

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027612.D
 Acq On : 22 Mar 2022 14:19
 Operator : JC/MD
 Sample : N2000-20DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-105D2-20220316DL

Quant Time: Mar 23 01:46:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

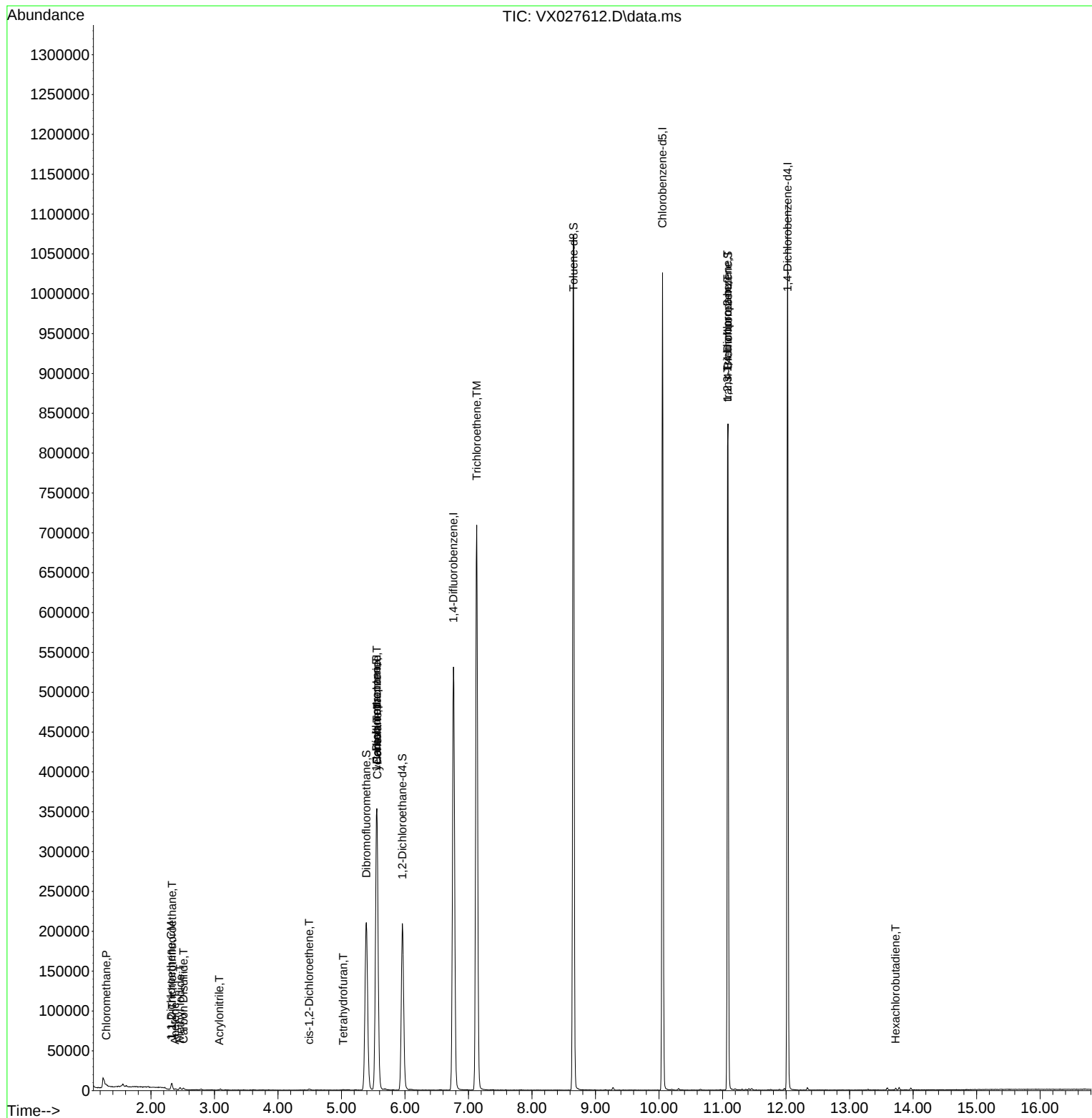
Internal Standards						
1) Pentafluorobenzene	5.556	168	359965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	585161	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	509214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	243348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	200474	45.209	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.420%
35) Dibromofluoromethane	5.391	113	189034	50.211	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.420%
50) Toluene-d8	8.653	98	680030	47.733	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.460%
62) 4-Bromofluorobenzene	11.085	95	235866	45.044	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.080%
Target Compounds						Qvalue
3) Chloromethane	1.294	50	781	0.255	ug/l	100
5) Bromomethane	1.611	94	985	Below Cal		97
9) 1,1,2-Trichlorotrifluo...	2.331	101	2443	0.701	ug/l	90
10) Methyl Iodide	2.459	142	3256	0.706	ug/l	95
12) 1,1-Dichloroethene	2.319	96	984	0.294	ug/l #	82
15) Acrylonitrile	3.075	53	433	0.225	ug/l #	74
16) Acetone	2.380	43	1153	0.638	ug/l	90
17) Carbon Disulfide	2.514	76	2435	0.286	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	960	0.232	ug/l	68
29) Tetrahydrofuran	5.025	42	644	0.369	ug/l #	34
31) Cyclohexane	5.562	56	6141	1.115	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24626	4.787	ug/l #	50
38) Carbon Tetrachloride	5.556	117	34207	5.812	ug/l #	16
44) Trichloroethene	7.129	130	294106	65.638	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.263	63	85	Below Cal	#	45
76) 1,2,3-Trichloropropane	11.079	75	108298	21.277	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	108298	64.618	ug/l #	15
94) Hexachlorobutadiene	13.725	225	493	0.215	ug/l	87

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
Data File : VX027612.D
Acq On : 22 Mar 2022 14:19
Operator : JC/MD
Sample : N2000-20DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE-105D2-20220316DL

Quant Time: Mar 23 01:46:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

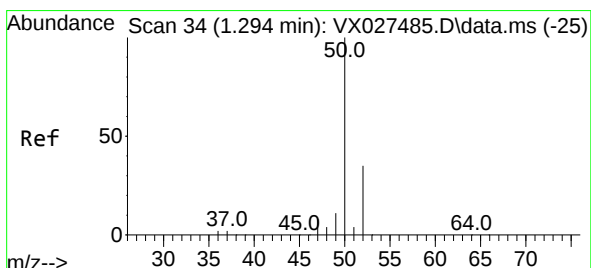
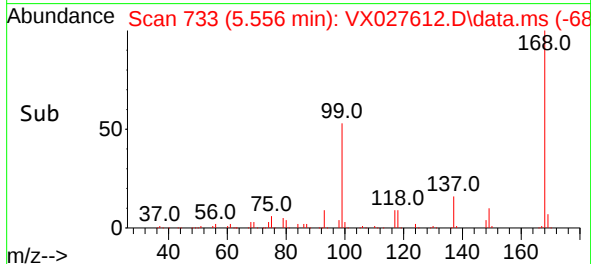
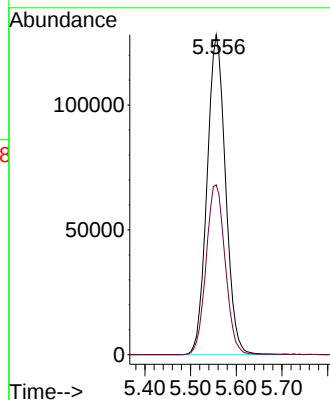
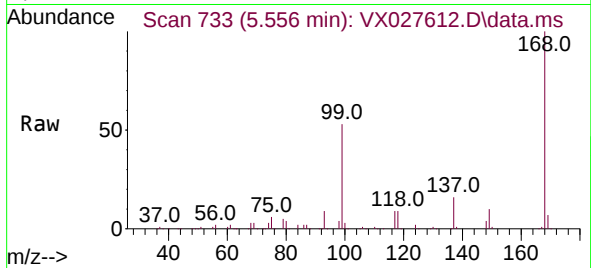




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027612.D
Acq: 22 Mar 2022 14:19

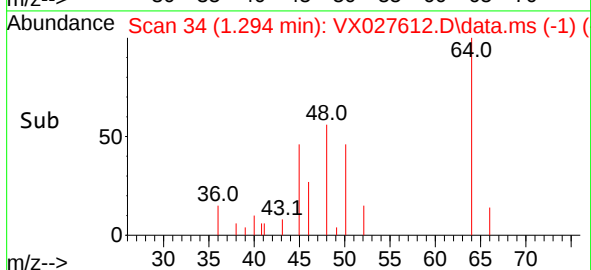
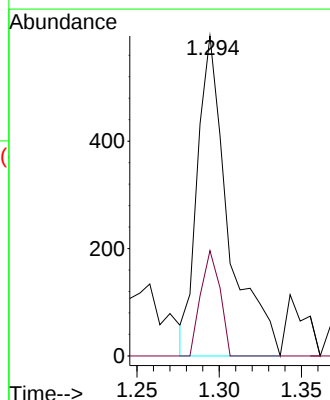
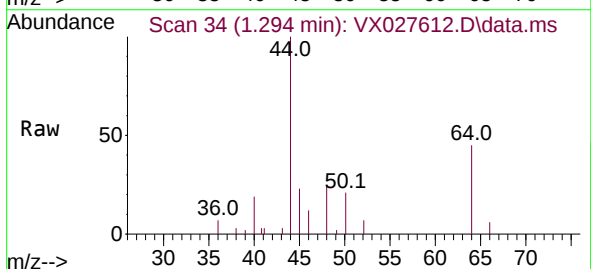
Instrument :
MSVOA_X
ClientSampleId :
RE-105D2-20220316DL

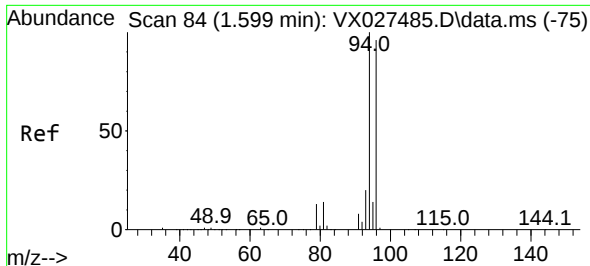
Tgt Ion:168 Resp: 359965
Ion Ratio Lower Upper
168 100
99 53.1 41.7 62.5



#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027612.D
Acq: 22 Mar 2022 14:19

Tgt Ion: 50 Resp: 781
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6

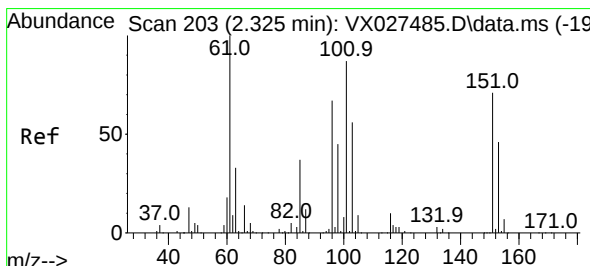
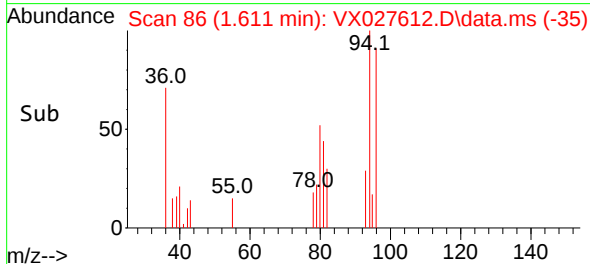
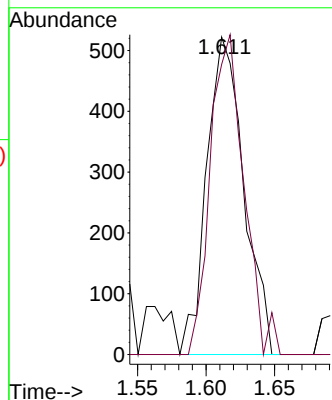
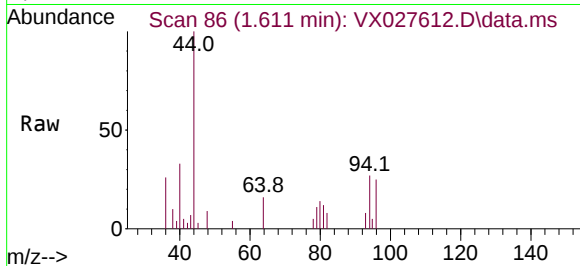




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027612.D
Acq: 22 Mar 2022 14:19

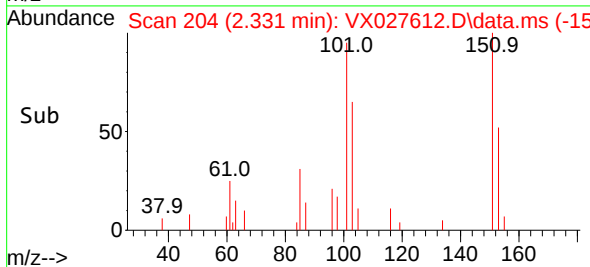
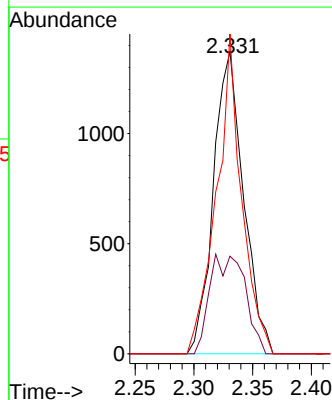
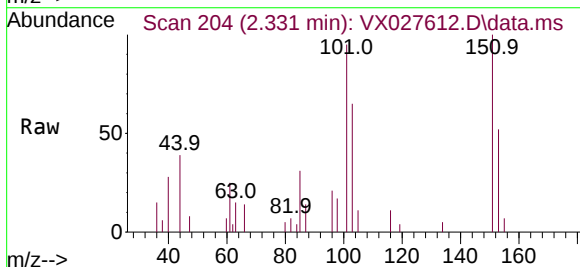
Instrument :
MSVOA_X
ClientSampleId :
RE-105D2-20220316DL

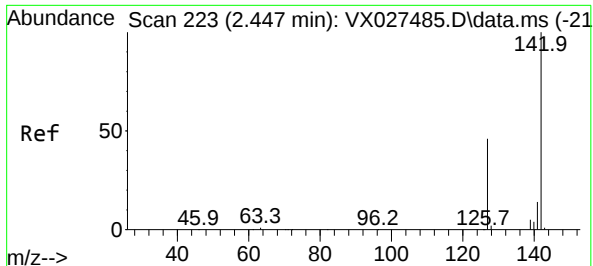
Tgt Ion: 94 Resp: 985
Ion Ratio Lower Upper
94 100
96 91.4 75.3 112.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.701 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX027612.D
Acq: 22 Mar 2022 14:19

Tgt Ion: 101 Resp: 2443
Ion Ratio Lower Upper
101 100
85 38.6 33.5 50.3
151 88.7 61.8 92.6

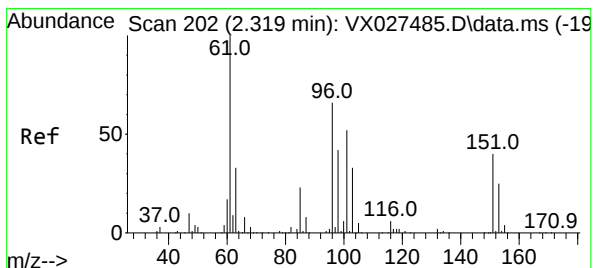
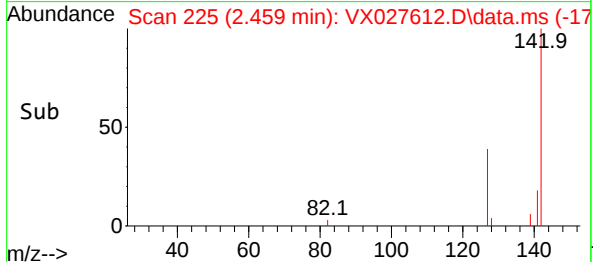
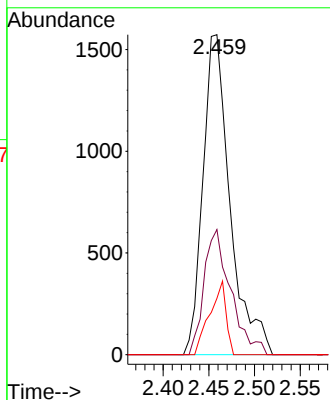
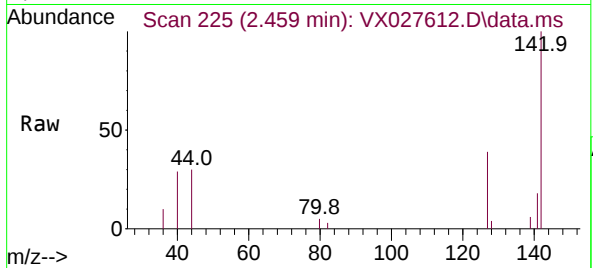




#10
Methyl Iodide
Concen: 0.706 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027612.D
Acq: 22 Mar 2022 14:19

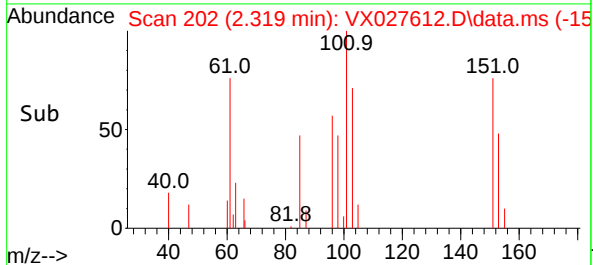
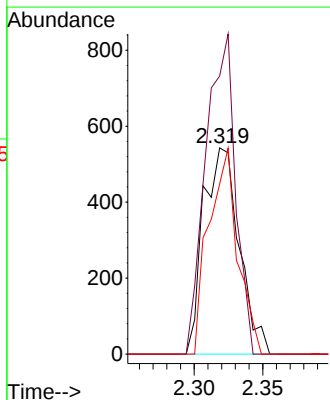
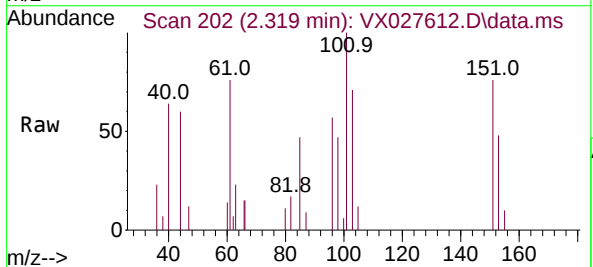
Instrument :
MSVOA_X
ClientSampleId :
RE-105D2-20220316DL

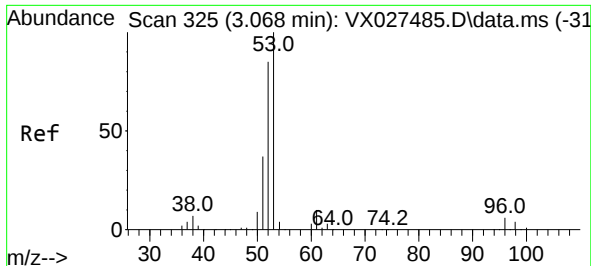
Tgt Ion:142 Resp: 3256
Ion Ratio Lower Upper
142 100
127 38.4 33.9 50.9
141 13.8 11.4 17.2



#12
1,1-Dichloroethene
Concen: 0.294 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX027612.D
Acq: 22 Mar 2022 14:19

Tgt Ion: 96 Resp: 984
Ion Ratio Lower Upper
96 100
61 134.8 124.6 187.0
98 82.5 51.0 76.4#





#15

Acrylonitrile

Concen: 0.225 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX027612.D

Acq: 22 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

RE-105D2-20220316DL

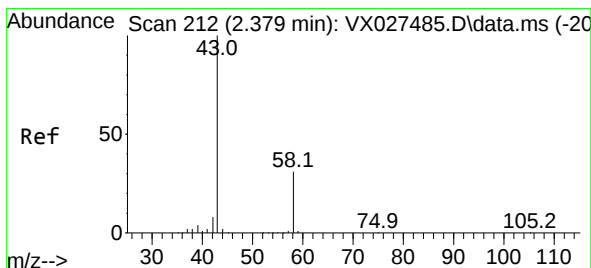
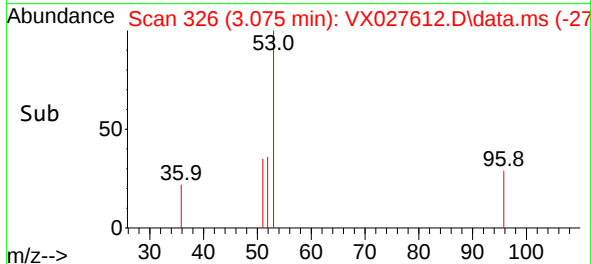
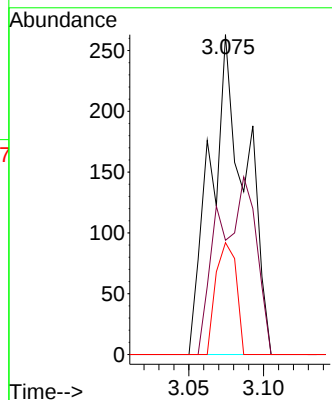
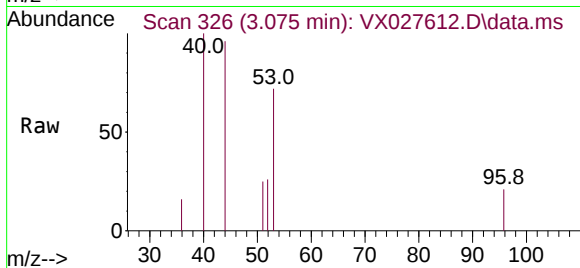
Tgt Ion: 53 Resp: 433

Ion Ratio Lower Upper

53 100

52 58.7 65.7 98.5#

51 20.1 28.4 42.6#



#16

Acetone

Concen: 0.638 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027612.D

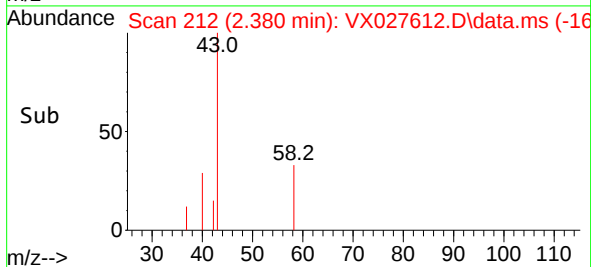
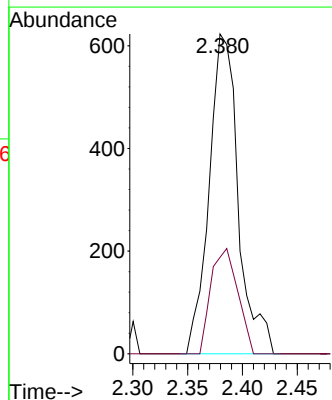
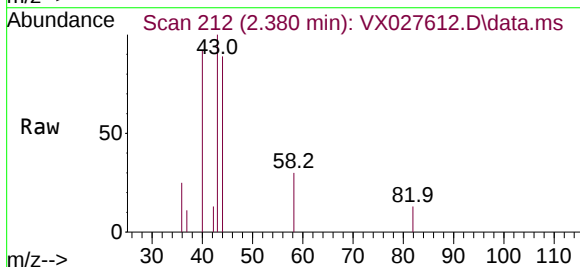
Acq: 22 Mar 2022 14:19

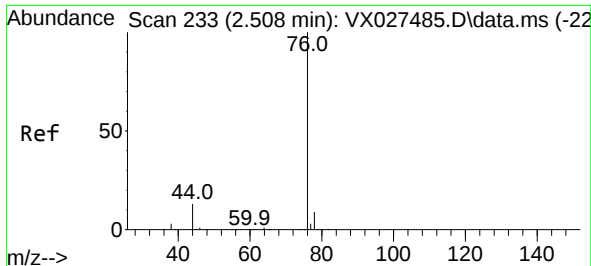
Tgt Ion: 43 Resp: 1153

Ion Ratio Lower Upper

43 100

58 30.2 28.8 43.2





#17

Carbon Disulfide

Concen: 0.286 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX027612.D

Acq: 22 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

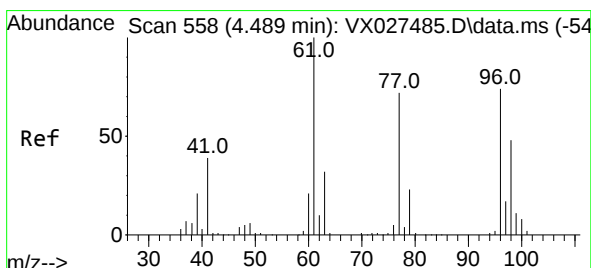
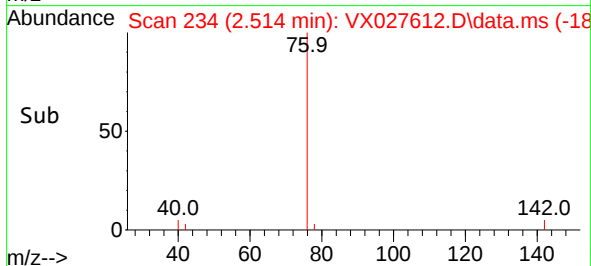
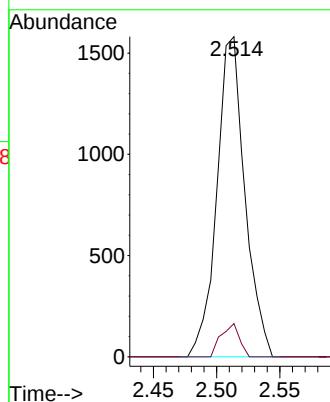
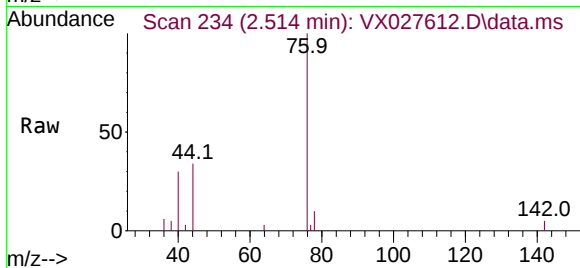
RE-105D2-20220316DL

Tgt Ion: 76 Resp: 2435

Ion Ratio Lower Upper

76 100

78 10.4 7.2 10.8



#27

cis-1,2-Dichloroethene

Concen: 0.232 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX027612.D

Acq: 22 Mar 2022 14:19

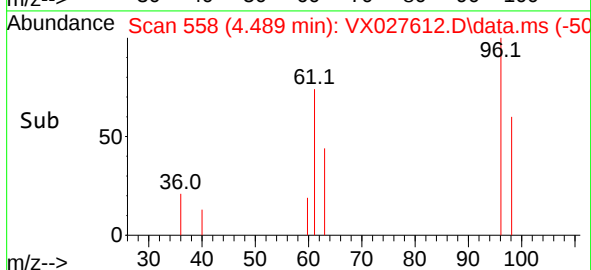
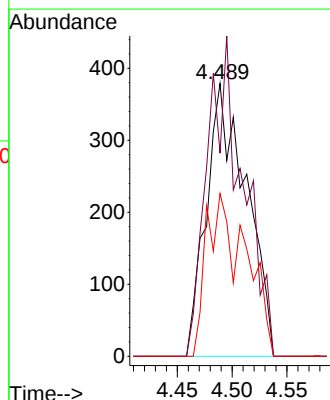
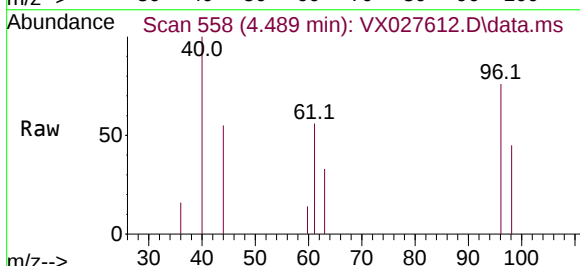
Tgt Ion: 96 Resp: 960

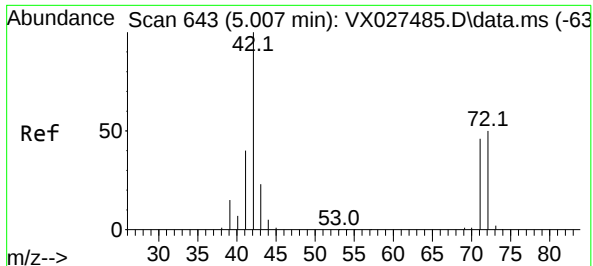
Ion Ratio Lower Upper

96 100

61 105.0 0.0 283.8

98 35.5 0.0 129.8





#29

Tetrahydrofuran

Concen: 0.369 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX027612.D

Acq: 22 Mar 2022 14:19

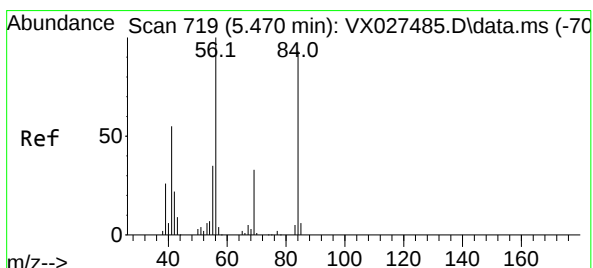
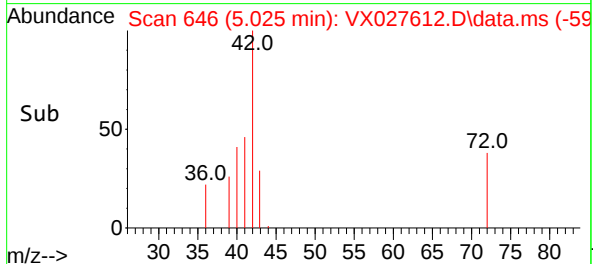
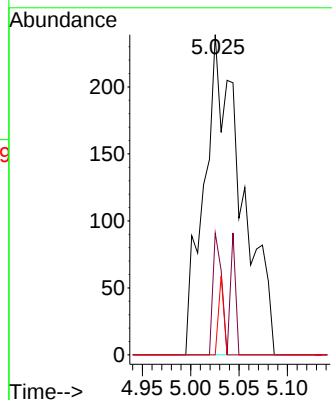
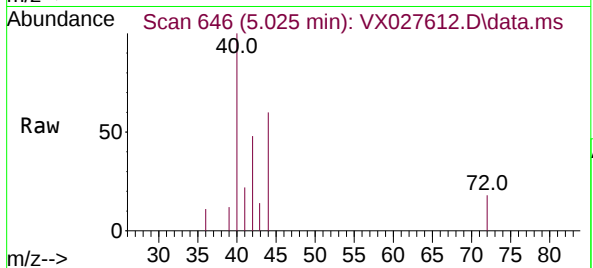
Instrument :

MSVOA_X

ClientSampleId :

RE-105D2-20220316DL

Tgt Ion:	42	Resp:	644
Ion	Ratio	Lower	Upper
42	100		
72	8.7	44.1	66.1#
71	3.4	40.5	60.7#



#31

Cyclohexane

Concen: 1.115 ug/l

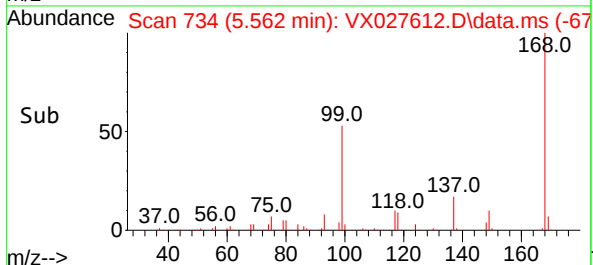
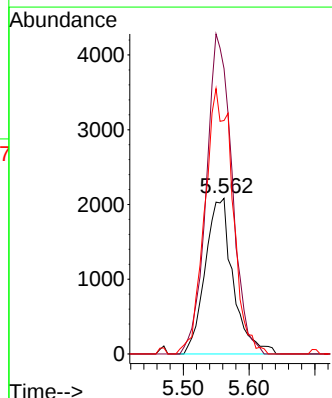
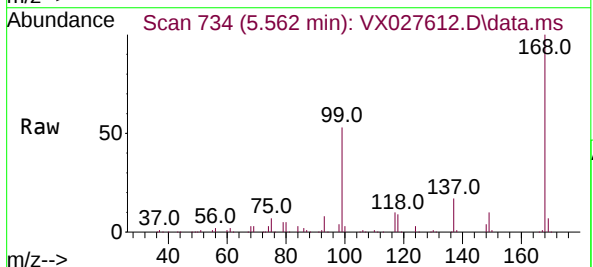
RT: 5.562 min Scan# 734

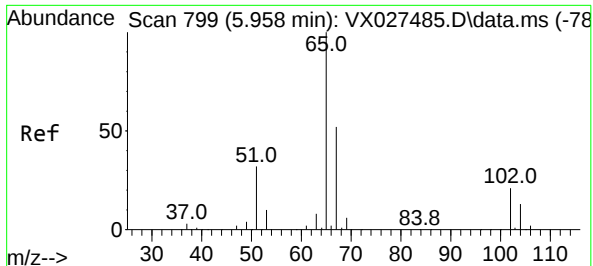
Delta R.T. 0.091 min

Lab File: VX027612.D

Acq: 22 Mar 2022 14:19

Tgt Ion:	56	Resp:	6141
Ion	Ratio	Lower	Upper
56	100		
69	183.1	26.7	40.1#
84	149.9	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 45.209 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027612.D

Acq: 22 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

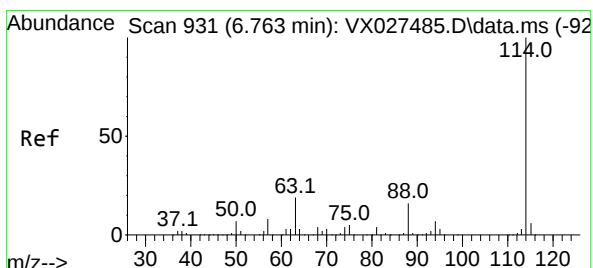
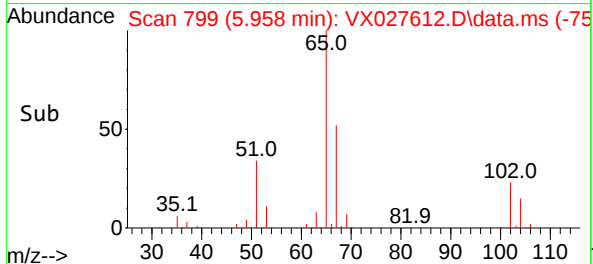
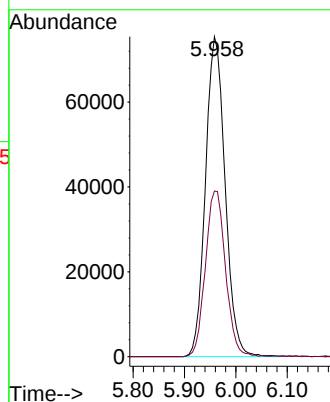
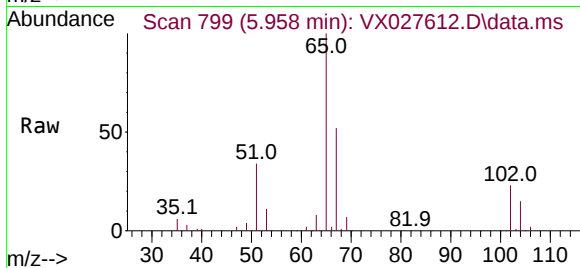
RE-105D2-20220316DL

Tgt Ion: 65 Resp: 200474

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027612.D

Acq: 22 Mar 2022 14:19

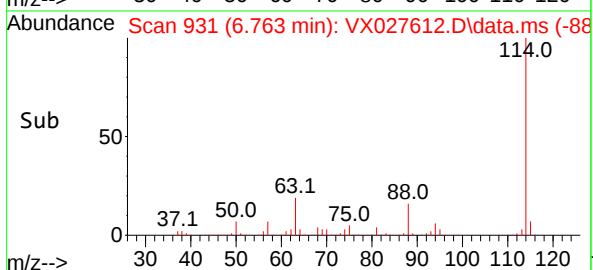
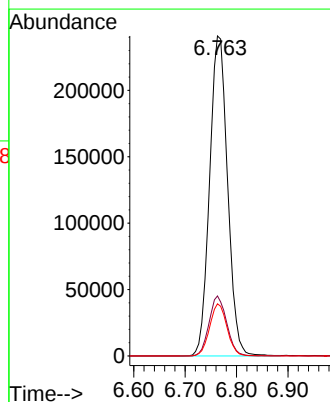
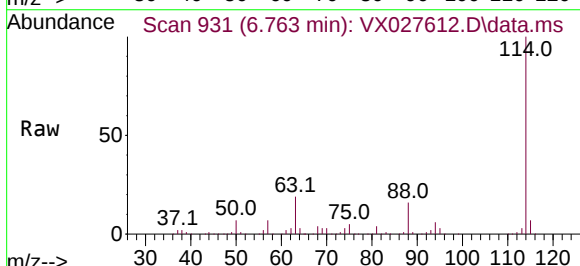
Tgt Ion: 114 Resp: 585161

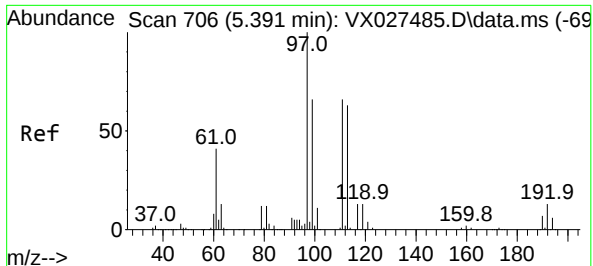
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.211 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027612.D

Acq: 22 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

RE-105D2-20220316DL

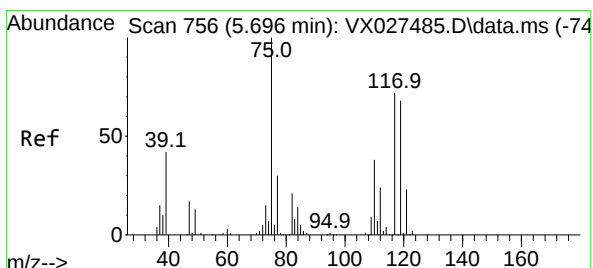
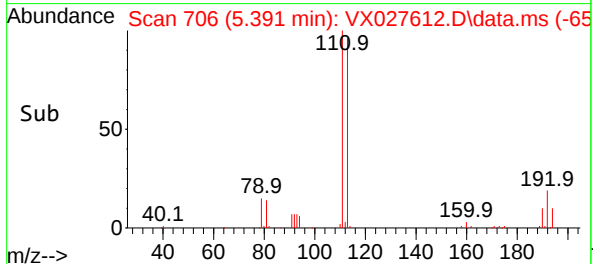
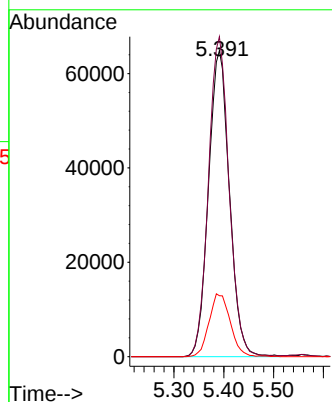
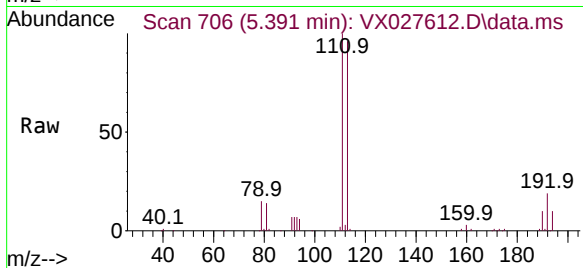
Tgt Ion:113 Resp: 189034

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 20.9 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.787 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX027612.D

Acq: 22 Mar 2022 14:19

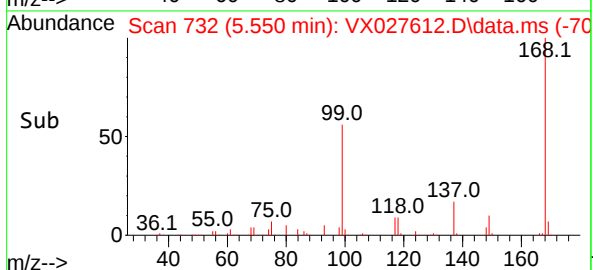
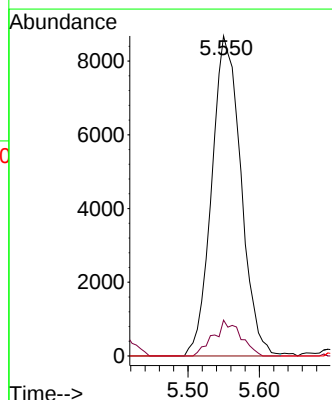
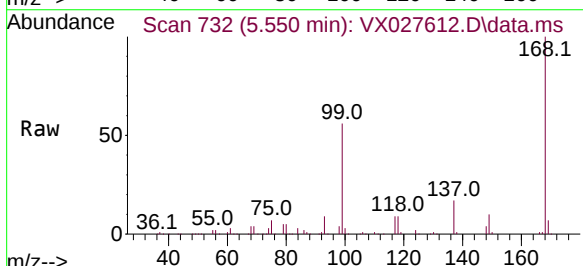
Tgt Ion: 75 Resp: 24626

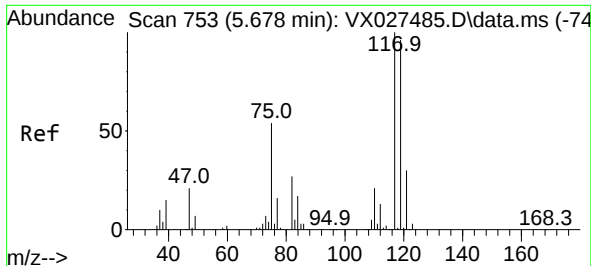
Ion Ratio Lower Upper

75 100

110 10.4 18.3 54.8#

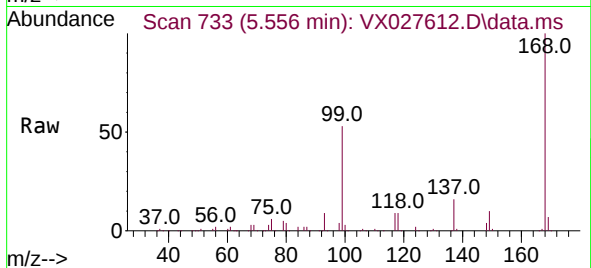
77 0.0 24.8 37.2#



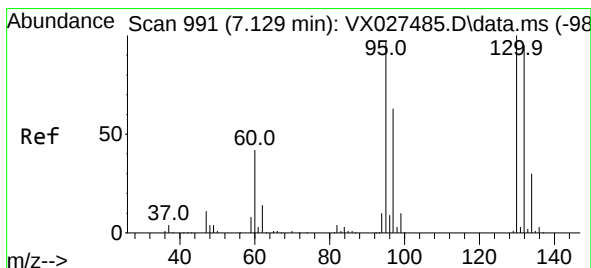
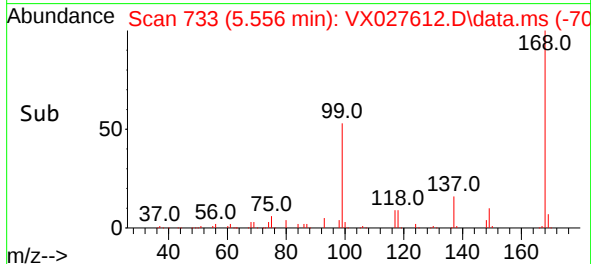
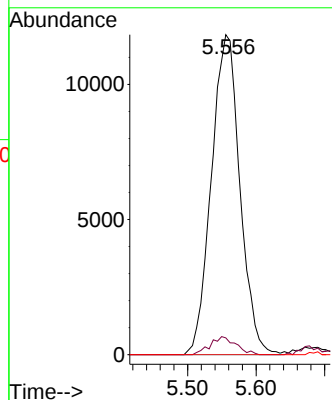


#38
Carbon Tetrachloride
Concen: 5.812 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX027612.D
Acq: 22 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
RE-105D2-20220316DL

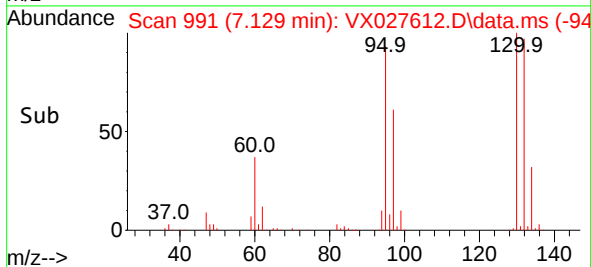
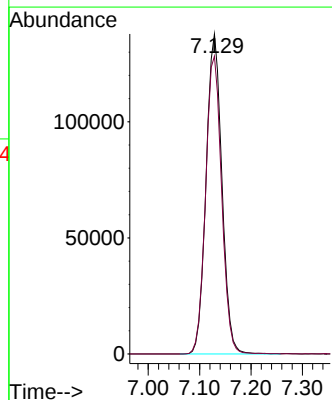
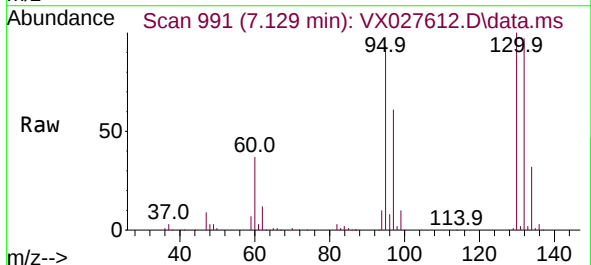


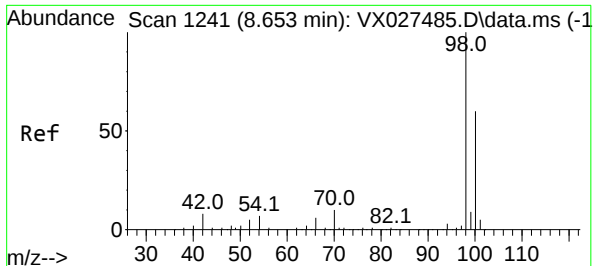
Tgt Ion:117 Resp: 34207
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: 65.638 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX027612.D
Acq: 22 Mar 2022 14:19

Tgt Ion:130 Resp: 294106
Ion Ratio Lower Upper
130 100
95 93.1 0.0 188.8





#50

Toluene-d8

Concen: 47.733 ug/l

RT: 8.653 min Scan# 1177

Delta R.T. 0.000 min

Lab File: VX027612.D

Acq: 22 Mar 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

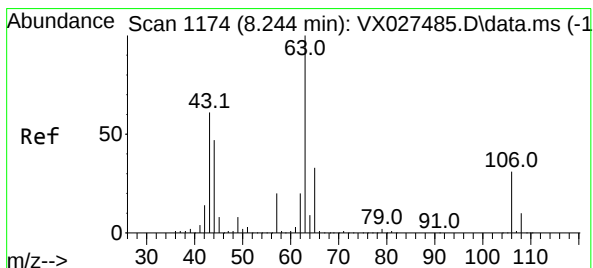
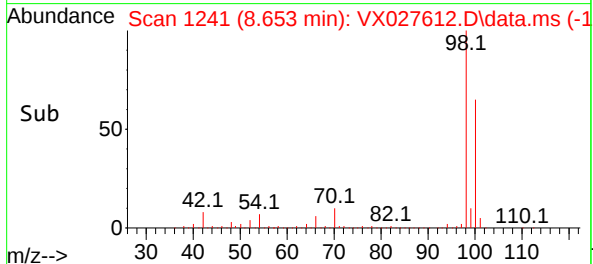
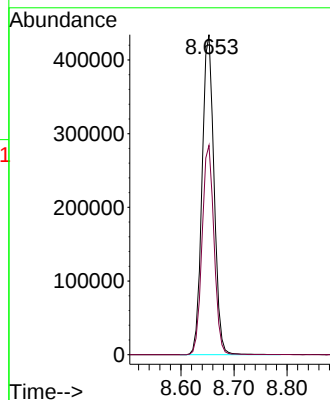
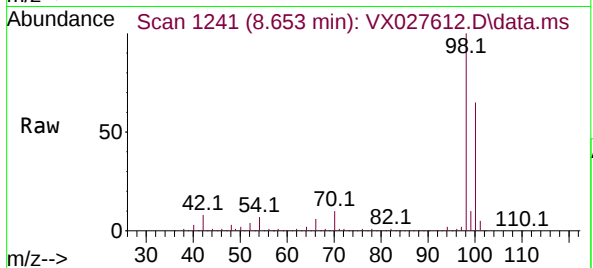
RE-105D2-20220316DL

Tgt Ion: 98 Resp: 680030

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8



#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 8.263 min Scan# 1177

Delta R.T. 0.019 min

Lab File: VX027612.D

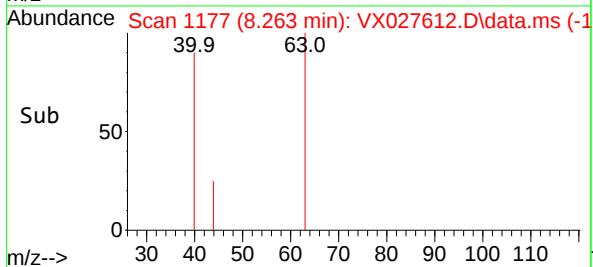
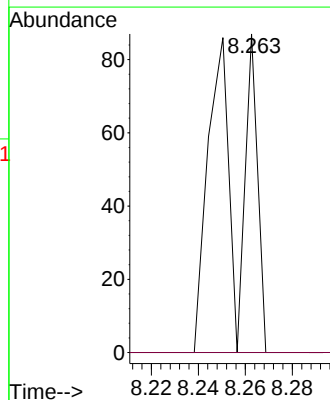
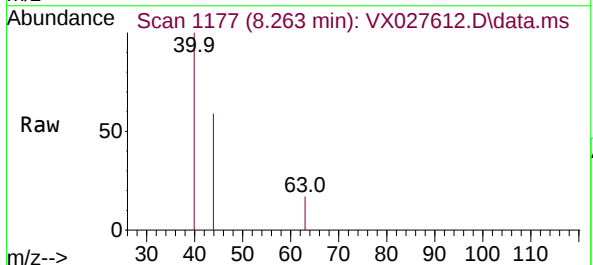
Acq: 22 Mar 2022 14:19

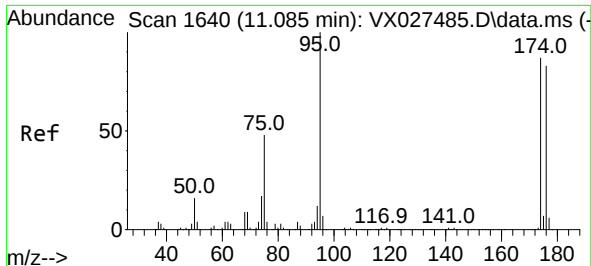
Tgt Ion: 63 Resp: 85

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#

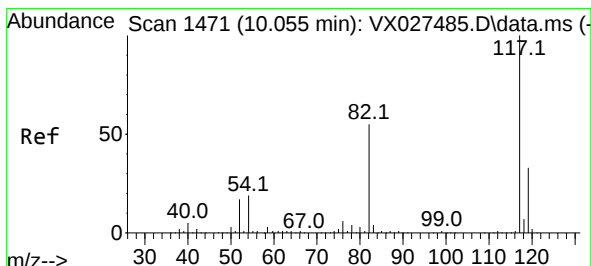
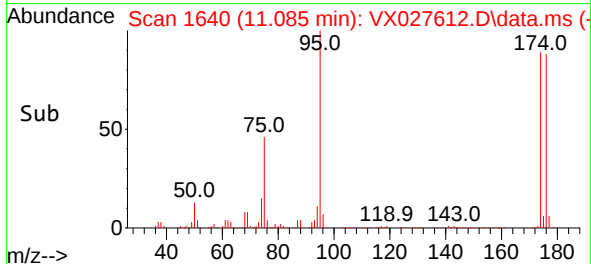
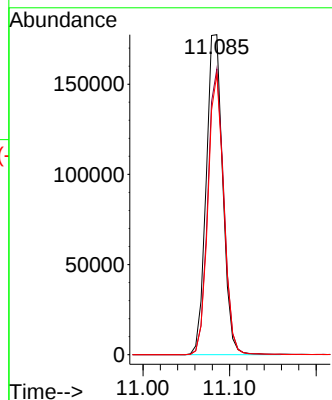
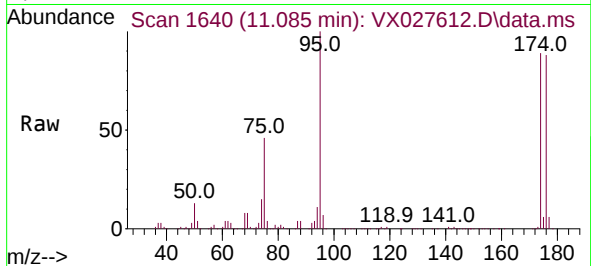




#62
4-Bromofluorobenzene
Concen: 45.044 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027612.D
Acq: 22 Mar 2022 14:19

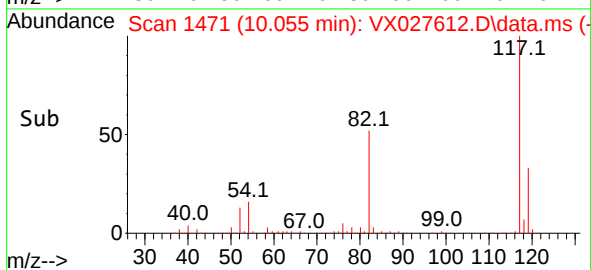
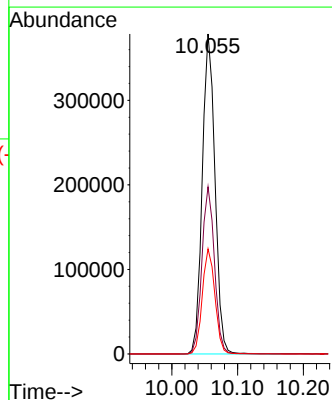
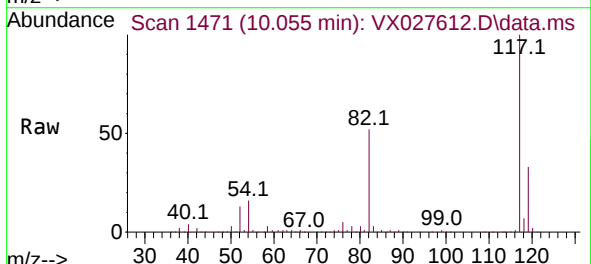
Instrument :
MSVOA_X
ClientSampleId :
RE-105D2-20220316DL

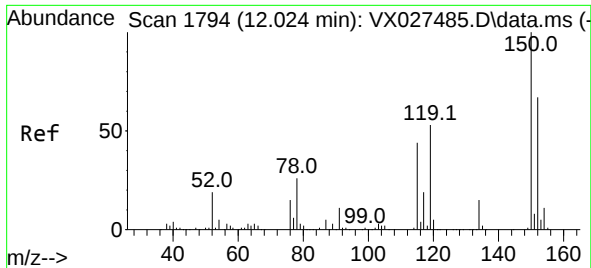
Tgt Ion: 95 Resp: 235866
Ion Ratio Lower Upper
95 100
174 86.3 0.0 163.0
176 83.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027612.D
Acq: 22 Mar 2022 14:19

Tgt Ion: 117 Resp: 509214
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 32.8 24.8 37.2

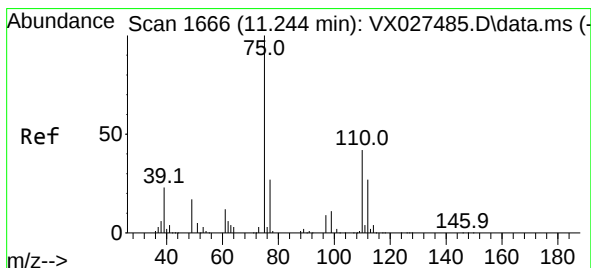
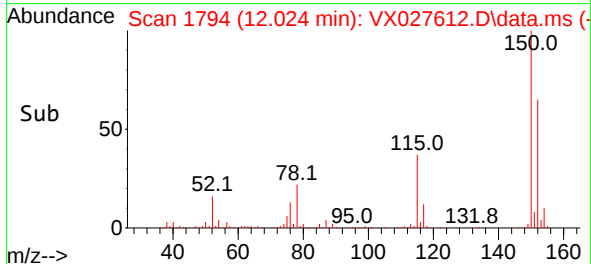
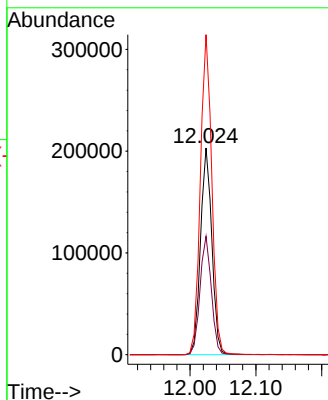
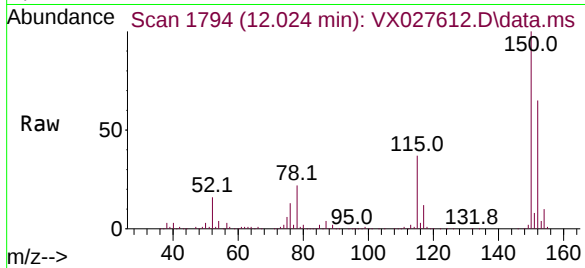




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027612.D
Acq: 22 Mar 2022 14:19

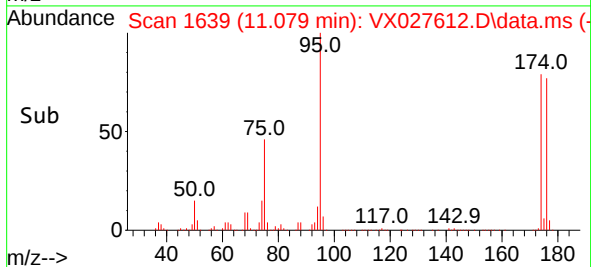
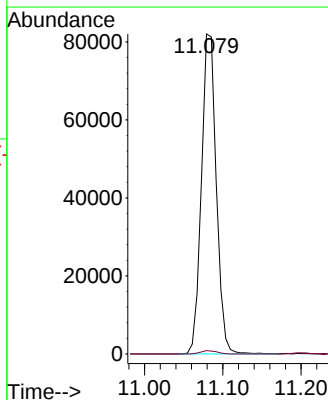
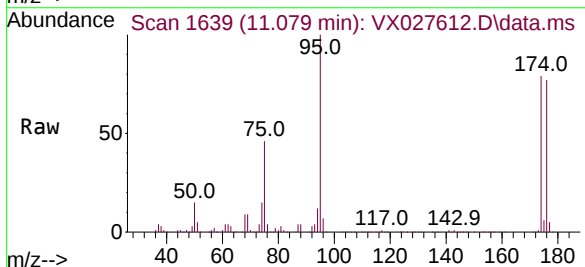
Instrument :
MSVOA_X
ClientSampleId :
RE-105D2-20220316DL

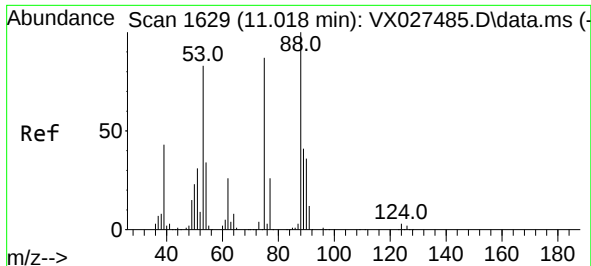
Tgt Ion:152 Resp: 243348
Ion Ratio Lower Upper
152 100
115 57.5 37.5 112.7
150 155.9 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 21.277 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027612.D
Acq: 22 Mar 2022 14:19

Tgt Ion: 75 Resp: 108298
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

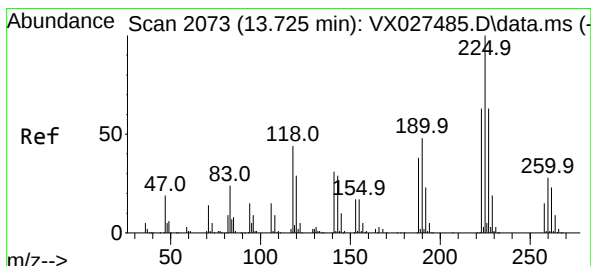
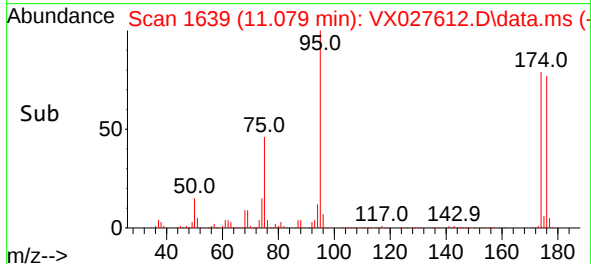
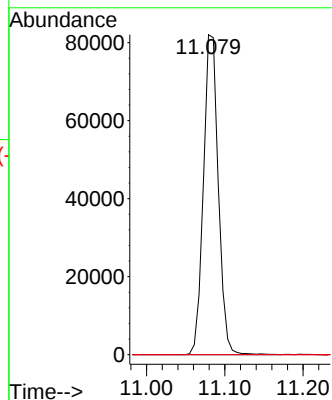
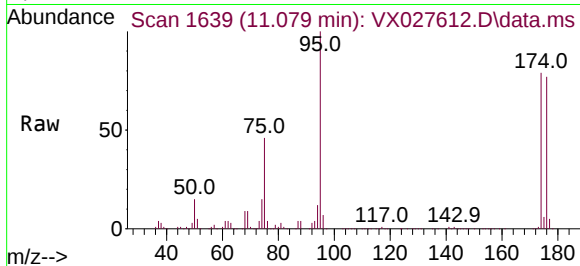




#81
trans-1,4-Dichloro-2-butene
Concen: 64.618 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027612.D
Acq: 22 Mar 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
RE-105D2-20220316DL

Tgt Ion: 75 Resp: 108298
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.215 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027612.D
Acq: 22 Mar 2022 14:19

Tgt Ion: 225 Resp: 493
Ion Ratio Lower Upper
225 100
223 58.2 34.2 102.5
227 57.6 33.9 101.7

