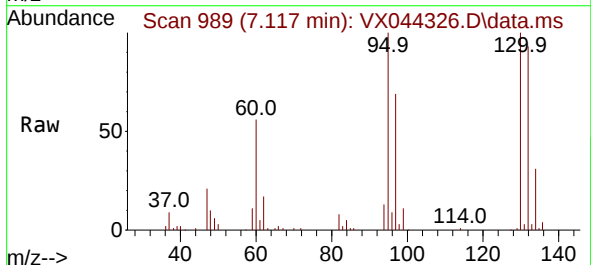


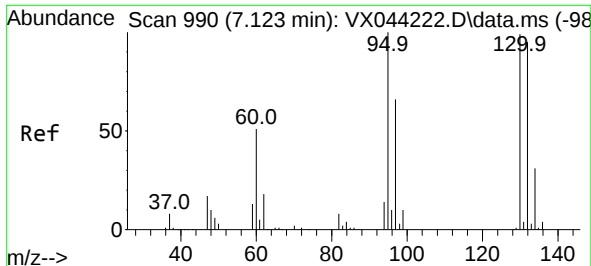
Tgt Ion:117 Resp: 13221
Ion Ratio Lower Upper
117 100
119 3.9 74.2 111.4#
121 0.0 23.0 34.6#



#39
Methylcyclohexane
Concen: 0.367 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.256 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

Tgt Ion: 83 Resp: 847
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 188.5 38.9 58.3#

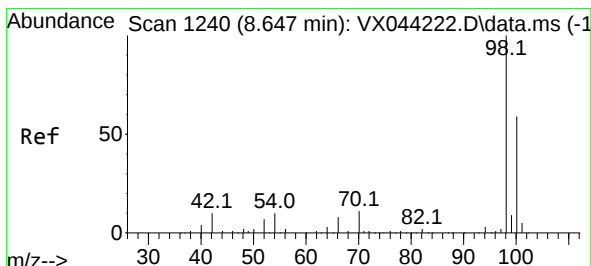
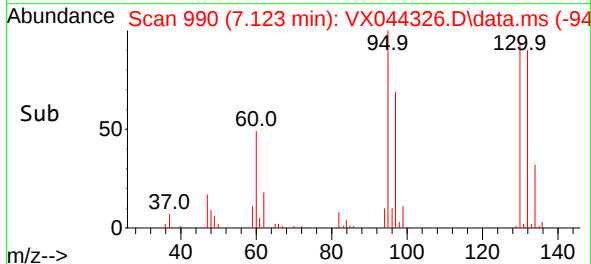
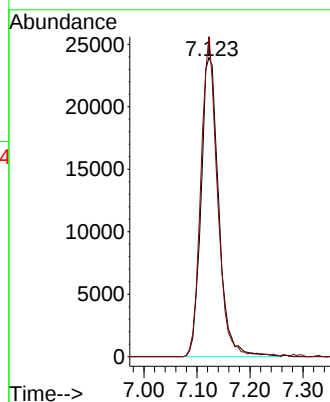
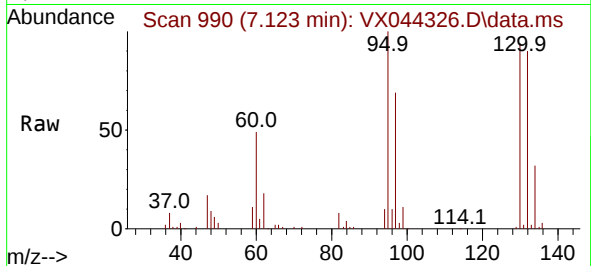




#44
Trichloroethene
Concen: 37.940 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

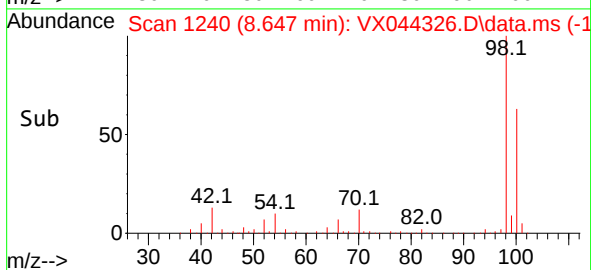
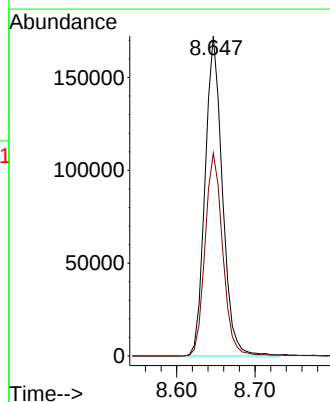
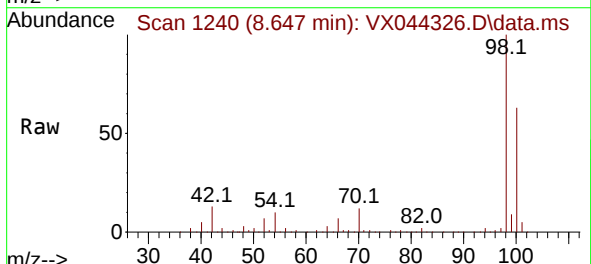
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20241210DL

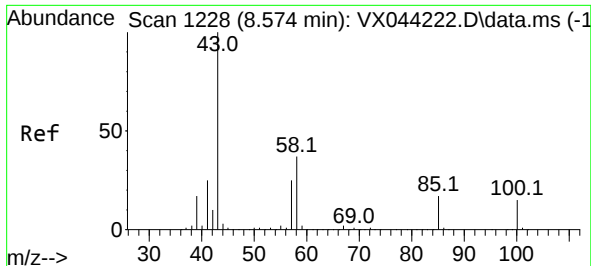
Tgt Ion:130 Resp: 55411
Ion Ratio Lower Upper
130 100
95 106.9 0.0 201.4



#50
Toluene-d8
Concen: 52.548 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

Tgt Ion: 98 Resp: 264552
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 0.517 ug/l

RT: 8.641 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX044326.D

Acq: 16 Dec 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

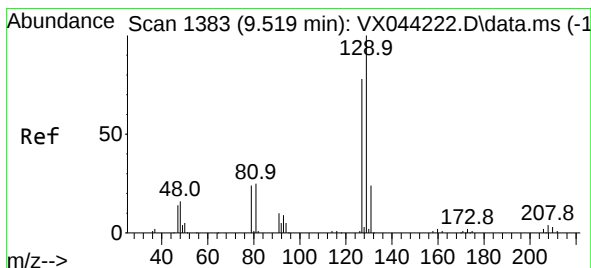
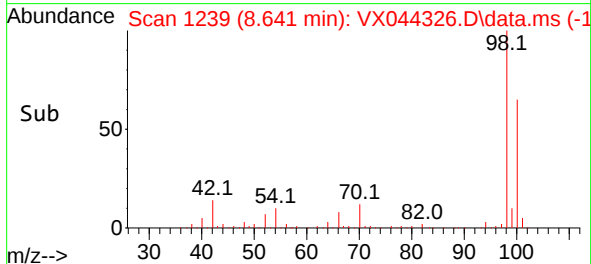
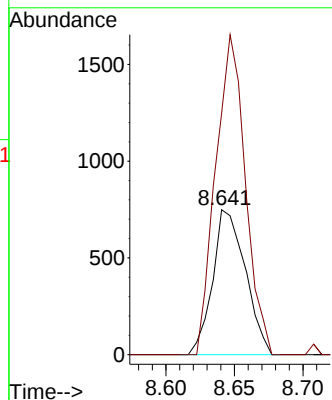
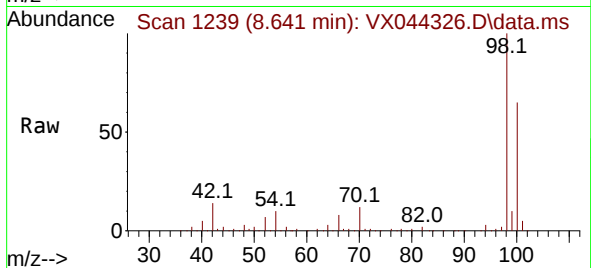
RE120D2-20241210DL

Tgt Ion: 43 Resp: 1240

Ion Ratio Lower Upper

43 100

58 201.6 29.4 44.0#



#60

Dibromochloromethane

Concen: 1.966 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.244 min

Lab File: VX044326.D

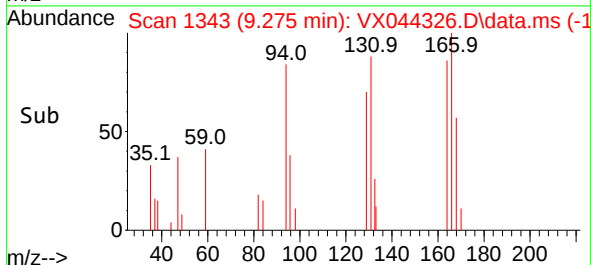
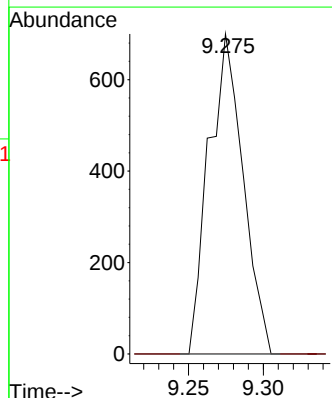
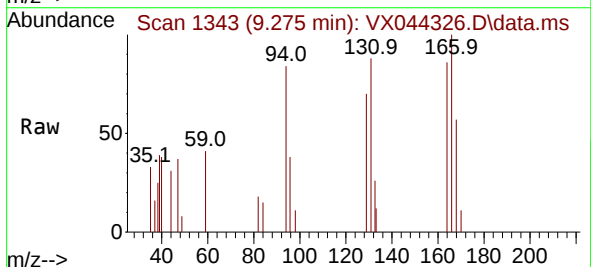
Acq: 16 Dec 2024 16:06

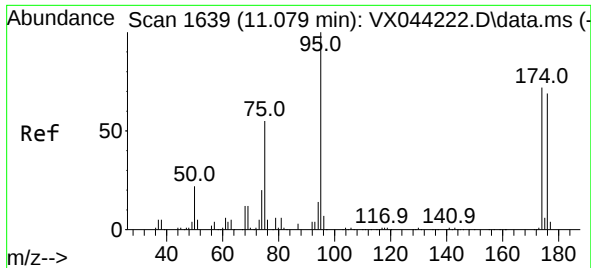
Tgt Ion: 129 Resp: 1115

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.3#

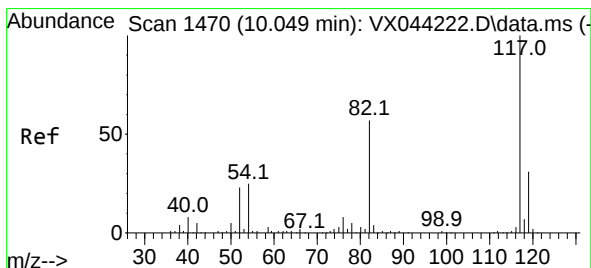
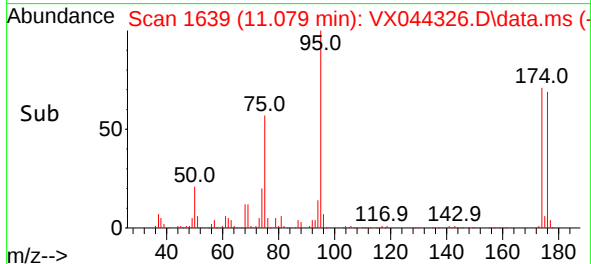
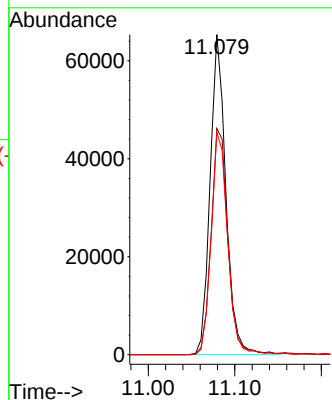
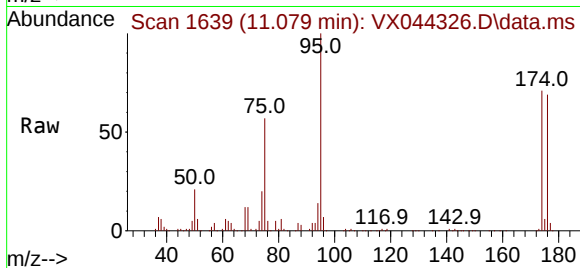




#62
4-Bromofluorobenzene
Concen: 47.050 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

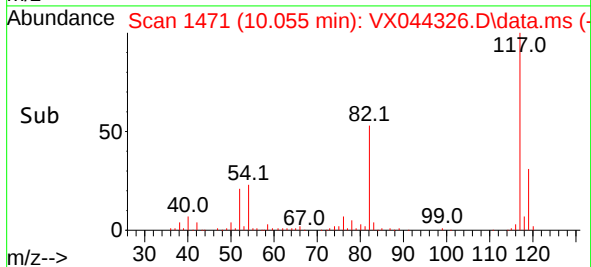
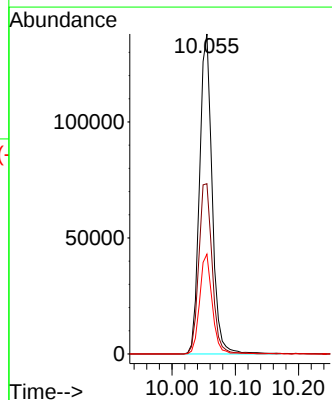
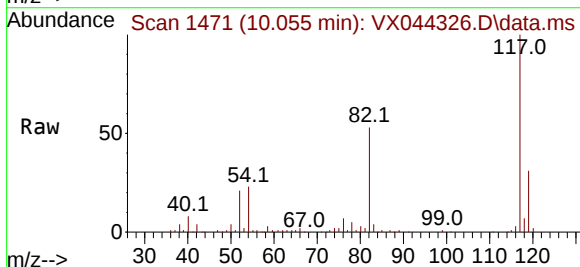
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20241210DL

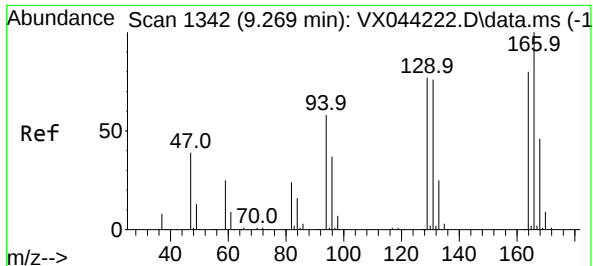
Tgt Ion: 95 Resp: 82769
Ion Ratio Lower Upper
95 100
174 75.0 0.0 145.8
176 72.5 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

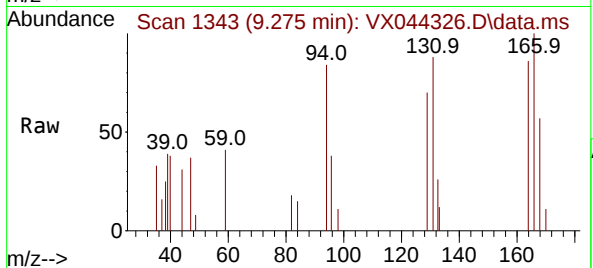
Tgt Ion: 117 Resp: 191459
Ion Ratio Lower Upper
117 100
82 53.2 45.8 68.8
119 31.2 25.0 37.4



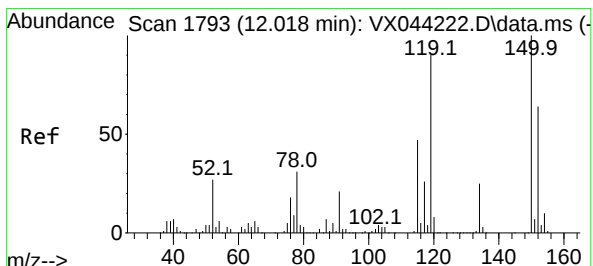
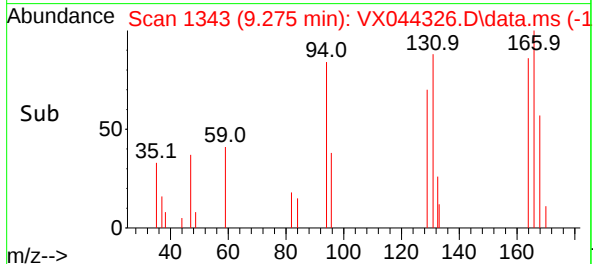
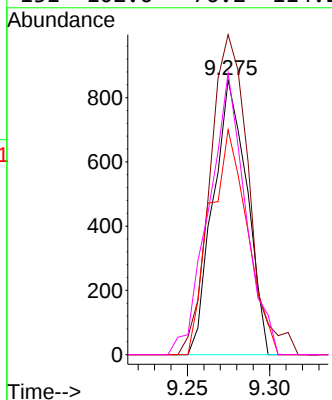


#64
Tetrachloroethene
Concen: 0.955 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20241210DL

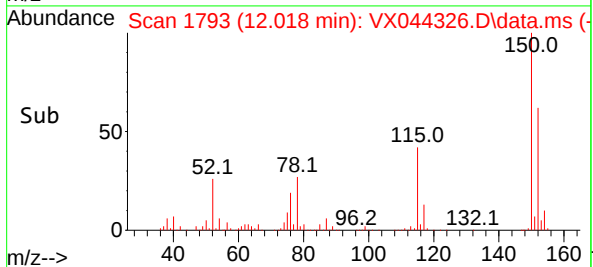
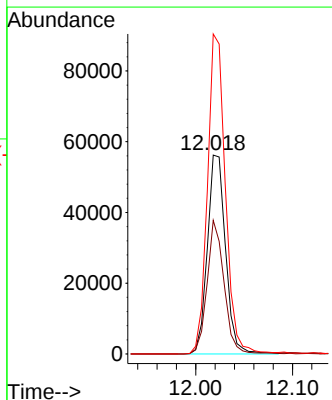
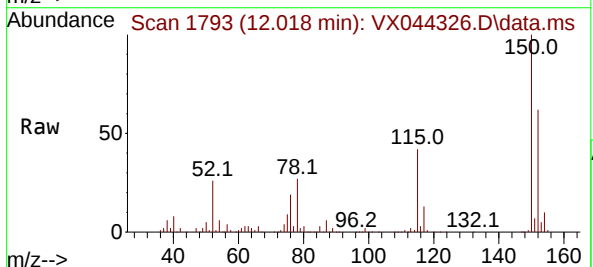


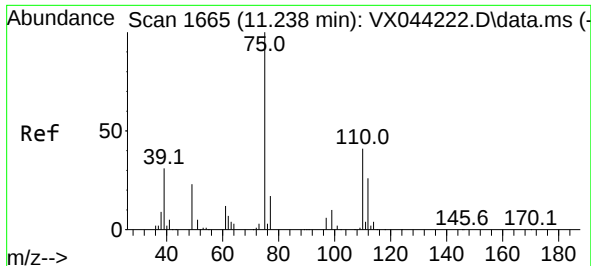
Tgt Ion:	164	Resp:	1214
Ion	Ratio	Lower	Upper
164	100		
166	116.5	100.4	150.6
129	81.9	77.2	115.8
131	102.6	76.2	114.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

Tgt Ion:	152	Resp:	73600
Ion	Ratio	Lower	Upper
152	100		
115	62.6	44.5	133.3
150	158.8	0.0	353.8

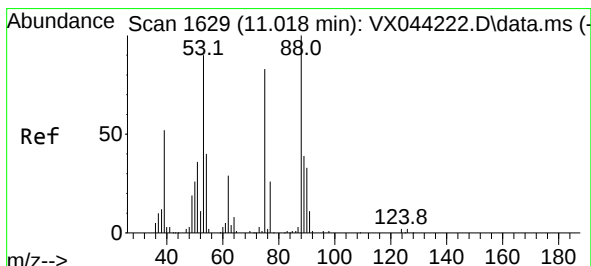
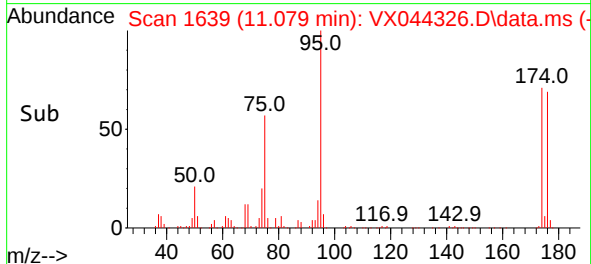
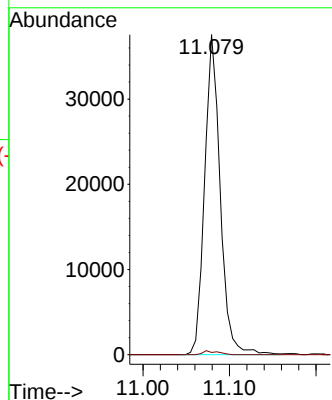
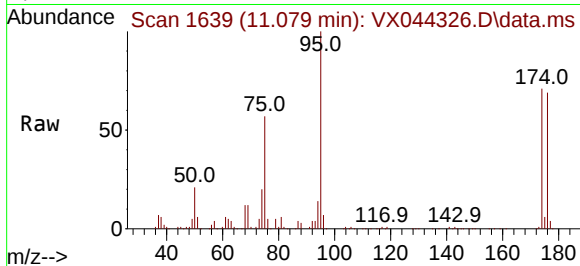




#76
1,2,3-Trichloropropane
Concen: 28.592 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20241210DL

Tgt Ion: 75 Resp: 46985
Ion Ratio Lower Upper
75 100
77 1.2 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.367 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044326.D
Acq: 16 Dec 2024 16:06

Tgt Ion: 75 Resp: 46985
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

