

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033162.D
 Acq On : 01 Dec 2022 14:46
 Operator : JC/MD
 Sample : N5828-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW9-PT-IN-02-11302022

Quant Time: Dec 02 00:52:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

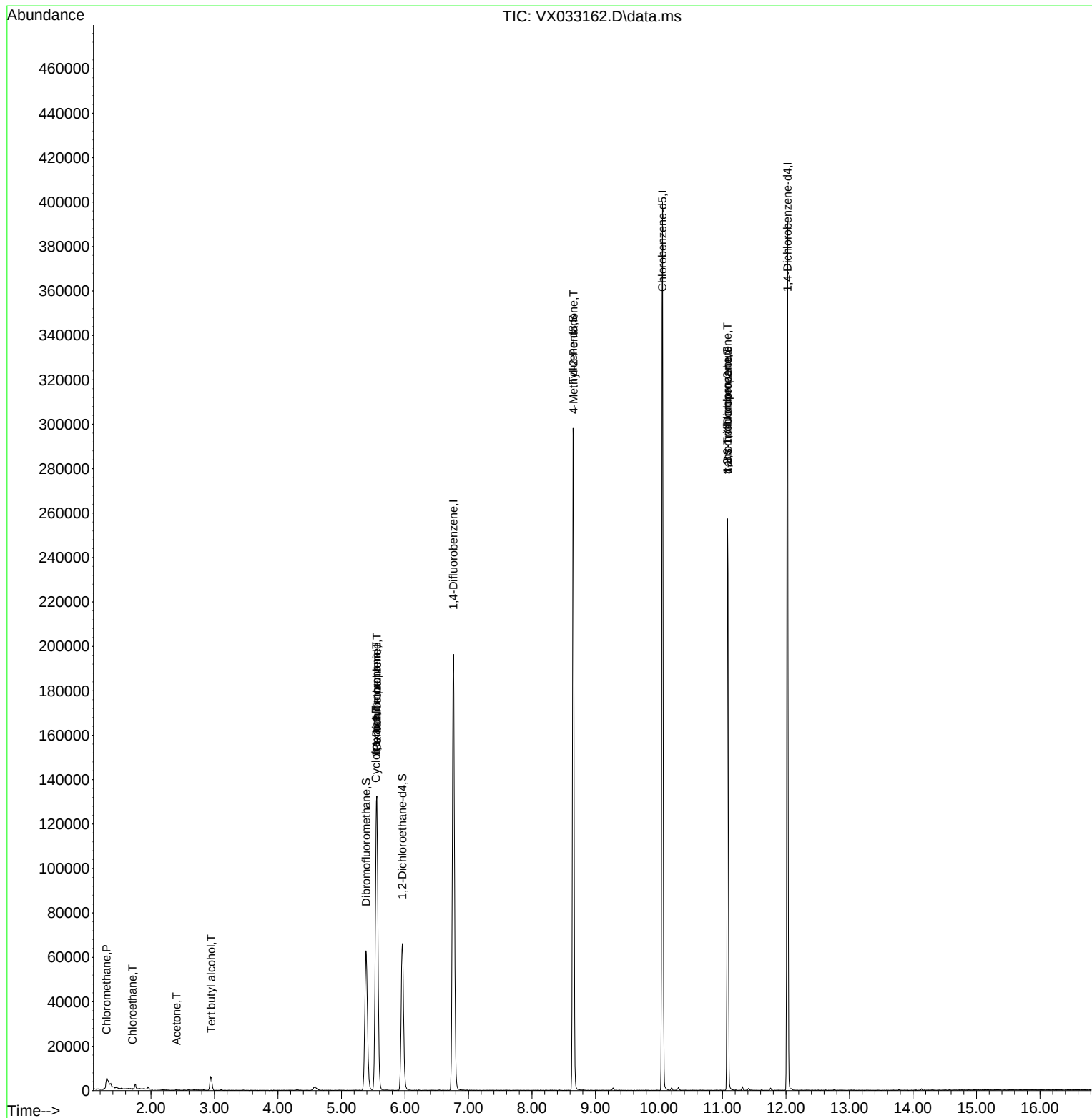
Internal Standards						
1) Pentafluorobenzene	5.556	168	126226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68268	55.706	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.420%			
35) Dibromofluoromethane	5.385	113	54378	47.753	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.500%			
50) Toluene-d8	8.647	98	178447	52.176	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.360%			
62) 4-Bromofluorobenzene	11.079	95	65575	43.838	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.680%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	219	0.210	ug/l #	43
6) Chloroethane	1.709	64	205	0.217	ug/l #	42
11) Tert butyl alcohol	2.947	59	3646	18.711	ug/l #	72
16) Acetone	2.404	43	506	0.881	ug/l #	45
31) Cyclohexane	5.544	56	2733	1.372	ug/l #	8
36) 1,1-Dichloropropene	5.550	75	9803	5.384	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12893	6.383	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	716	0.442	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35723	23.213	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35723	75.453	ug/l #	6

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

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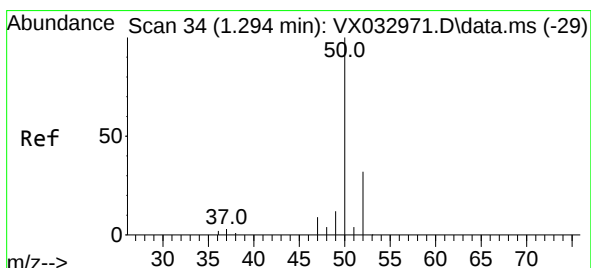
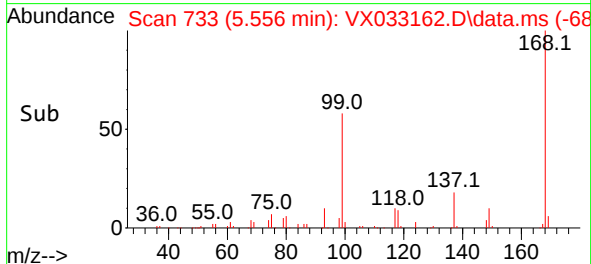
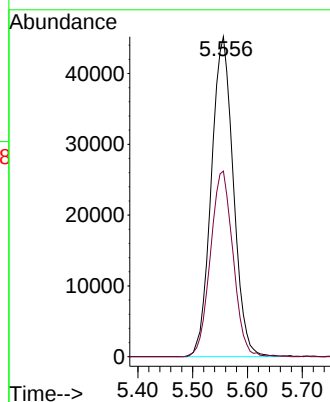
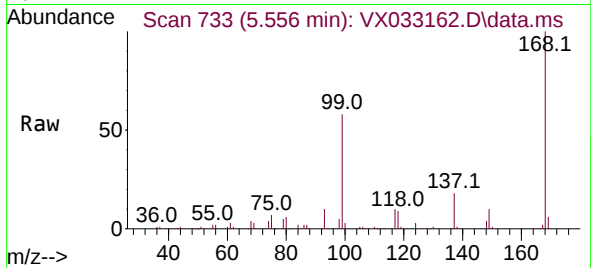




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033162.D
Acq: 01 Dec 2022 14:46

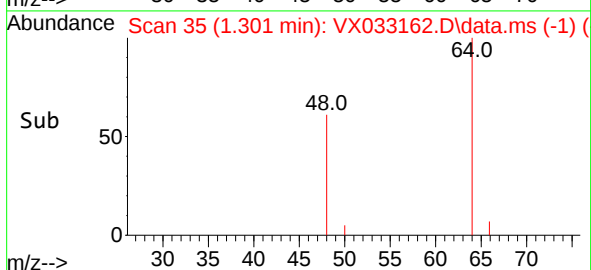
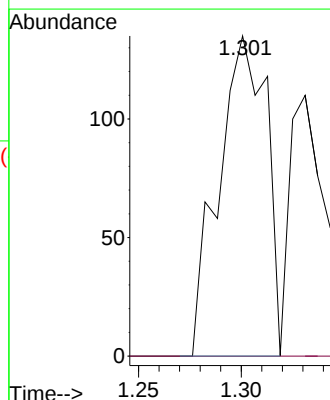
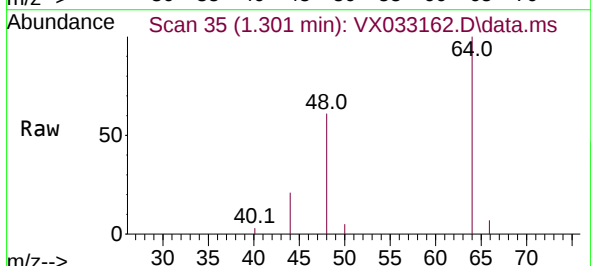
Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-IN-02-11302022

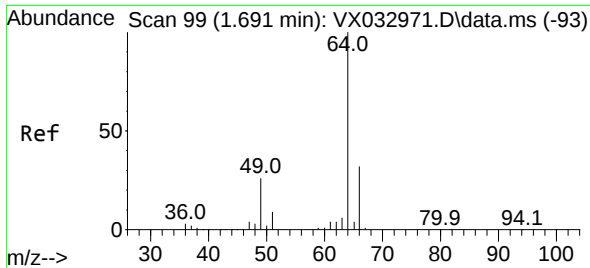
Tgt Ion:168 Resp: 126226
Ion Ratio Lower Upper
168 100
99 58.0 46.1 69.1



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX033162.D
Acq: 01 Dec 2022 14:46

Tgt Ion: 50 Resp: 219
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

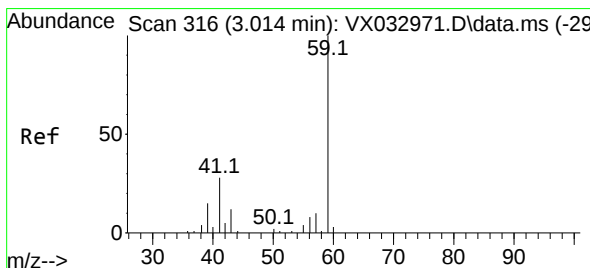
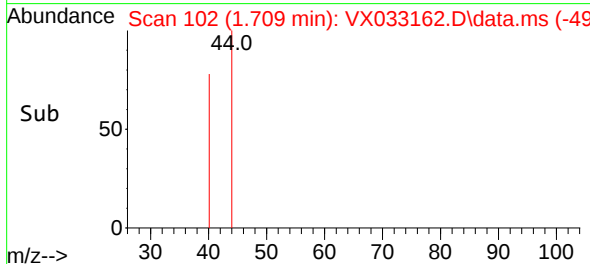
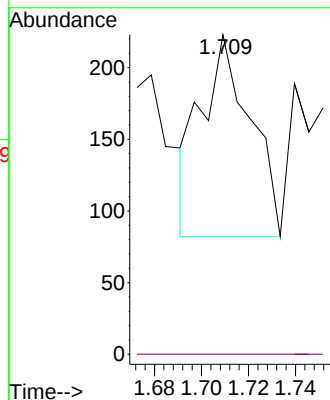
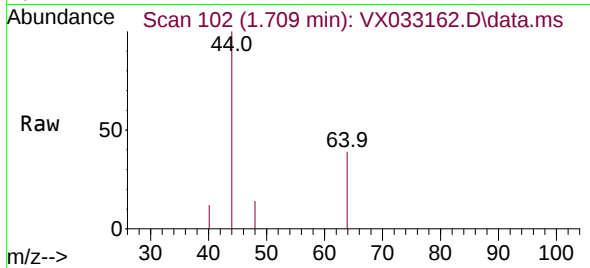




#6
Chloroethane
Concen: 0.217 ug/l
RT: 1.709 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX033162.D
Acq: 01 Dec 2022 14:46

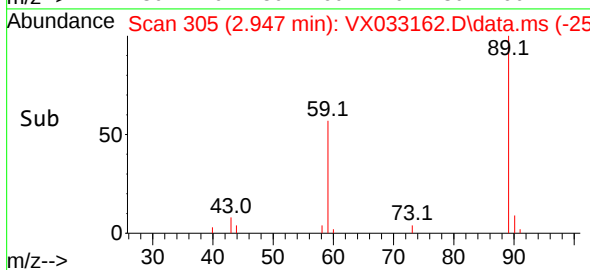
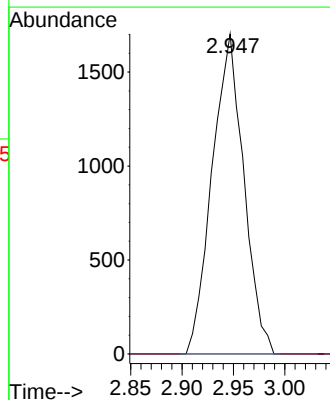
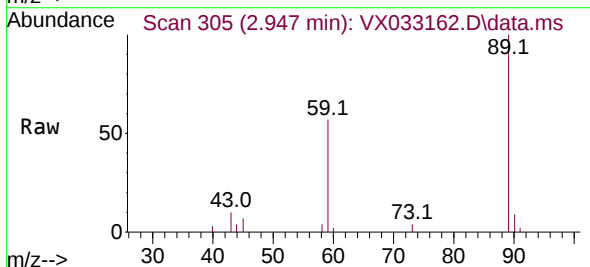
Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-IN-02-11302022

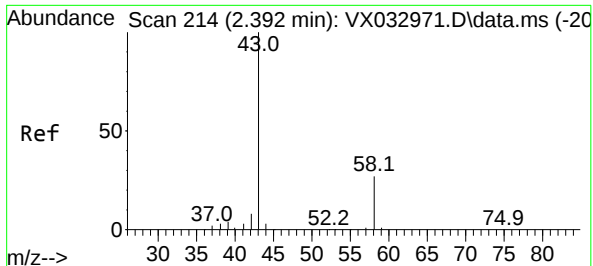
Tgt Ion: 64 Resp: 205
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#11
Tert butyl alcohol
Concen: 18.711 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX033162.D
Acq: 01 Dec 2022 14:46

Tgt Ion: 59 Resp: 3646
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

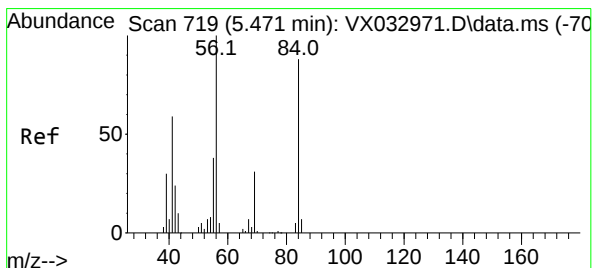
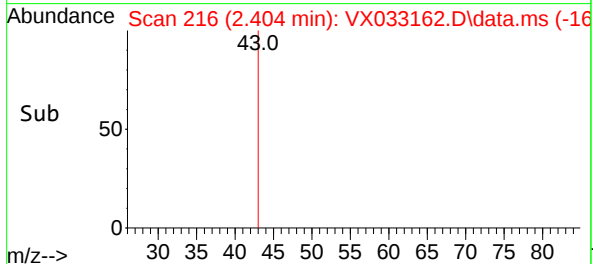
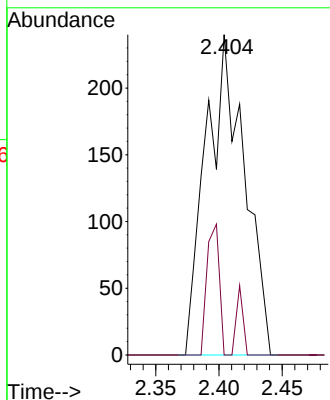
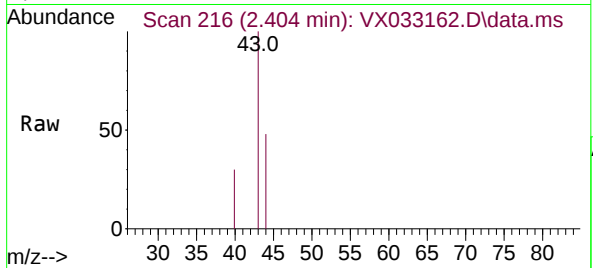




#16
Acetone
Concen: 0.881 ug/l
RT: 2.404 min Scan# 214
Delta R.T. 0.024 min
Lab File: VX033162.D
Acq: 01 Dec 2022 14:46

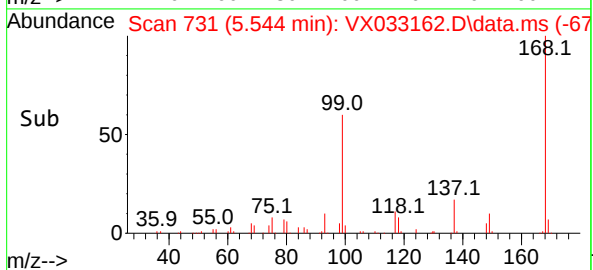
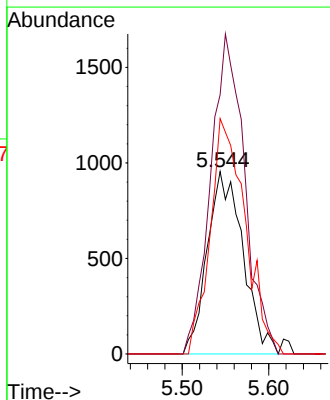
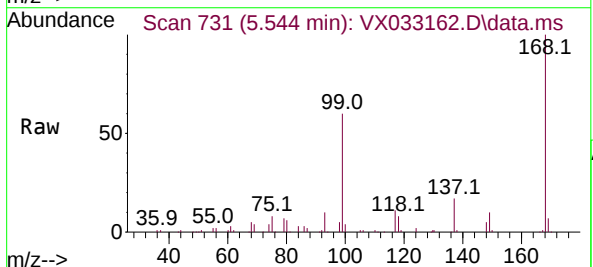
Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-IN-02-11302022

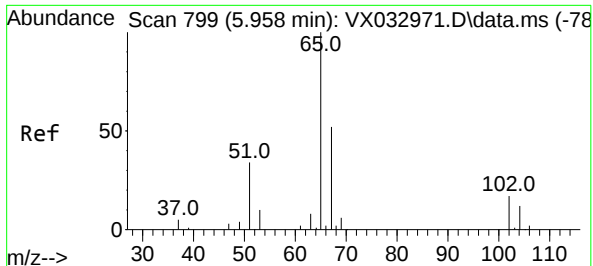
Tgt Ion: 43 Resp: 506
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#31
Cyclohexane
Concen: 1.372 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX033162.D
Acq: 01 Dec 2022 14:46

Tgt Ion: 56 Resp: 2733
Ion Ratio Lower Upper
56 100
69 142.1 24.1 36.1#
84 129.0 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 55.706 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033162.D

Acq: 01 Dec 2022 14:46

Instrument :

MSVOA_X

ClientSampleId :

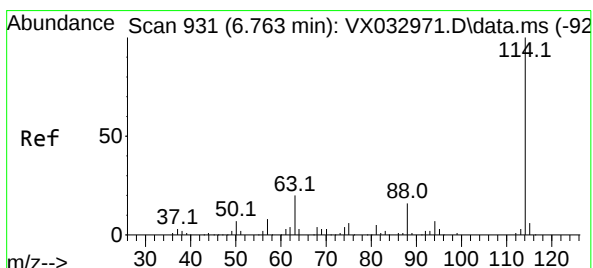
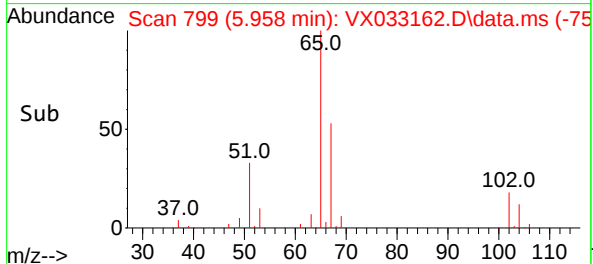
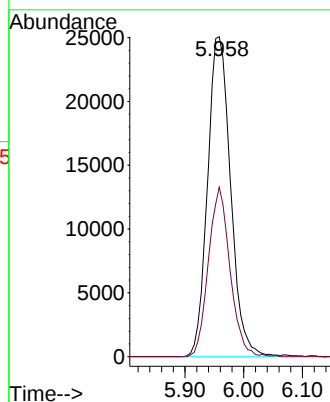
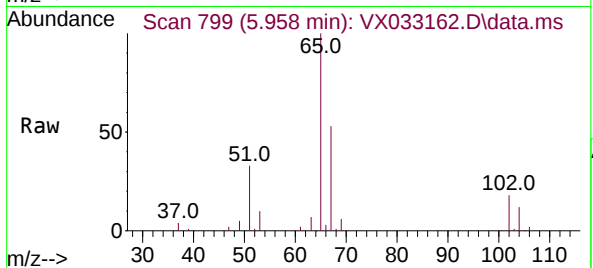
RW9-PT-IN-02-11302022

Tgt Ion: 65 Resp: 68268

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033162.D

Acq: 01 Dec 2022 14:46

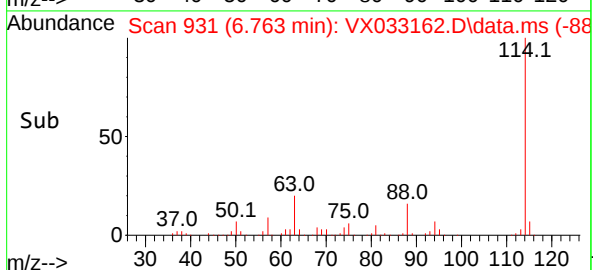
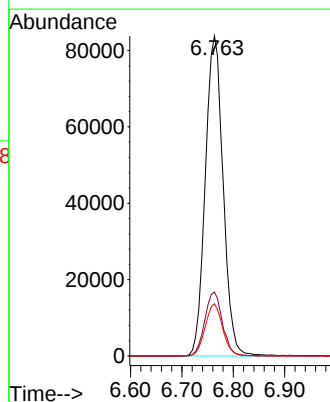
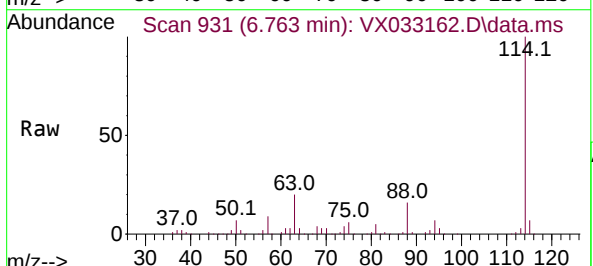
Tgt Ion: 114 Resp: 201988

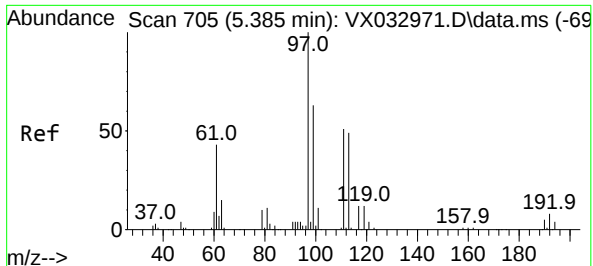
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

88 16.4 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.753 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX033162.D

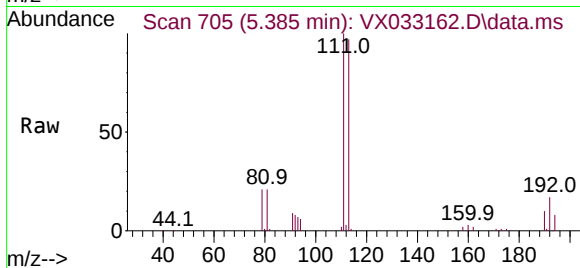
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Instrument :

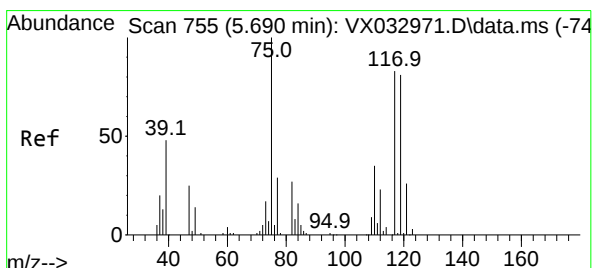
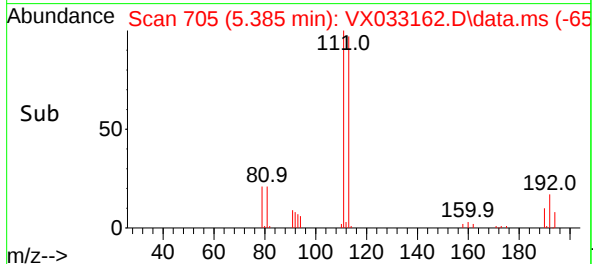
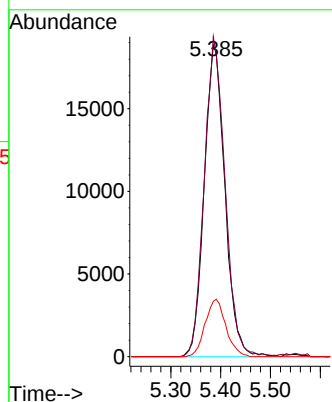
MSVOA_X

ClientSampleId :

RW9-PT-IN-02-11302022



Tgt Ion:	113	Resp:	54378
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.4	123.6
192	18.5	15.4	23.2



#36

1,1-Dichloropropene

Concen: 5.384 ug/l

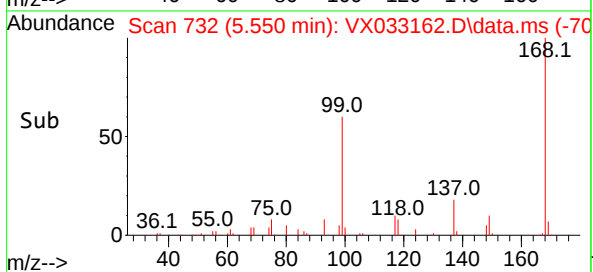
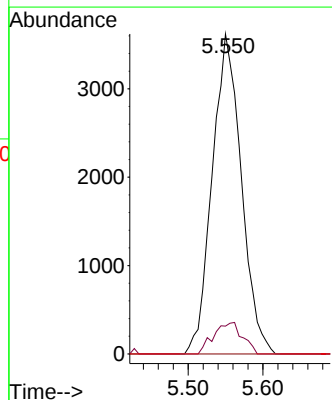
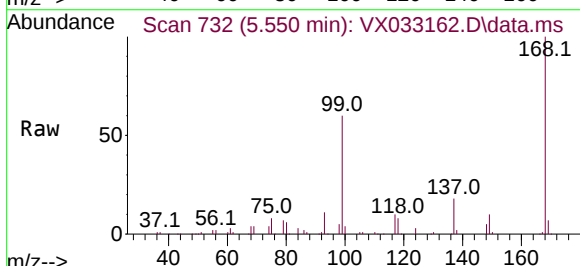
RT: 5.550 min Scan# 732

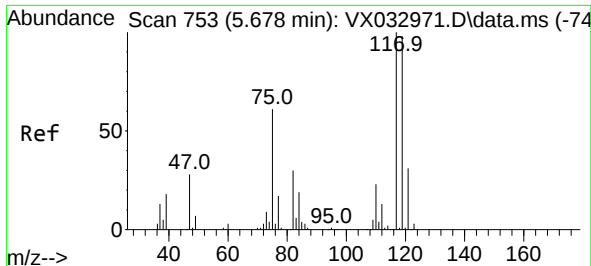
Delta R.T. -0.146 min

Lab File: VX033162.D

Acq: 01 Dec 2022 14:46

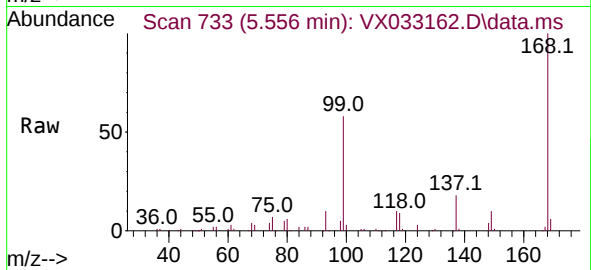
Tgt Ion:	75	Resp:	9803
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.4	55.2#
77	0.0	24.5	36.7#



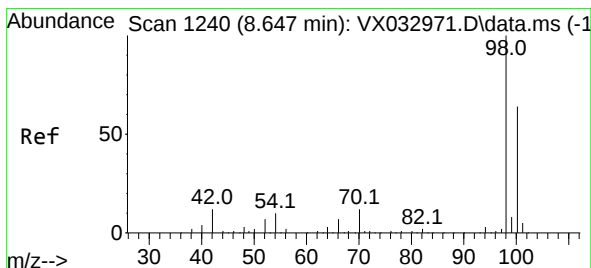
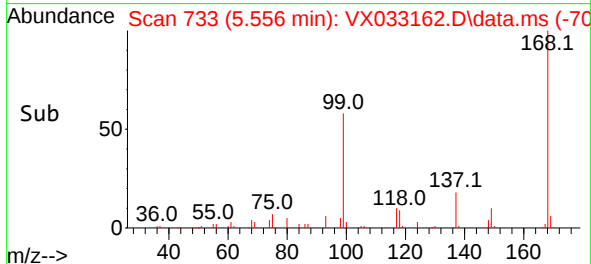
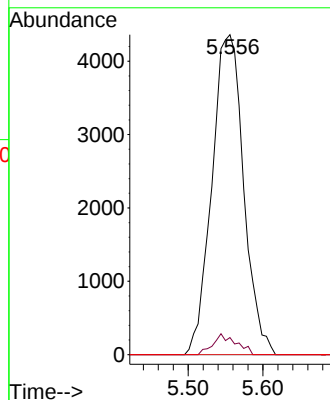


#38
Carbon Tetrachloride
Concen: 6.383 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033162.D
Acq: 01 Dec 2022 14:46

Instrument :
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ClientSampleId :
RW9-PT-IN-02-11302022

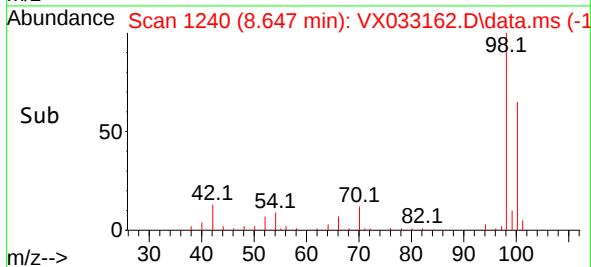
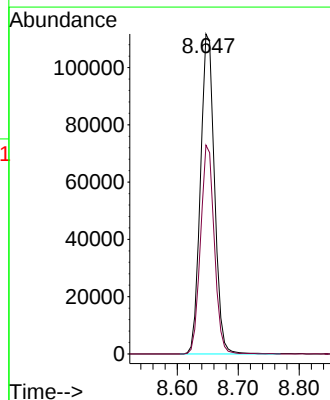
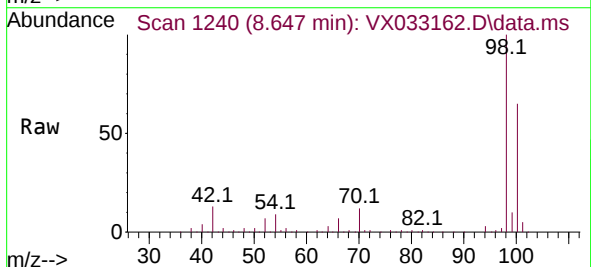


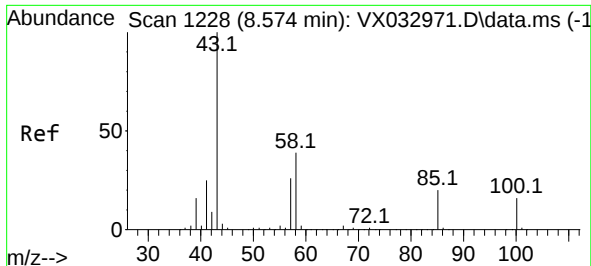
Tgt Ion:117 Resp: 12893
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 52.176 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033162.D
Acq: 01 Dec 2022 14:46

Tgt Ion: 98 Resp: 178447
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.442 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX033162.D

Acq: 01 Dec 2022 14:46

Instrument :

MSVOA_X

ClientSampleId :

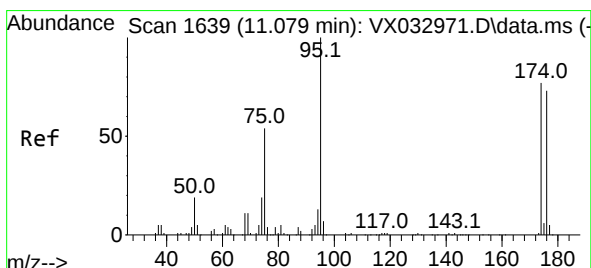
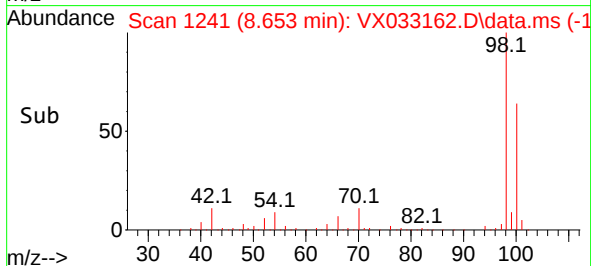
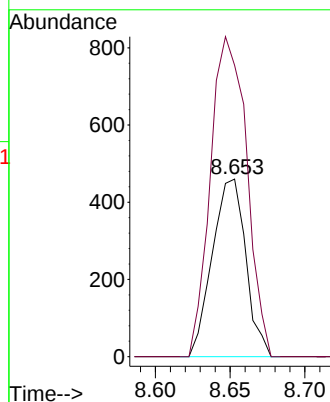
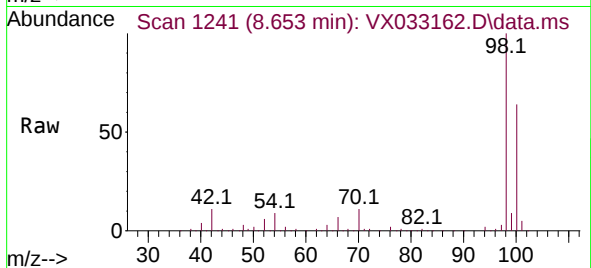
RW9-PT-IN-02-11302022

Tgt Ion: 43 Resp: 716

Ion Ratio Lower Upper

43 100

58 195.0 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 43.838 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033162.D

Acq: 01 Dec 2022 14:46

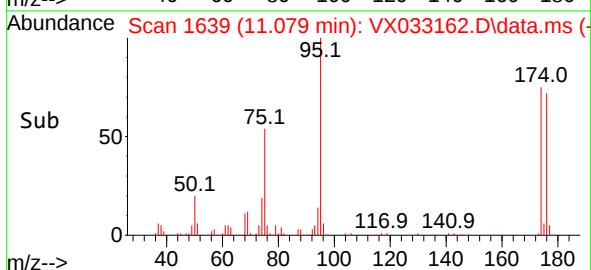
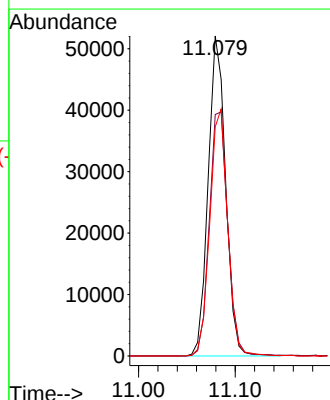
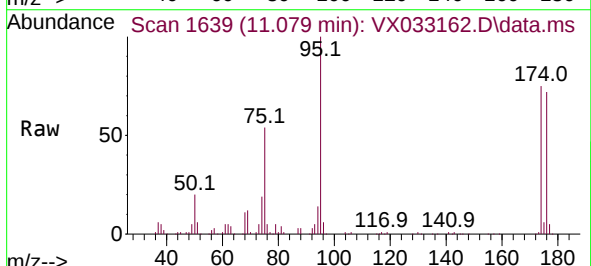
Tgt Ion: 95 Resp: 65575

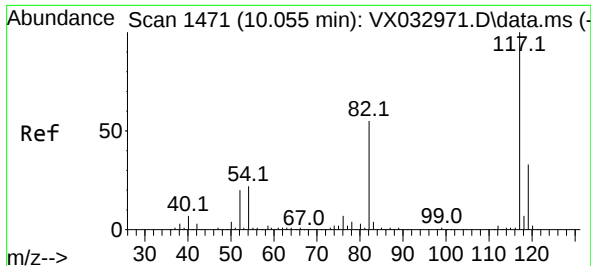
Ion Ratio Lower Upper

95 100

174 80.7 0.0 164.0

176 78.8 0.0 154.4

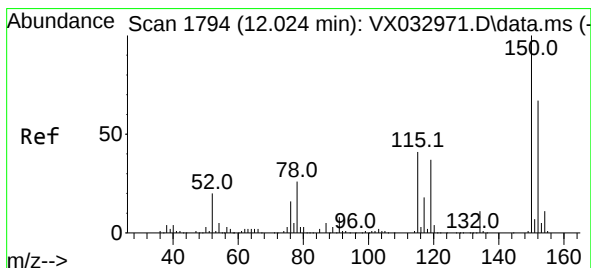
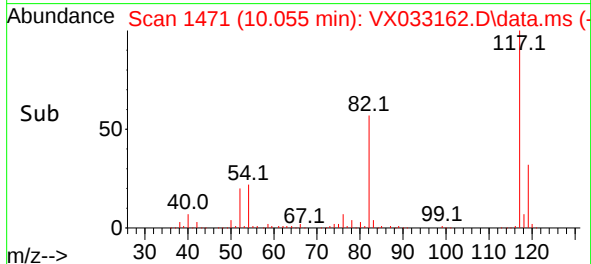
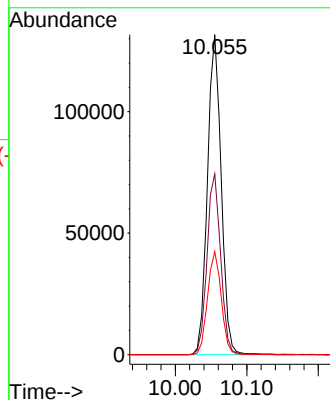
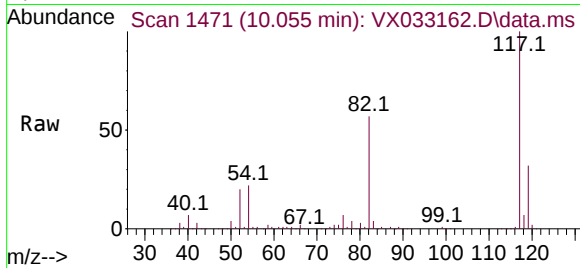




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033162.D
Acq: 01 Dec 2022 14:46

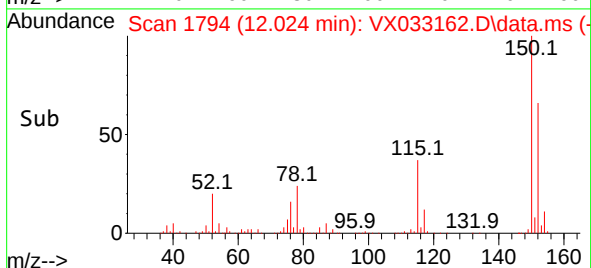
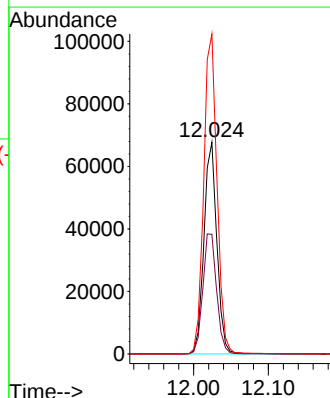
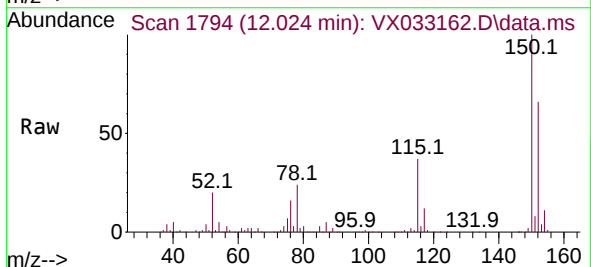
Instrument :
MSVOA_X
ClientSampleId :
RW9-PT-IN-02-11302022

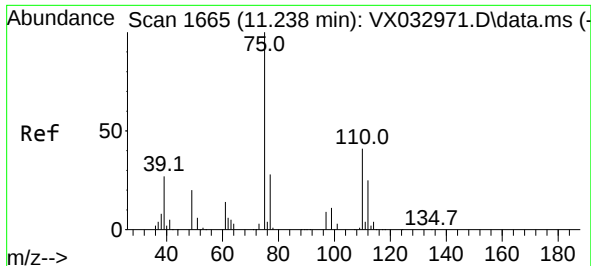
Tgt Ion:117 Resp: 175930
Ion Ratio Lower Upper
117 100
82 56.5 44.3 66.5
119 32.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033162.D
Acq: 01 Dec 2022 14:46

Tgt Ion:152 Resp: 81259
Ion Ratio Lower Upper
152 100
115 60.6 44.0 132.0
150 155.1 0.0 351.8

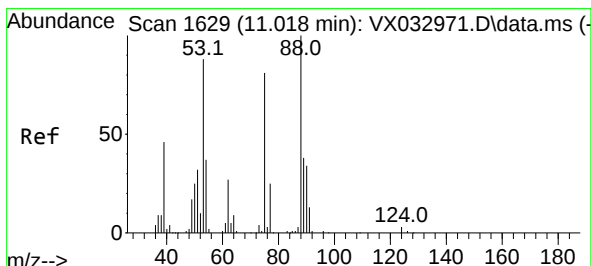
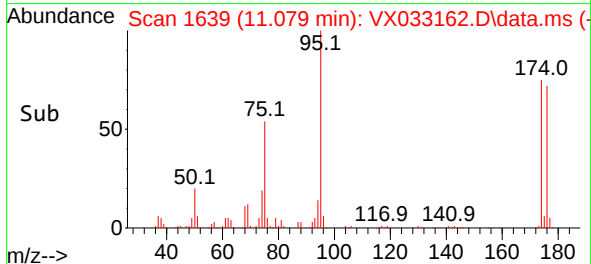
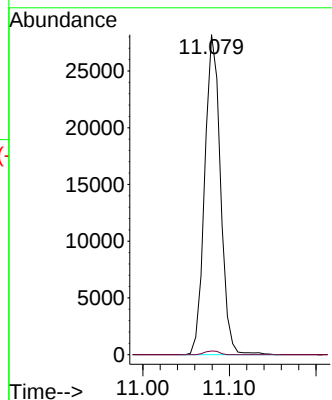
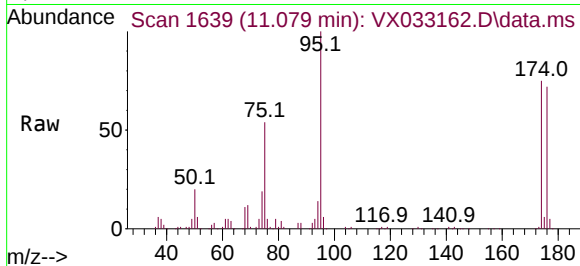




#76
1,2,3-Trichloropropane
Concen: 23.213 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033162.D
Acq: 01 Dec 2022 14:46

Instrument : MSVOA_X
ClientSampleId : RW9-PT-IN-02-11302022

Tgt Ion: 75 Resp: 35723
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.453 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033162.D
Acq: 01 Dec 2022 14:46

Tgt Ion: 75 Resp: 35723
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

