

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090622\
 Data File : VX031145.D
 Acq On : 06 Sep 2022 21:54
 Operator : JC/MD
 Sample : N4478-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FRAC-TANK-SV28486

Quant Time: Sep 07 01:15:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

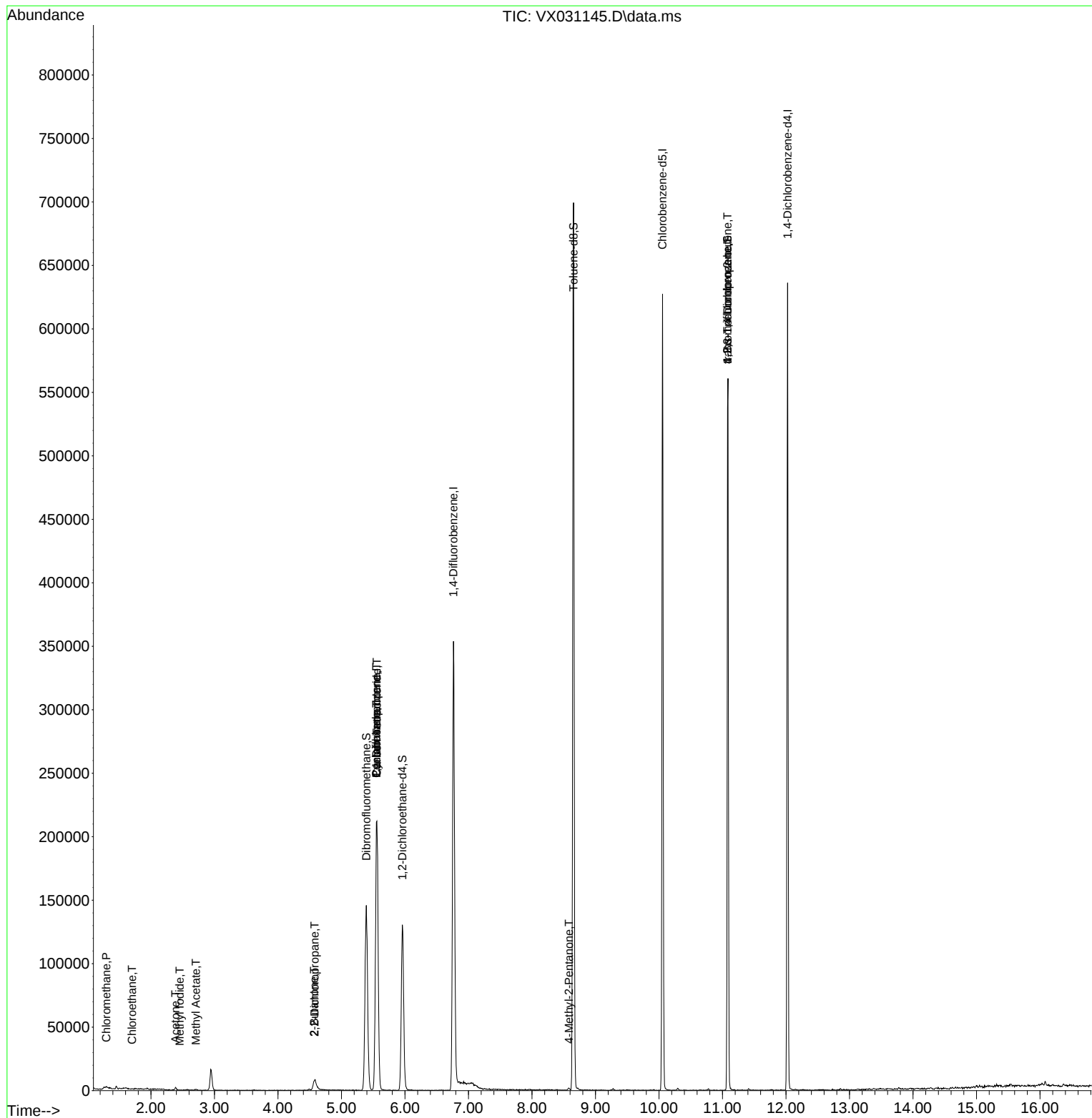
Internal Standards						
1) Pentafluorobenzene	5.550	168	222363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	368047	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131541	45.975	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.960%
35) Dibromofluoromethane	5.391	113	133023	49.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.060%
50) Toluene-d8	8.653	98	438348	44.345	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.680%
62) 4-Bromofluorobenzene	11.079	95	154576	44.274	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.540%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	230	0.804	ug/l #	42
6) Chloroethane	1.703	64	138	1.816	ug/l #	41
10) Methyl Iodide	2.453	142	65	2.932	ug/l #	45
11) Tert butyl alcohol	2.941	59	9233	Below Cal	#	76
16) Acetone	2.386	43	2417	2.188	ug/l	94
18) Methyl Acetate	2.709	43	1158	0.365	ug/l #	87
25) 2-Butanone	4.568	43	744	0.436	ug/l #	48
26) 2,2-Dichloropropane	4.574	77	794	0.214	ug/l #	49
31) Cyclohexane	5.550	56	3513	0.899	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13616	3.619	ug/l #	46
38) Carbon Tetrachloride	5.556	117	22225	5.691	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	1470	0.448	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	70615	21.266	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	70615	66.835	ug/l #	12

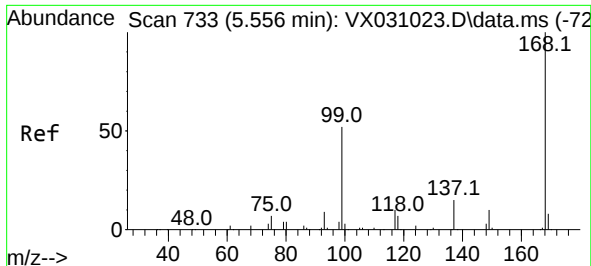
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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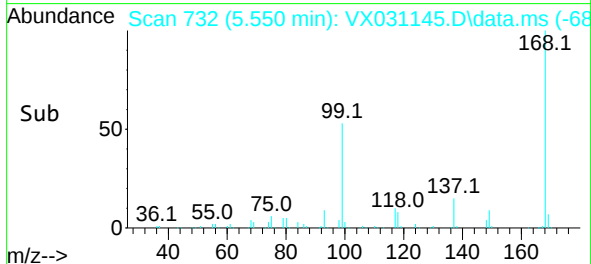
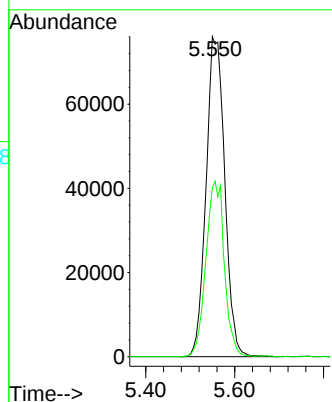
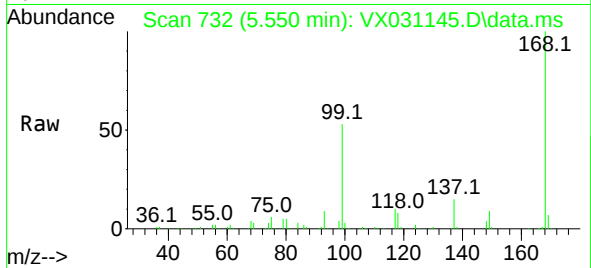




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031145.D
Acq: 06 Sep 2022 21:54

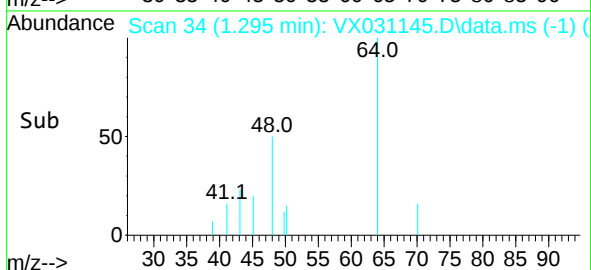
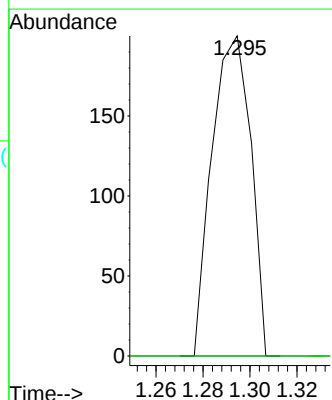
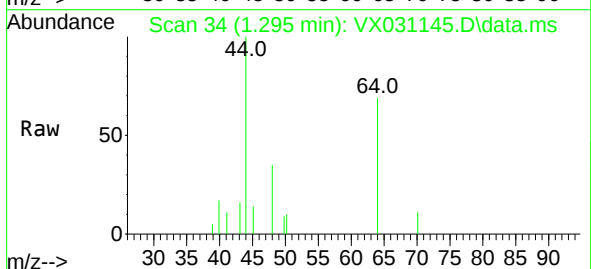
Instrument :
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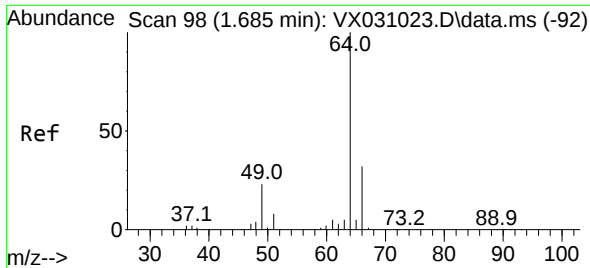
Tgt Ion:168 Resp: 222363
Ion Ratio Lower Upper
168 100
99 52.8 44.0 66.0



#3
Chloromethane
Concen: 0.804 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.007 min
Lab File: VX031145.D
Acq: 06 Sep 2022 21:54

Tgt Ion: 50 Resp: 230
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

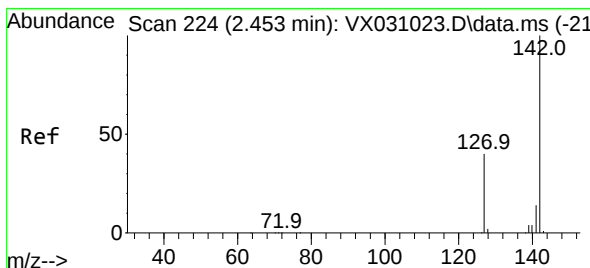
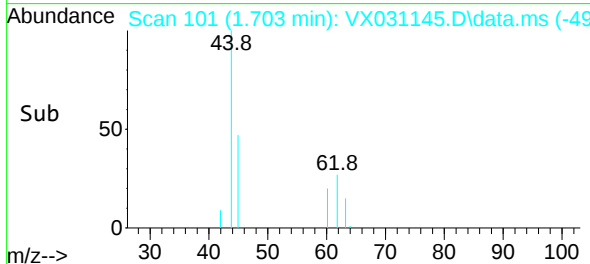
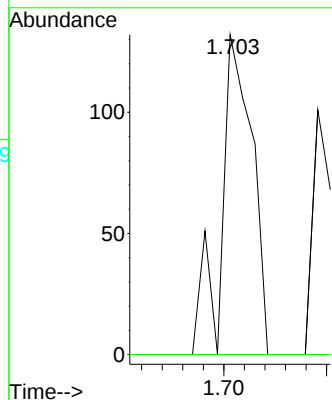
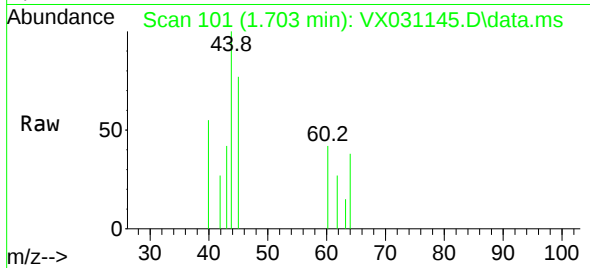




#6
Chloroethane
Concen: 1.816 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX031145.D
Acq: 06 Sep 2022 21:54

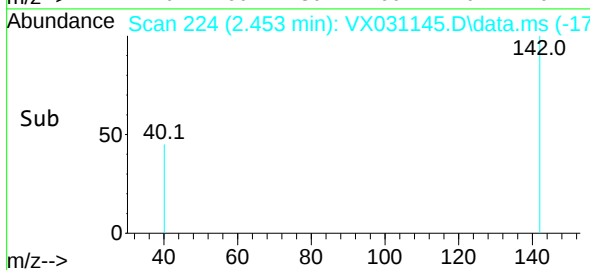
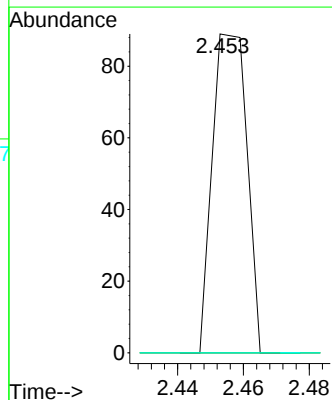
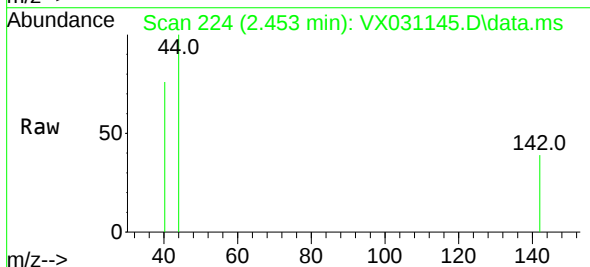
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-SV28486

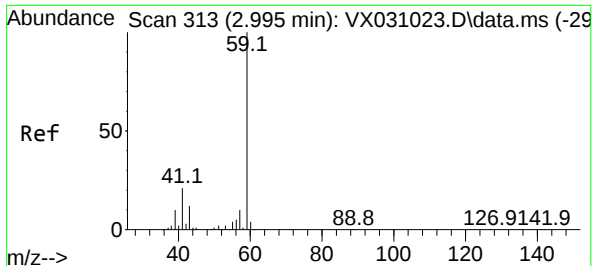
Tgt Ion: 64 Resp: 138
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 2.932 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031145.D
Acq: 06 Sep 2022 21:54

Tgt Ion: 142 Resp: 65
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.048 min

Lab File: VX031145.D

Acq: 06 Sep 2022 21:54

Instrument :

MSVOA_X

ClientSampleId :

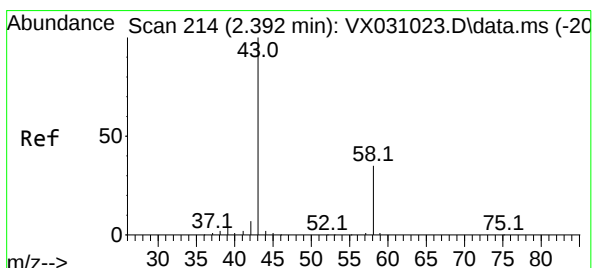
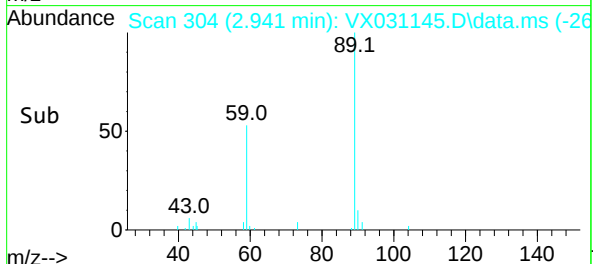
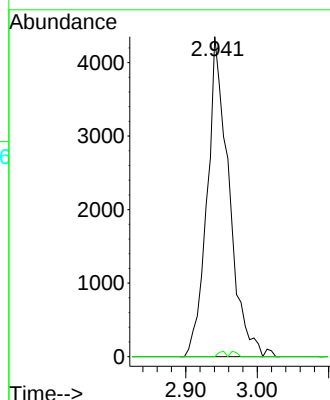
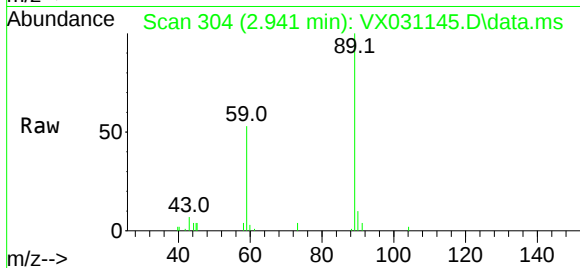
FRAC-TANK-SV28486

Tgt Ion: 59 Resp: 9233

Ion Ratio Lower Upper

59 100

57 0.5 7.4 11.2#



#16

Acetone

Concen: 2.188 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX031145.D

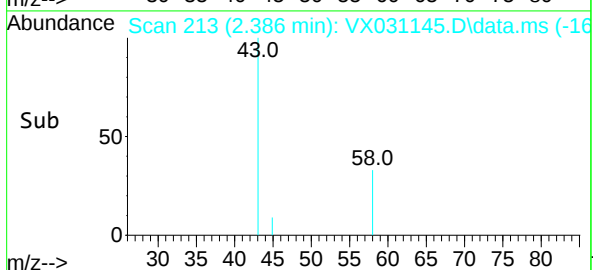
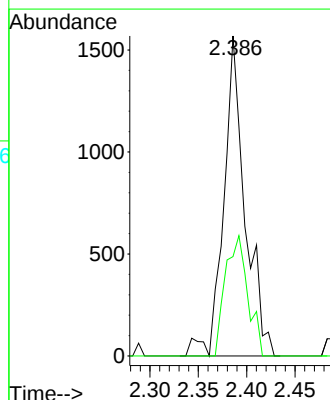
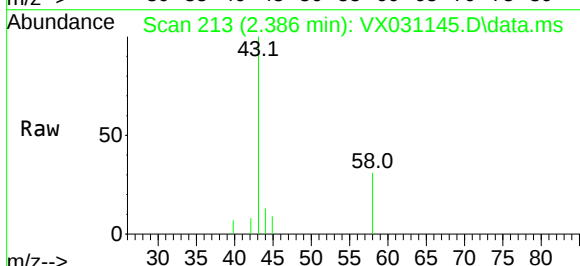
Acq: 06 Sep 2022 21:54

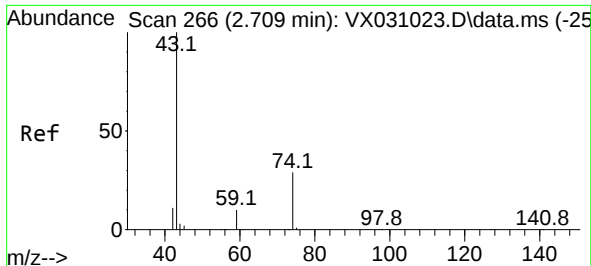
Tgt Ion: 43 Resp: 2417

Ion Ratio Lower Upper

43 100

58 31.0 27.7 41.5

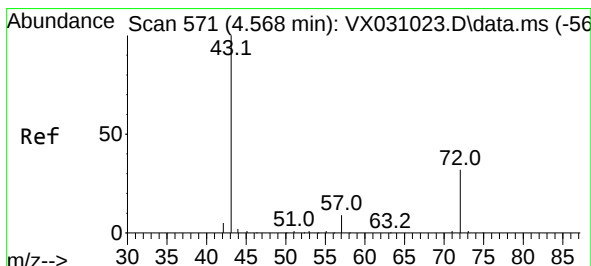
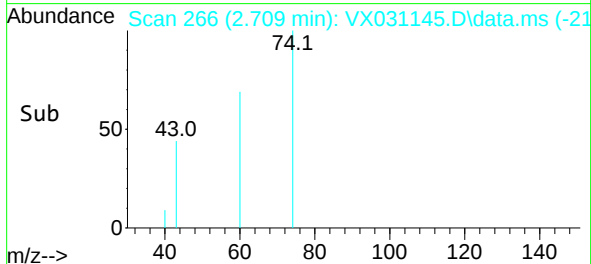
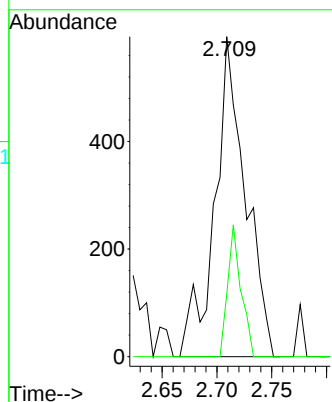
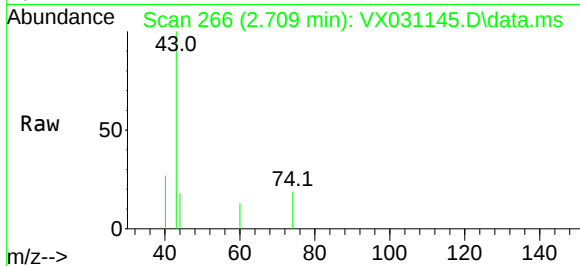




#18
Methyl Acetate
Concen: 0.365 ug/l
RT: 2.709 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX031145.D
Acq: 06 Sep 2022 21:54

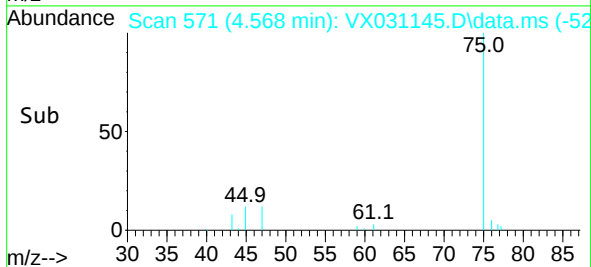
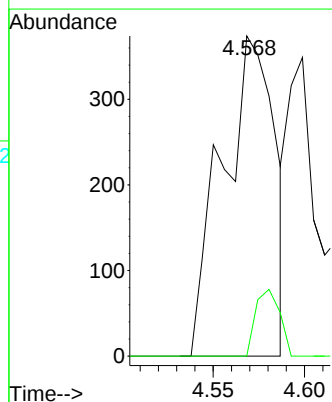
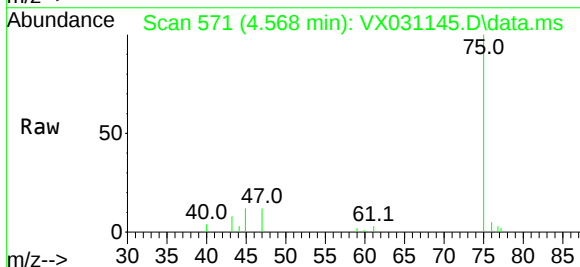
Instrument :
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ClientSampleId :
FRAC-TANK-SV28486

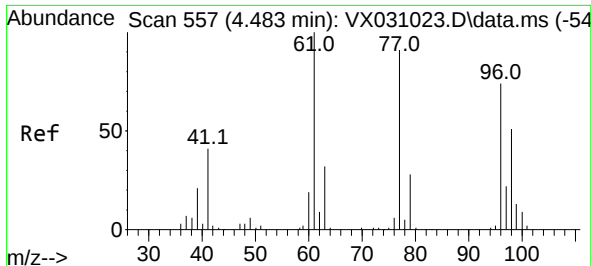
Tgt Ion: 43 Resp: 1158
Ion Ratio Lower Upper
43 100
74 17.9 19.4 29.2#



#25
2-Butanone
Concen: 0.436 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX031145.D
Acq: 06 Sep 2022 21:54

Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#





#26

2,2-Dichloropropane

Concen: 0.214 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.097 min

Lab File: VX031145.D

Acq: 06 Sep 2022 21:54

Instrument :

MSVOA_X

ClientSampleId :

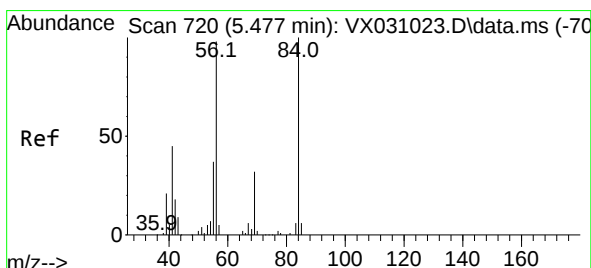
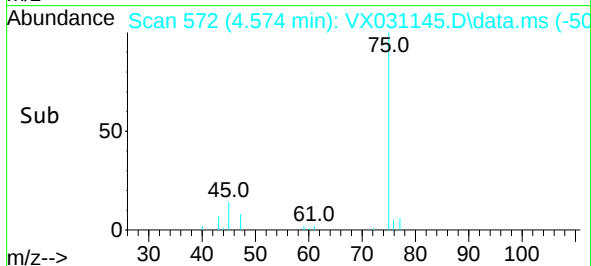
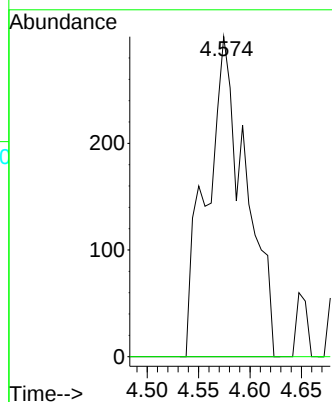
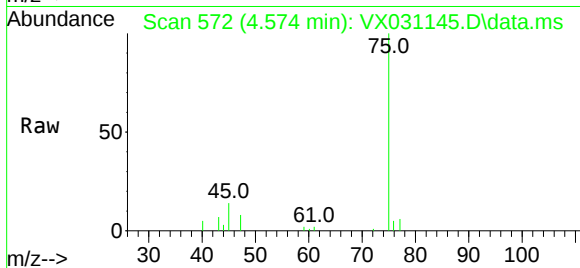
FRAC-TANK-SV28486

Tgt Ion: 77 Resp: 794

Ion Ratio Lower Upper

77 100

97 0.0 13.0 39.0#



#31

Cyclohexane

Concen: 0.899 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX031145.D

Acq: 06 Sep 2022 21:54

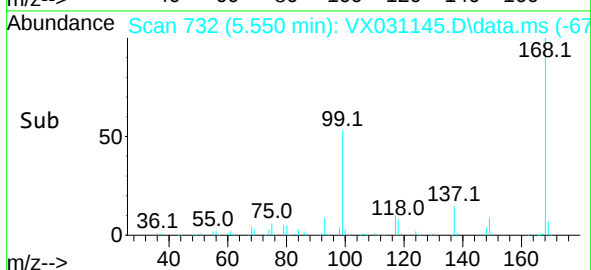
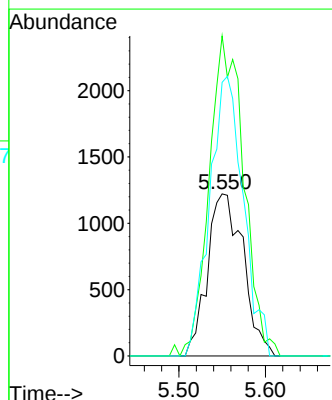
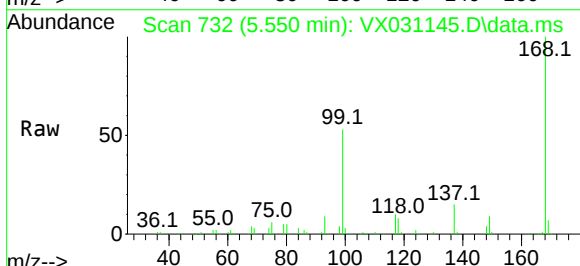
Tgt Ion: 56 Resp: 3513

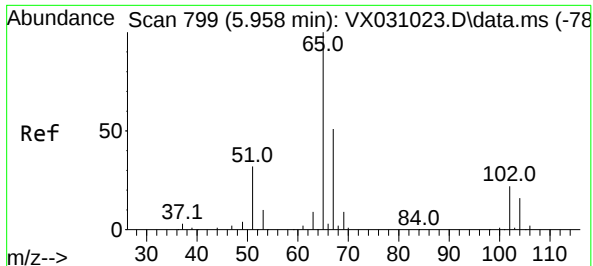
Ion Ratio Lower Upper

56 100

69 197.4 25.4 38.0#

84 168.7 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 45.975 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031145.D

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Instrument :

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ClientSampleId :

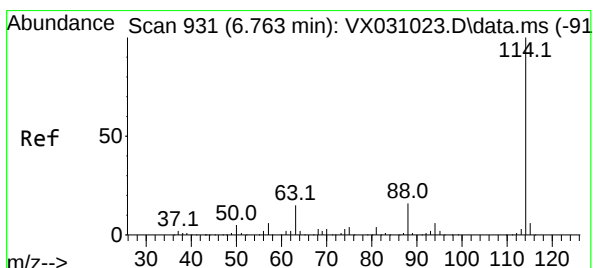
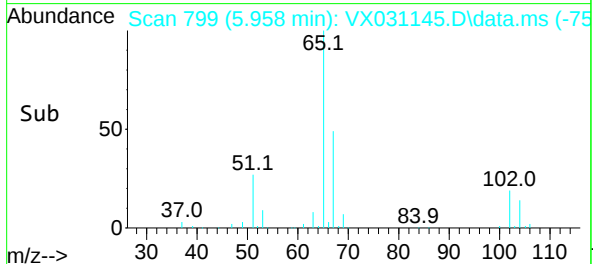
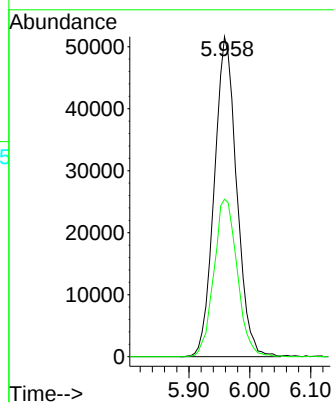
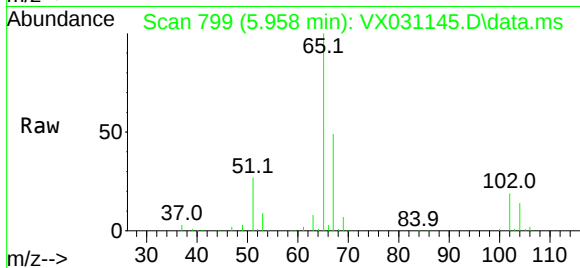
FRAC-TANK-SV28486

Tgt Ion: 65 Resp: 131541

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031145.D

Acq: 06 Sep 2022 21:54

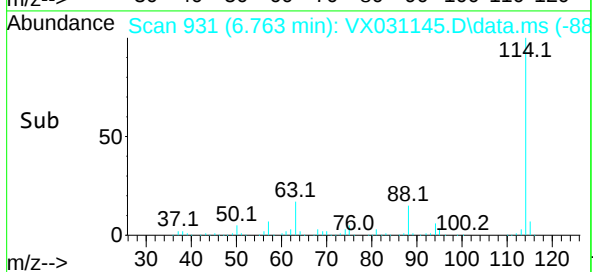
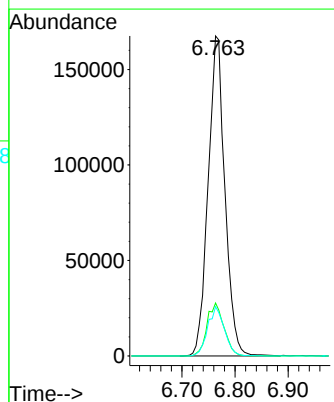
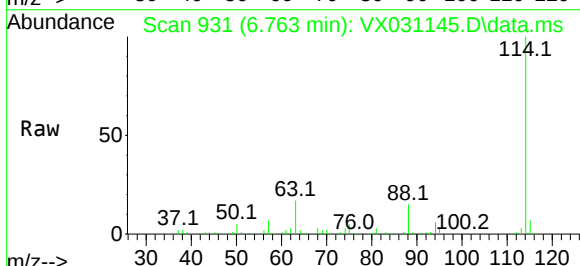
Tgt Ion: 114 Resp: 368047

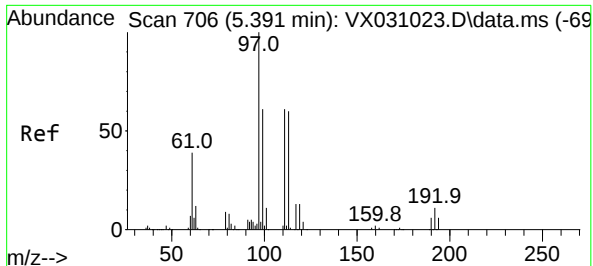
Ion Ratio Lower Upper

114 100

63 16.5 0.0 38.4

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.527 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031145.D

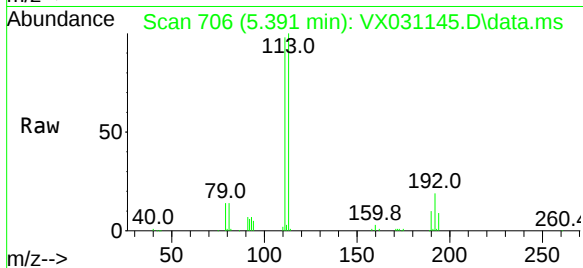
Acq: 06 Sep 2022 21:54

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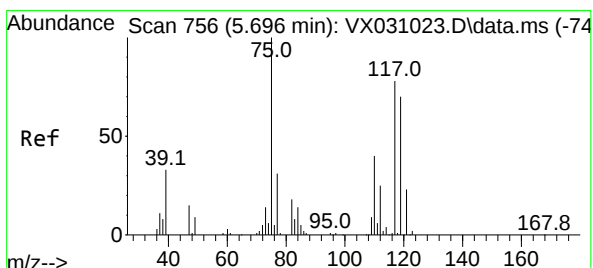
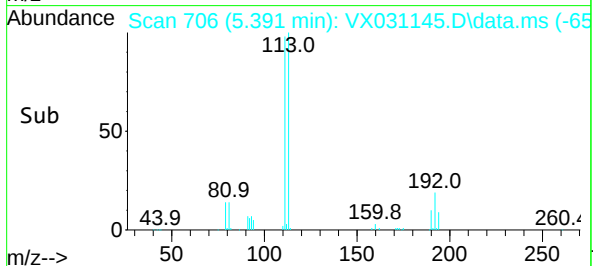
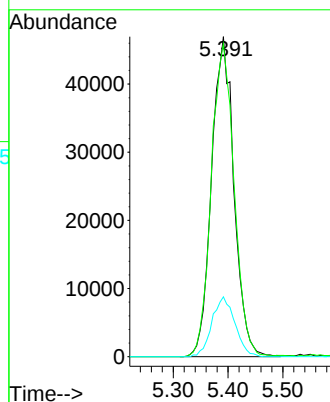
Tgt Ion:113 Resp: 133023

Ion Ratio Lower Upper

113 100

111 99.9 83.2 124.8

192 19.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.619 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX031145.D

Acq: 06 Sep 2022 21:54

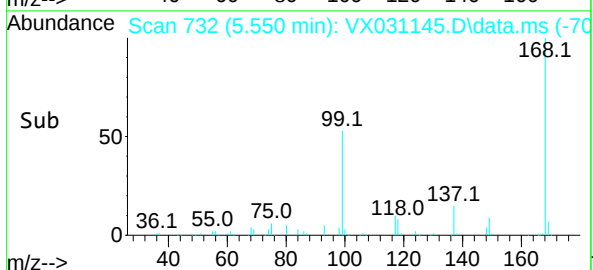
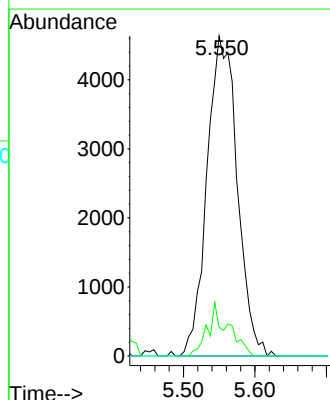
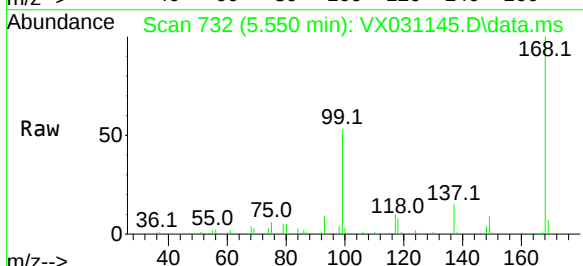
Tgt Ion: 75 Resp: 13616

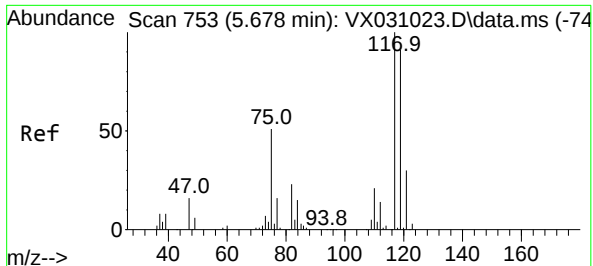
Ion Ratio Lower Upper

75 100

110 7.2 19.3 57.9#

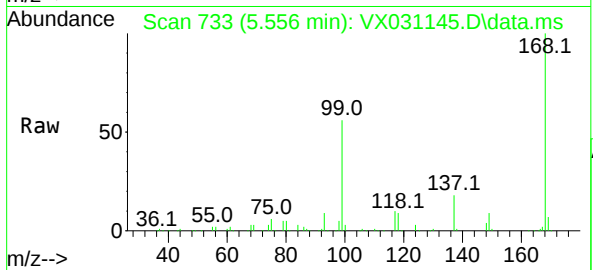
77 0.0 24.4 36.6#



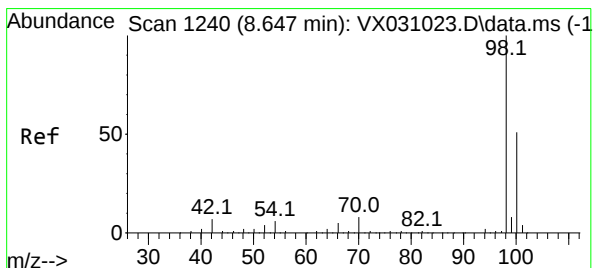
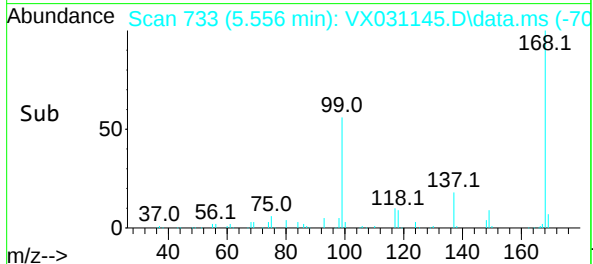
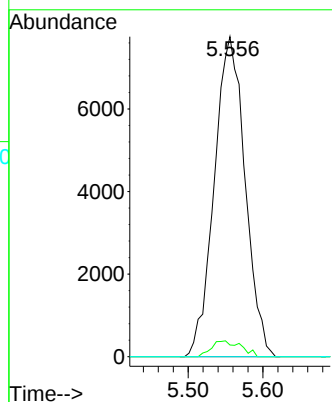


#38
Carbon Tetrachloride
Concen: 5.691 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031145.D
Acq: 06 Sep 2022 21:54

Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-SV28486

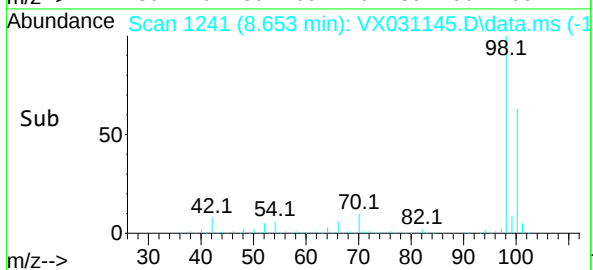
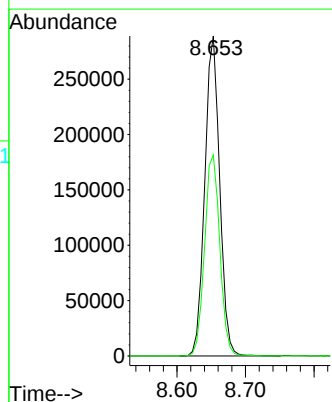
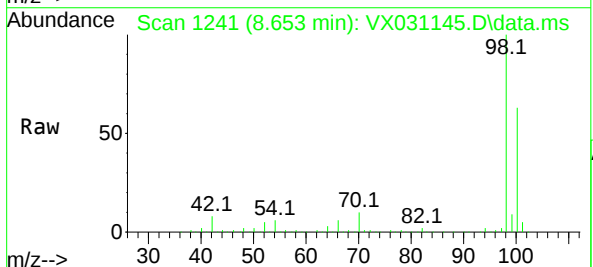


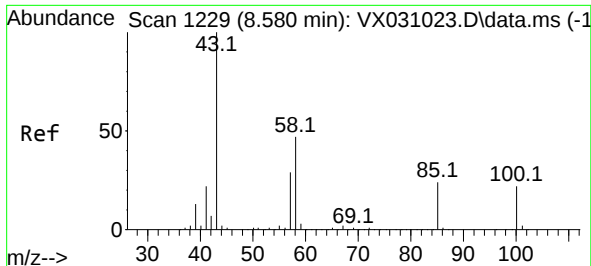
Tgt Ion:117 Resp: 22225
Ion Ratio Lower Upper
117 100
119 3.6 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 44.345 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031145.D
Acq: 06 Sep 2022 21:54

Tgt Ion: 98 Resp: 438348
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5

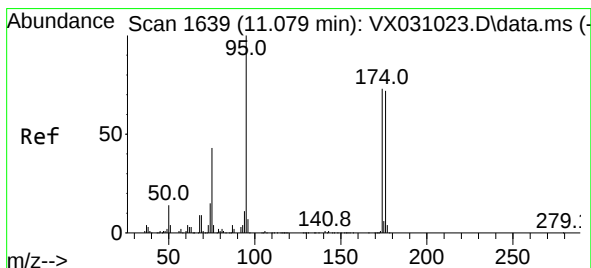
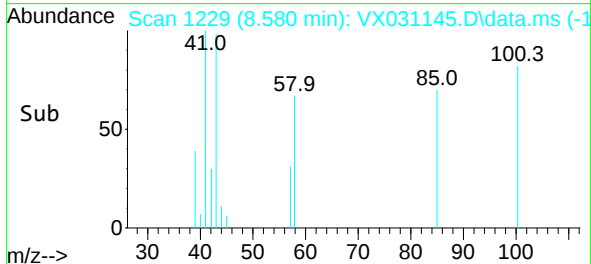
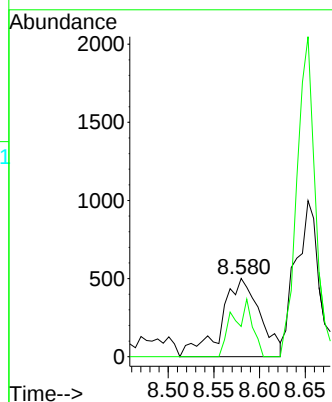
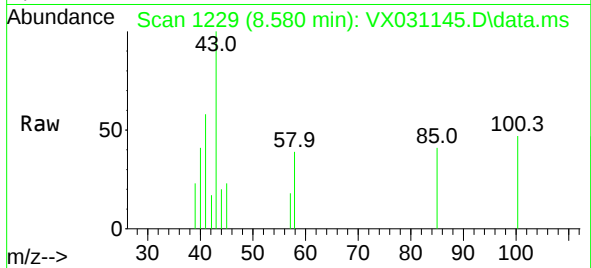




#51
4-Methyl-2-Pentanone
Concen: 0.448 ug/l
RT: 8.580 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031145.D
Acq: 06 Sep 2022 21:54

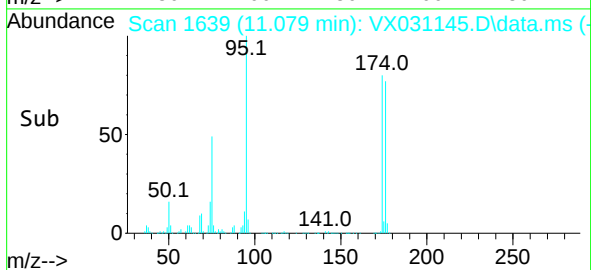
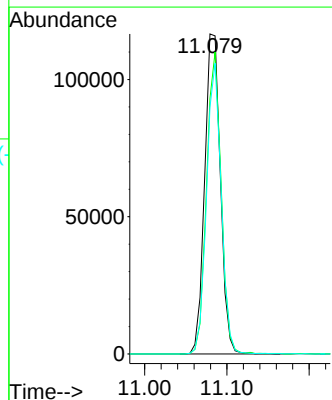
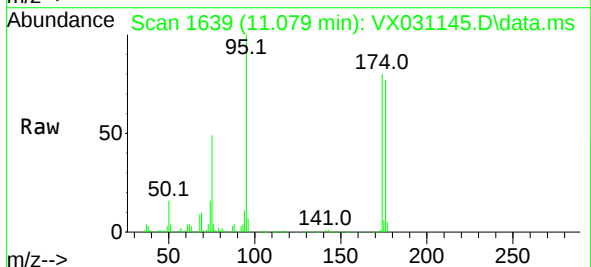
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-SV28486

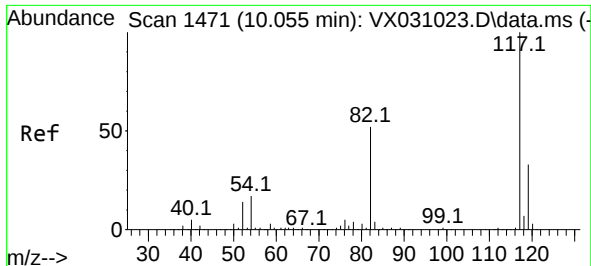
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
58 37.2 31.4 47.2



#62
4-Bromofluorobenzene
Concen: 44.274 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031145.D
Acq: 06 Sep 2022 21:54

Tgt Ion: 95 Resp: 154576
Ion Ratio Lower Upper
95 100
174 88.0 0.0 149.0
176 85.1 0.0 146.0

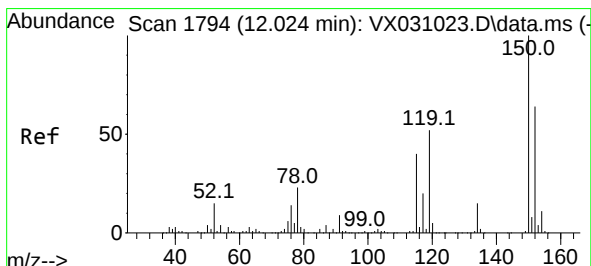
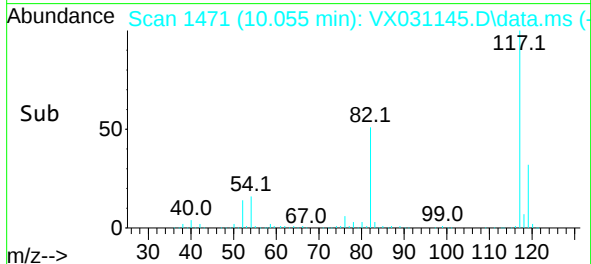
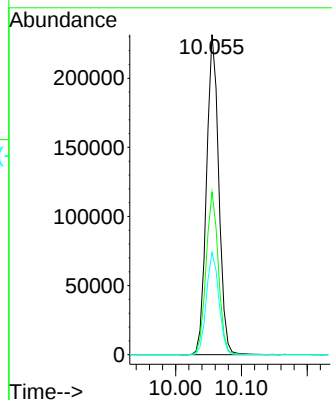
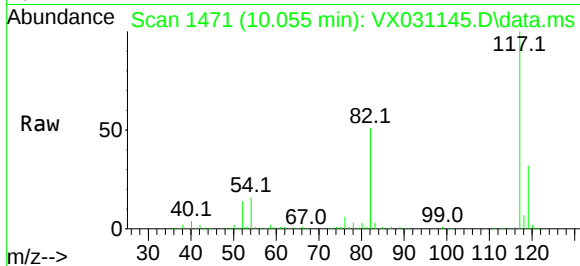




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031145.D
Acq: 06 Sep 2022 21:54

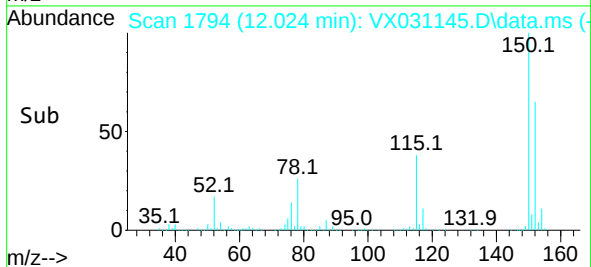
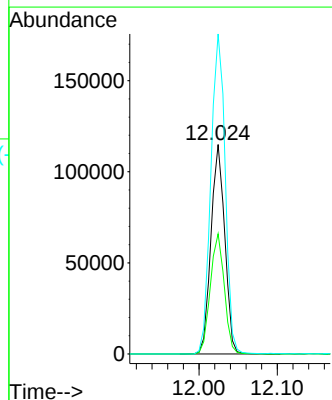
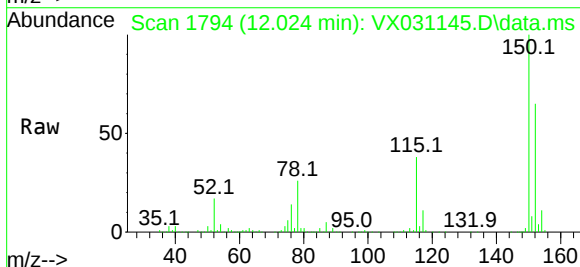
Instrument :
MSVOA_X
ClientSampleId :
FRAC-TANK-SV28486

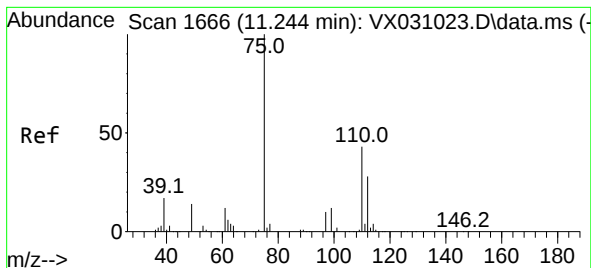
Tgt Ion:117 Resp: 300287
Ion Ratio Lower Upper
117 100
82 50.9 42.7 64.1
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031145.D
Acq: 06 Sep 2022 21:54

Tgt Ion:152 Resp: 140465
Ion Ratio Lower Upper
152 100
115 58.2 40.5 121.5
150 158.1 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 21.266 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX031145.D

Acq: 06 Sep 2022 21:54

Instrument :

MSVOA_X

ClientSampleId :

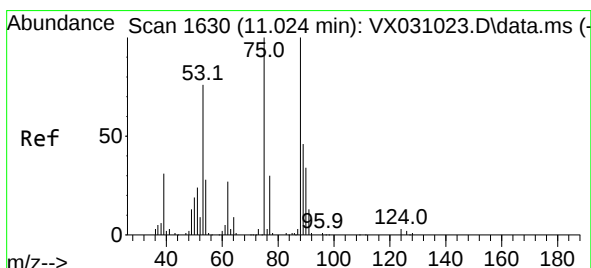
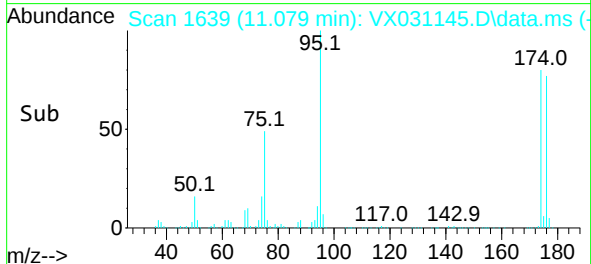
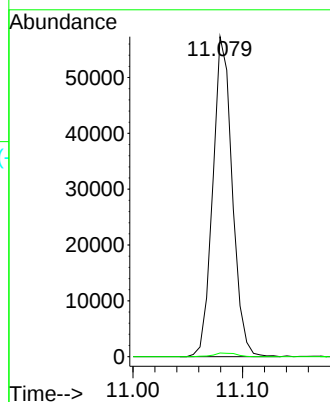
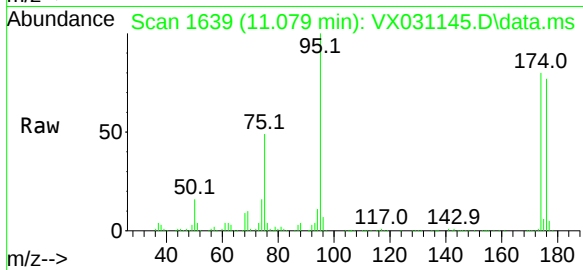
FRAC-TANK-SV28486

Tgt Ion: 75 Resp: 70615

Ion Ratio Lower Upper

75 100

77 1.4 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.835 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.055 min

Lab File: VX031145.D

Acq: 06 Sep 2022 21:54

Tgt Ion: 75 Resp: 70615

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

