

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031326.D
 Acq On : 14 Sep 2022 23:22
 Operator : JC/MD
 Sample : N4446-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 06:07:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

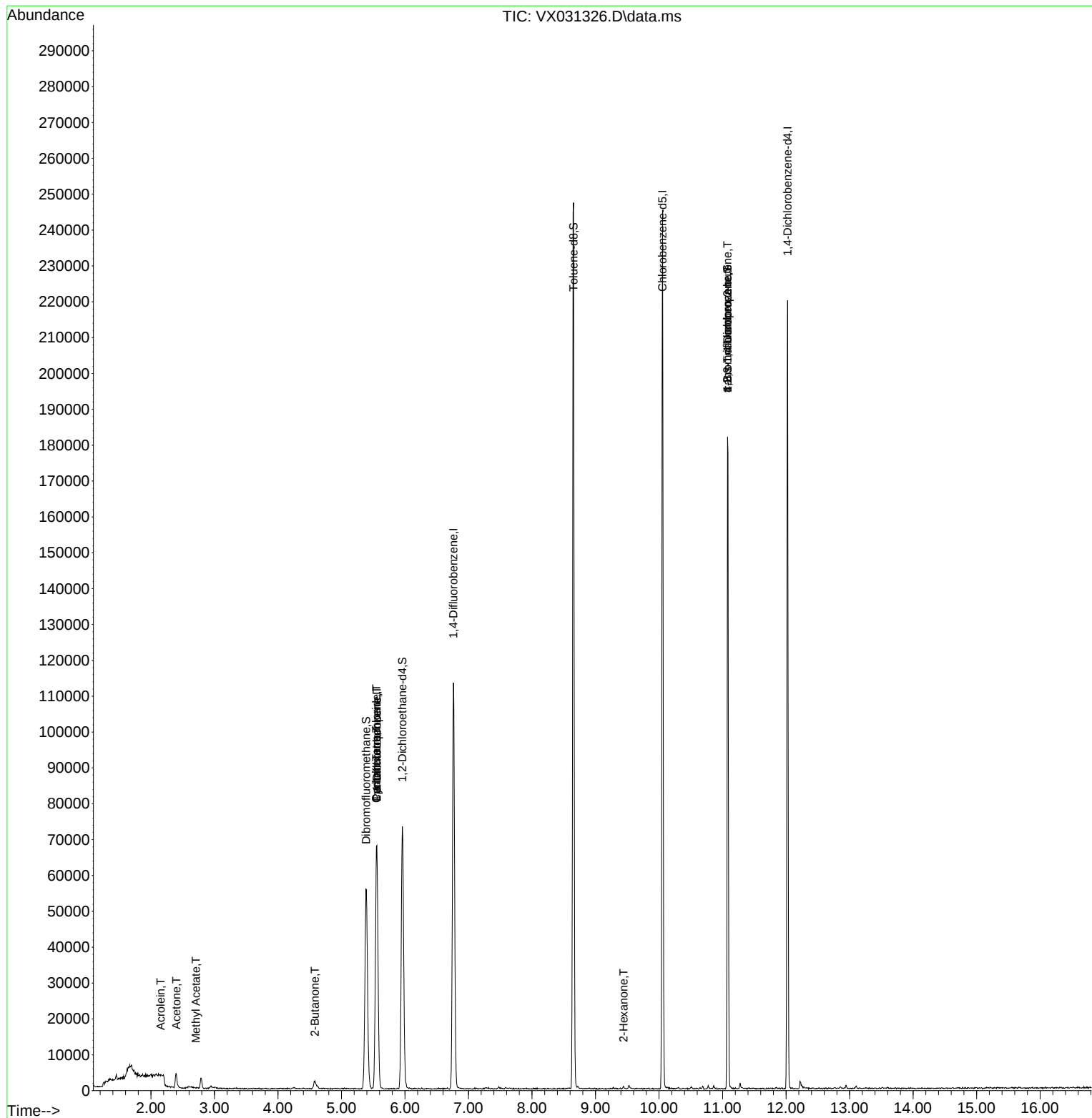
Internal Standards						
1) Pentafluorobenzene	5.556	168	60118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	108340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69420	47.045	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.080%
35) Dibromofluoromethane	5.385	113	47387	40.690	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.380%
50) Toluene-d8	8.653	98	141880	32.478	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	64.960%#
62) 4-Bromofluorobenzene	11.079	95	45221	28.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	56.540%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	103	Below Cal	#	41
11) Tert butyl alcohol	3.002	59	490	Below Cal	#	73
13) Acrolein	2.154	56	155	0.910	ug/l #	63
16) Acetone	2.398	43	5540	8.794	ug/l	90
18) Methyl Acetate	2.709	43	468	0.251	ug/l #	52
20) Methylene Chloride	2.788	84	1320	Below Cal		88
21) trans-1,2-Dichloroethene	3.099	96	42	Below Cal	#	1
25) 2-Butanone	4.580	43	4149	3.993	ug/l	97
31) Cyclohexane	5.550	56	1814	1.144	ug/l #	52
36) 1,1-Dichloropropene	5.556	75	5727	3.593	ug/l #	48
38) Carbon Tetrachloride	5.550	117	6573	3.794	ug/l #	17
59) 2-Hexanone	9.439	43	572	0.345	ug/l	78
76) 1,2,3-Trichloropropane	11.079	75	26440	26.615	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	26440	73.643	ug/l #	11

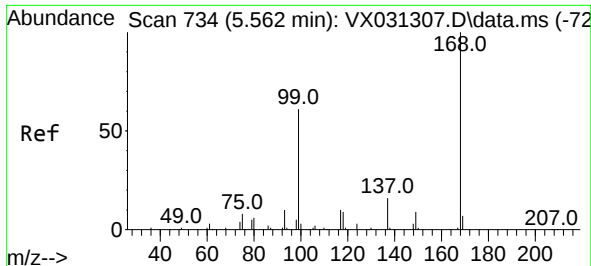
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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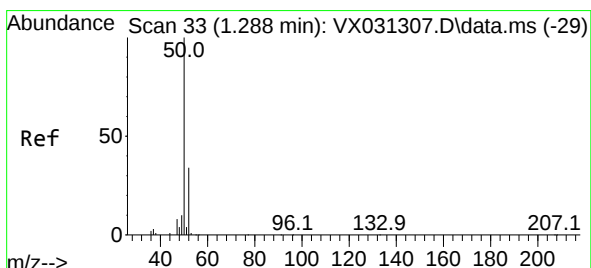
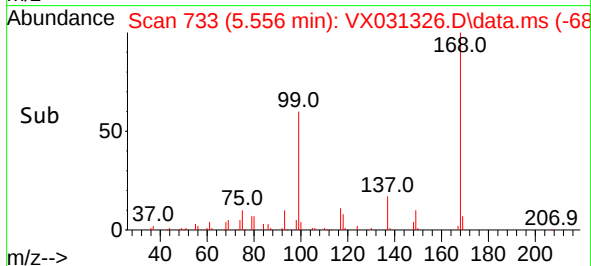
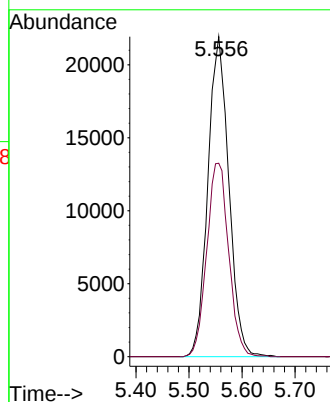
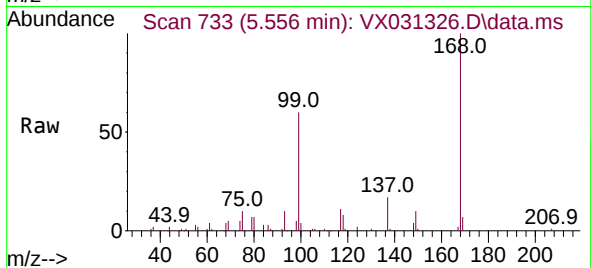




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031326.D
Acq: 14 Sep 2022 23:22

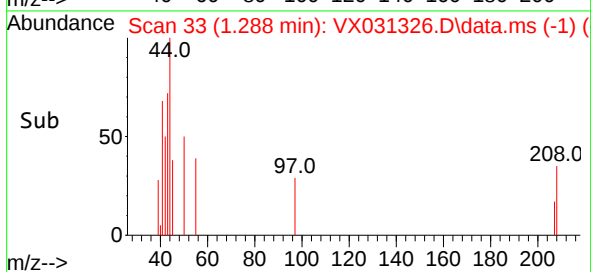
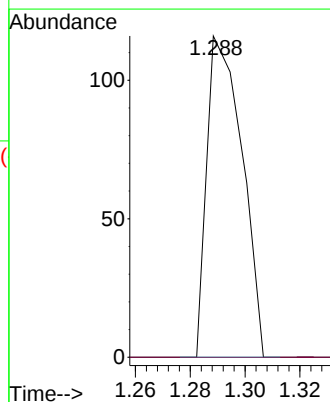
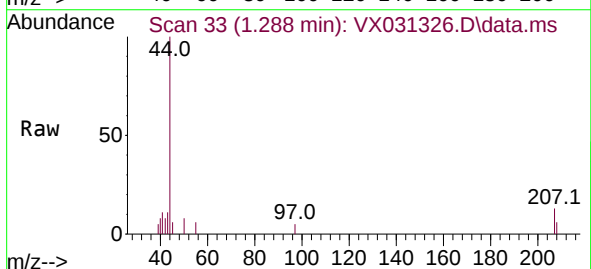
Instrument :
MSVOA_X
ClientSampleId :

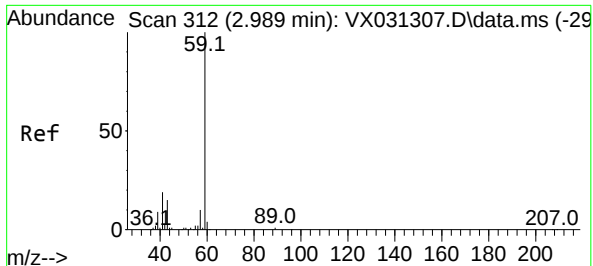
Tgt Ion:168 Resp: 60118
Ion Ratio Lower Upper
168 100
99 60.5 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031326.D
Acq: 14 Sep 2022 23:22

Tgt Ion: 50 Resp: 103
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 3.002 min Scan# 31

Delta R.T. 0.013 min

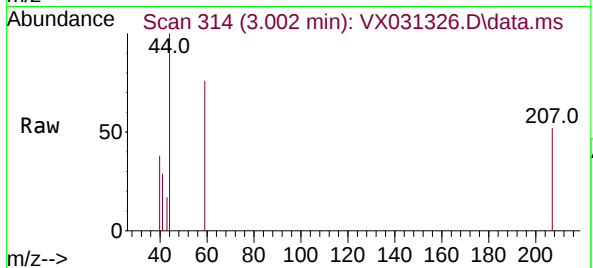
Lab File: VX031326.D

Acq: 14 Sep 2022 23:22

Instrument :

MSVOA_X

ClientSampleId :

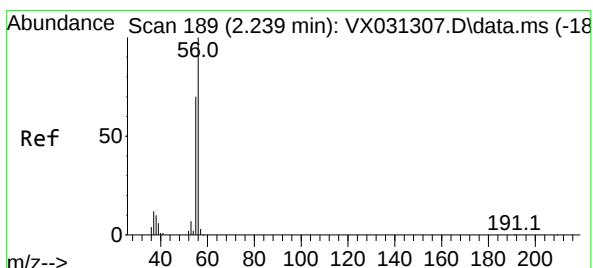
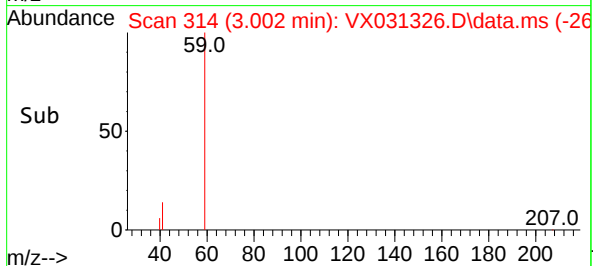
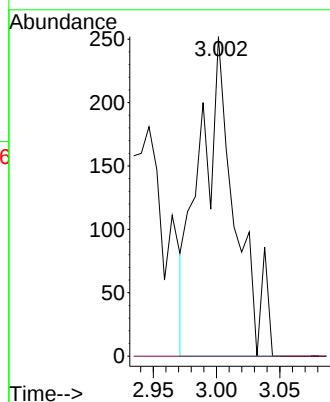


Tgt Ion: 59 Resp: 490

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: 0.910 ug/l

RT: 2.154 min Scan# 175

Delta R.T. -0.085 min

Lab File: VX031326.D

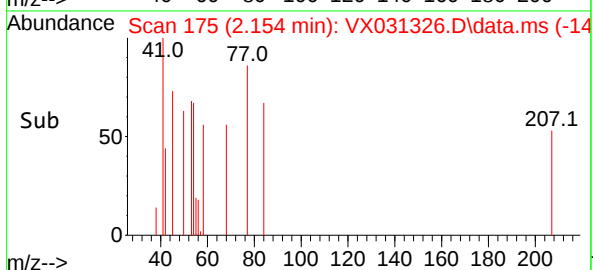
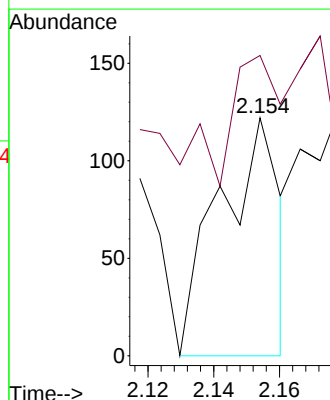
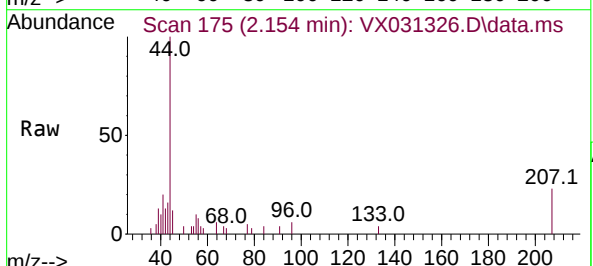
Acq: 14 Sep 2022 23:22

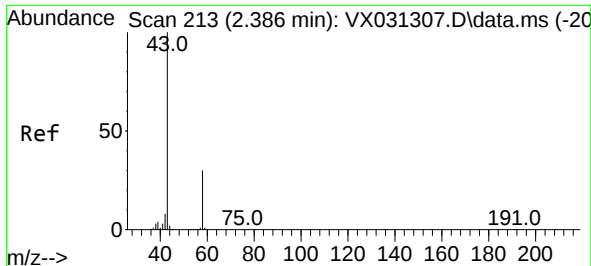
Tgt Ion: 56 Resp: 155

Ion Ratio Lower Upper

56 100

55 40.0 56.0 84.0#

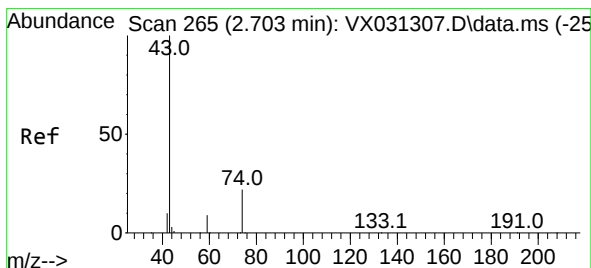
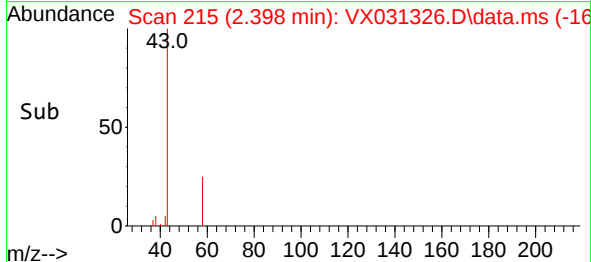
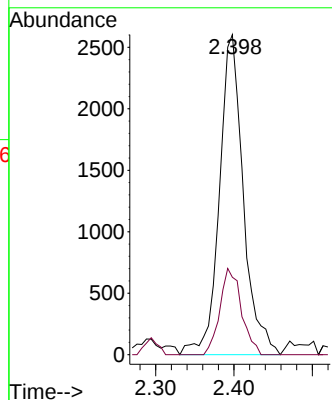
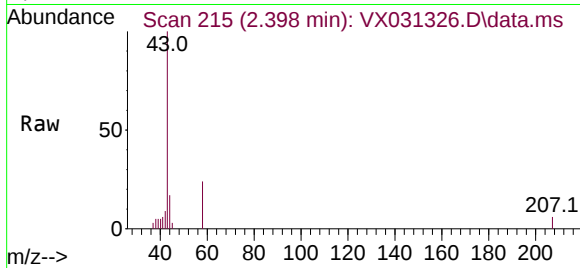




#16
Acetone
Concen: 8.794 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX031326.D
Acq: 14 Sep 2022 23:22

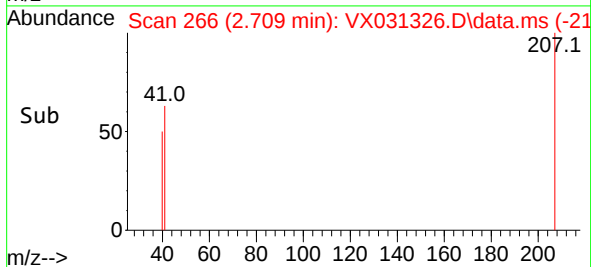
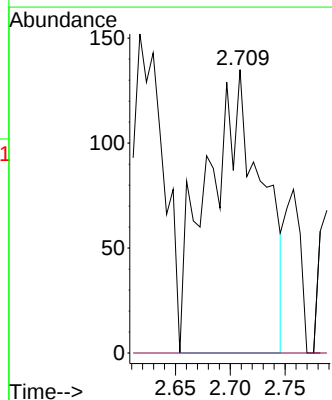
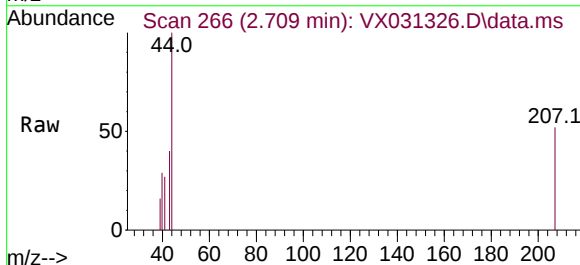
Instrument :
MSVOA_X
ClientSampleId :

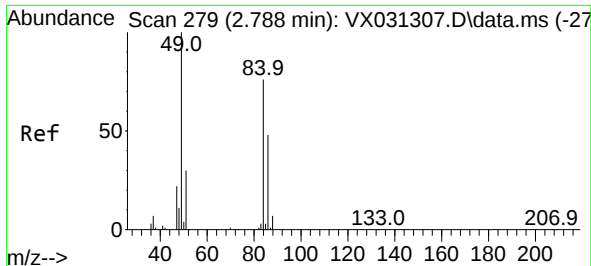
Tgt Ion: 43 Resp: 5540
Ion Ratio Lower Upper
43 100
58 24.2 23.8 35.8



#18
Methyl Acetate
Concen: 0.251 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX031326.D
Acq: 14 Sep 2022 23:22

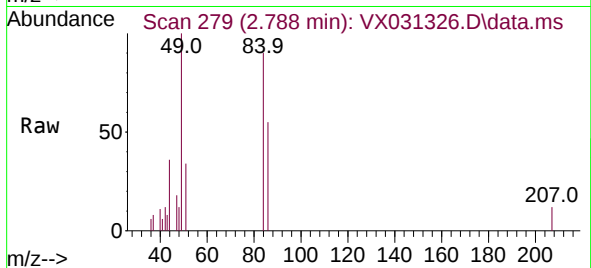
Tgt Ion: 43 Resp: 468
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



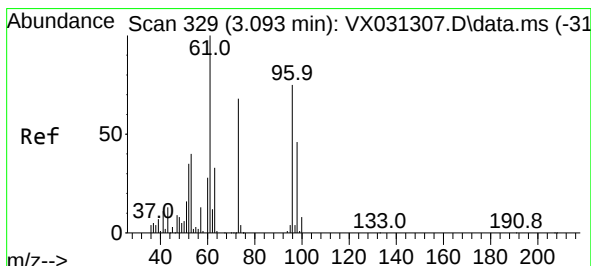
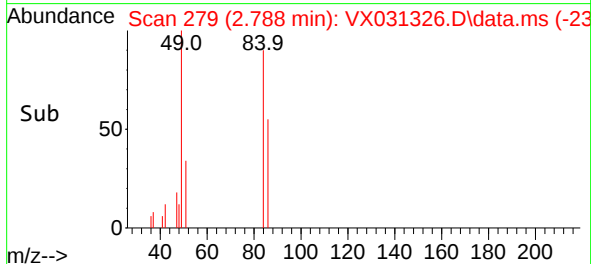
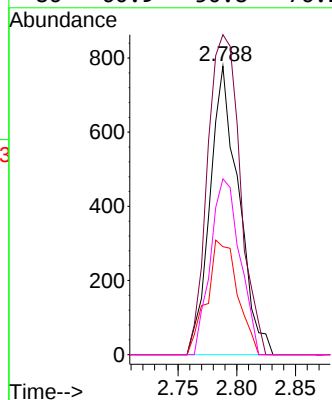


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031326.D
Acq: 14 Sep 2022 23:22

Instrument :
MSVOA_X
ClientSampleId :

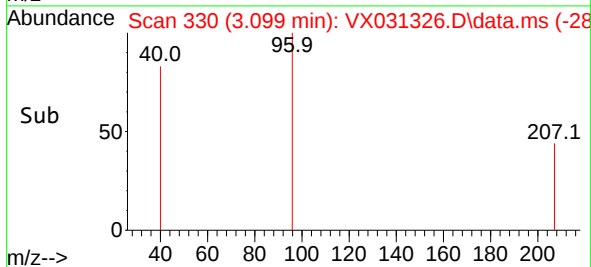
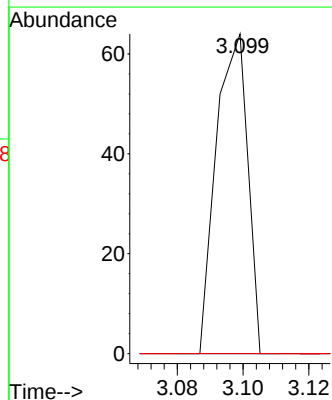
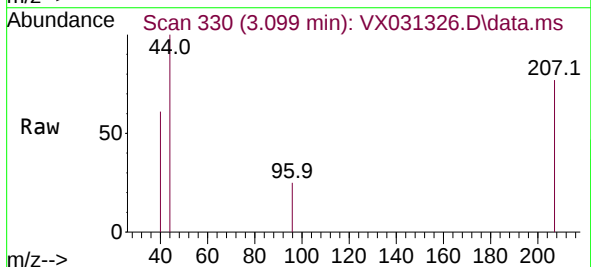


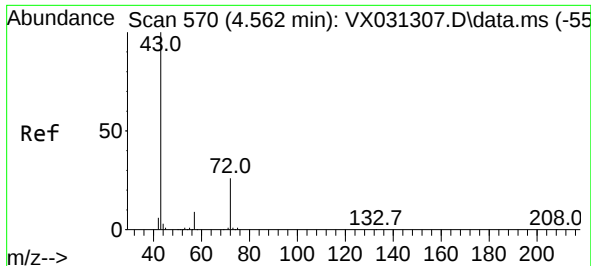
Tgt Ion: 84 Resp: 1320
Ion Ratio Lower Upper
84 100
49 110.9 105.9 158.9
51 37.4 32.2 48.2
86 60.9 50.8 76.2



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.099 min Scan# 330
Delta R.T. 0.006 min
Lab File: VX031326.D
Acq: 14 Sep 2022 23:22

Tgt Ion: 96 Resp: 42
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#

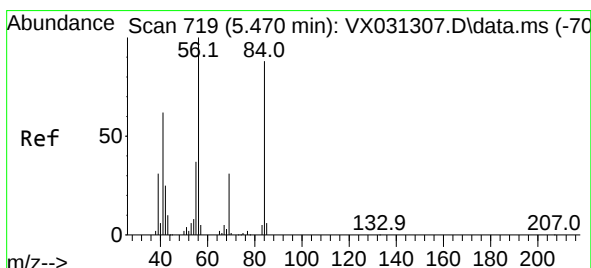
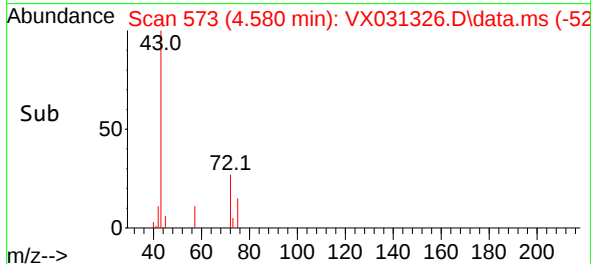
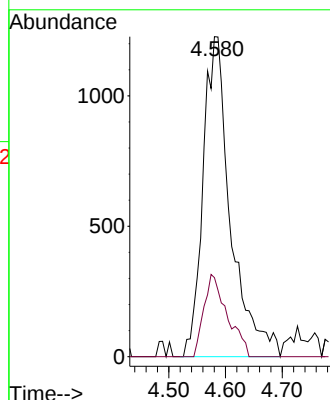
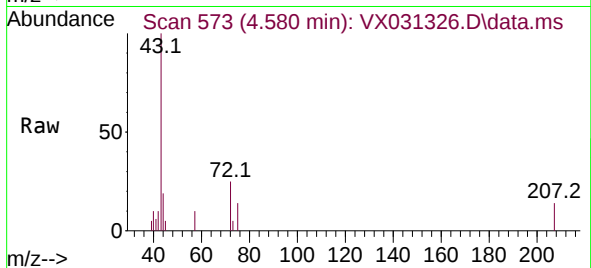




#25
2-Butanone
Concen: 3.993 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX031326.D
Acq: 14 Sep 2022 23:22

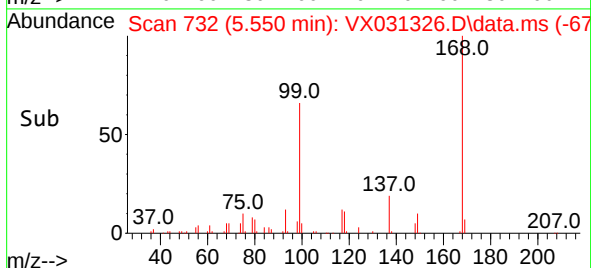
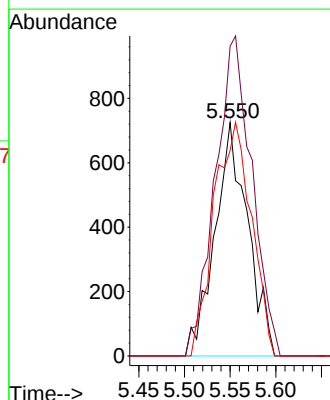
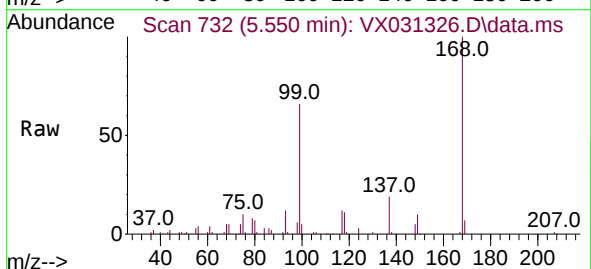
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MSVOA_X
ClientSampleId :

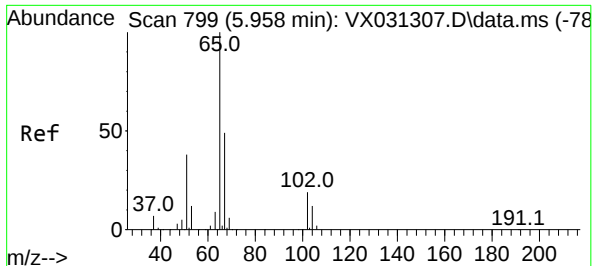
Tgt Ion: 43 Resp: 4149
Ion Ratio Lower Upper
43 100
72 24.7 21.1 31.7



#31
Cyclohexane
Concen: 1.144 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX031326.D
Acq: 14 Sep 2022 23:22

Tgt Ion: 56 Resp: 1814
Ion Ratio Lower Upper
56 100
69 132.7 25.1 37.7#
84 88.0 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 47.045 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031326.D

Acq: 14 Sep 2022 23:22

Instrument :

MSVOA_X

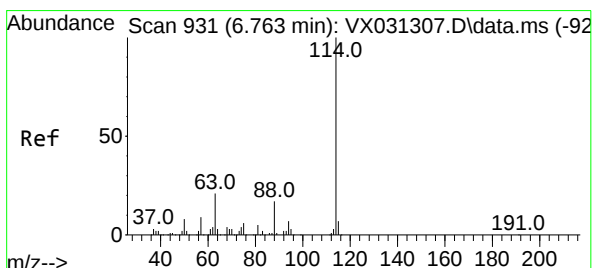
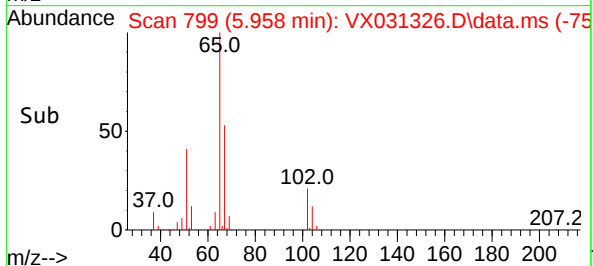
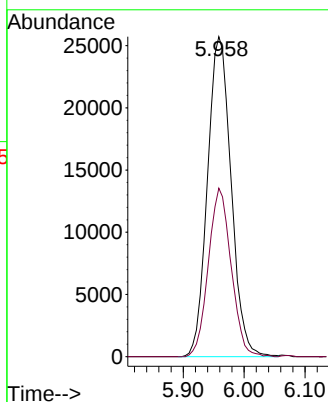
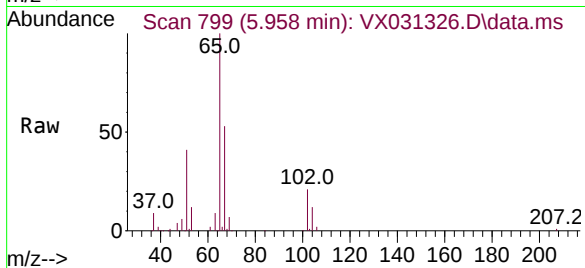
ClientSampleId :

Tgt Ion: 65 Resp: 69420

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031326.D

Acq: 14 Sep 2022 23:22

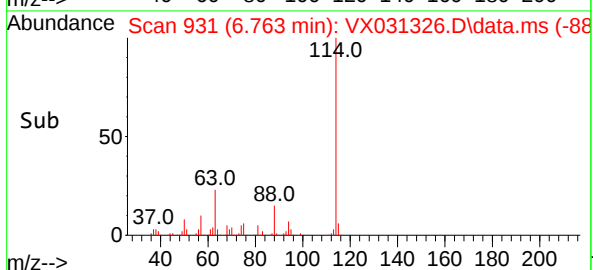
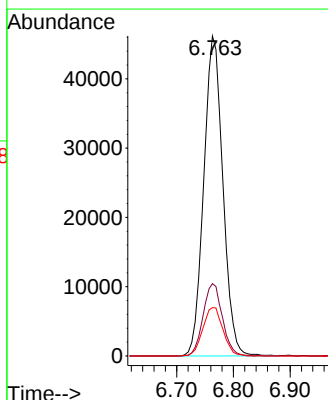
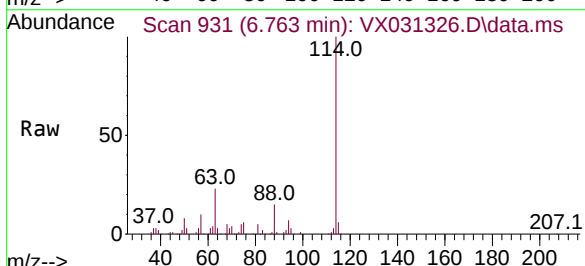
Tgt Ion: 114 Resp: 108340

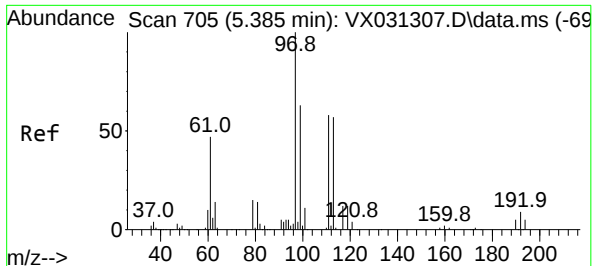
Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.6

88 15.1 0.0 33.0

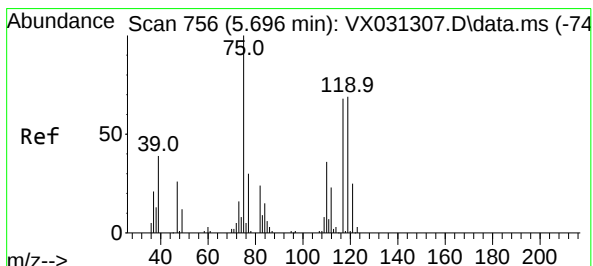
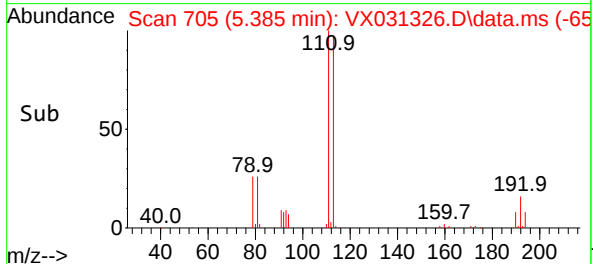
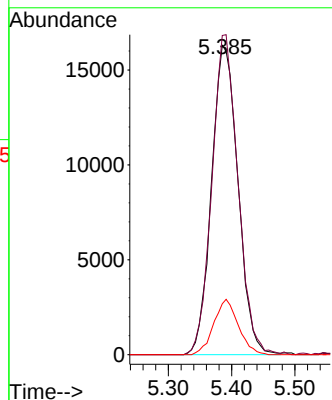
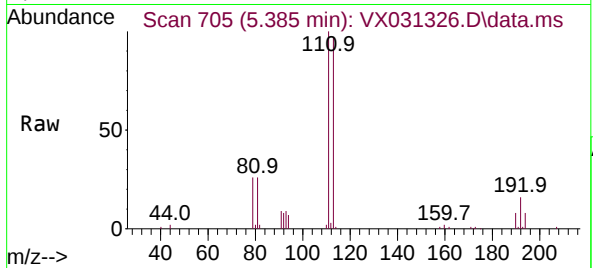




#35
Dibromofluoromethane
Concen: 40.690 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031326.D
Acq: 14 Sep 2022 23:22

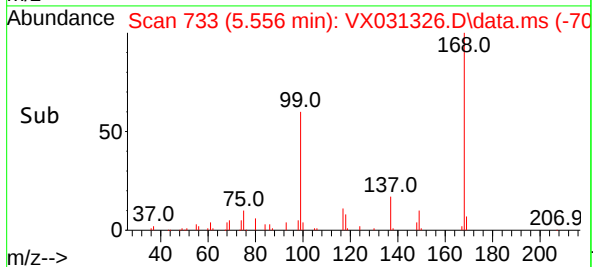
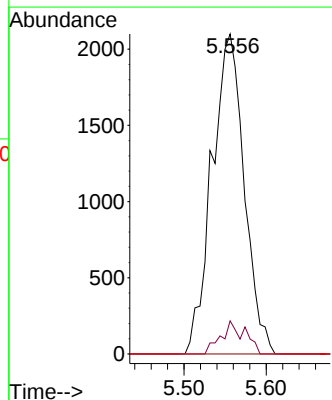
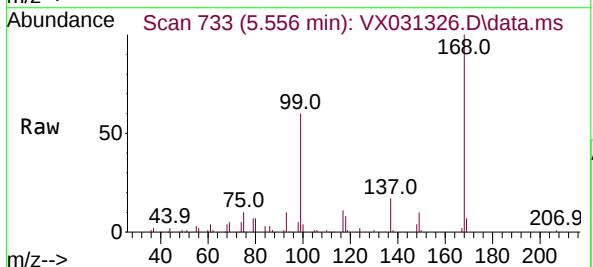
Instrument :
MSVOA_X
ClientSampleId :

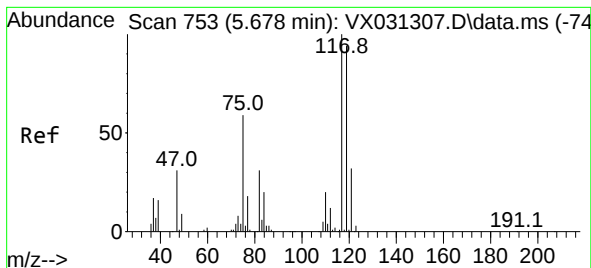
Tgt Ion:113 Resp: 47387
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 16.6 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.593 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX031326.D
Acq: 14 Sep 2022 23:22

Tgt Ion: 75 Resp: 5727
Ion Ratio Lower Upper
75 100
110 7.6 17.5 52.5#
77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 3.794 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.128 min

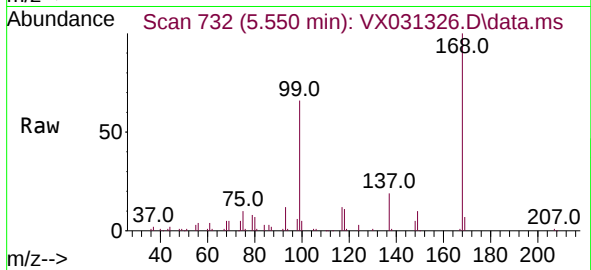
Lab File: VX031326.D

Acq: 14 Sep 2022 23:22

Instrument :

MSVOA_X

ClientSampleId :



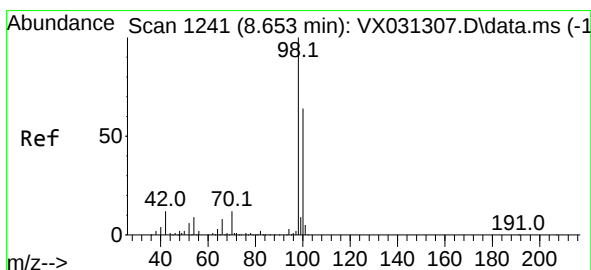
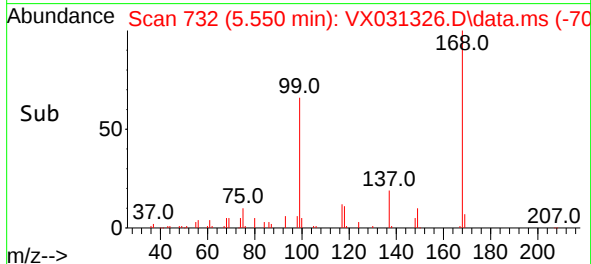
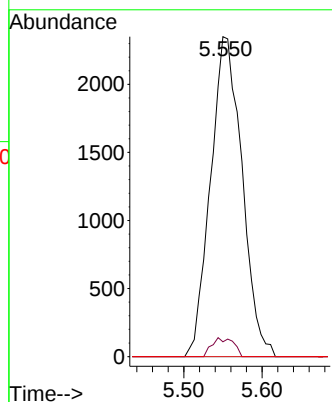
Tgt Ion:117 Resp: 6573

Ion Ratio Lower Upper

117 100

119 4.6 74.6 112.0#

121 0.0 25.3 37.9#



#50

Toluene-d8

Concen: 32.478 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX031326.D

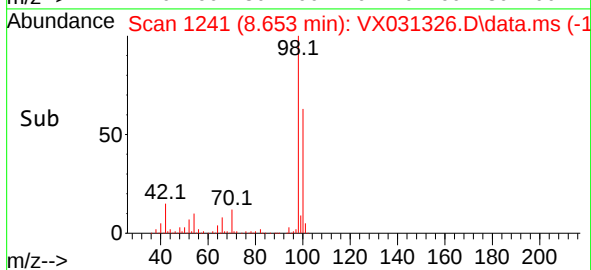
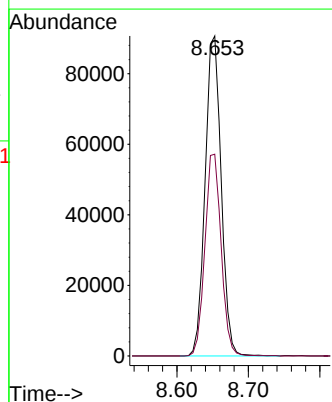
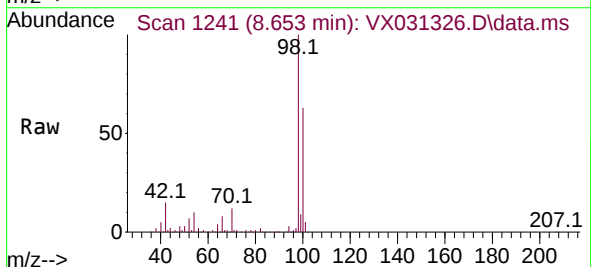
Acq: 14 Sep 2022 23:22

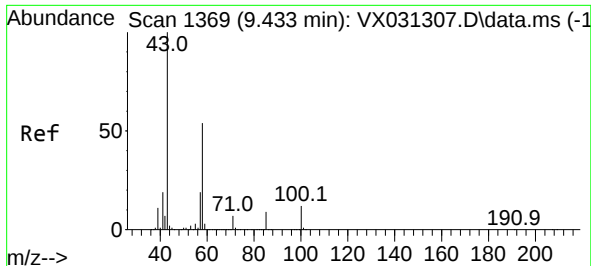
Tgt Ion: 98 Resp: 141880

Ion Ratio Lower Upper

98 100

100 63.6 52.5 78.7





#59

2-Hexanone

Concen: 0.345 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX031326.D

Acq: 14 Sep 2022 23:22

Instrument :

MSVOA_X

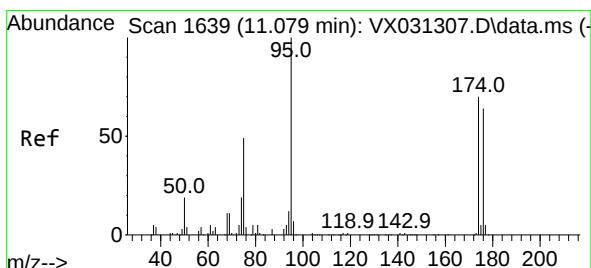
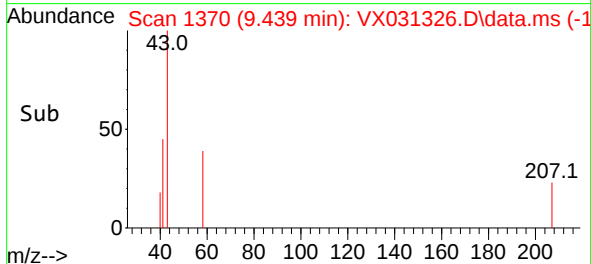
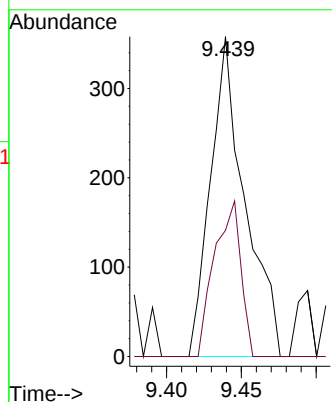
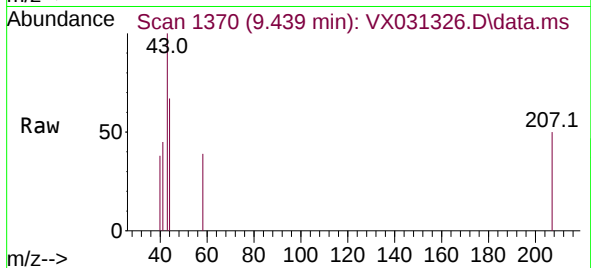
ClientSampleId :

Tgt Ion: 43 Resp: 572

Ion Ratio Lower Upper

43 100

58 37.4 26.7 80.0



#62

4-Bromofluorobenzene

Concen: 28.268 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031326.D

Acq: 14 Sep 2022 23:22

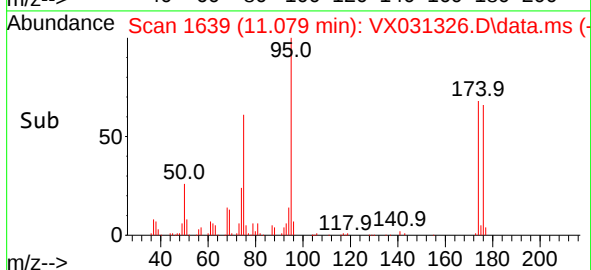
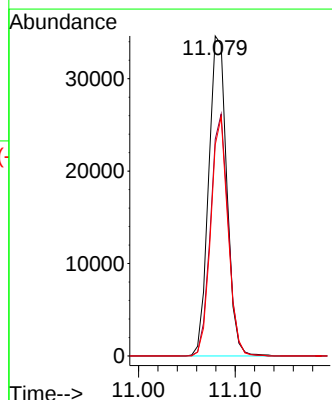
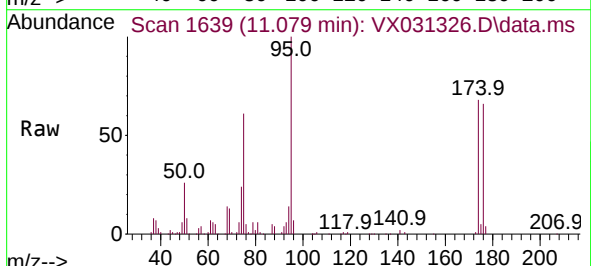
Tgt Ion: 95 Resp: 45221

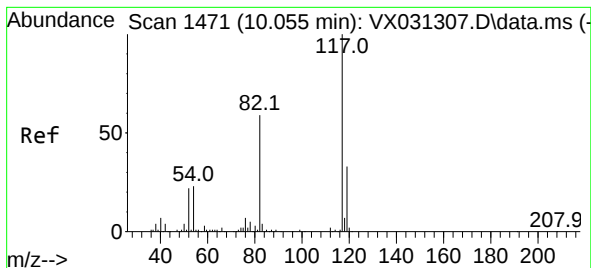
Ion Ratio Lower Upper

95 100

174 73.3 0.0 153.2

176 70.6 0.0 144.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031326.D

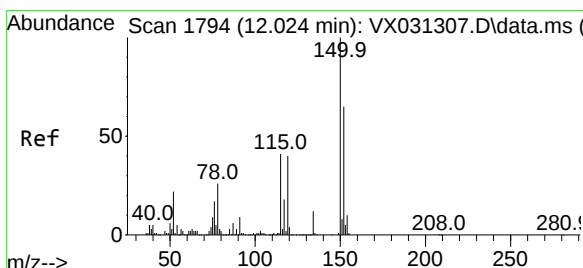
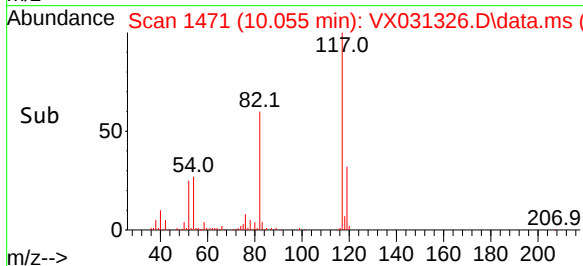
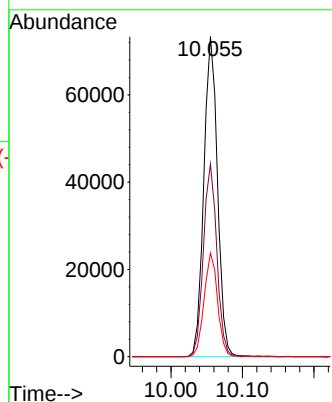
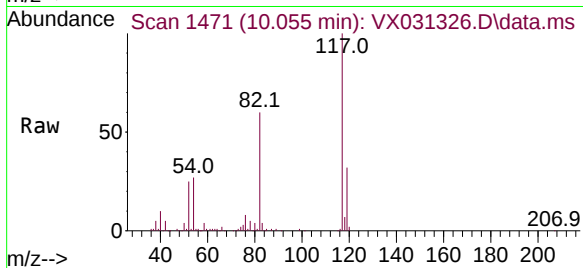
Acq: 14 Sep 2022 23:22

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	117	Resp:	97527
Ion	Ratio	Lower	Upper
117	100		
82	60.2	46.8	70.2
119	32.4	26.4	39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

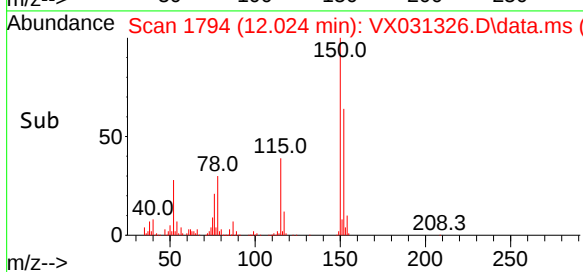
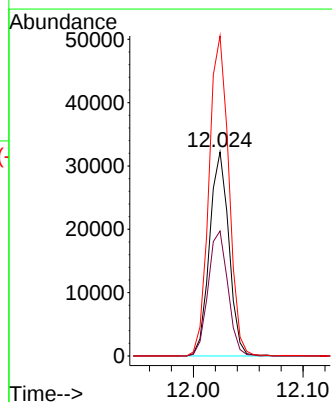
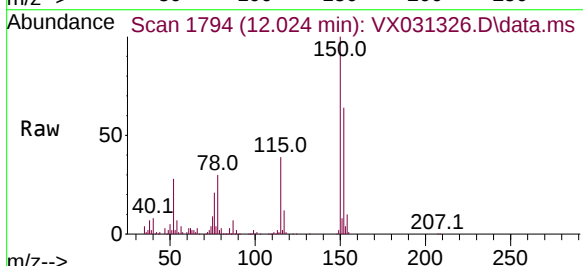
RT: 12.024 min Scan# 1794

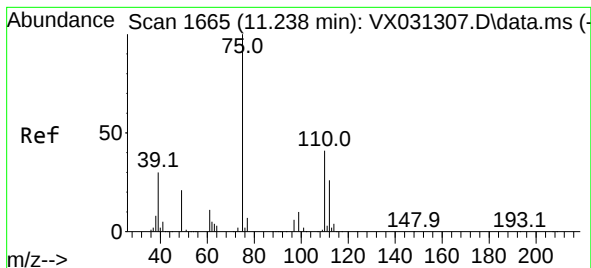
Delta R.T. 0.000 min

Lab File: VX031326.D

Acq: 14 Sep 2022 23:22

Tgt Ion:	152	Resp:	39422
Ion	Ratio	Lower	Upper
152	100		
115	62.6	43.4	130.1
150	160.7	0.0	346.8





#76

1,2,3-Trichloropropane

Concen: 26.615 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX031326.D

Acq: 14 Sep 2022 23:22

Instrument :

MSVOA_X

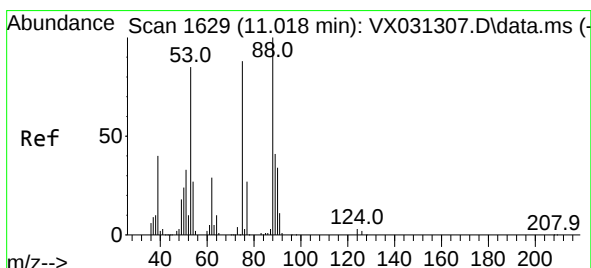
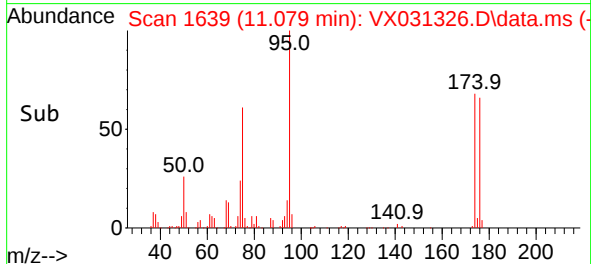
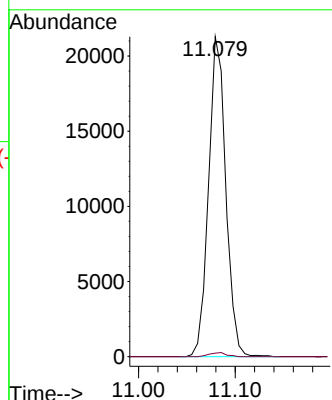
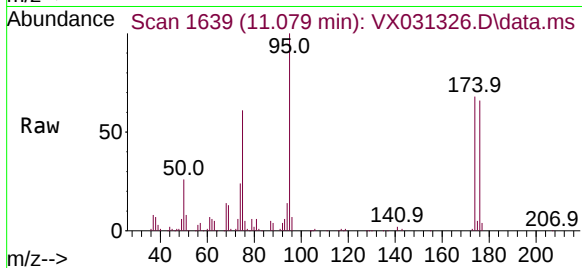
ClientSampleId :

Tgt Ion: 75 Resp: 26440

Ion Ratio Lower Upper

75 100

77 1.3 20.3 60.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 73.643 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX031326.D

Acq: 14 Sep 2022 23:22

Tgt Ion: 75 Resp: 26440

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 37.4 56.0#

