

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031922\
 Data File : VX027562.D
 Acq On : 19 Mar 2022 15:58
 Operator : JC/MD
 Sample : N2000-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-134D2-20220315

Quant Time: Mar 21 01:23:15 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)

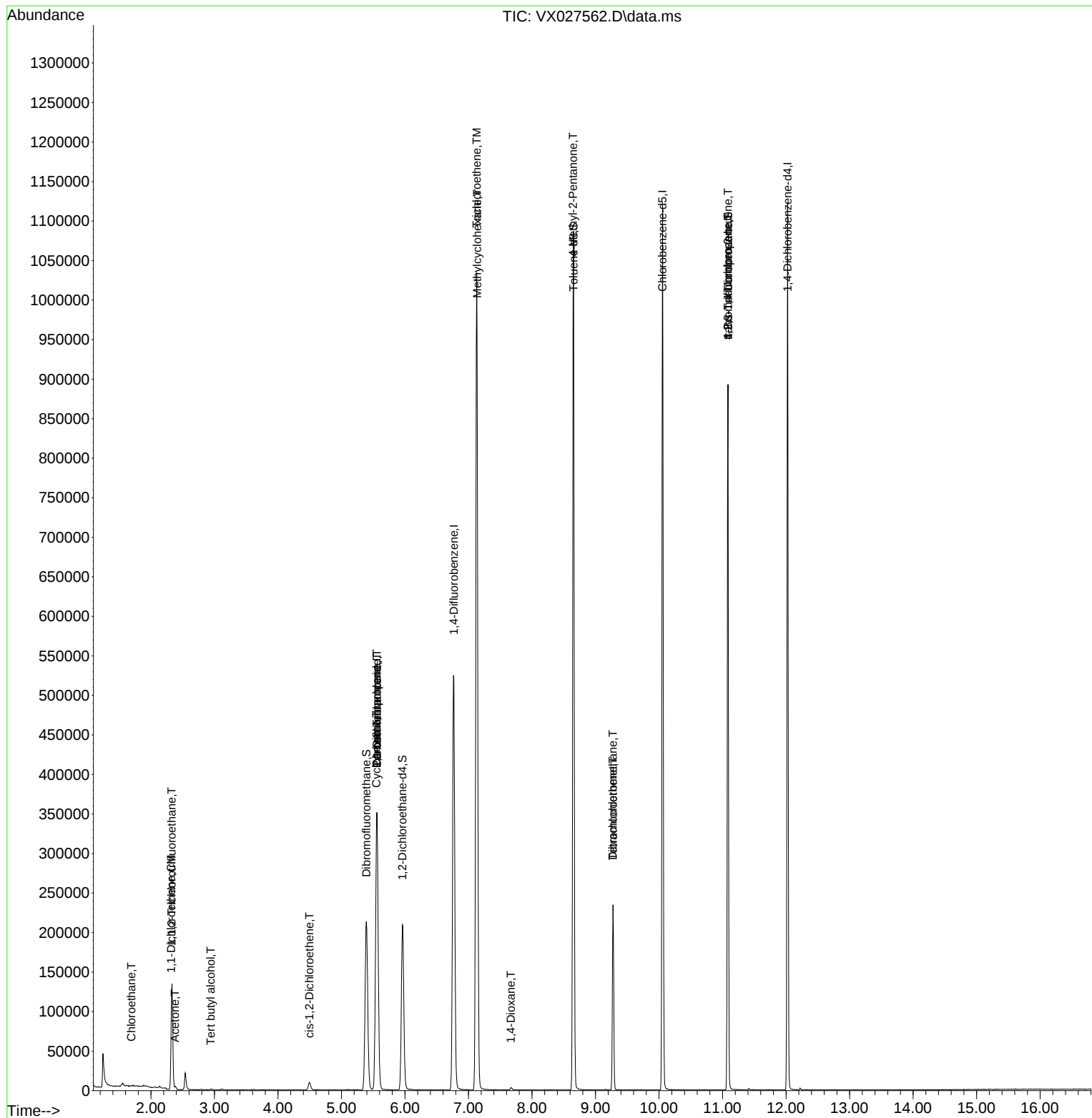
Internal Standards						
1) Pentafluorobenzene	5.556	168	358392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	571212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	523660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	206977	46.880	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.760%		
35) Dibromofluoromethane	5.391	113	191709	52.165	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.320%		
50) Toluene-d8	8.653	98	675292	48.558	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.120%		
62) 4-Bromofluorobenzene	11.085	95	236825	46.331	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.660%		
Target Compounds						
5) Bromomethane	1.611	94	610	Below Cal		93
6) Chloroethane	1.691	64	956	0.442 ug/l #		43
9) 1,1,2-Trichlorotrifluo...	2.325	101	52684	15.189 ug/l		95
11) Tert butyl alcohol	2.940	59	680	0.808 ug/l #		72
12) 1,1-Dichloroethene	2.319	96	1403	0.422 ug/l		96
16) Acetone	2.380	43	3038	1.688 ug/l		98
27) cis-1,2-Dichloroethene	4.495	96	6631	1.611 ug/l		87
31) Cyclohexane	5.550	56	5547	1.012 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	23565	4.692 ug/l #		49
38) Carbon Tetrachloride	5.556	117	34345	5.978 ug/l #		17
39) Methylcyclohexane	7.135	83	4278	0.677 ug/l #		1
44) Trichloroethene	7.129	130	423137	96.742 ug/l		98
49) 1,4-Dioxane	7.665	88	2529	24.703 ug/l		96
51) 4-Methyl-2-Pentanone	8.647	43	2360	0.459 ug/l #		1
60) Dibromochloromethane	9.275	129	44570	10.299 ug/l #		9
64) Tetrachloroethene	9.275	164	45973	11.291 ug/l		95
76) 1,2,3-Trichloropropane	11.085	75	114410	23.215 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.085	75	114410	70.504 ug/l #		15

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

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RE-134D2-20220315

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
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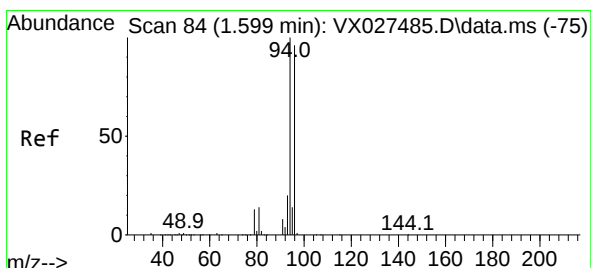
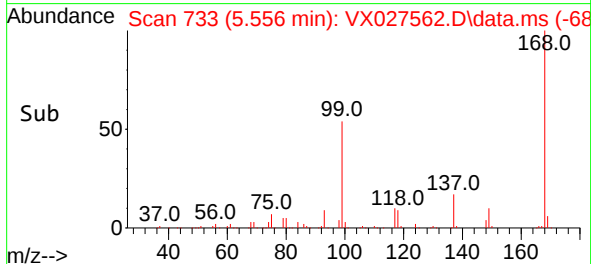
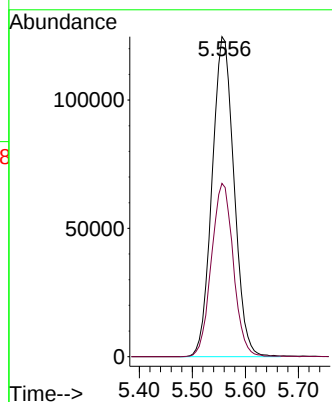
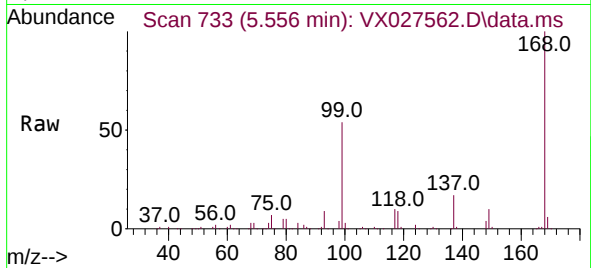




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

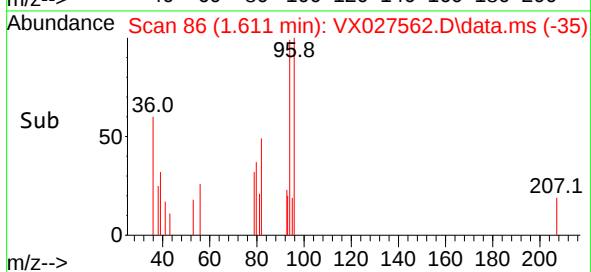
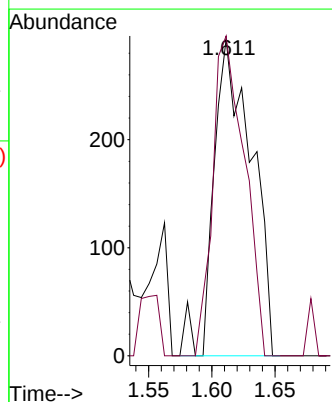
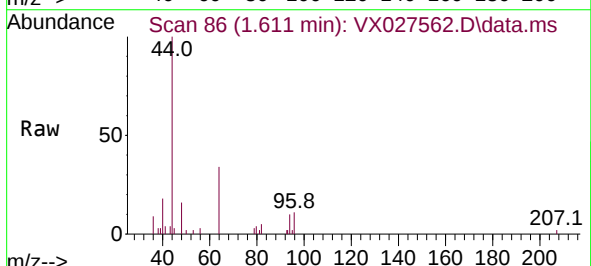
Instrument :
MSVOA_X
ClientSampleId :
RE-134D2-20220315

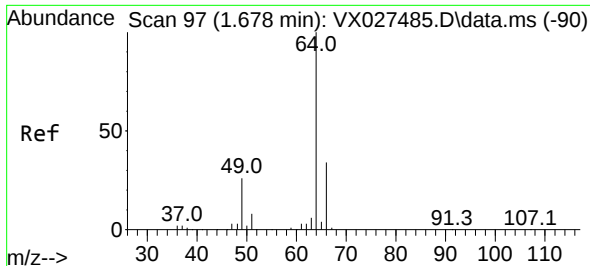
Tgt Ion:168 Resp: 358392
Ion Ratio Lower Upper
168 100
99 54.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

Tgt Ion: 94 Resp: 610
Ion Ratio Lower Upper
94 100
96 101.0 75.3 112.9

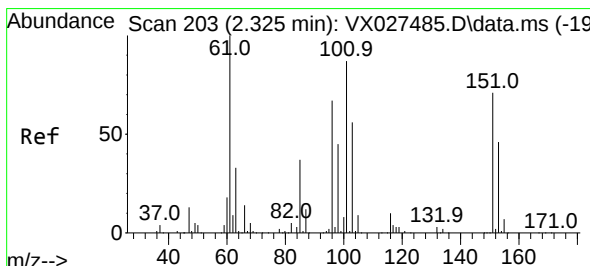
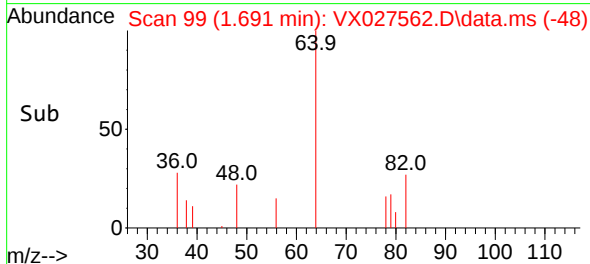
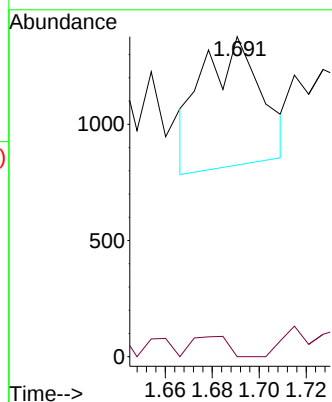
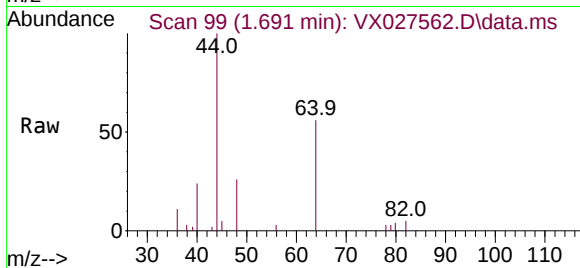




#6
Chloroethane
Concen: 0.442 ug/l
RT: 1.691 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

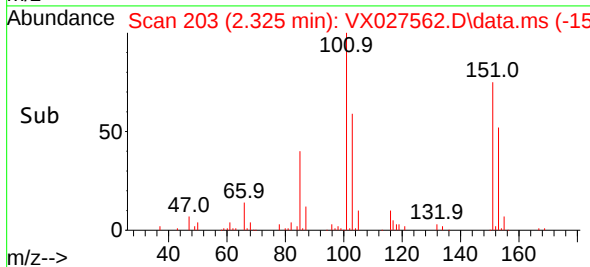
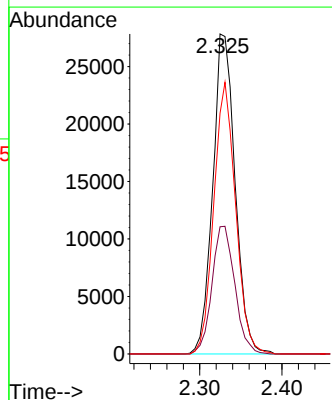
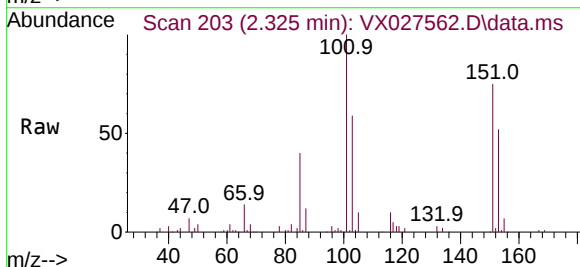
Instrument :
MSVOA_X
ClientSampleId :
RE-134D2-20220315

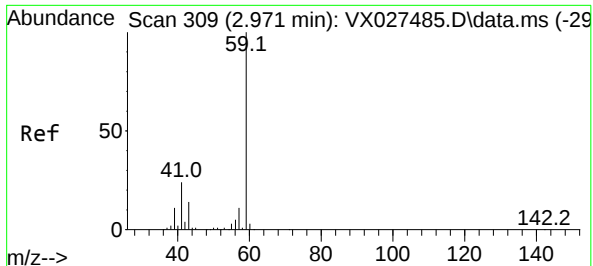
Tgt Ion: 64 Resp: 956
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 15.189 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

Tgt Ion: 101 Resp: 52684
Ion Ratio Lower Upper
101 100
85 40.6 33.5 50.3
151 82.8 61.8 92.6





#11

Tert butyl alcohol

Concen: 0.808 ug/l

RT: 2.940 min Scan# 309

Delta R.T. -0.030 min

Lab File: VX027562.D

Acq: 19 Mar 2022 15:58

Instrument :

MSVOA_X

ClientSampleId :

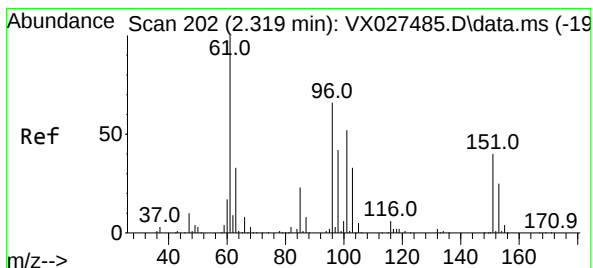
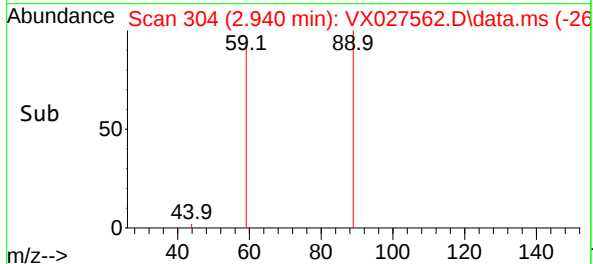
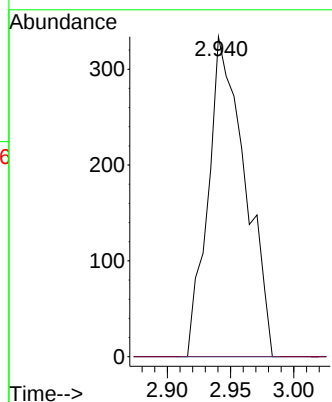
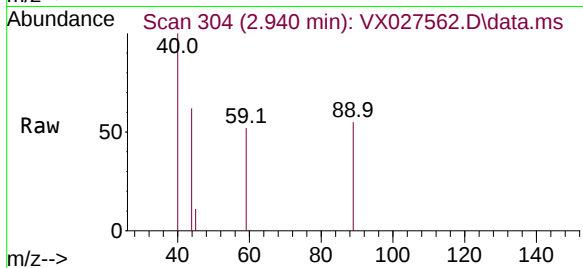
RE-134D2-20220315

Tgt Ion: 59 Resp: 680

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 0.422 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX027562.D

Acq: 19 Mar 2022 15:58

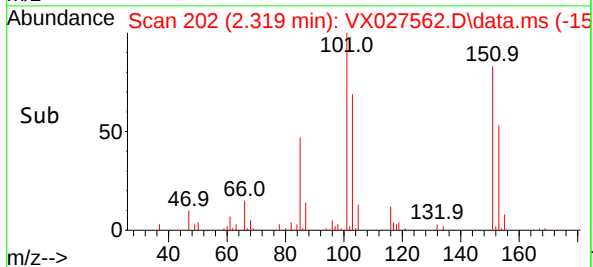
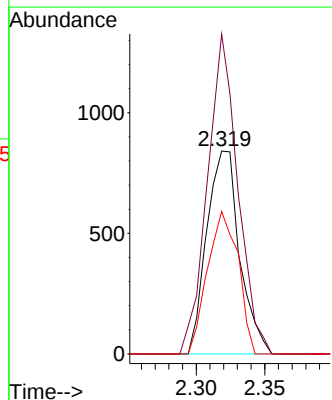
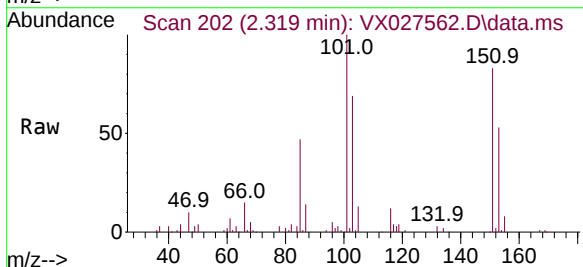
Tgt Ion: 96 Resp: 1403

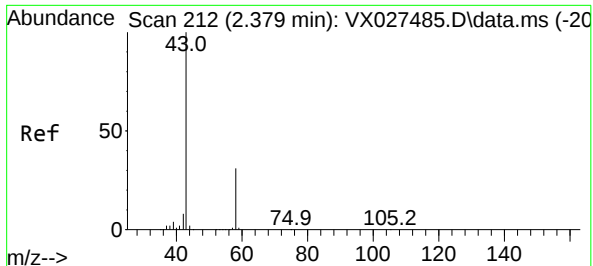
Ion Ratio Lower Upper

96 100

61 157.8 124.6 187.0

98 70.3 51.0 76.4

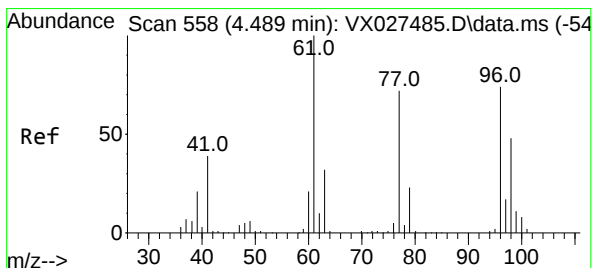
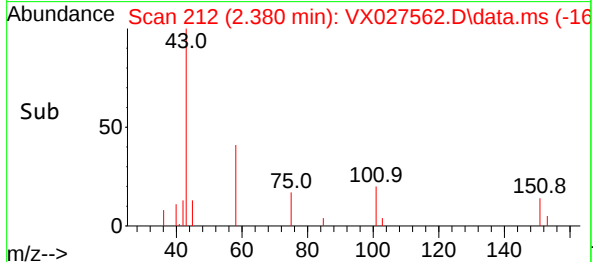
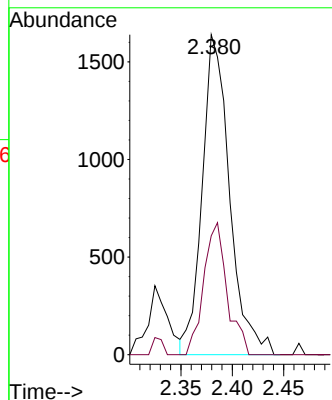
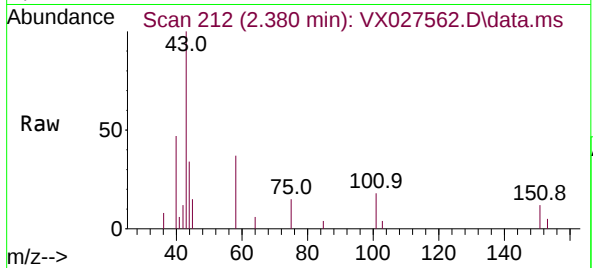




#16
Acetone
Concen: 1.688 ug/l
RT: 2.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

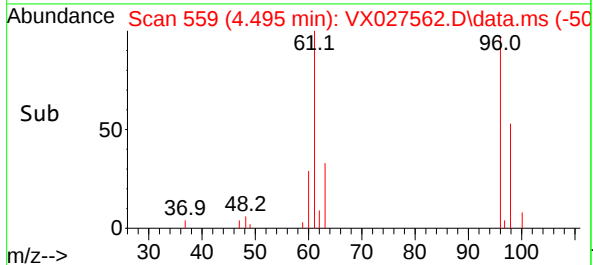
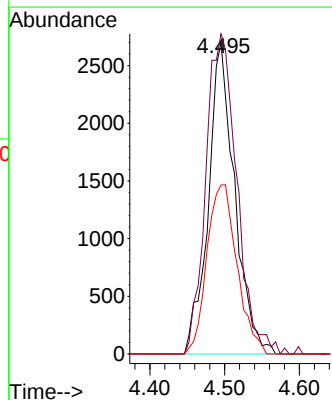
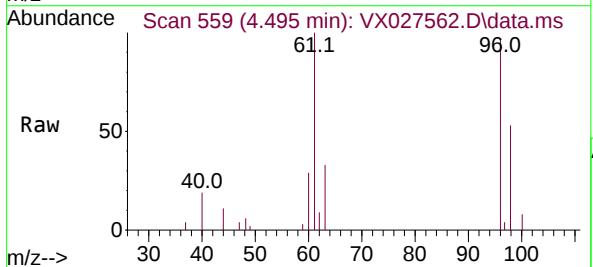
Instrument :
MSVOA_X
ClientSampleId :
RE-134D2-20220315

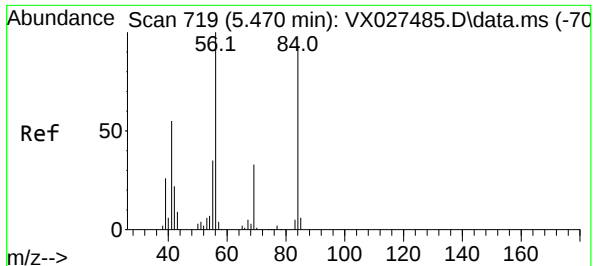
Tgt Ion: 43 Resp: 3038
Ion Ratio Lower Upper
43 100
58 37.2 28.8 43.2



#27
cis-1,2-Dichloroethene
Concen: 1.611 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

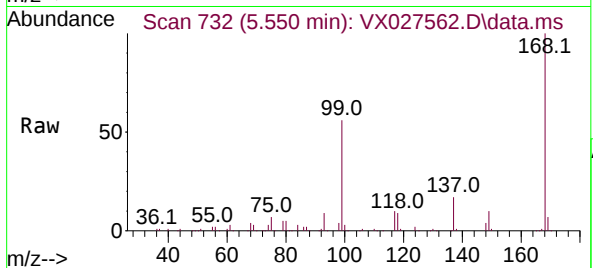
Tgt Ion: 96 Resp: 6631
Ion Ratio Lower Upper
96 100
61 120.9 0.0 283.8
98 62.0 0.0 129.8





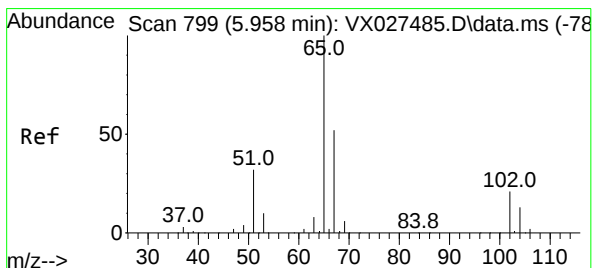
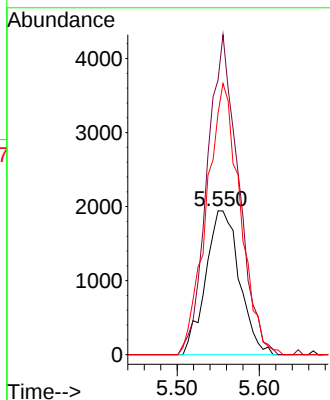
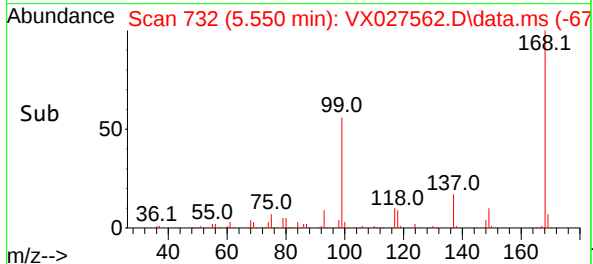
#31
Cyclohexane
Concen: 1.012 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

Instrument :
MSVOA_X
ClientSampleId :
RE-134D2-20220315

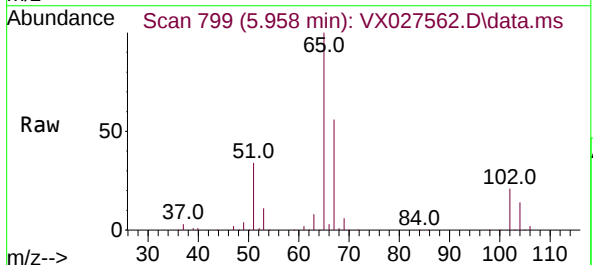


Tgt Ion: 56 Resp: 5547

Ion	Ratio	Lower	Upper
56	100		
69	190.8	26.7	40.1#
84	167.8	77.2	115.8#

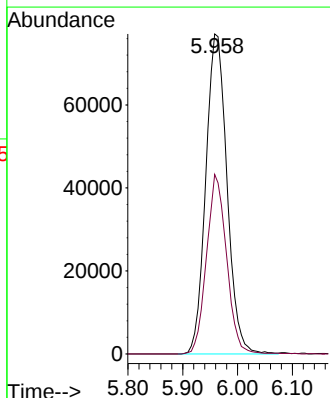
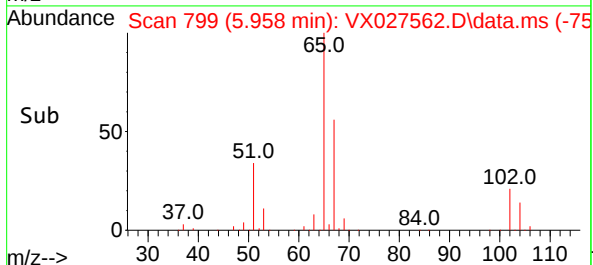


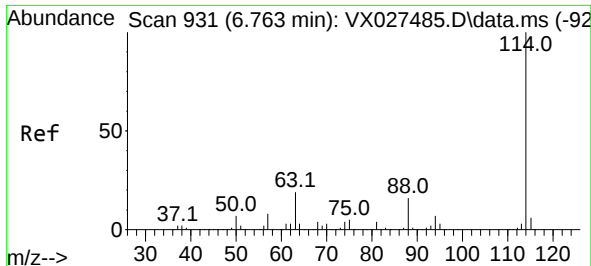
#33
1,2-Dichloroethane-d4
Concen: 46.880 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58



Tgt Ion: 65 Resp: 206977

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.4

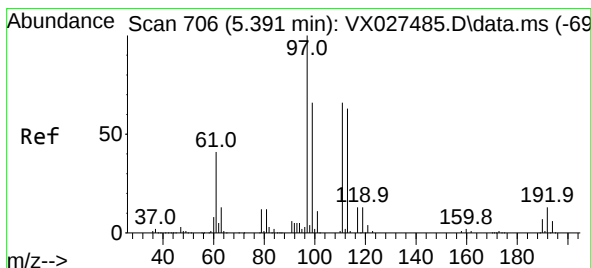
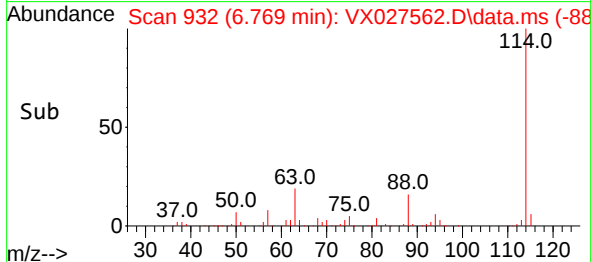
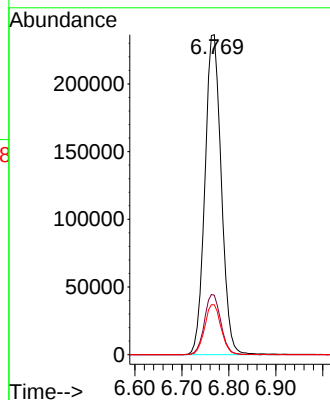
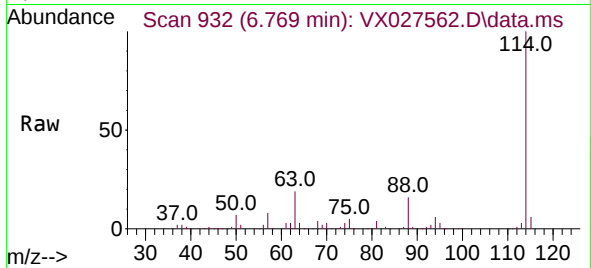




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

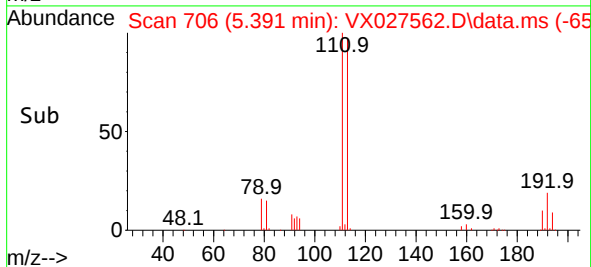
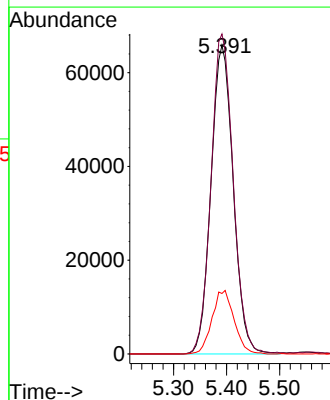
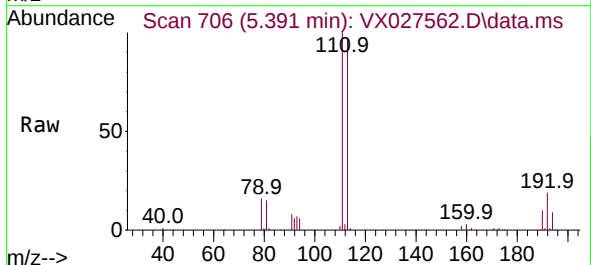
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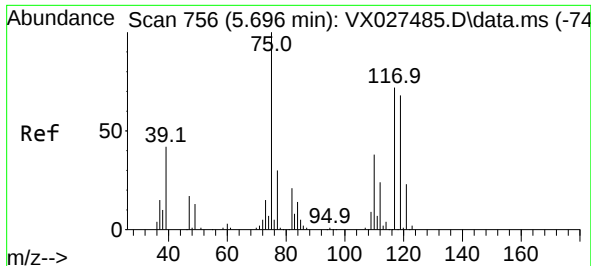
Tgt Ion:114 Resp: 571212
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 15.6 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.165 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

Tgt Ion:113 Resp: 191709
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 20.5 16.9 25.3

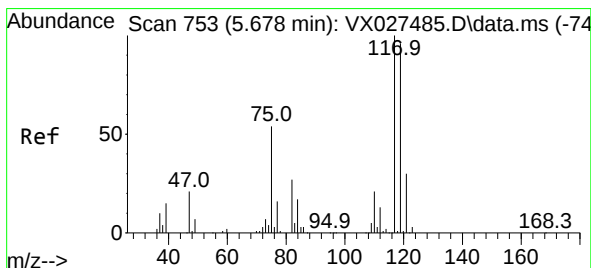
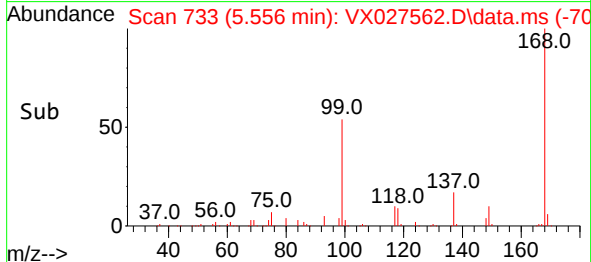
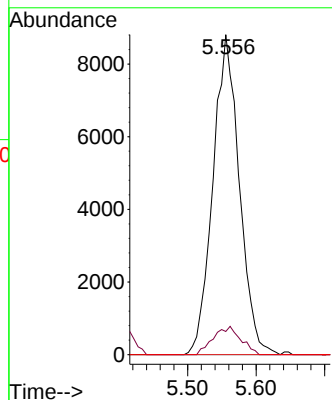
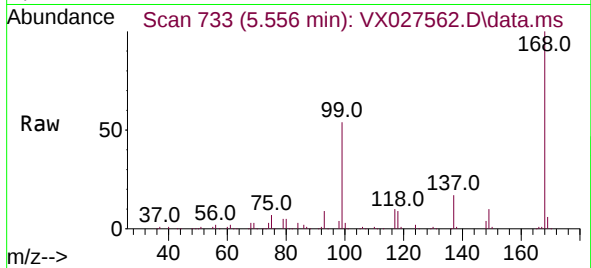




#36
1,1-Dichloropropene
Concen: 4.692 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

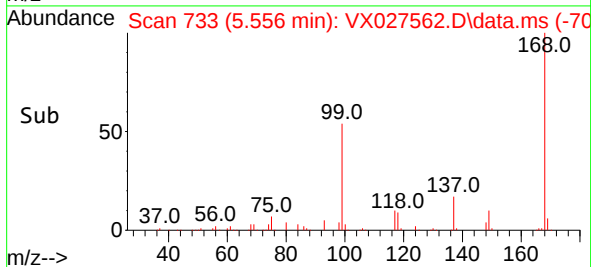
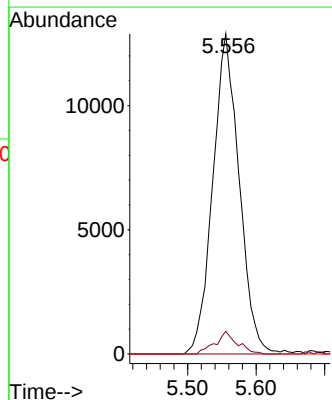
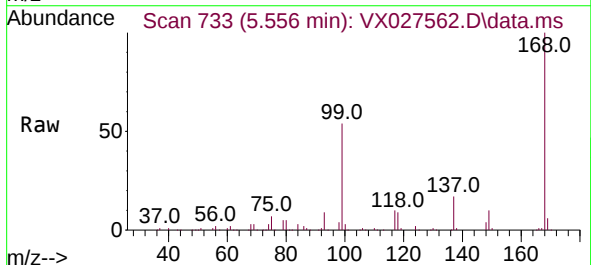
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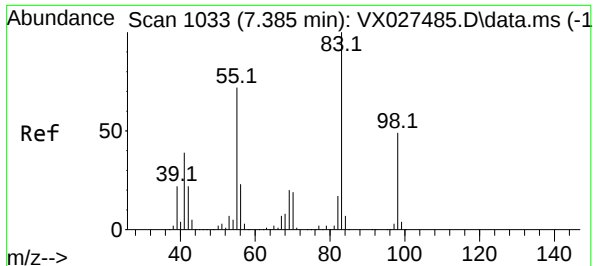
Tgt Ion: 75 Resp: 23565
Ion Ratio Lower Upper
75 100
110 9.2 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.978 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

Tgt Ion: 117 Resp: 34345
Ion Ratio Lower Upper
117 100
119 7.1 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.677 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.250 min

Lab File: VX027562.D

Acq: 19 Mar 2022 15:58

Instrument :

MSVOA_X

ClientSampleId :

RE-134D2-20220315

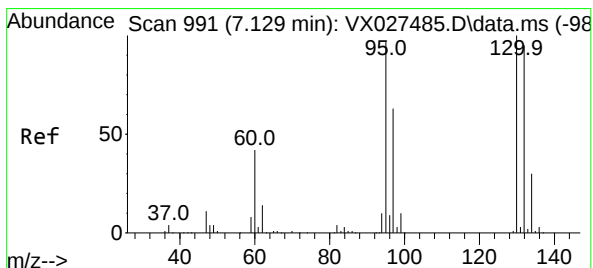
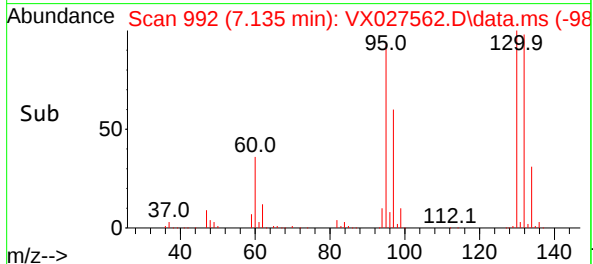
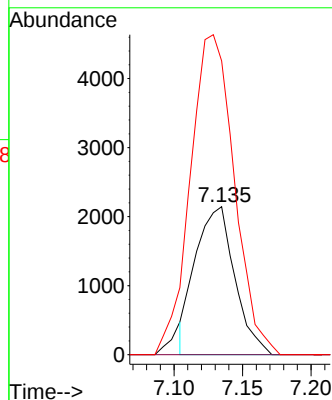
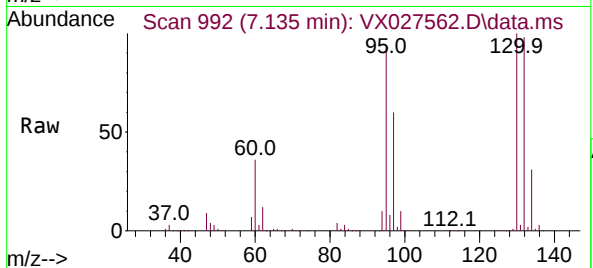
Tgt Ion: 83 Resp: 4278

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 198.5 37.4 56.2#



#44

Trichloroethene

Concen: 96.742 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.000 min

Lab File: VX027562.D

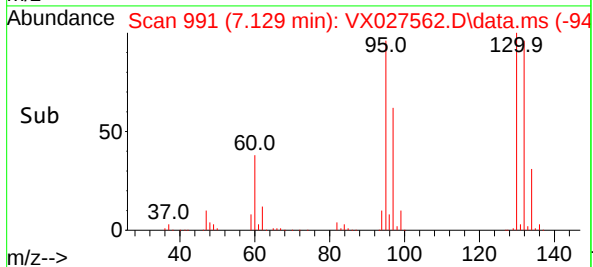
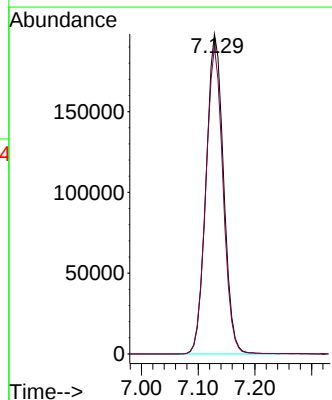
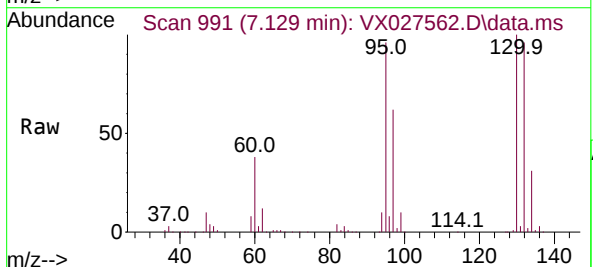
Acq: 19 Mar 2022 15:58

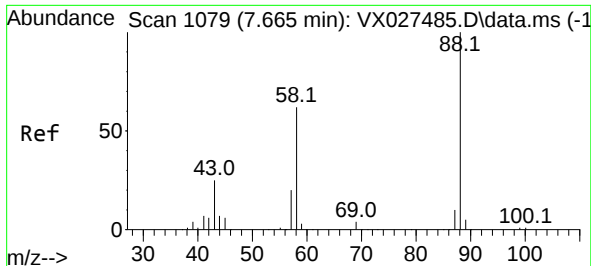
Tgt Ion:130 Resp: 423137

Ion Ratio Lower Upper

130 100

95 95.9 0.0 188.8





#49

1,4-Dioxane

Concen: 24.703 ug/l

RT: 7.665 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VX027562.D

Acq: 19 Mar 2022 15:58

Instrument :

MSVOA_X

ClientSampleId :

RE-134D2-20220315

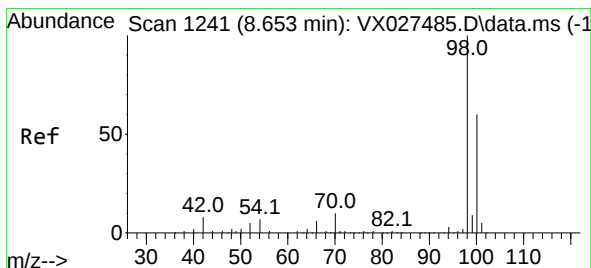
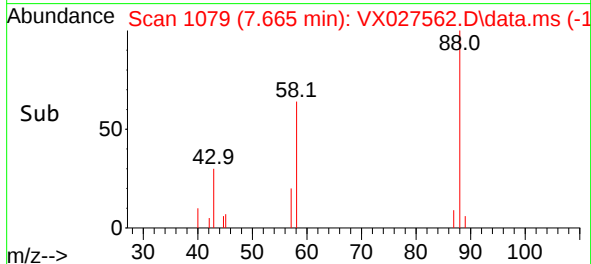
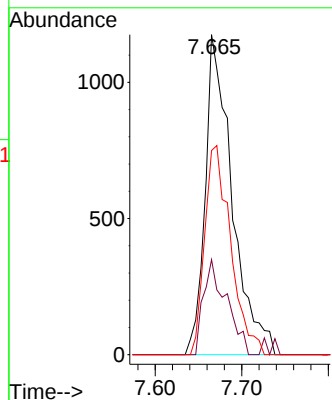
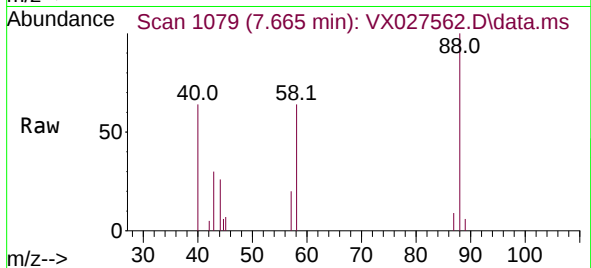
Tgt Ion: 88 Resp: 2529

Ion Ratio Lower Upper

88 100

43 25.6 21.9 32.9

58 63.3 53.7 80.5



#50

Toluene-d8

Concen: 48.558 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027562.D

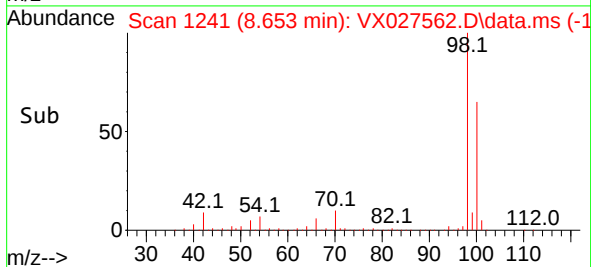
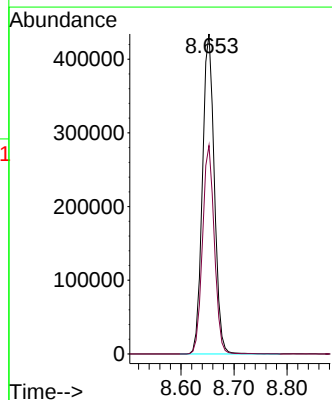
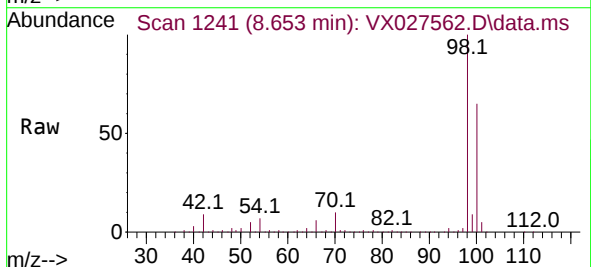
Acq: 19 Mar 2022 15:58

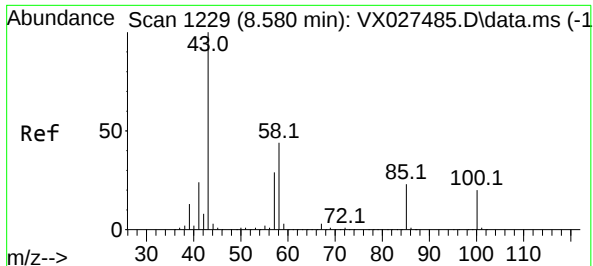
Tgt Ion: 98 Resp: 675292

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

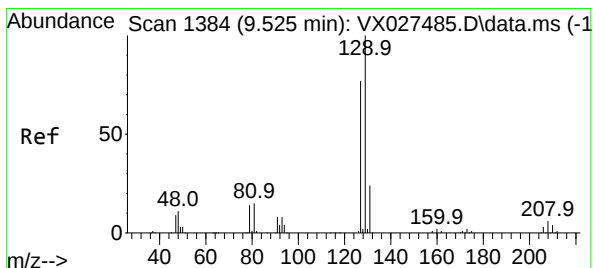
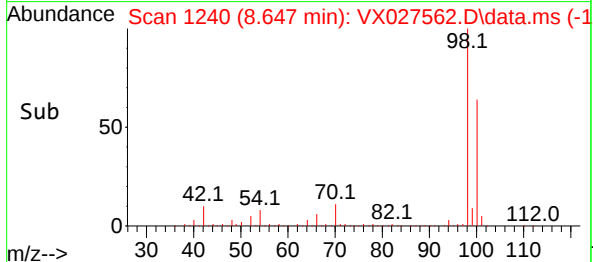
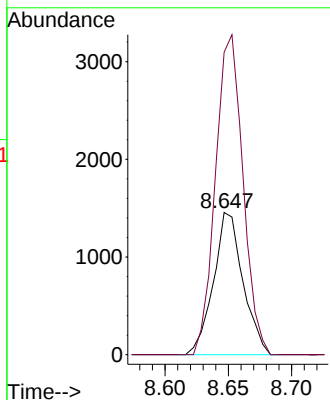
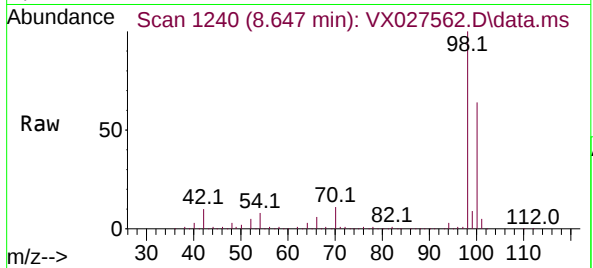




#51
4-Methyl-2-Pentanone
Concen: 0.459 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

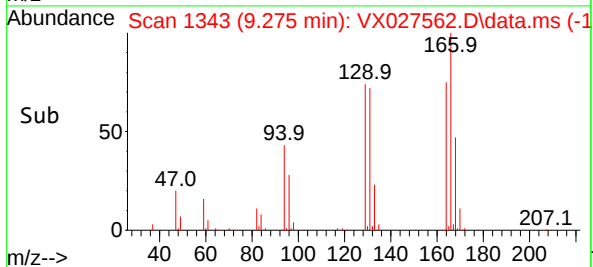
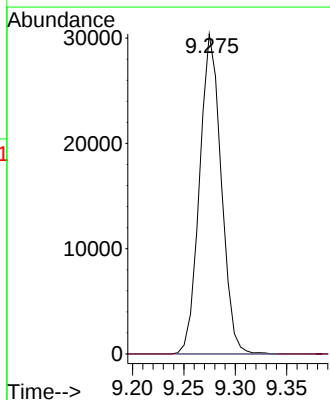
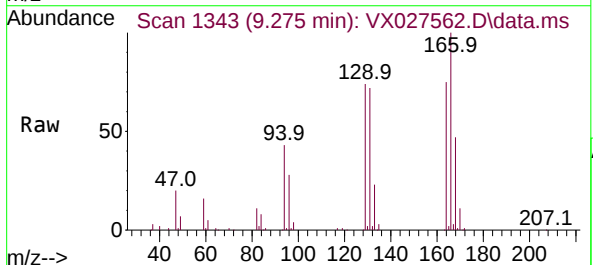
Instrument :
MSVOA_X
ClientSampleId :
RE-134D2-20220315

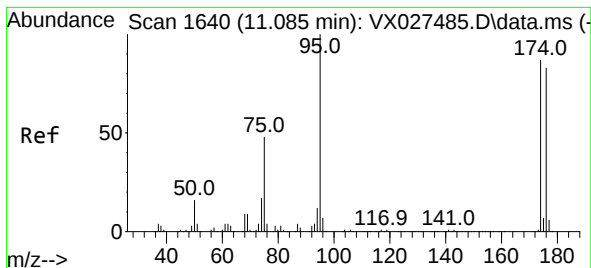
Tgt Ion: 43 Resp: 2360
Ion Ratio Lower Upper
43 100
58 210.0 36.1 54.1#



#60
Dibromochloromethane
Concen: 10.299 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

Tgt Ion: 129 Resp: 44570
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

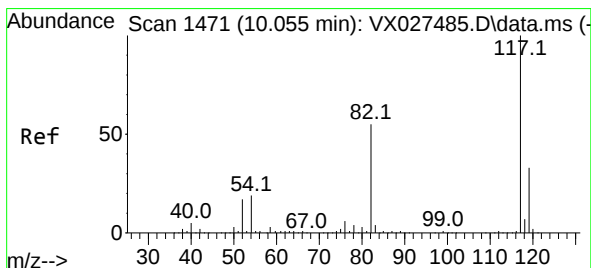
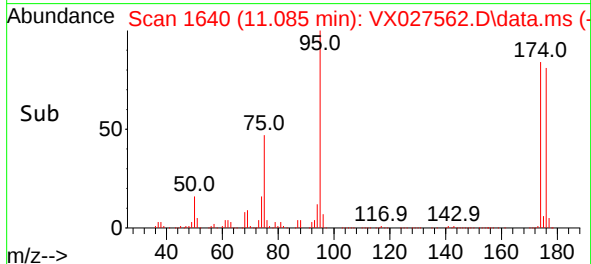
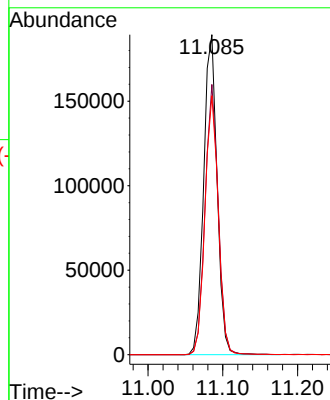
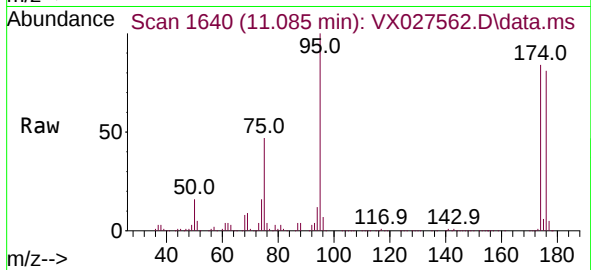




#62
4-Bromofluorobenzene
Concen: 46.331 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

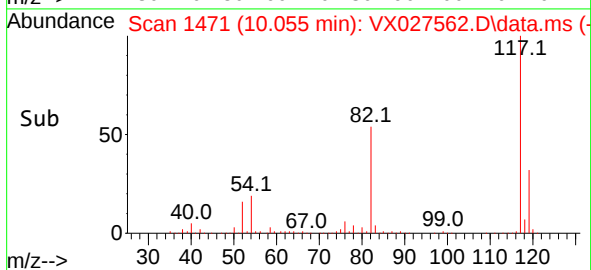
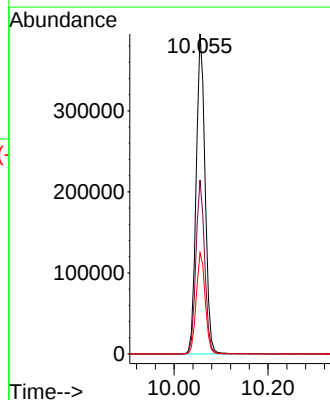
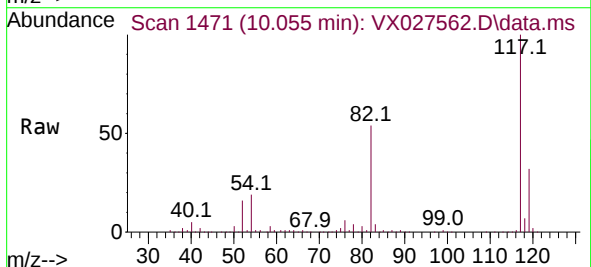
Instrument :
MSVOA_X
ClientSampleId :
RE-134D2-20220315

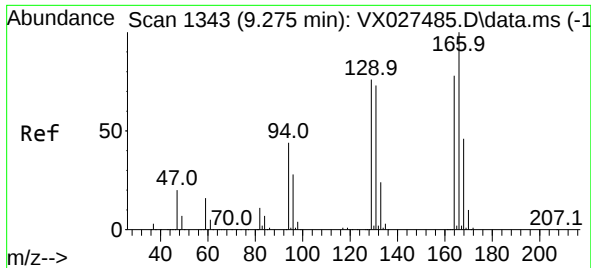
Tgt Ion: 95 Resp: 236825
Ion Ratio Lower Upper
95 100
174 82.9 0.0 163.0
176 80.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

Tgt Ion: 117 Resp: 523660
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.8
119 31.6 24.8 37.2

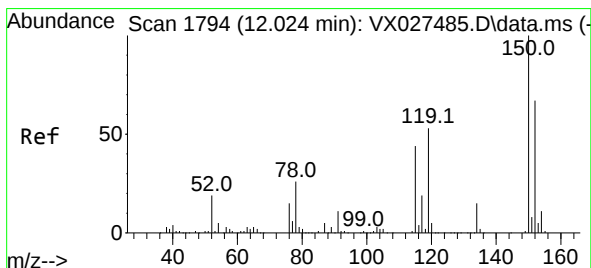
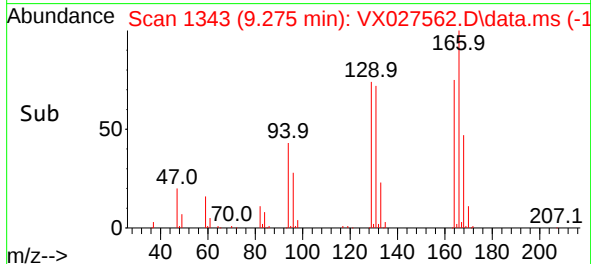
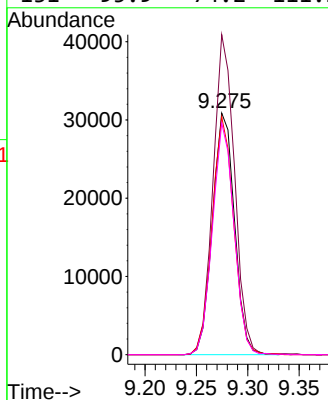
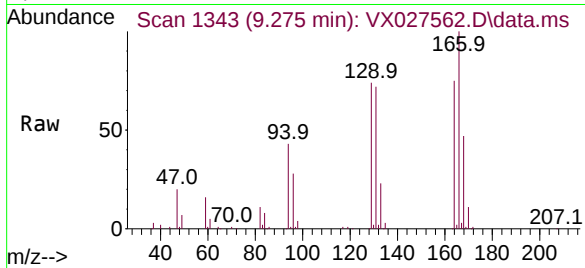




#64
Tetrachloroethene
Concen: 11.291 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

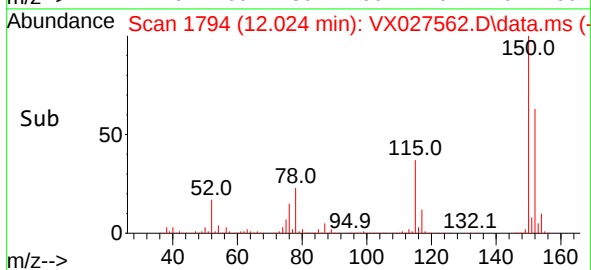
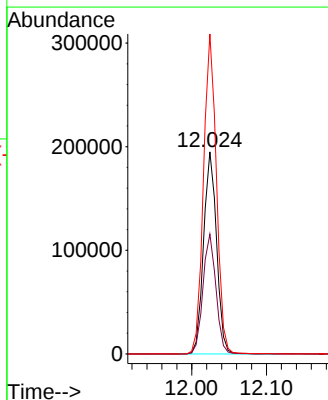
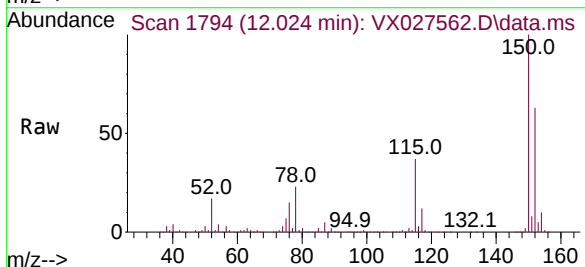
Instrument :
MSVOA_X
ClientSampleId :
RE-134D2-20220315

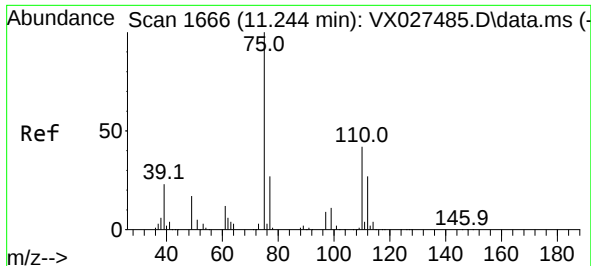
Tgt Ion:164	Resp:	45973
Ion Ratio	Lower	Upper
164	100	
166	132.5	101.2 151.8
129	98.4	73.0 109.4
131	95.9	74.2 111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

Tgt Ion:152	Resp:	235619
Ion Ratio	Lower	Upper
152	100	
115	59.1	37.5 112.7
150	157.4	0.0 338.2

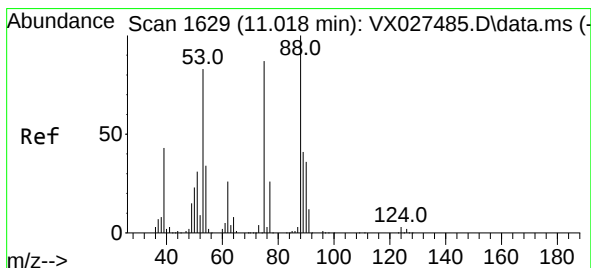
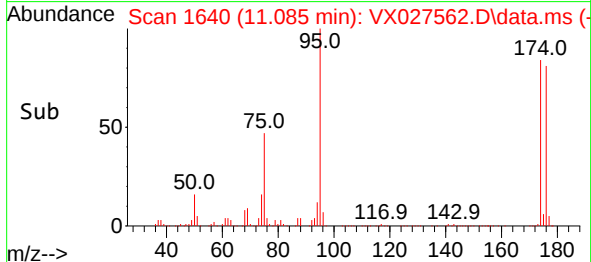
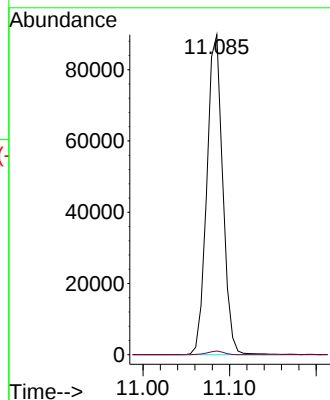
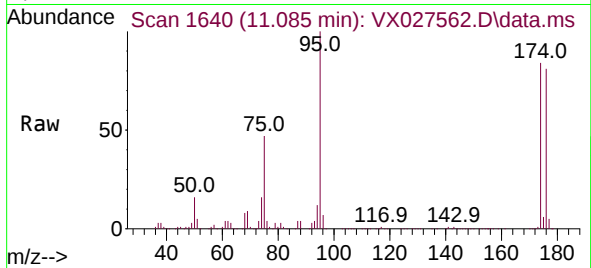




#76
1,2,3-Trichloropropane
Concen: 23.215 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

Instrument :
MSVOA_X
ClientSampleId :
RE-134D2-20220315

Tgt Ion: 75 Resp: 114410
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.504 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027562.D
Acq: 19 Mar 2022 15:58

Tgt Ion: 75 Resp: 114410
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

