

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043292.D
 Acq On : 04 Oct 2024 16:24
 Operator : JC/MD
 Sample : P4263-08DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP11-20240930DL

Quant Time: Oct 04 23:33:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

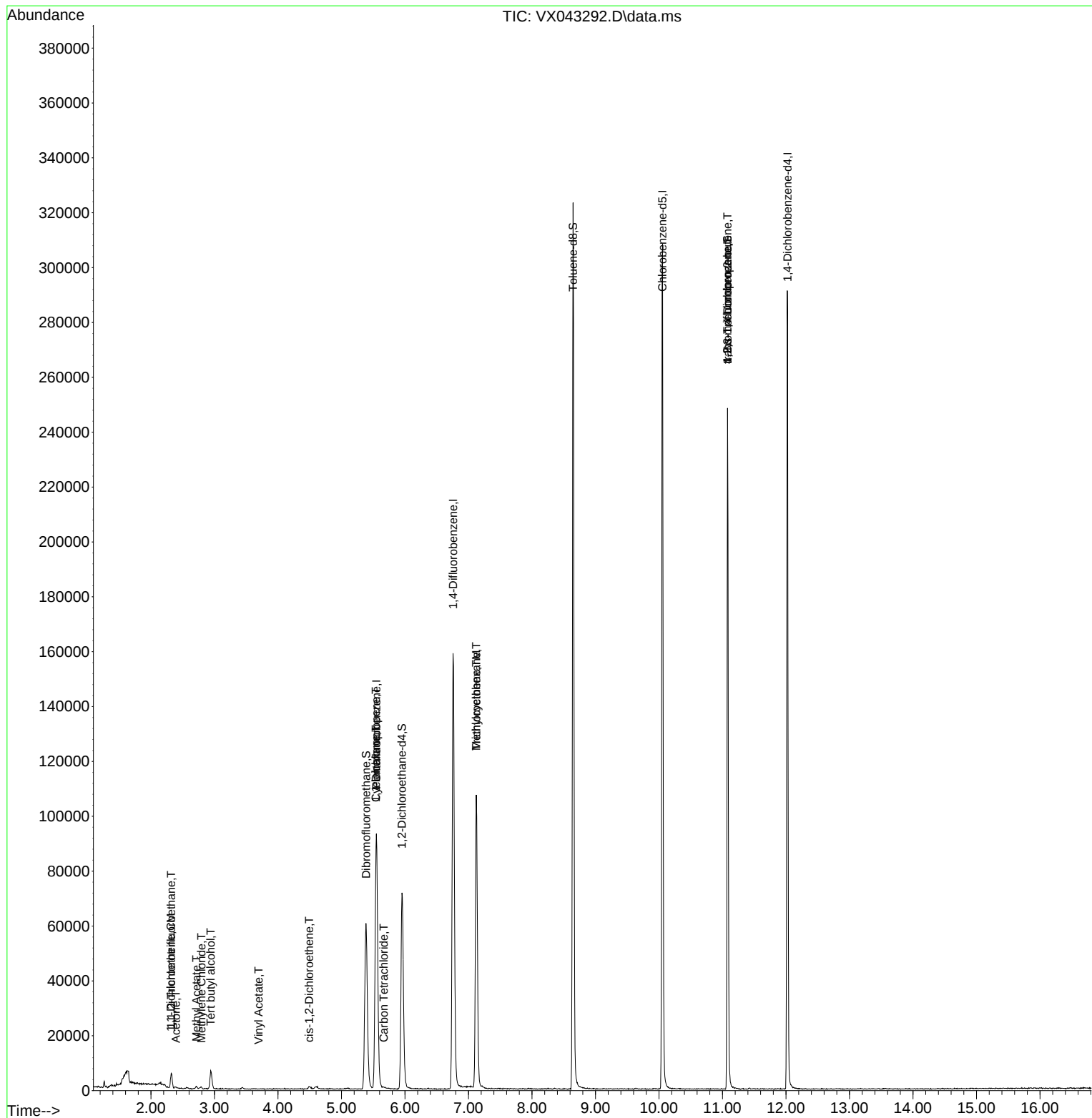
Internal Standards								
1) Pentafluorobenzene			5.550	168	83956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene			6.757	114	161604	50.000	ug/l	0.00
63) Chlorobenzene-d5			10.055	117	140077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			12.024	152	58435	50.000	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			5.952	65	74105	54.047	ug/l	0.00
Spiked Amount 50.000			Range 74 - 125		Recovery = 108.100%			
35) Dibromofluoromethane			5.385	113	52969	47.528	ug/l	0.00
Spiked Amount 50.000			Range 75 - 124		Recovery = 95.060%			
50) Toluene-d8			8.647	98	193242	50.034	ug/l	0.00
Spiked Amount 50.000			Range 86 - 113		Recovery = 100.060%			
62) 4-Bromofluorobenzene			11.079	95	68052	48.501	ug/l	0.00
Spiked Amount 50.000			Range 77 - 121		Recovery = 97.000%			
Target Compounds								
								Qvalue
9) 1,1,2-Trichlorotrifluo...			2.319	101	2067	2.200	ug/l	95
11) Tert butyl alcohol			2.941	59	3802	14.572	ug/l #	71
12) 1,1-Dichloroethene			2.313	96	301	0.323	ug/l	87
16) Acetone			2.392	43	751	1.312	ug/l	89
18) Methyl Acetate			2.715	43	1395	0.971	ug/l #	86
20) Methylene Chloride			2.794	84	329	0.312	ug/l #	91
23) Vinyl Acetate			3.697	43	29	6.347	ug/l #	71
27) cis-1,2-Dichloroethene			4.489	96	673	0.581	ug/l	85
31) Cyclohexane			5.544	56	2065	1.396	ug/l #	8
36) 1,1-Dichloropropene			5.544	75	7440	5.284	ug/l #	51
38) Carbon Tetrachloride			5.666	117	389	0.233	ug/l #	65
39) Methylcyclohexane			7.123	83	493	0.278	ug/l #	1
44) Trichloroethene			7.123	130	40486	35.758	ug/l	97
76) 1,2,3-Trichloropropane			11.079	75	37515	28.943	ug/l #	34
81) trans-1,4-Dichloro-2-b...			11.079	75	37515	75.011	ug/l #	8

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

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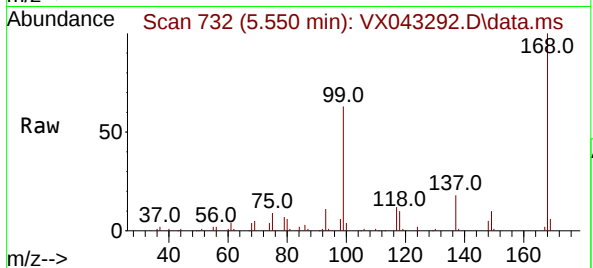
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration



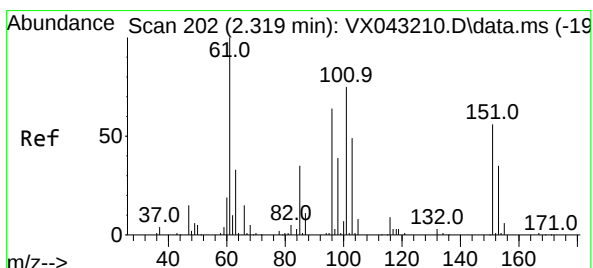
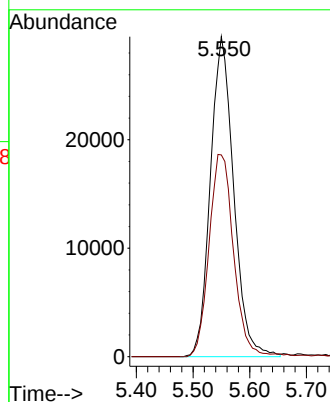
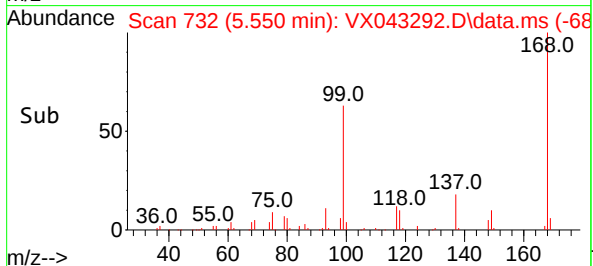


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX043292.D
Acq: 04 Oct 2024 16:24

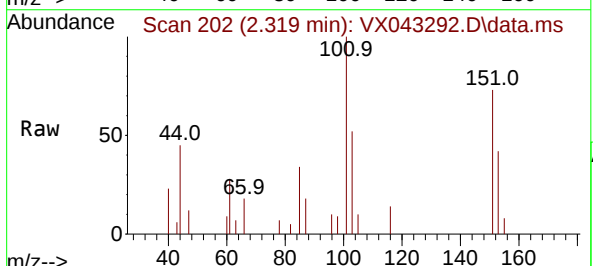
Instrument :
MSVOA_X
ClientSampleId :
DUP11-20240930DL



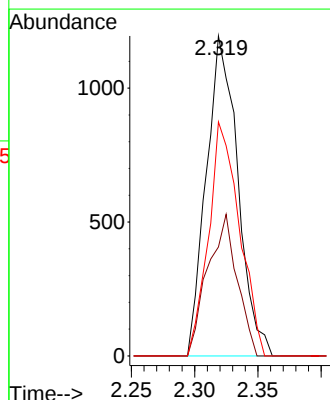
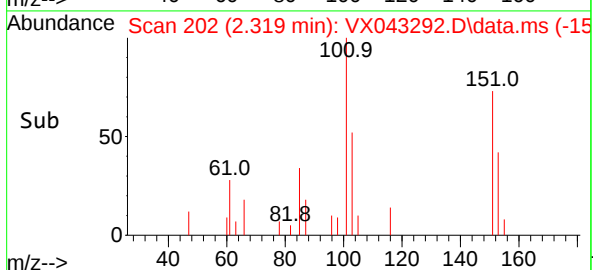
Tgt Ion:168 Resp: 83956
Ion Ratio Lower Upper
168 100
99 63.0 49.7 74.5

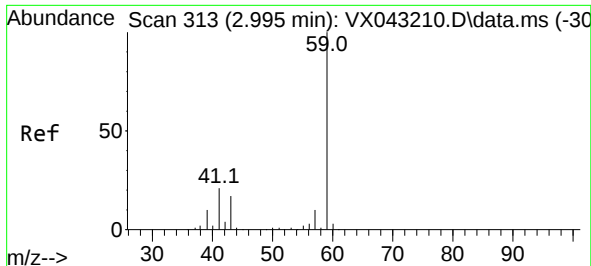


#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.200 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX043292.D
Acq: 04 Oct 2024 16:24



Tgt Ion:101 Resp: 2067
Ion Ratio Lower Upper
101 100
85 41.4 37.0 55.6
151 71.7 60.0 90.0





#11

Tert butyl alcohol

Concen: 14.572 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX043292.D

Acq: 04 Oct 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

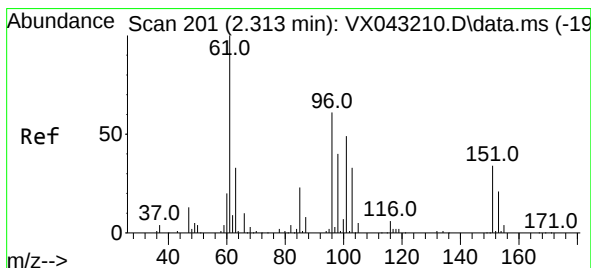
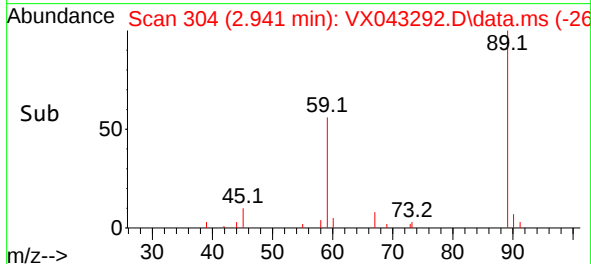
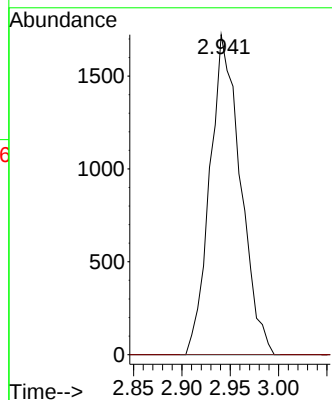
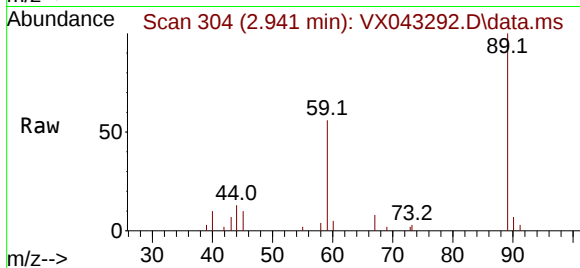
DUP11-20240930DL

Tgt Ion: 59 Resp: 3802

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



#12

1,1-Dichloroethene

Concen: 0.323 ug/l

RT: 2.313 min Scan# 201

Delta R.T. 0.000 min

Lab File: VX043292.D

Acq: 04 Oct 2024 16:24

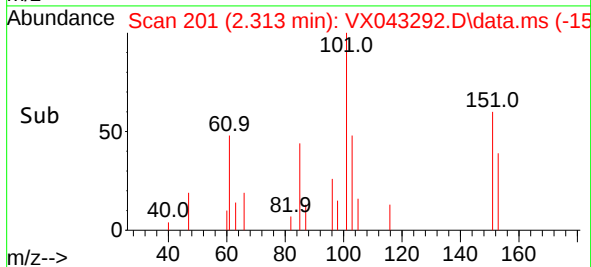
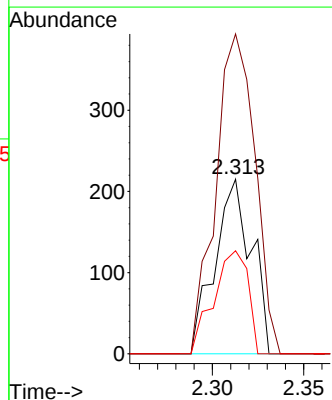
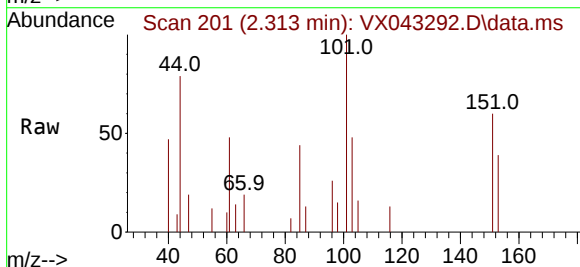
Tgt Ion: 96 Resp: 301

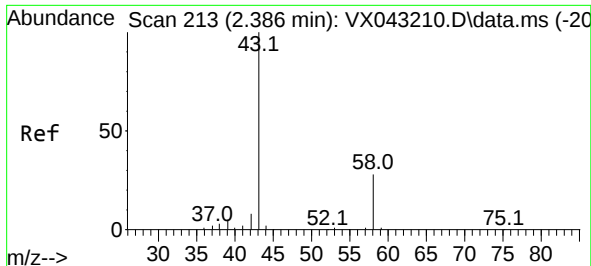
Ion Ratio Lower Upper

96 100

61 183.3 130.6 195.8

98 59.1 51.7 77.5

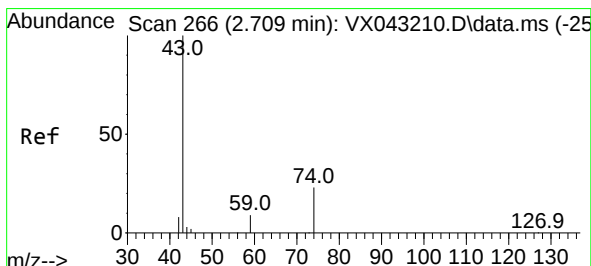
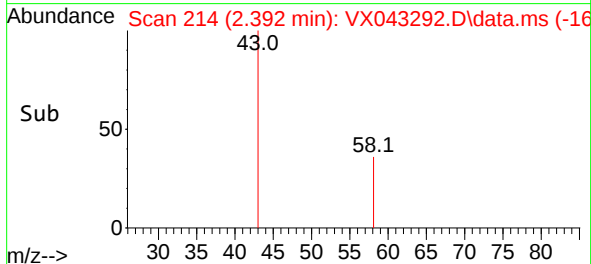
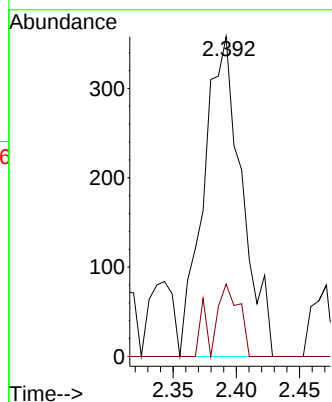
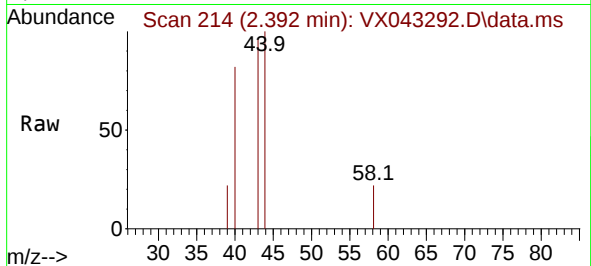




#16
Acetone
Concen: 1.312 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX043292.D
Acq: 04 Oct 2024 16:24

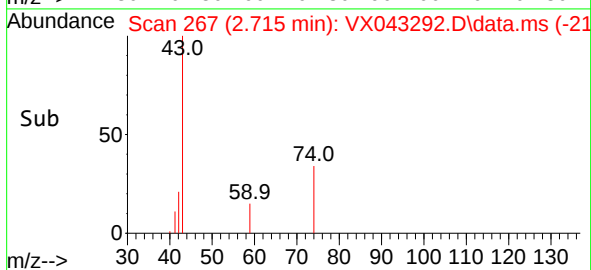
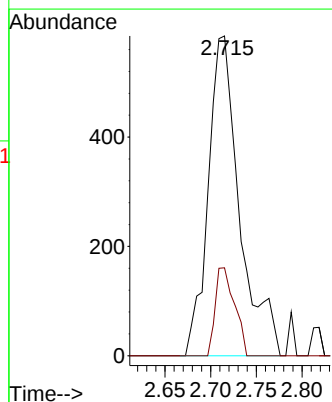
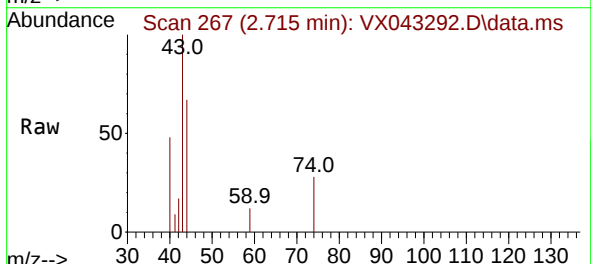
Instrument :
MSVOA_X
ClientSampleId :
DUP11-20240930DL

Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
58 22.6 22.6 33.8



#18
Methyl Acetate
Concen: 0.971 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX043292.D
Acq: 04 Oct 2024 16:24

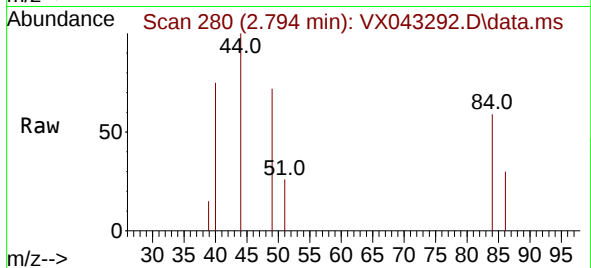
Tgt Ion: 43 Resp: 1395
Ion Ratio Lower Upper
43 100
74 16.9 19.1 28.7#



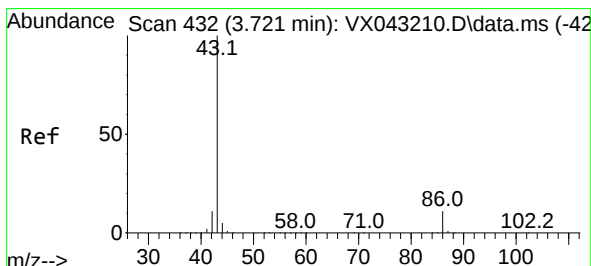
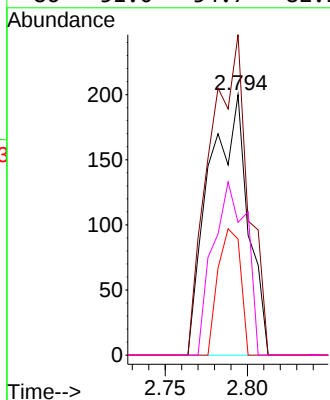
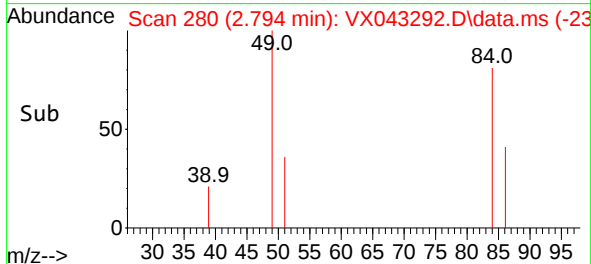


#20
Methylene Chloride
Concen: 0.312 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043292.D
Acq: 04 Oct 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
DUP11-20240930DL

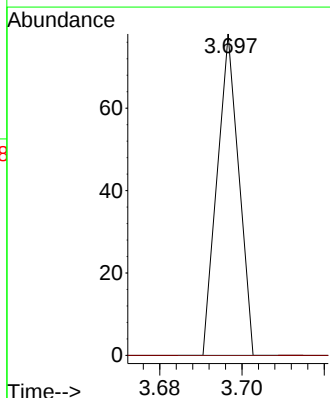
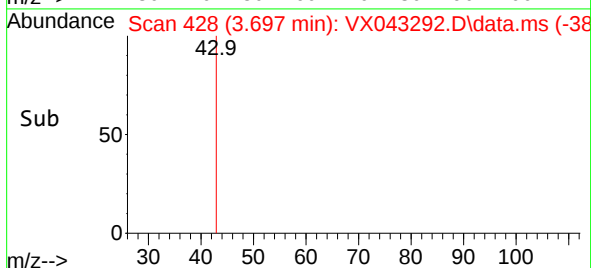
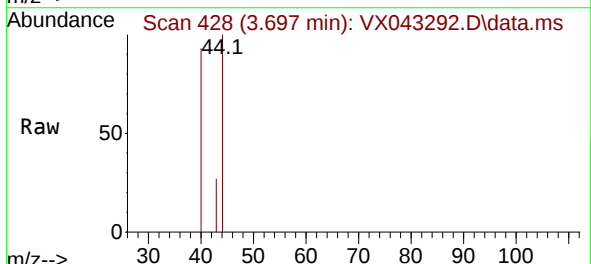


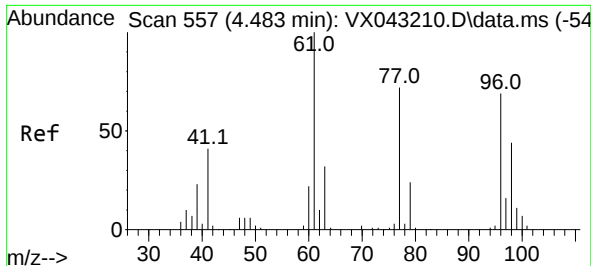
Tgt Ion:	84	Resp:	329
Ion	Ratio	Lower	Upper
84	100		
49	123.0	96.7	145.1
51	44.5	30.4	45.6
86	51.0	54.7	82.1#



#23
Vinyl Acetate
Concen: 6.347 ug/l
RT: 3.697 min Scan# 428
Delta R.T. -0.024 min
Lab File: VX043292.D
Acq: 04 Oct 2024 16:24

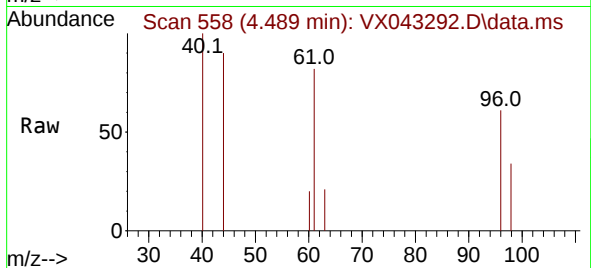
Tgt Ion:	43	Resp:	29
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#



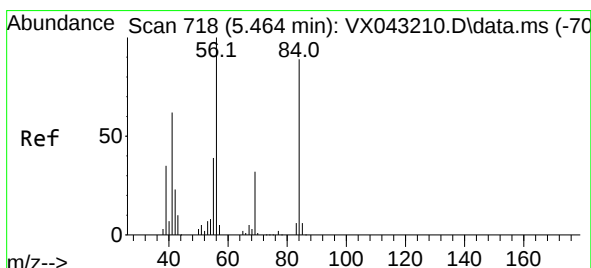
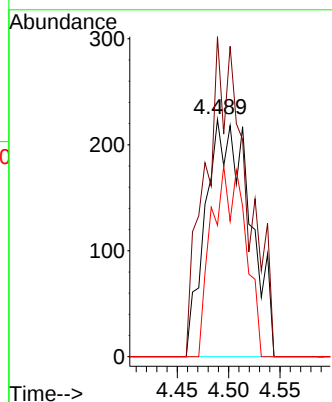
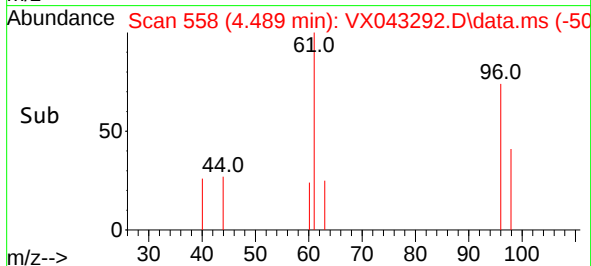


#27
cis-1,2-Dichloroethene
Concen: 0.581 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX043292.D
Acq: 04 Oct 2024 16:24

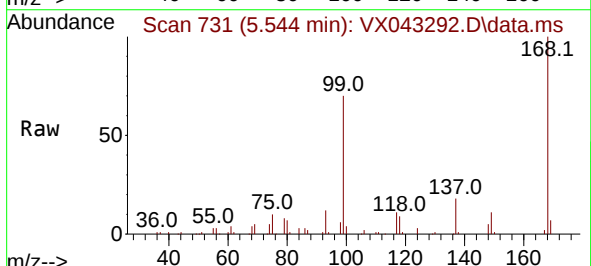
Instrument :
MSVOA_X
ClientSampleId :
DUP11-20240930DL



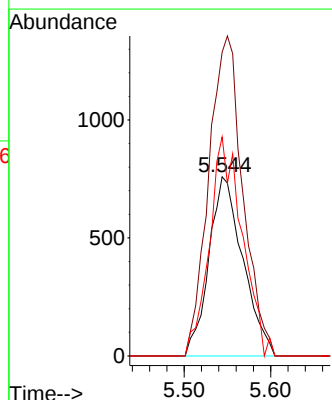
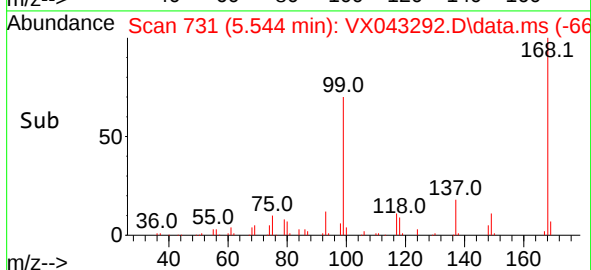
Tgt Ion: 96	Resp: 673
Ion Ratio	Lower Upper
96 100	
61 123.9	0.0 298.2
98 60.9	0.0 128.6



#31
Cyclohexane
Concen: 1.396 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX043292.D
Acq: 04 Oct 2024 16:24



Tgt Ion: 56	Resp: 2065
Ion Ratio	Lower Upper
56 100	
69 169.6	25.8 38.6#
84 122.3	71.1 106.7#





#33

1,2-Dichloroethane-d4

Concen: 54.047 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX043292.D

Acq: 04 Oct 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

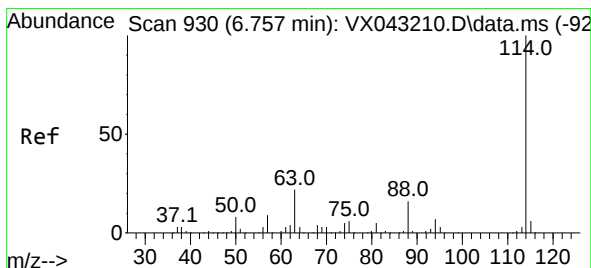
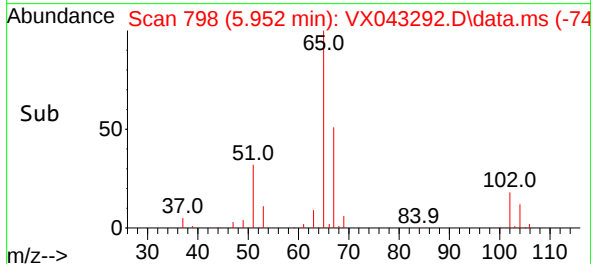
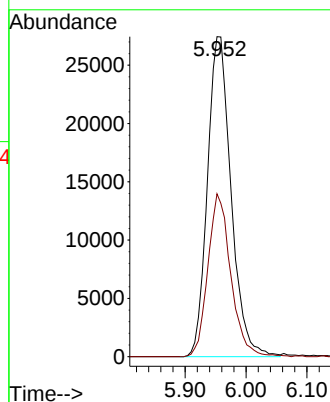
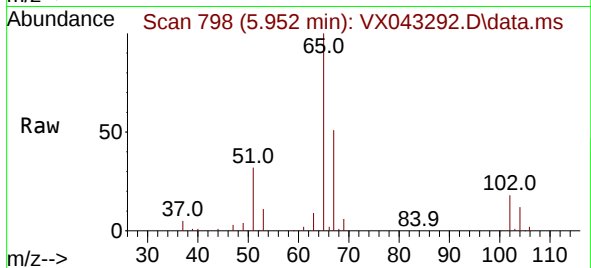
DUP11-20240930DL

Tgt Ion: 65 Resp: 74105

Ion Ratio Lower Upper

65 100

67 49.3 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX043292.D

Acq: 04 Oct 2024 16:24

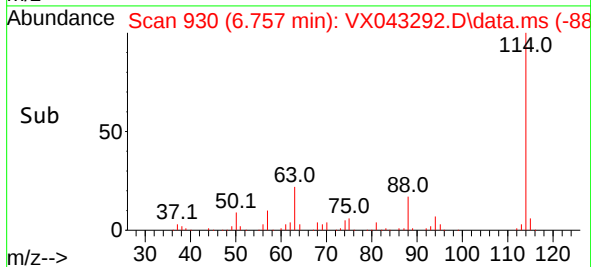
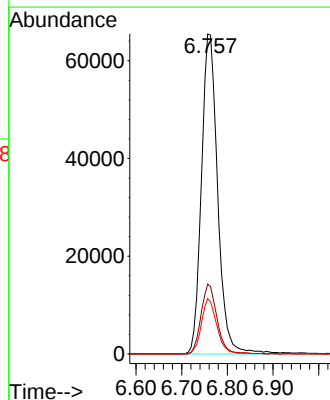
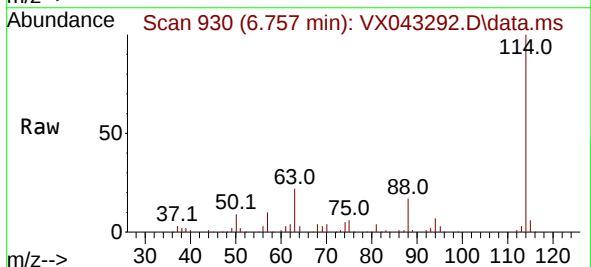
Tgt Ion: 114 Resp: 161604

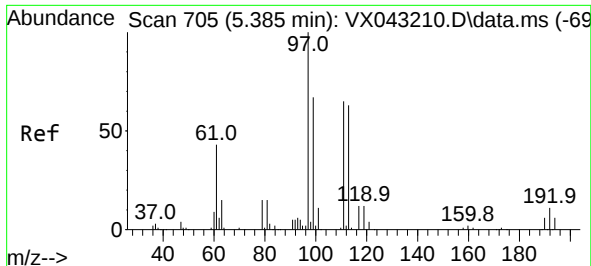
Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.0

88 17.3 0.0 33.0

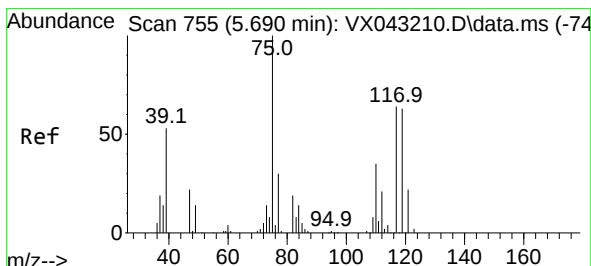
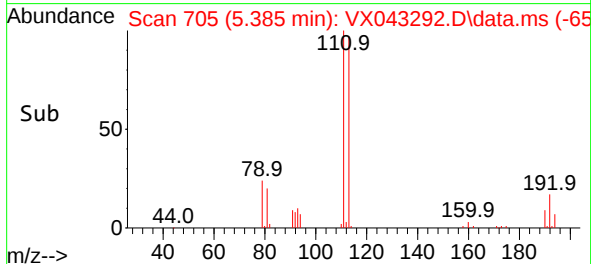
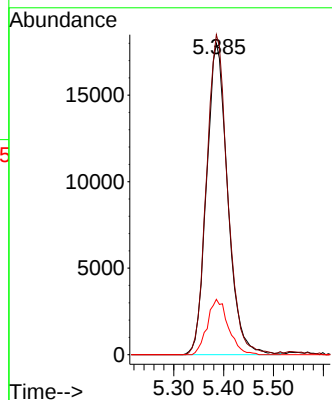
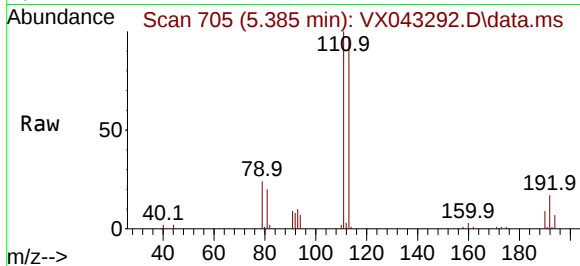




#35
Dibromofluoromethane
Concen: 47.528 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043292.D
Acq: 04 Oct 2024 16:24

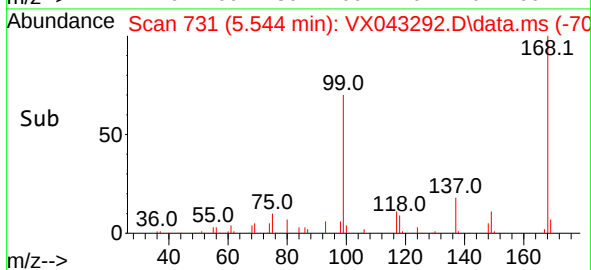
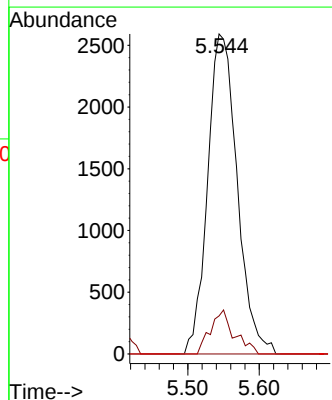
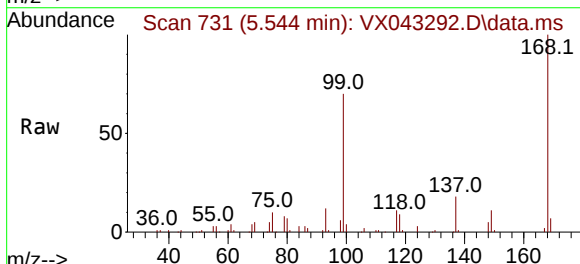
Instrument :
MSVOA_X
ClientSampleId :
DUP11-20240930DL

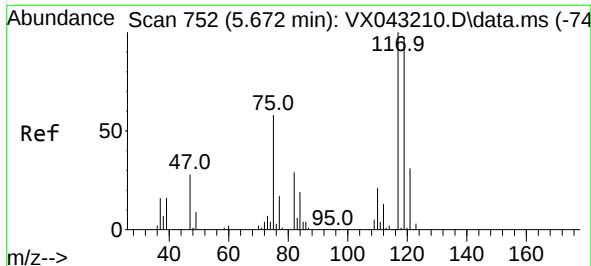
Tgt Ion:113 Resp: 52969
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.0
192 17.7 14.1 21.1



#36
1,1-Dichloropropene
Concen: 5.284 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX043292.D
Acq: 04 Oct 2024 16:24

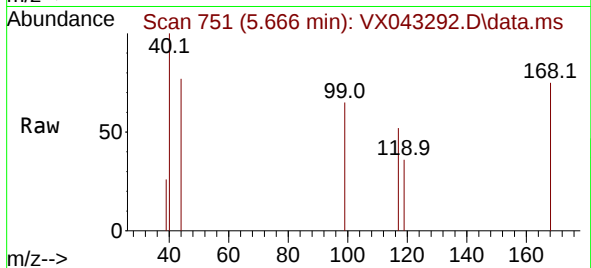
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Ion Ratio Lower Upper
75 100
110 11.0 17.8 53.3#
77 0.0 24.9 37.3#



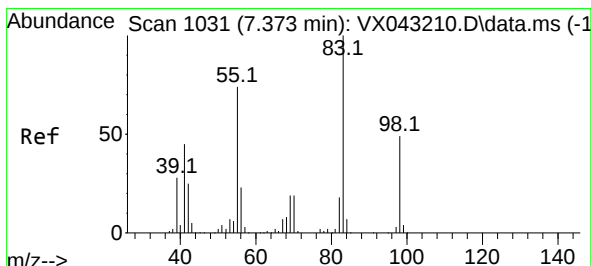
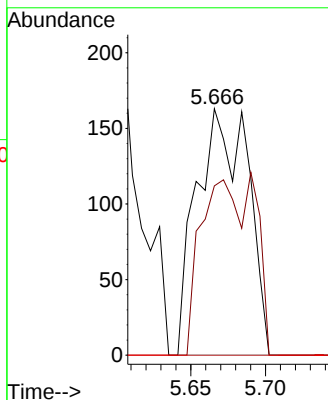
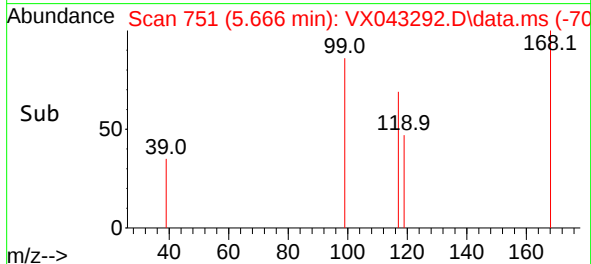


#38
Carbon Tetrachloride
Concen: 0.233 ug/l
RT: 5.666 min Scan# 711
Delta R.T. -0.006 min
Lab File: VX043292.D
Acq: 04 Oct 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
DUP11-20240930DL

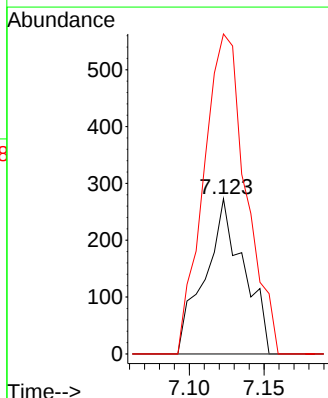
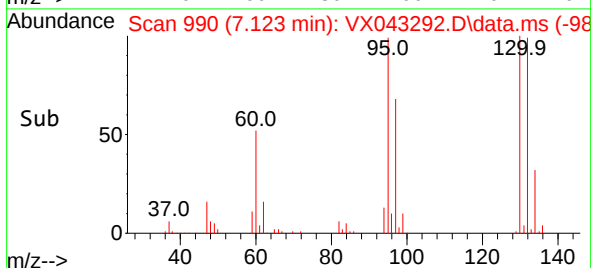
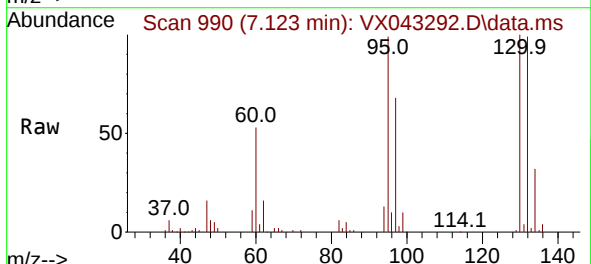


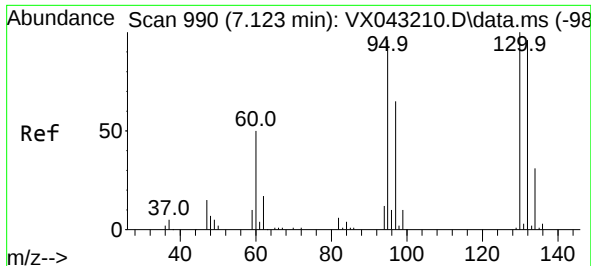
Tgt Ion:117 Resp: 389
Ion Ratio Lower Upper
117 100
119 68.7 77.7 116.5#
121 0.0 24.3 36.5#



#39
Methylcyclohexane
Concen: 0.278 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.250 min
Lab File: VX043292.D
Acq: 04 Oct 2024 16:24

Tgt Ion: 83 Resp: 493
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 206.2 39.3 58.9#

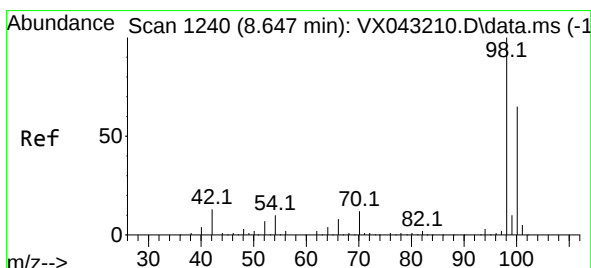
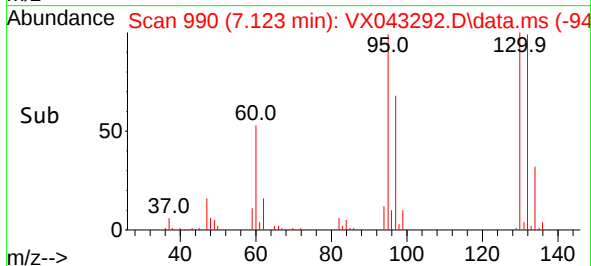
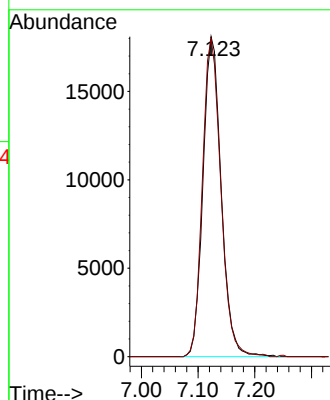
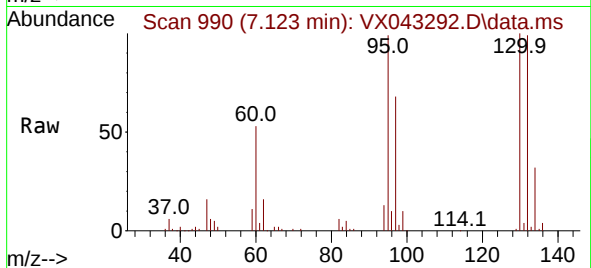




#44
Trichloroethene
Concen: 35.758 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX043292.D
Acq: 04 Oct 2024 16:24

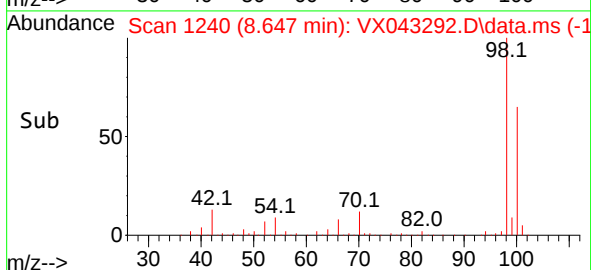
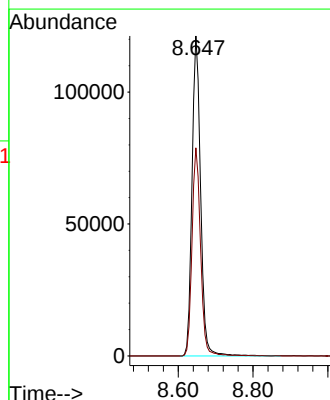
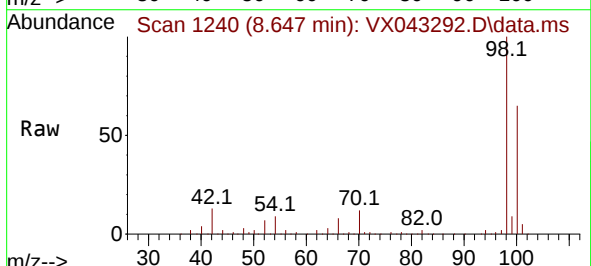
Instrument :
MSVOA_X
ClientSampleId :
DUP11-20240930DL

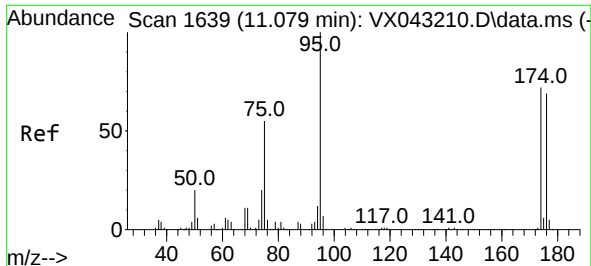
Tgt Ion:130 Resp: 40486
Ion Ratio Lower Upper
130 100
95 99.3 0.0 192.2



#50
Toluene-d8
Concen: 50.034 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043292.D
Acq: 04 Oct 2024 16:24

Tgt Ion: 98 Resp: 193242
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 48.501 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043292.D

Acq: 04 Oct 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

DUP11-20240930DL

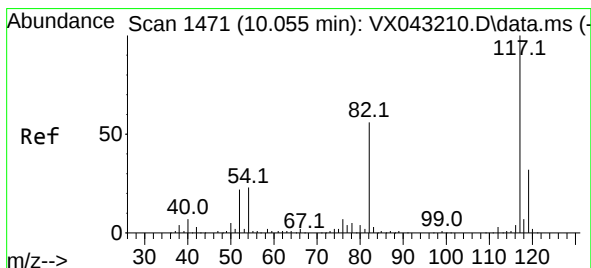
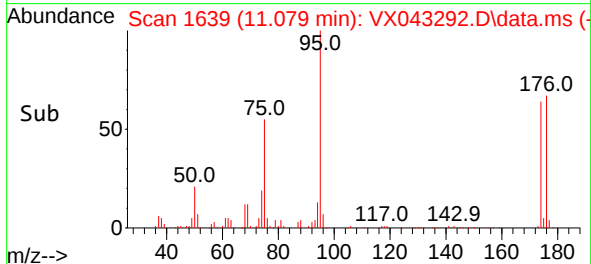
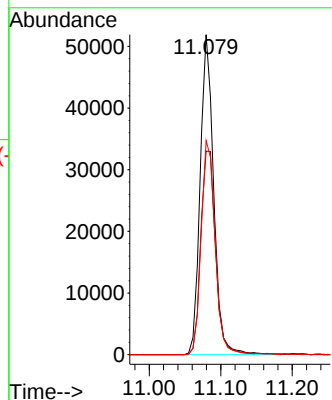
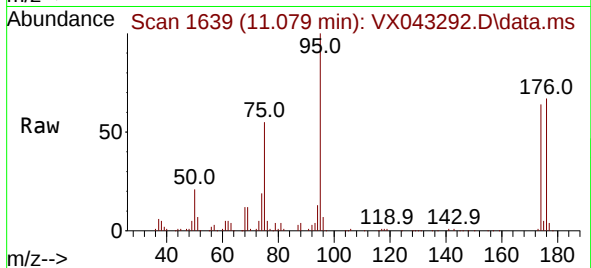
Tgt Ion: 95 Resp: 68052

Ion Ratio Lower Upper

95 100

174 69.6 0.0 145.0

176 69.5 0.0 143.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX043292.D

Acq: 04 Oct 2024 16:24

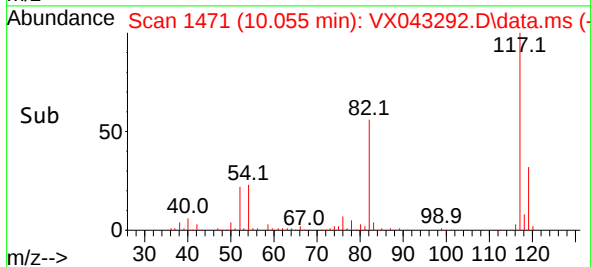
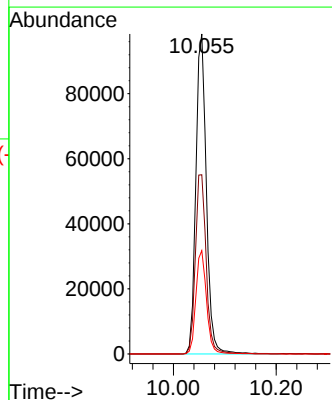
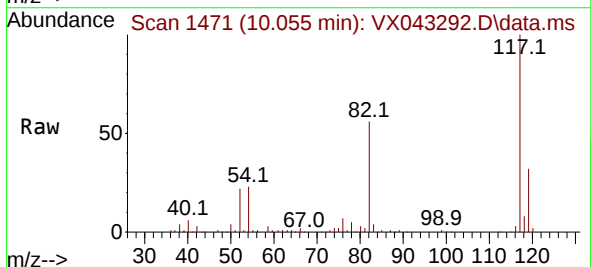
Tgt Ion: 117 Resp: 140077

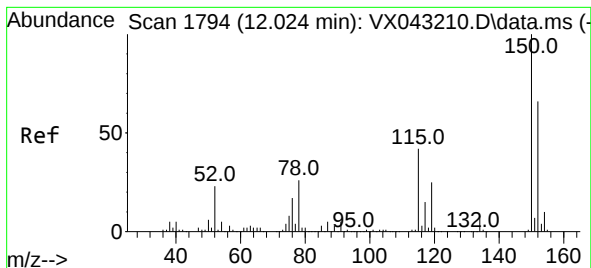
Ion Ratio Lower Upper

117 100

82 56.0 45.0 67.6

119 32.3 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX043292.D

Acq: 04 Oct 2024 16:24

Instrument :

MSVOA_X

ClientSampleId :

DUP11-20240930DL

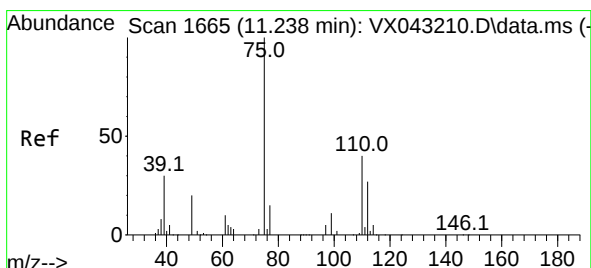
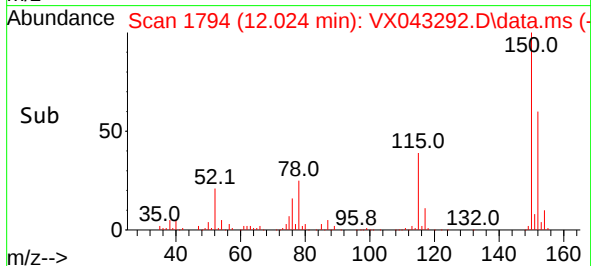
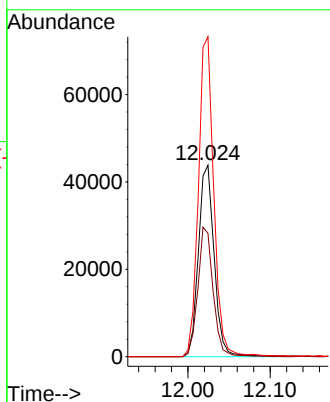
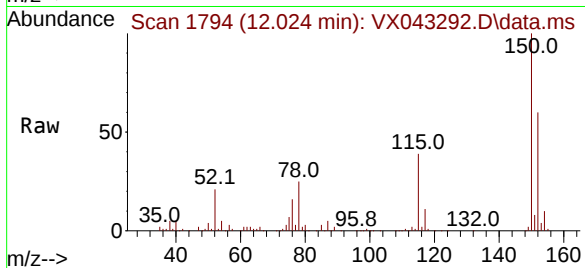
Tgt Ion:152 Resp: 58435

Ion Ratio Lower Upper

152 100

115 65.7 44.1 132.3

150 163.5 0.0 347.4



#76

1,2,3-Trichloropropane

Concen: 28.943 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX043292.D

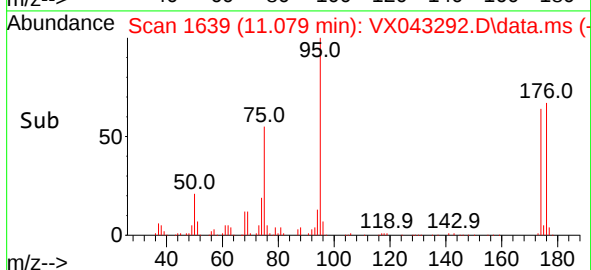
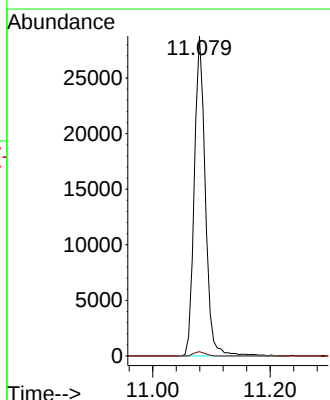
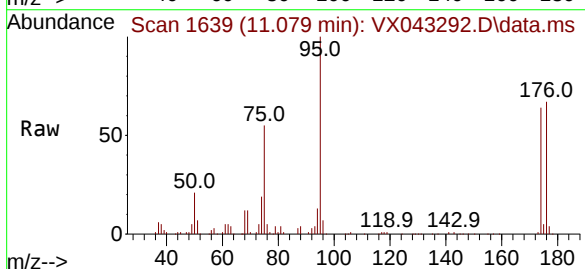
Acq: 04 Oct 2024 16:24

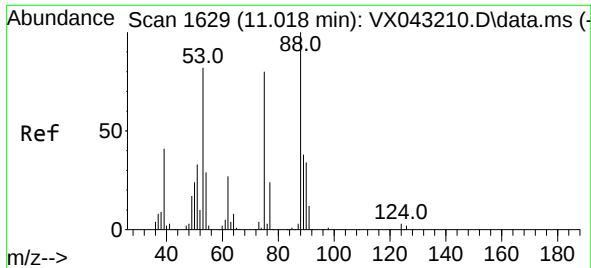
Tgt Ion: 75 Resp: 37515

Ion Ratio Lower Upper

75 100

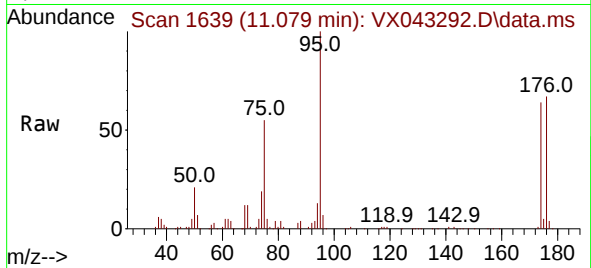
77 1.3 22.0 66.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 75.011 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX043292.D
Acq: 04 Oct 2024 16:24

Instrument :
MSVOA_X
ClientSampleId :
DUP11-20240930DL



Tgt Ion: 75 Resp: 37515
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

