

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024202.D
 Acq On : 14 Sep 2021 12:11
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Sep 15 01:54:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	138711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	228762	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	94667	47.861	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.720%		
35) Dibromofluoromethane	5.397	113	75465	49.189	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.380%		
50) Toluene-d8	8.653	98	280133	50.123	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.240%		
62) 4-Bromofluorobenzene	11.085	95	98225	45.160	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.320%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	832	0.624	ug/l	91
3) Chloromethane	1.294	50	787	0.565	ug/l	94
4) Vinyl Chloride	1.374	62	592	0.427	ug/l #	62
5) Bromomethane	1.624	94	1952	2.366	ug/l	87
6) Chloroethane	1.691	64	646	2.549	ug/l #	75
7) Trichlorofluoromethane	1.898	101	1001	0.431	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	905	0.663	ug/l	91
10) Methyl Iodide	2.459	142	2740	1.450	ug/l #	87
11) Tert butyl alcohol	2.959	59	4274	Below Cal	#	73
12) 1,1-Dichloroethene	2.331	96	708	0.554	ug/l #	71
13) Acrolein	2.239	56	276	2.117	ug/l	94
14) Allyl chloride	2.660	41	908	0.391	ug/l #	69
15) Acrylonitrile	3.075	53	1479	1.828	ug/l	95
16) Acetone	2.392	43	1390	1.648	ug/l #	74
17) Carbon Disulfide	2.514	76	7960	2.484	ug/l #	94
18) Methyl Acetate	2.715	43	689	0.261	ug/l #	47
20) Methylene Chloride	2.794	84	1731	1.069	ug/l #	93
21) trans-1,2-Dichloroethene	3.099	96	1580	1.128	ug/l #	81
23) Vinyl Acetate	3.739	43	2153	0.581	ug/l	98
25) 2-Butanone	4.587	43	1315	1.059	ug/l	98
27) cis-1,2-Dichloroethene	4.507	96	773	0.478	ug/l	90
28) Bromochloromethane	4.922	49	379	0.347	ug/l #	96
29) Tetrahydrofuran	5.032	42	582	0.749	ug/l #	35
30) Chloroform	5.117	83	584	0.205	ug/l #	79
31) Cyclohexane	5.477	56	1125	0.486	ug/l #	88
36) 1,1-Dichloropropene	5.690	75	702	0.334	ug/l #	39
38) Carbon Tetrachloride	5.562	117	14030	5.927	ug/l #	16
39) Methylcyclohexane	7.385	83	1432	0.570	ug/l #	84
40) Benzene	6.044	78	1408	0.233	ug/l	99
44) Trichloroethene	7.129	130	1020	0.602	ug/l	87
46) Dibromomethane	7.592	93	456	0.391	ug/l	85
51) 4-Methyl-2-Pentanone	8.580	43	948	0.381	ug/l	91
52) Toluene	8.720	92	1158	0.293	ug/l	86
53) t-1,3-Dichloropropene	8.982	75	890	0.362	ug/l #	72
54) cis-1,3-Dichloropropene	8.372	75	710	0.279	ug/l #	81
56) Ethyl methacrylate	9.122	69	165	1.419	ug/l #	1

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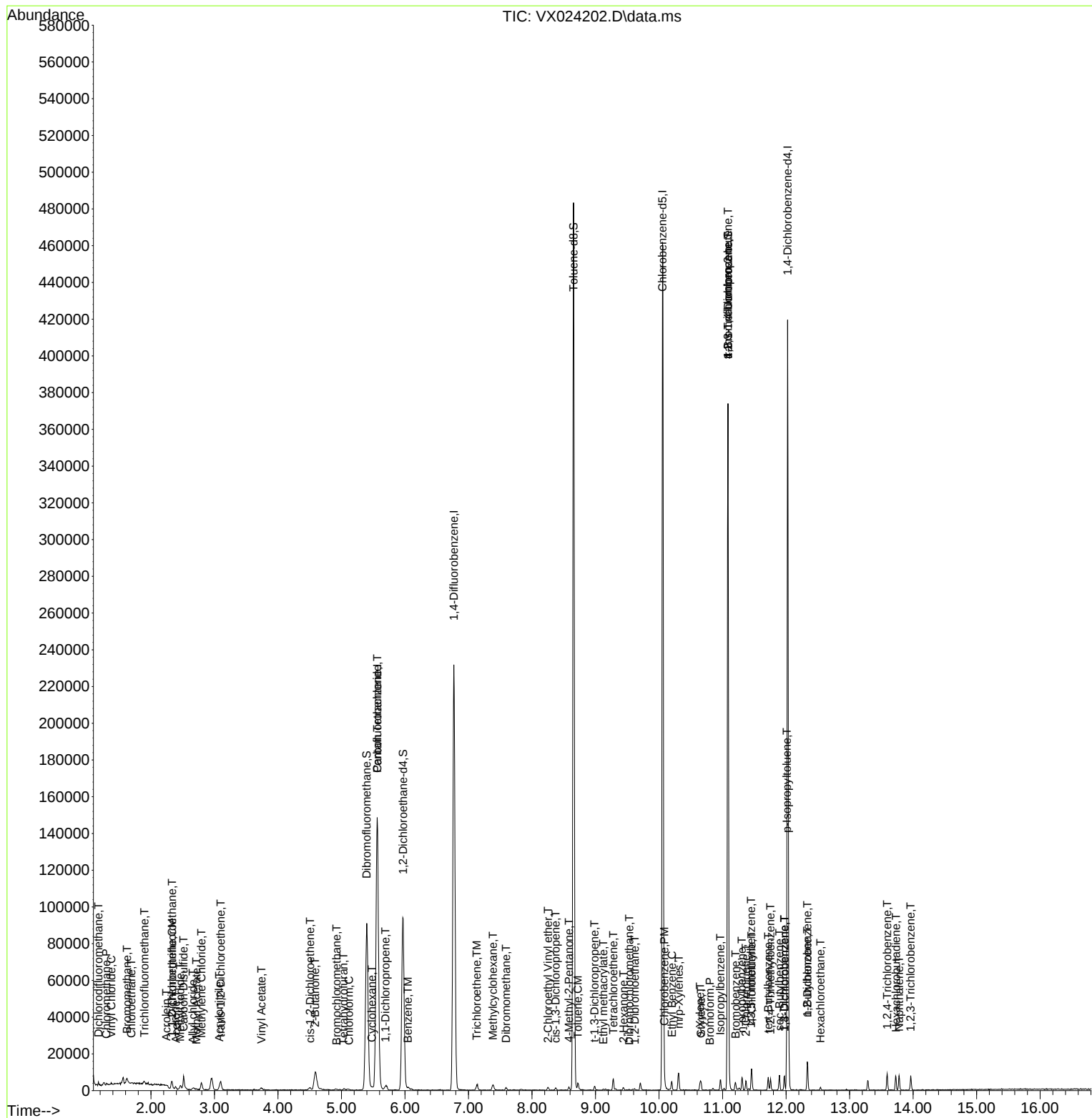
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	8.251	63	625	0.513	ug/l	98
59) 2-Hexanone	9.439	43	1003	0.518	ug/l	87
60) Dibromochloromethane	9.531	129	158	1.806	ug/l	97
61) 1,2-Dibromoethane	9.616	107	524	0.292	ug/l	87
64) Tetrachloroethene	9.281	164	922	0.577	ug/l	95
65) Chlorobenzene	10.086	112	1946	0.458	ug/l #	82
67) Ethyl Benzene	10.201	91	2805	0.378	ug/l	100
68) m/p-Xylenes	10.311	106	2531	0.890	ug/l	91
69) o-Xylene	10.646	106	730	0.257	ug/l	70
70) Styrene	10.659	104	1640	0.356	ug/l	97
71) Bromoform	10.799	173	138	1.227	ug/l #	29
73) Isopropylbenzene	10.963	105	2893	0.466	ug/l	90
76) 1,2,3-Trichloropropane	11.085	75	50650	26.407	ug/l #	39
77) Bromobenzene	11.207	156	856	0.548	ug/l	92
78) n-propylbenzene	11.305	91	4605	0.656	ug/l	99
79) 2-Chlorotoluene	11.366	91	2531	0.581	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	2655	0.507	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.085	75	50650	77.663	ug/l #	12
82) 4-Chlorotoluene	11.457	91	3527	0.711	ug/l	99
83) tert-Butylbenzene	11.719	119	2592	0.513	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	2746	0.533	ug/l	91
85) sec-Butylbenzene	11.896	105	4078	0.644	ug/l	99
86) p-Isopropyltoluene	12.012	119	3700	0.696	ug/l	91
87) 1,3-Dichlorobenzene	11.975	146	2477	0.886	ug/l	93
88) 1,4-Dichlorobenzene	11.975	146	2477	0.868	ug/l	92
89) n-Butylbenzene	12.335	91	4568	0.993	ug/l	93
90) Hexachloroethane	12.542	117	210	0.245	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	1819	0.663	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	2089	1.292	ug/l	88
94) Hexachlorobutadiene	13.731	225	1169	1.448	ug/l	96
95) Naphthalene	13.780	128	5049	2.112	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1871	1.148	ug/l	98

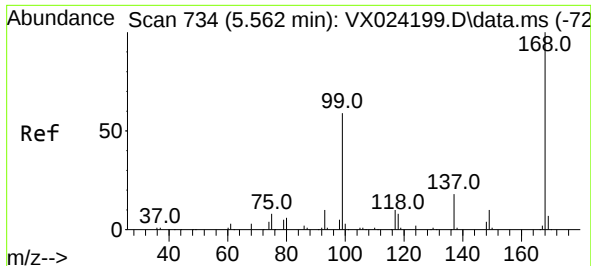
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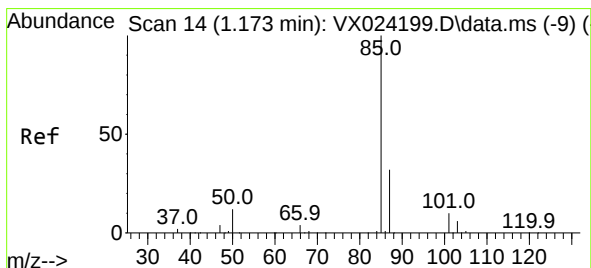
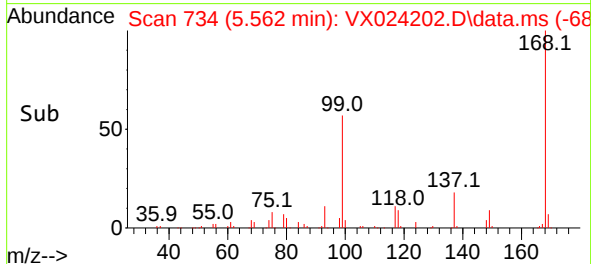
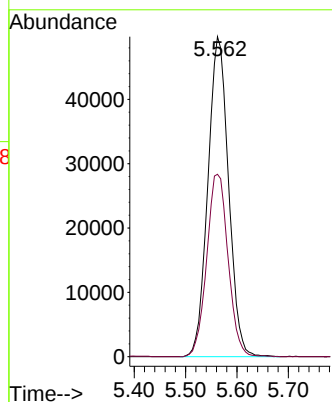
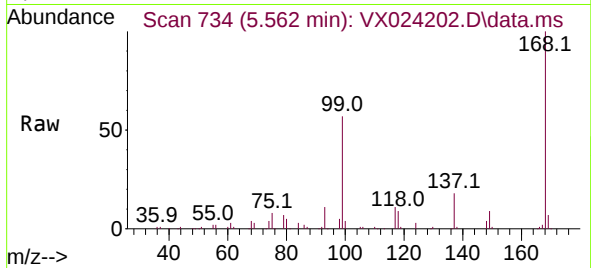




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

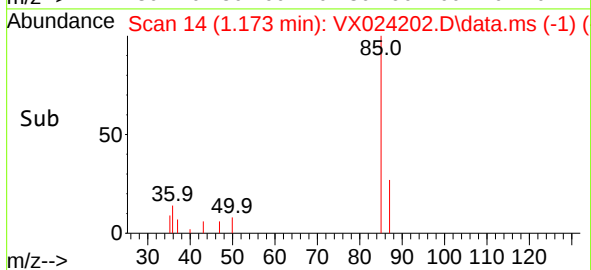
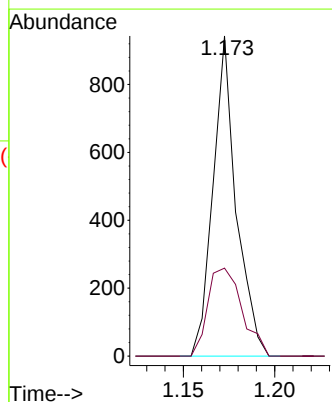
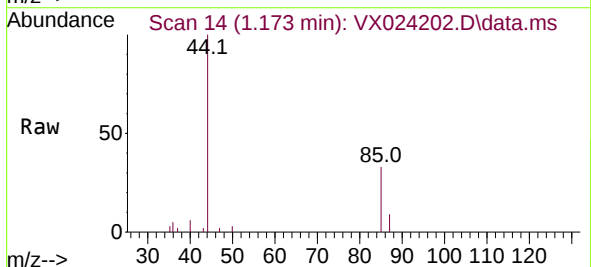
Instrument :
MSVOA_X
ClientSampleId :
IBLK

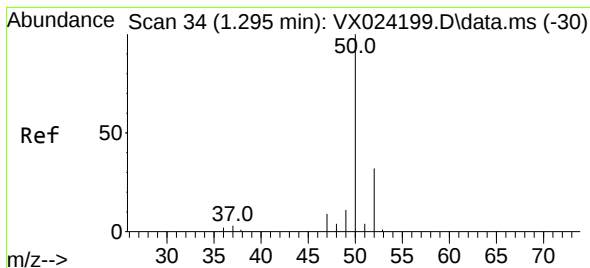
Tgt Ion:168 Resp: 138711
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 0.624 ug/l
RT: 1.173 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 85 Resp: 832
Ion Ratio Lower Upper
85 100
87 27.5 16.4 49.2

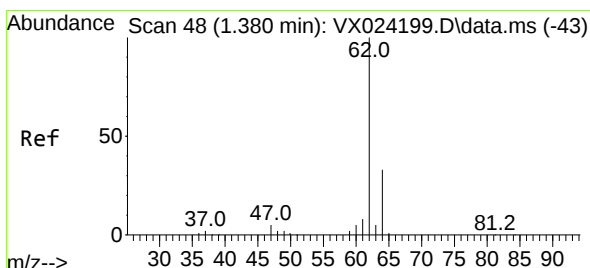
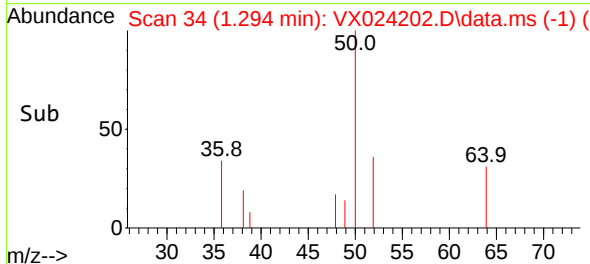
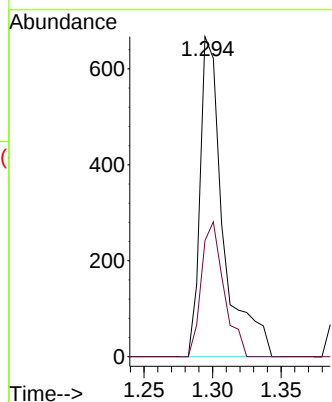
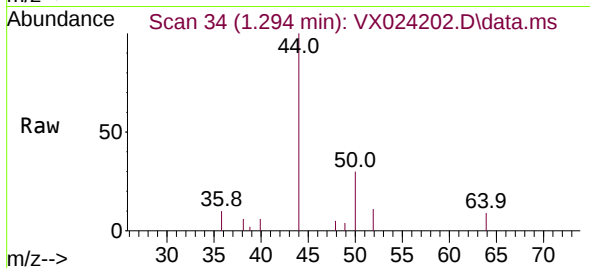




#3
Chloromethane
Concen: 0.565 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

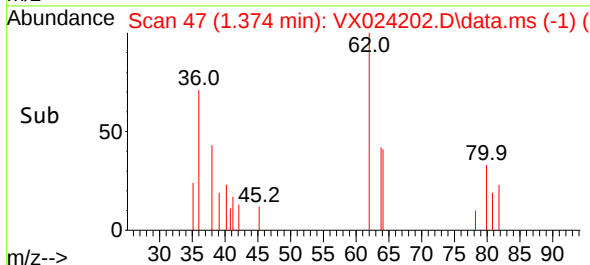
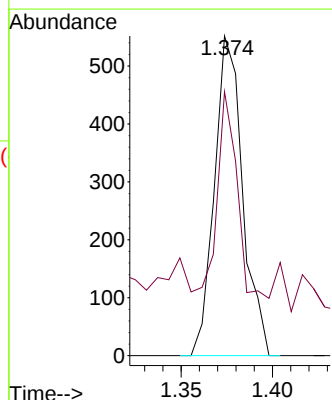
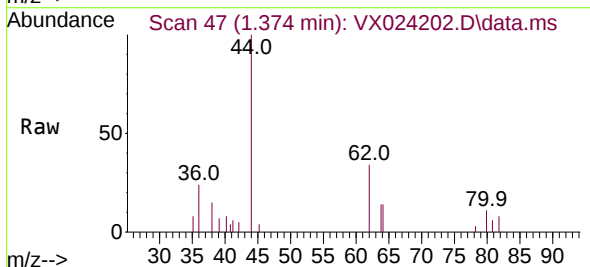
Instrument :
MSVOA_X
ClientSampled :
IBLK

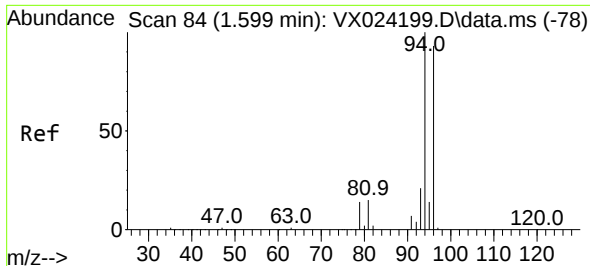
Tgt Ion: 50 Resp: 787
Ion Ratio Lower Upper
50 100
52 36.3 26.4 39.6



#4
Vinyl Chloride
Concen: 0.427 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 62 Resp: 592
Ion Ratio Lower Upper
62 100
64 53.4 25.7 38.5#

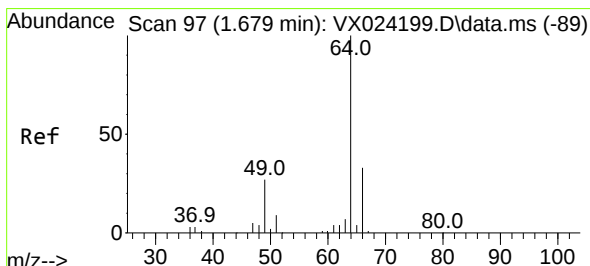
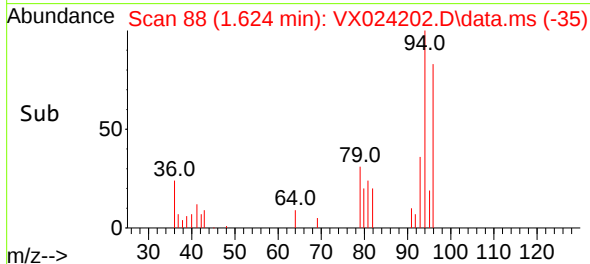
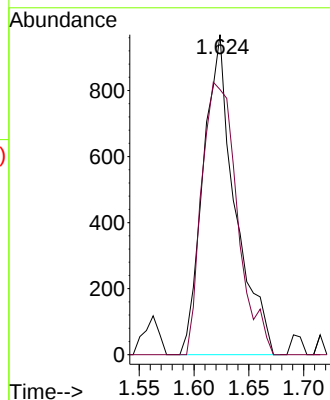
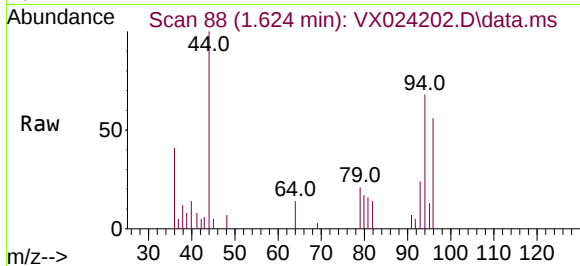




#5
Bromomethane
Concen: 2.366 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

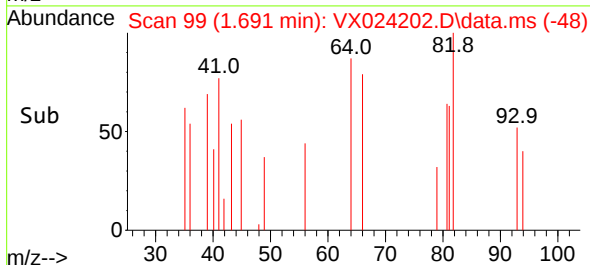
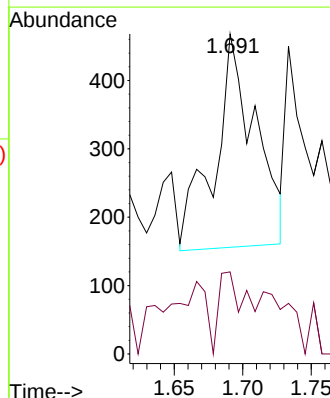
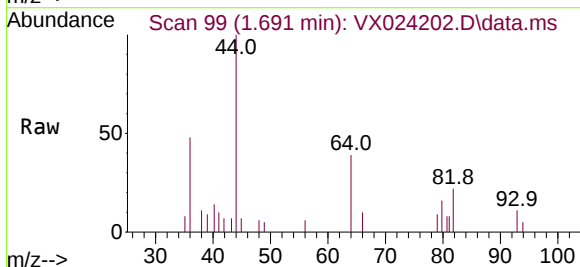
Instrument :
MSVOA_X
ClientSampled :
IBLK

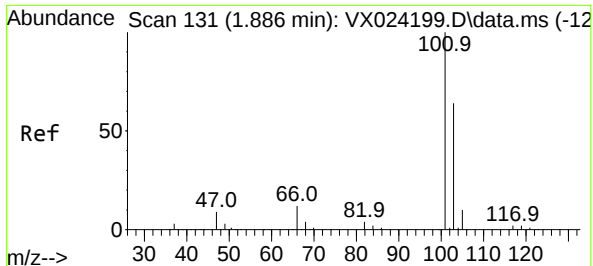
Tgt Ion: 94 Resp: 1952
Ion Ratio Lower Upper
94 100
96 82.9 76.4 114.6



#6
Chloroethane
Concen: 2.549 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 64 Resp: 646
Ion Ratio Lower Upper
64 100
66 17.9 25.4 38.0#

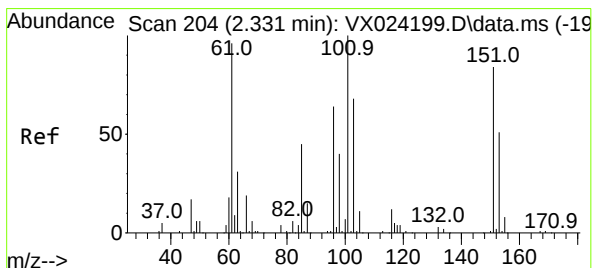
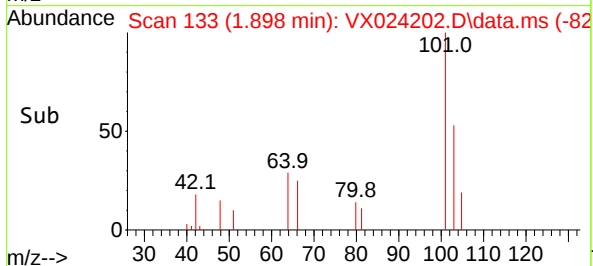
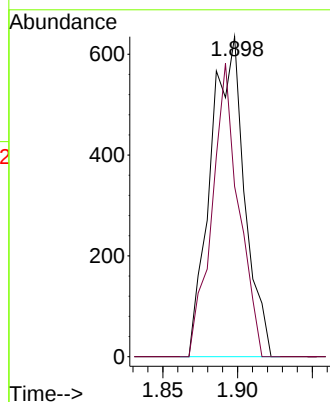
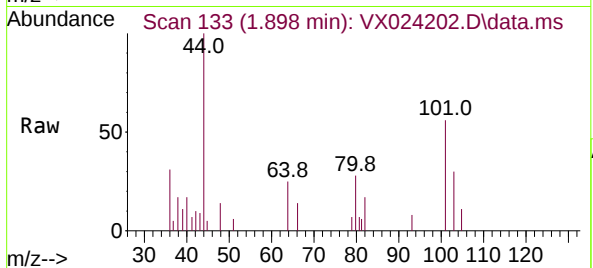




#7
 Trichlorofluoromethane
 Concen: 0.431 ug/l
 RT: 1.898 min Scan# 133
 Delta R.T. 0.012 min
 Lab File: VX024202.D
 Acq: 14 Sep 2021 12:11

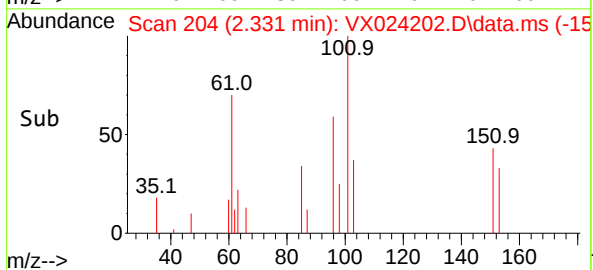
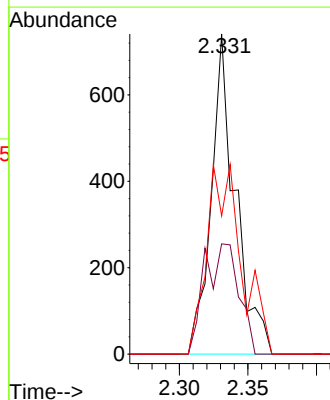
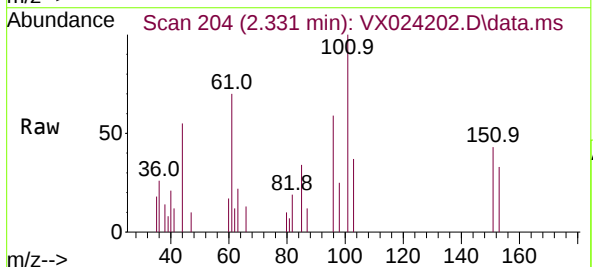
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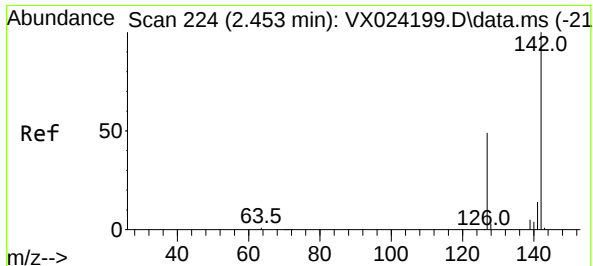
Tgt Ion:101 Resp: 1001
 Ion Ratio Lower Upper
 101 100
 103 53.2 53.2 79.8



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.663 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX024202.D
 Acq: 14 Sep 2021 12:11

Tgt Ion:101 Resp: 905
 Ion Ratio Lower Upper
 101 100
 85 49.1 34.9 52.3
 151 84.9 61.4 92.2





#10

Methyl Iodide

Concen: 1.450 ug/l

RT: 2.459 min Scan# 225

Delta R.T. 0.006 min

Lab File: VX024202.D

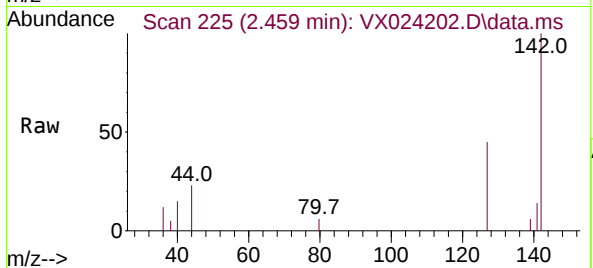
Acq: 14 Sep 2021 12:11

Instrument :

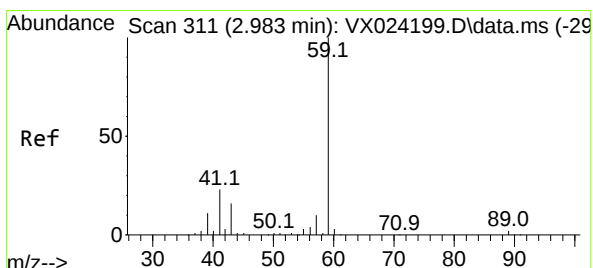
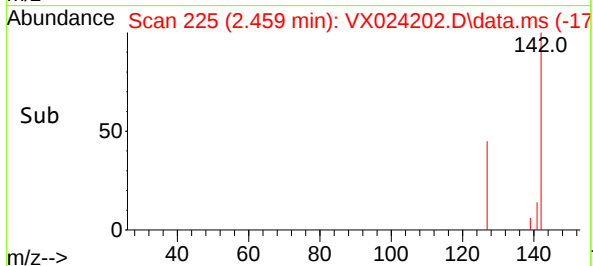
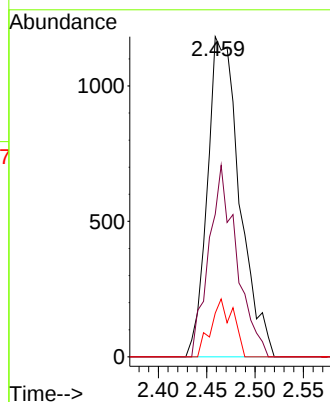
MSVOA_X

ClientSampled :

IBLK



Tgt Ion:	142	Resp:	2740
Ion Ratio	100	Lower	Upper
127	51.5	33.3	49.9#
141	12.4	11.4	17.0



#11

Tert butyl alcohol

Concen: Below Cal

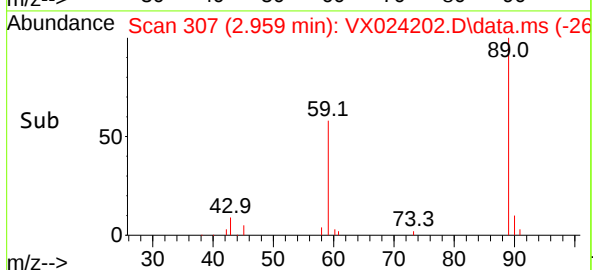
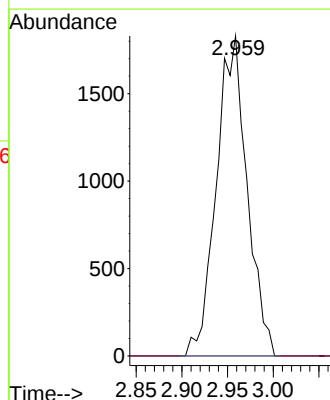
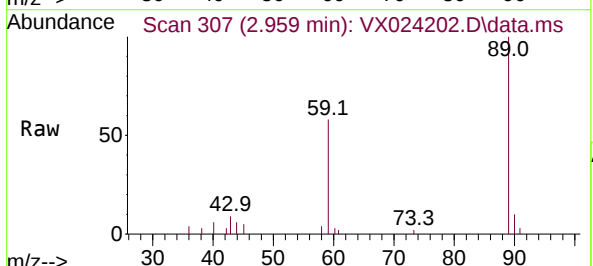
RT: 2.959 min Scan# 307

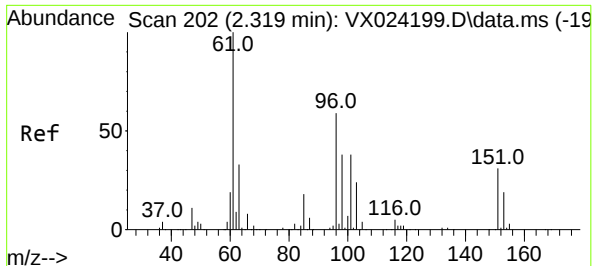
Delta R.T. -0.024 min

Lab File: VX024202.D

Acq: 14 Sep 2021 12:11

Tgt Ion:	59	Resp:	4274
Ion Ratio	100	Lower	Upper
57	0.0	7.8	11.8#





#12

1,1-Dichloroethene

Concen: 0.554 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.012 min

Lab File: VX024202.D

Acq: 14 Sep 2021 12:11

Tgt Ion: 96 Resp: 708

Ion Ratio Lower Upper

96 100

61 117.8 124.6 187.0#

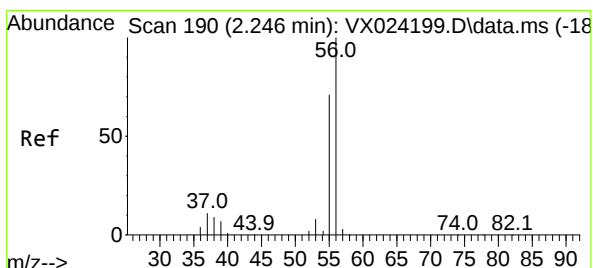
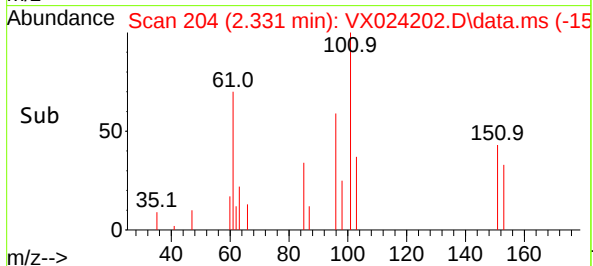
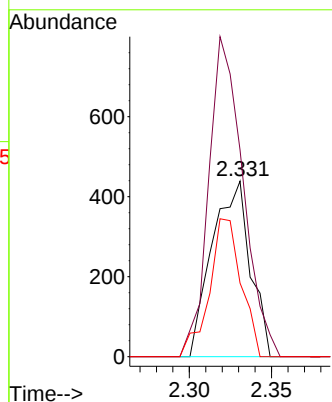
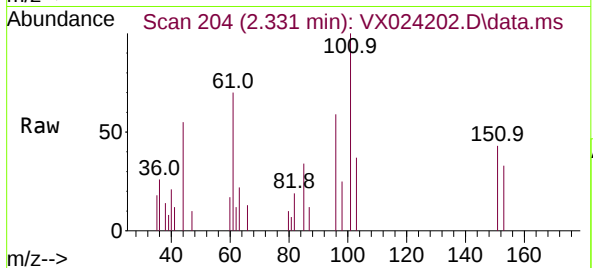
98 41.9 50.6 76.0#

Instrument :

MSVOA_X

ClientSampleId :

IBLK



#13

Acrolein

Concen: 2.117 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.007 min

Lab File: VX024202.D

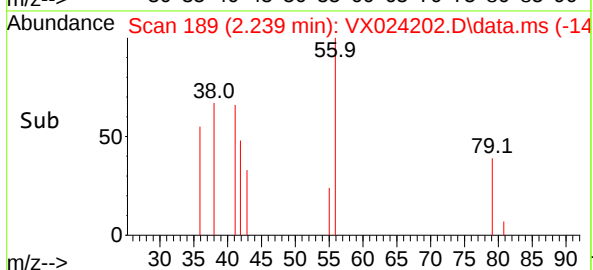
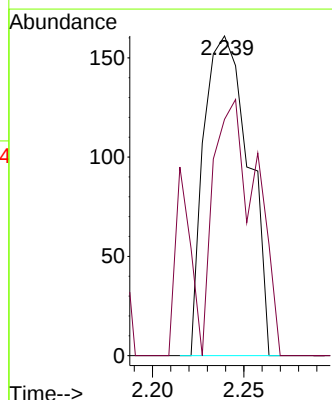
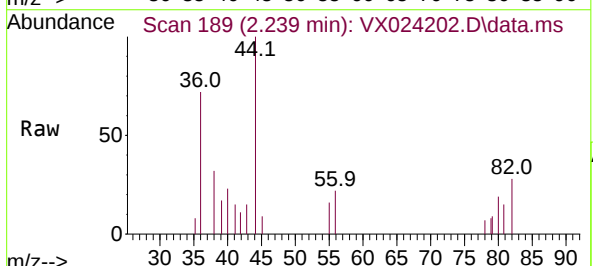
Acq: 14 Sep 2021 12:11

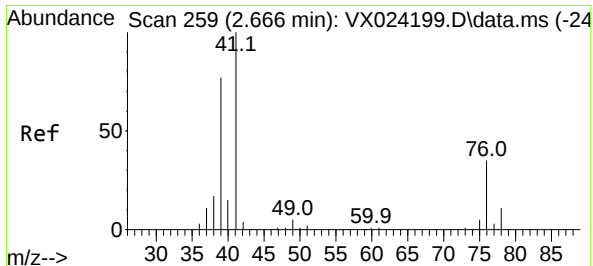
Tgt Ion: 56 Resp: 276

Ion Ratio Lower Upper

56 100

55 75.7 56.4 84.6





#14

Allyl chloride

Concen: 0.391 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX024202.D

Acq: 14 Sep 2021 12:11

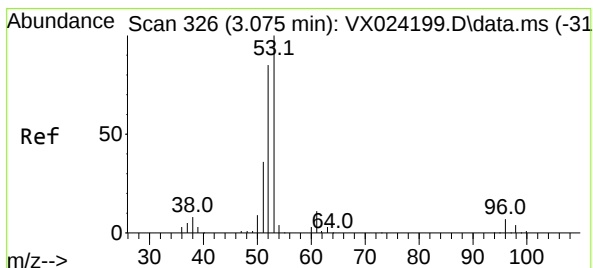
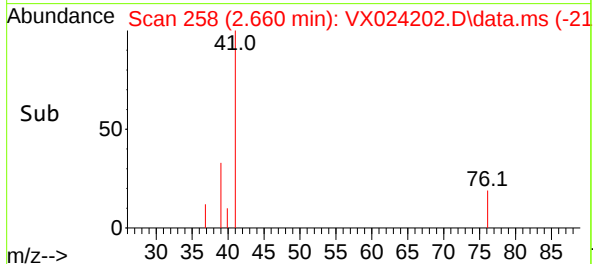
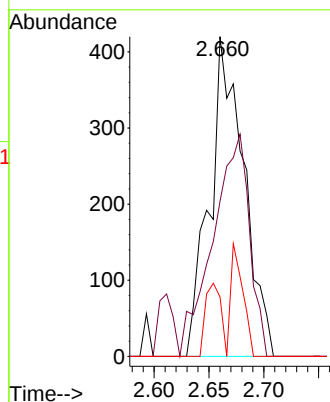
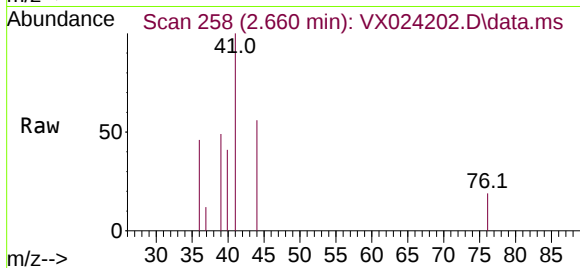
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:	41	Resp:	908
Ion	Ratio	Lower	Upper
41	100		
39	74.6	51.6	77.4
76	0.0	30.5	45.7#



#15

Acrylonitrile

Concen: 1.828 ug/l

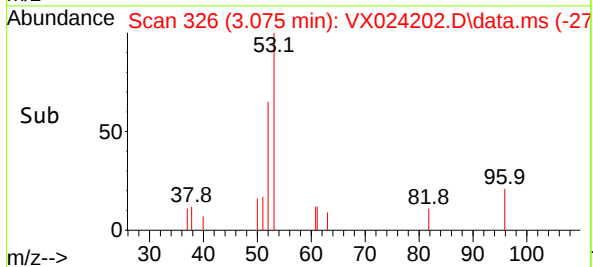
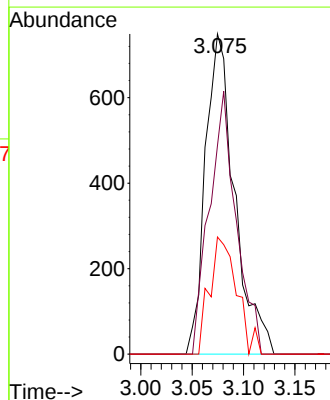
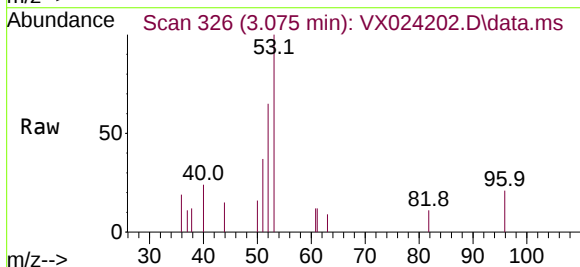
RT: 3.075 min Scan# 326

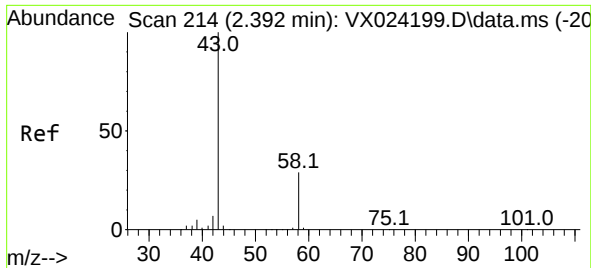
Delta R.T. -0.000 min

Lab File: VX024202.D

Acq: 14 Sep 2021 12:11

Tgt Ion:	53	Resp:	1479
Ion	Ratio	Lower	Upper
53	100		
52	75.7	65.3	97.9
51	34.1	28.2	42.2

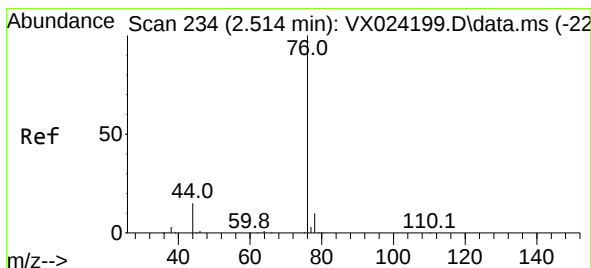
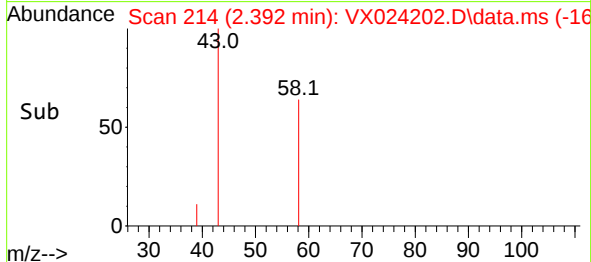
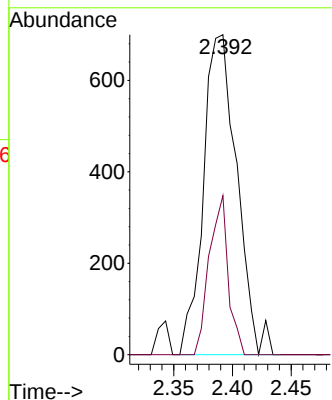
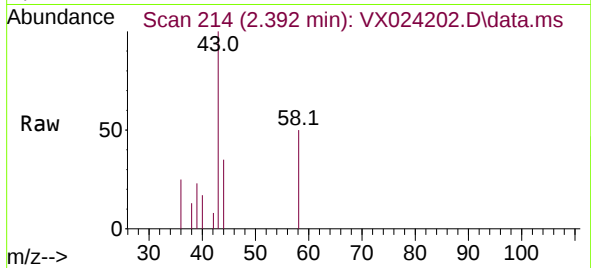




#16
Acetone
Concen: 1.648 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

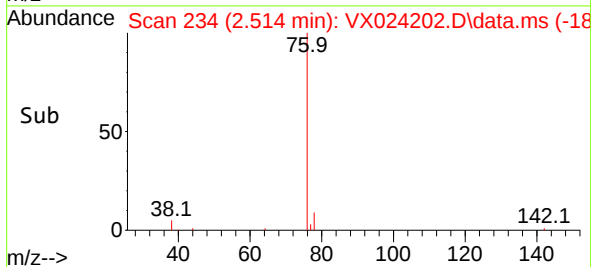
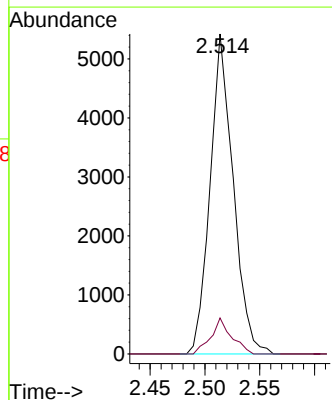
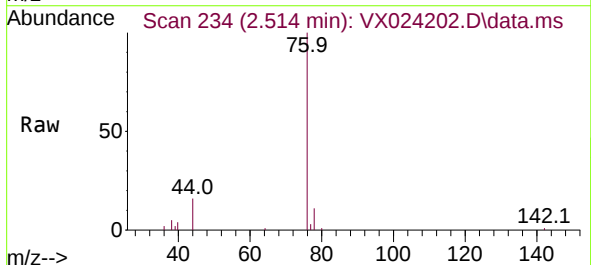
Instrument :
MSVOA_X
ClientSampled :
IBLK

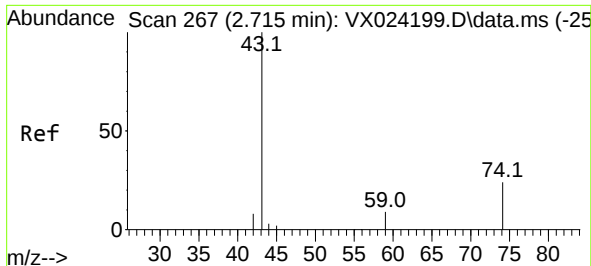
Tgt Ion: 43 Resp: 1390
Ion Ratio Lower Upper
43 100
58 49.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 2.484 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 76 Resp: 7960
Ion Ratio Lower Upper
76 100
78 11.2 7.2 10.8#





#18

Methyl Acetate

Concen: 0.261 ug/l

RT: 2.715 min Scan# 267

Delta R.T. -0.000 min

Lab File: VX024202.D

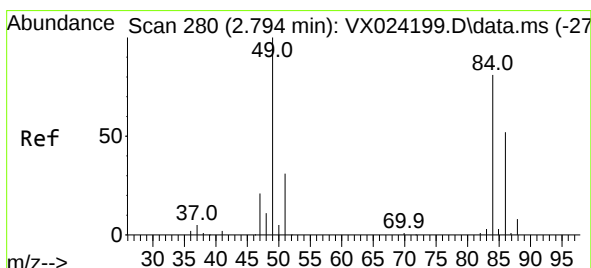
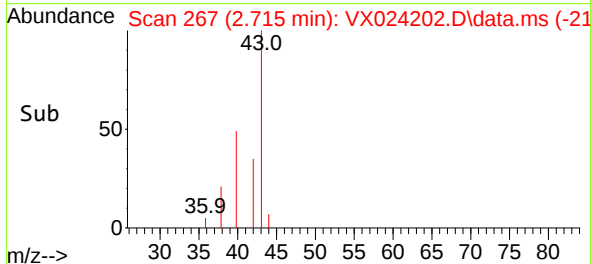
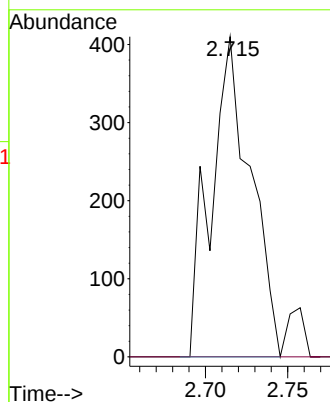
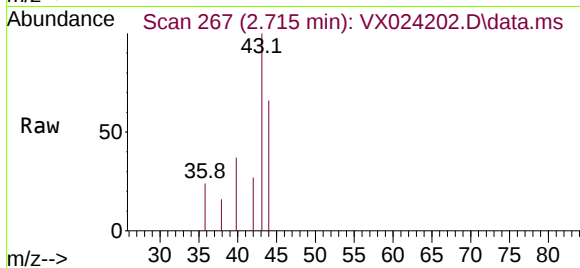
Acq: 14 Sep 2021 12:11

Tgt Ion: 43 Resp: 689

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: 1.069 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024202.D

Acq: 14 Sep 2021 12:11

Tgt Ion: 84 Resp: 1731

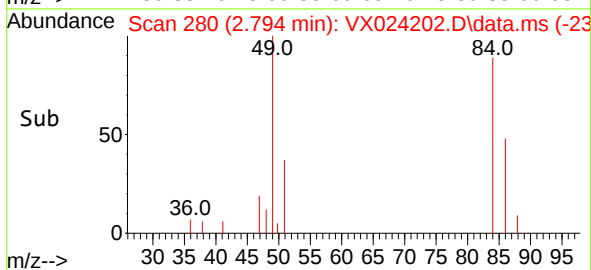
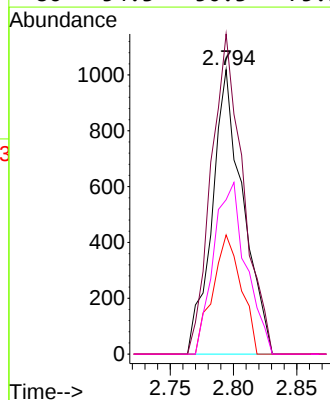
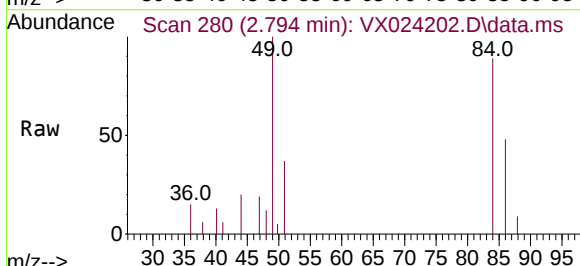
Ion Ratio Lower Upper

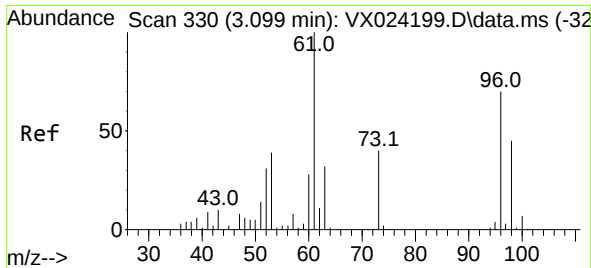
84 100

49 112.6 88.6 132.8

51 41.9 27.0 40.6#

86 54.3 50.3 75.5

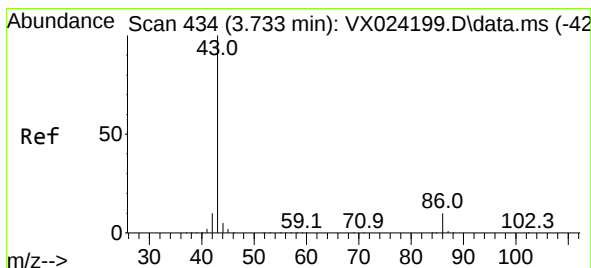
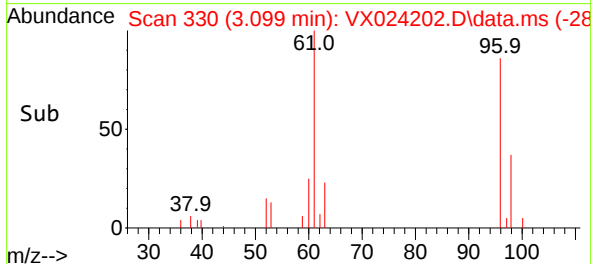
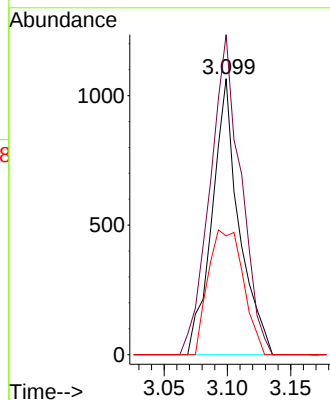
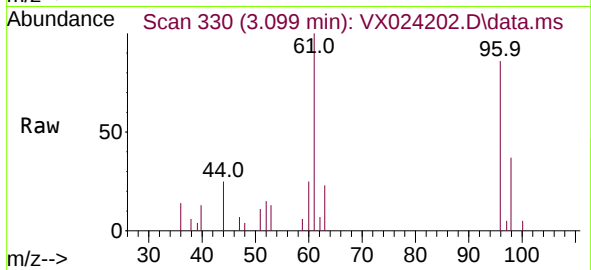




#21
trans-1,2-Dichloroethene
Concen: 1.128 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

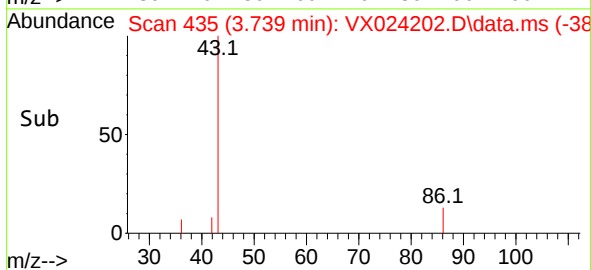
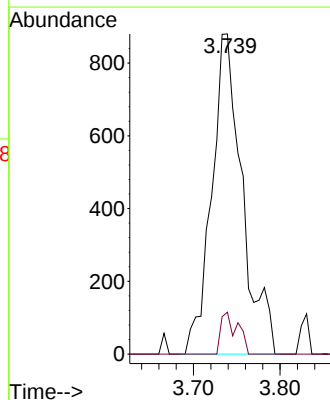
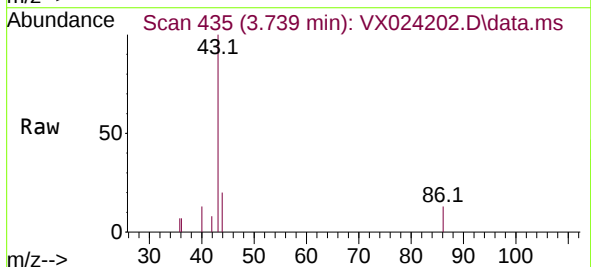
Instrument :
MSVOA_X
ClientSampleId :
IBLK

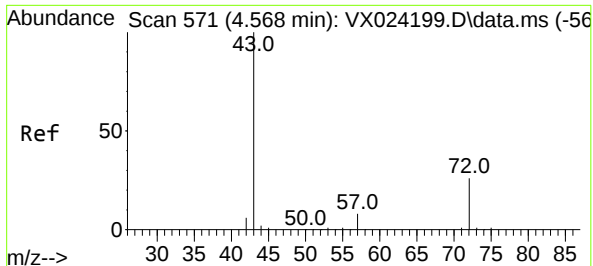
Tgt Ion: 96 Resp: 1580
Ion Ratio Lower Upper
96 100
61 116.0 107.7 161.5
98 43.0 50.4 75.6#



#23
Vinyl Acetate
Concen: 0.581 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.006 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 43 Resp: 2153
Ion Ratio Lower Upper
43 100
86 13.1 9.9 14.9

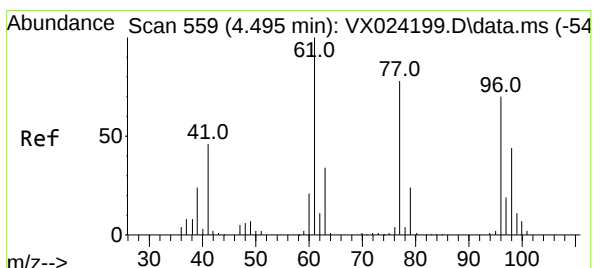
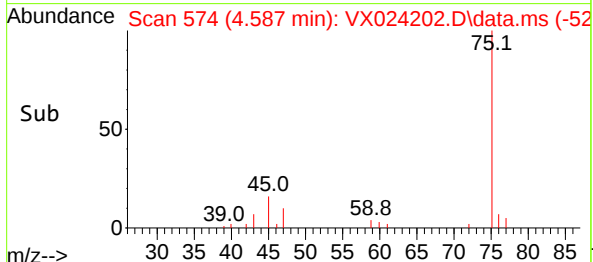
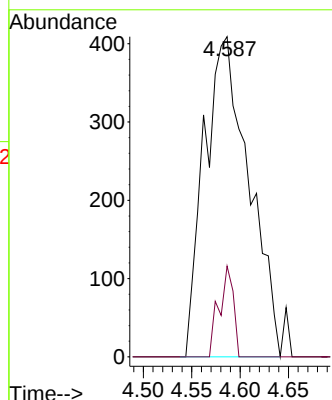
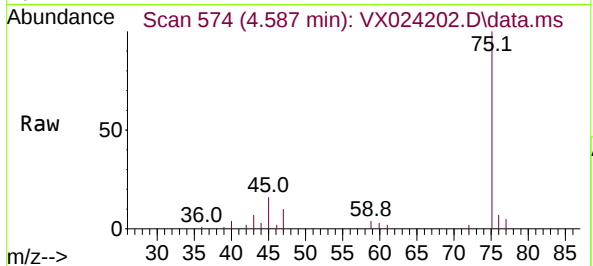




#25
2-Butanone
Concen: 1.059 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

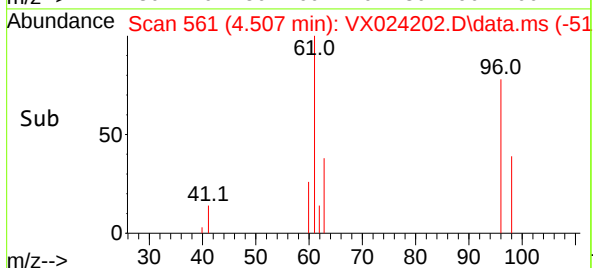
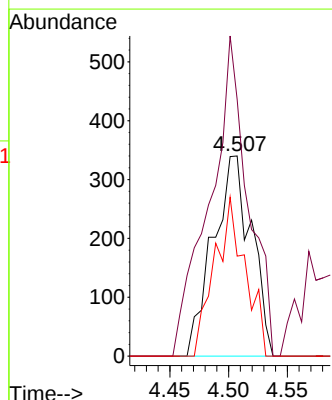
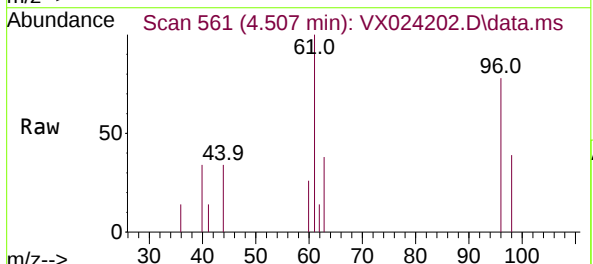
Instrument :
MSVOA_X
ClientSampled :
IBLK

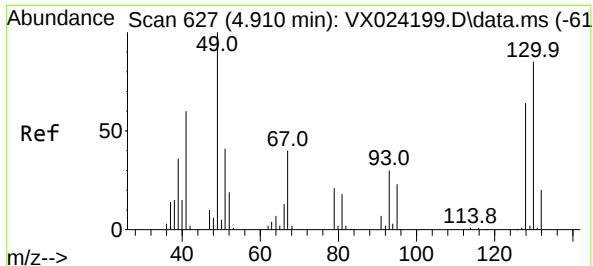
Tgt Ion: 43 Resp: 1315
Ion Ratio Lower Upper
43 100
72 28.4 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 0.478 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.012 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 96 Resp: 773
Ion Ratio Lower Upper
96 100
61 159.2 0.0 285.6
98 63.3 0.0 129.6

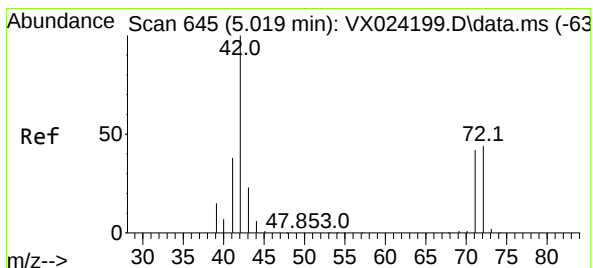
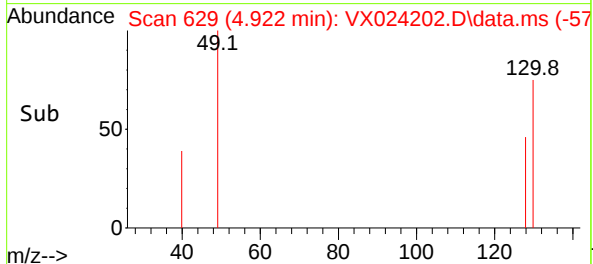
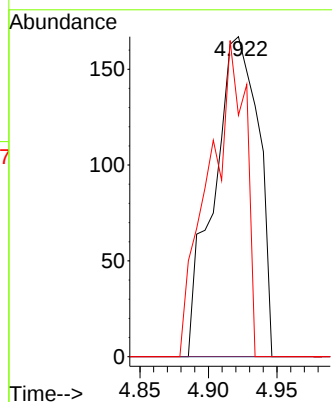
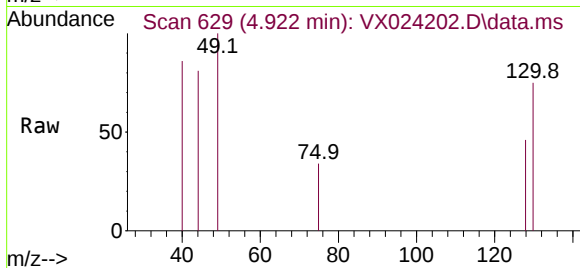




#28
Bromochloromethane
Concen: 0.347 ug/l
RT: 4.922 min Scan# 629
Delta R.T. 0.012 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

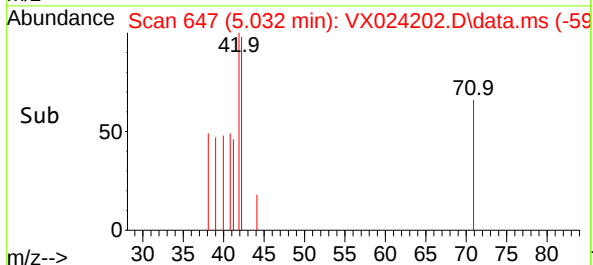
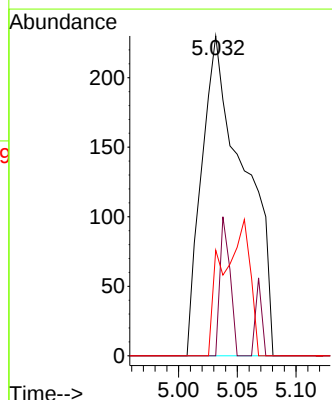
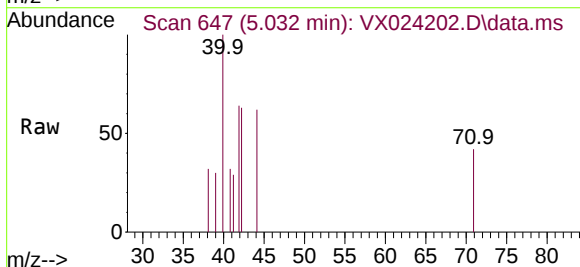
Instrument :
MSVOA_X
ClientSampled :
IBLK

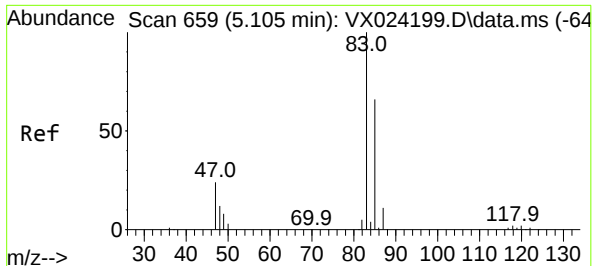
Tgt Ion: 49 Resp: 379
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 81.3 68.2 102.2



#29
Tetrahydrofuran
Concen: 0.749 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.013 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 42 Resp: 582
Ion Ratio Lower Upper
42 100
72 10.1 41.7 62.5#
71 0.0 38.4 57.6#





#30

Chloroform

Concen: 0.205 ug/l

RT: 5.117 min Scan# 661

Delta R.T. 0.012 min

Lab File: VX024202.D

Acq: 14 Sep 2021 12:11

Instrument :

MSVOA_X

ClientSampled :

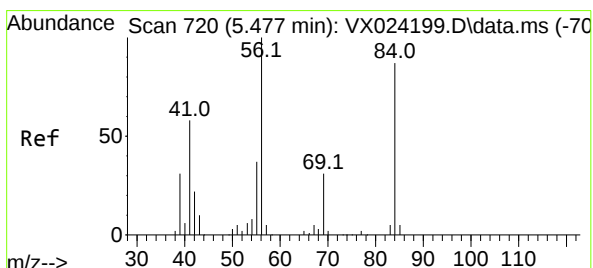
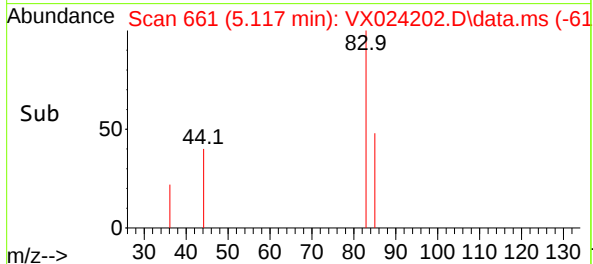
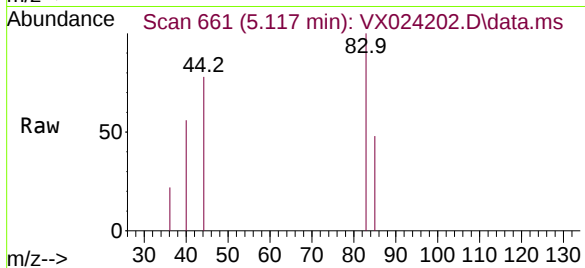
IBLK

Tgt Ion: 83 Resp: 584

Ion Ratio Lower Upper

83 100

85 48.4 52.0 78.0#



#31

Cyclohexane

Concen: 0.486 ug/l

RT: 5.477 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX024202.D

Acq: 14 Sep 2021 12:11

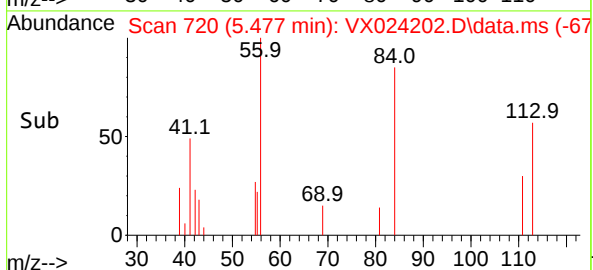
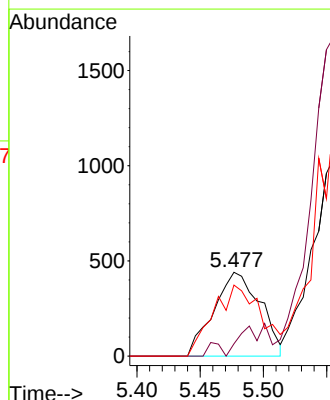
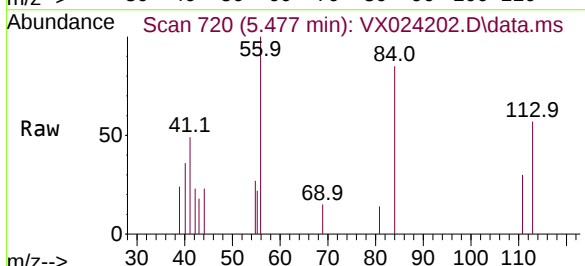
Tgt Ion: 56 Resp: 1125

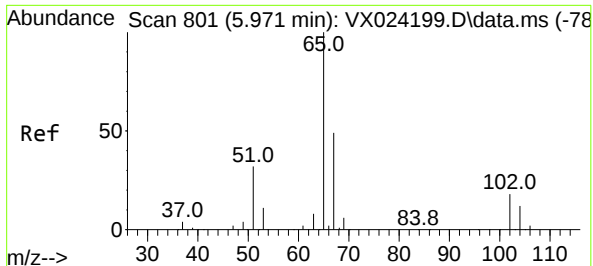
Ion Ratio Lower Upper

56 100

69 14.5 25.3 37.9#

84 84.8 71.4 107.0



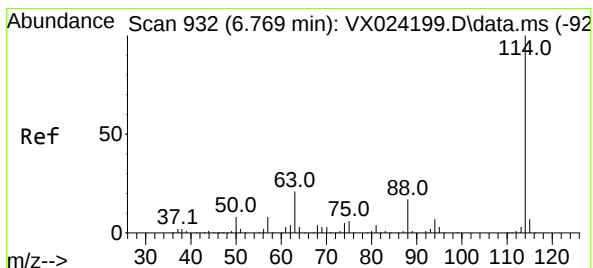
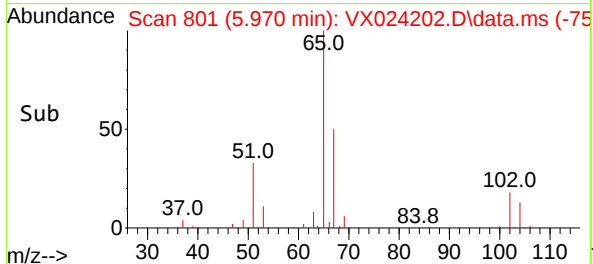
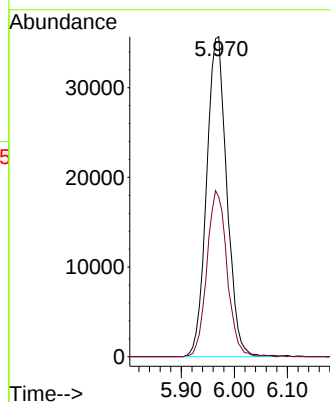
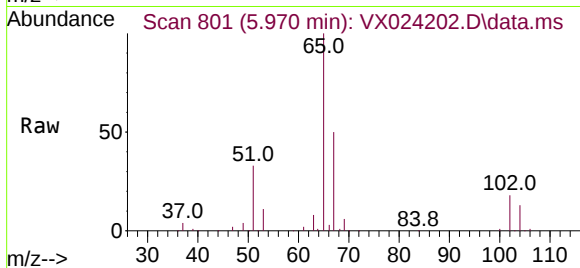


#33

1,2-Dichloroethane-d4
Concen: 47.861 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.001 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Instrument :
MSVOA_X
ClientSampled :
IBLK

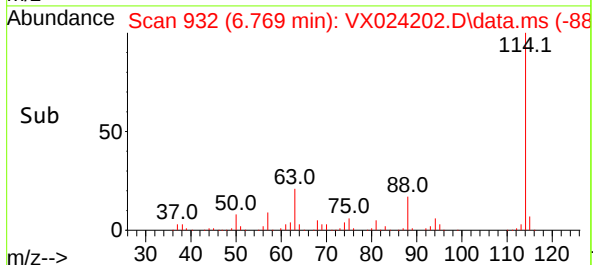
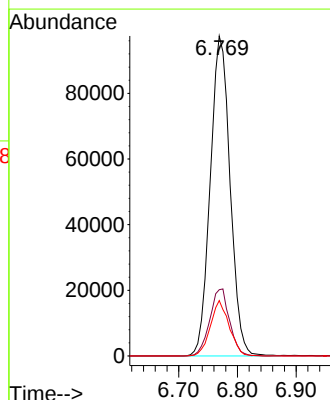
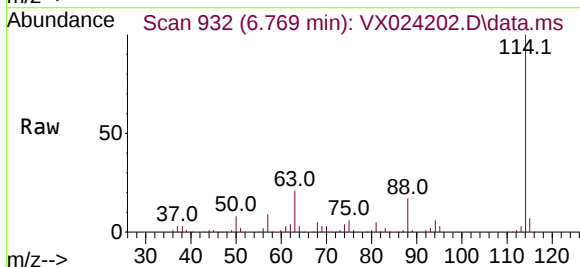
Tgt Ion: 65 Resp: 94667
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

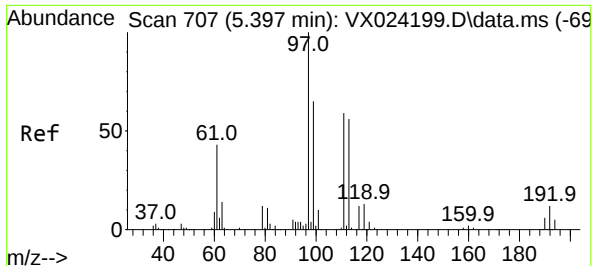


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 114 Resp: 228762
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 17.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.189 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024202.D

Acq: 14 Sep 2021 12:11

Tgt Ion:113 Resp: 75465

Ion Ratio Lower Upper

113 100

111 104.6 81.9 122.9

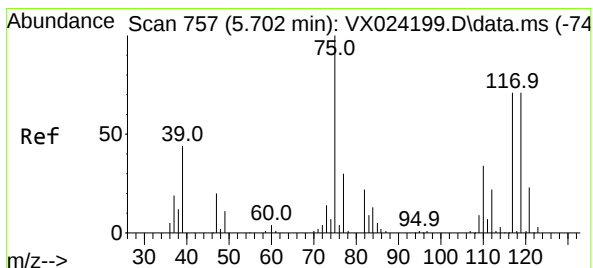
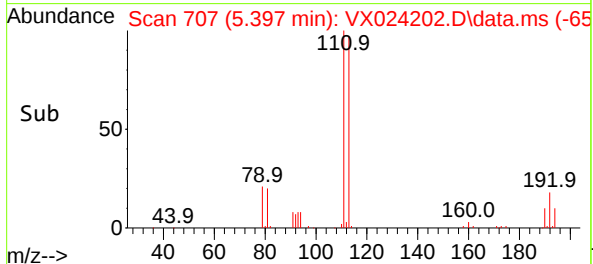
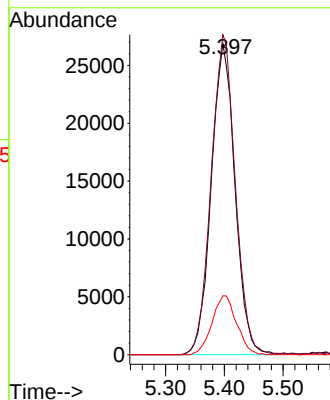
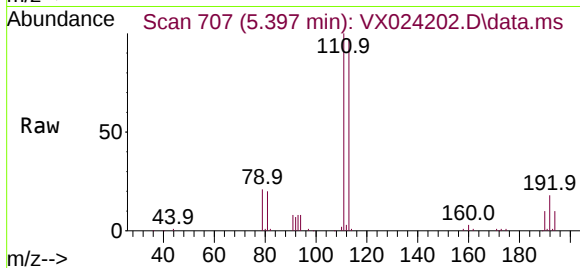
192 19.5 16.7 25.1

Instrument :

MSVOA_X

ClientSampleId :

IBLK



#36

1,1-Dichloropropene

Concen: 0.334 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.012 min

Lab File: VX024202.D

Acq: 14 Sep 2021 12:11

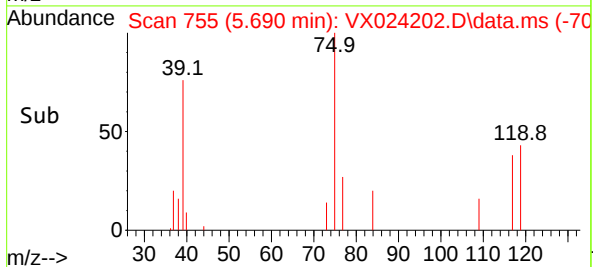
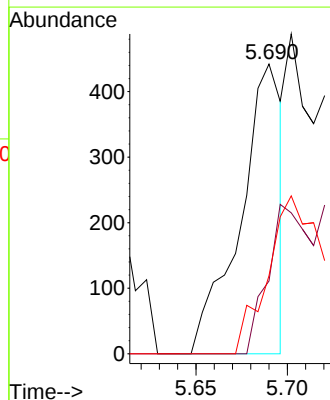
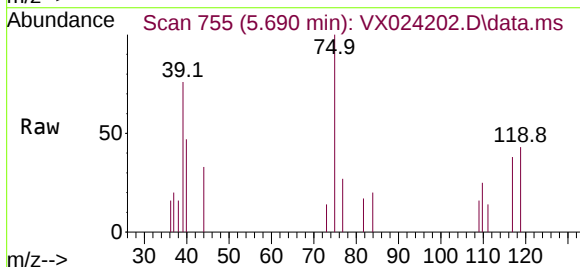
Tgt Ion: 75 Resp: 702

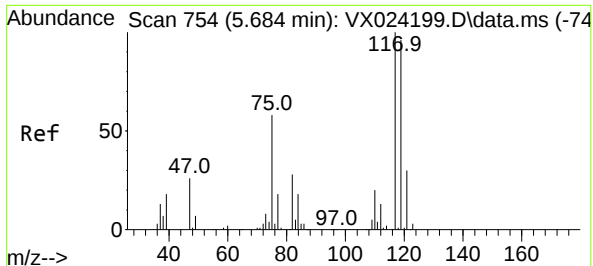
Ion Ratio Lower Upper

75 100

110 69.8 18.1 54.4#

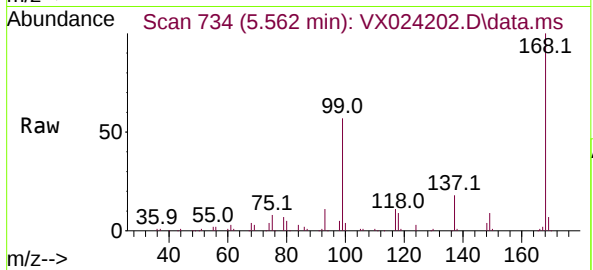
77 67.9 25.3 37.9#



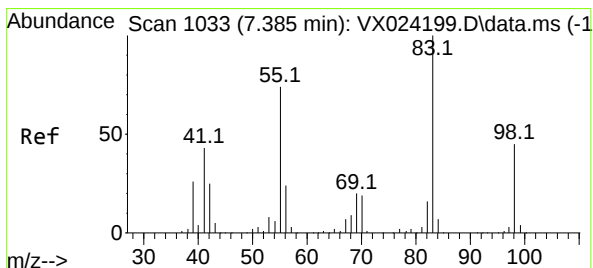
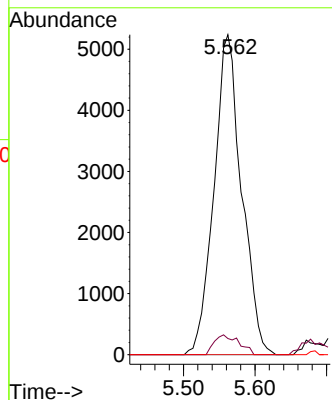
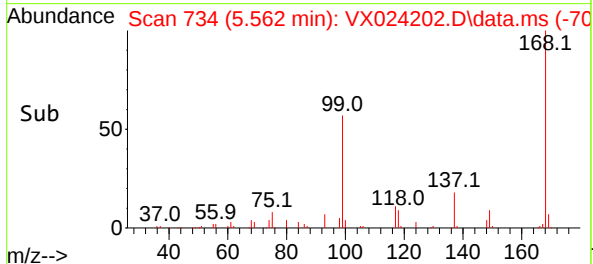


#38
Carbon Tetrachloride
Concen: 5.927 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

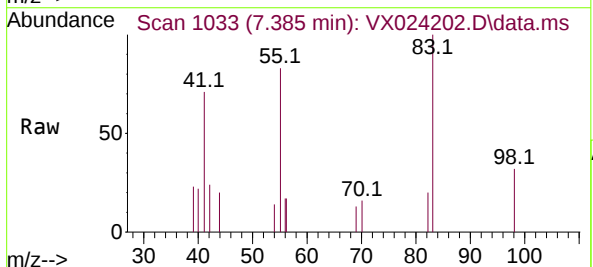
Instrument :
MSVOA_X
ClientSampled :
IBLK



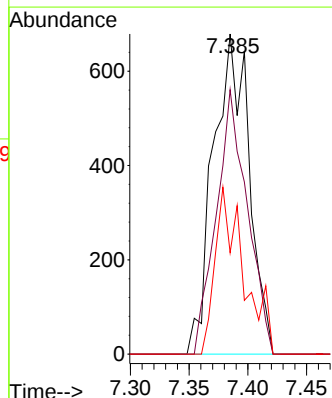
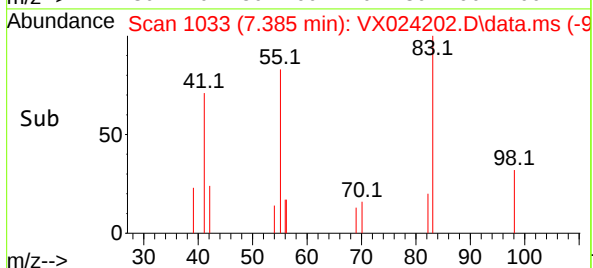
Tgt Ion: 117 Resp: 14030
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#

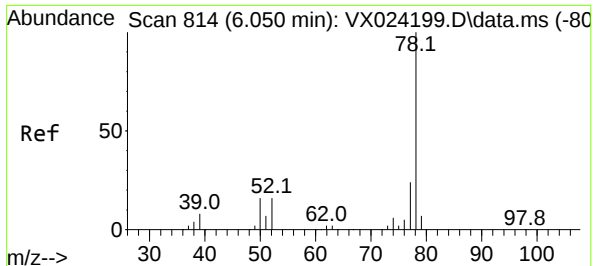


#39
Methylcyclohexane
Concen: 0.570 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11



Tgt Ion: 83 Resp: 1432
Ion Ratio Lower Upper
83 100
55 82.6 58.9 88.3
98 31.7 38.1 57.1#

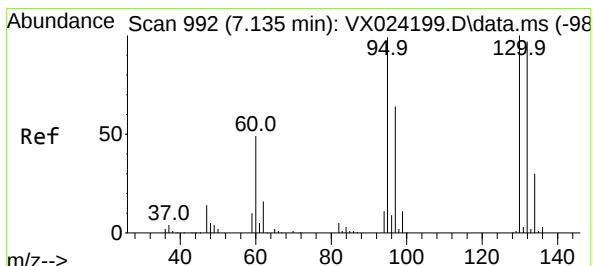
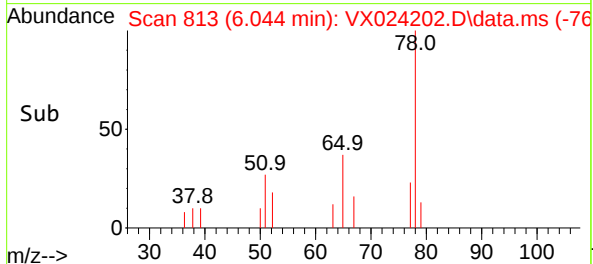
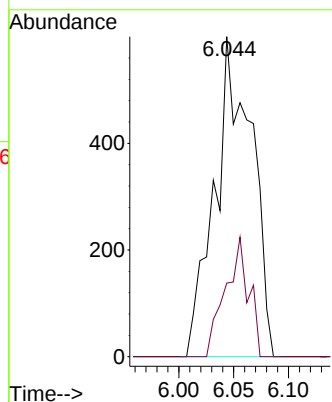
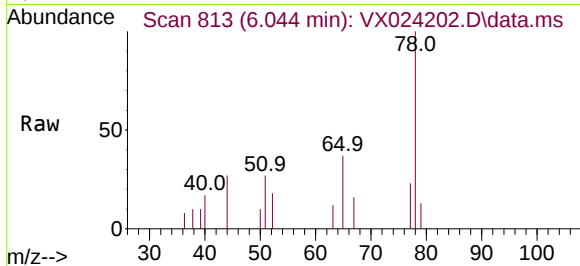




#40
Benzene
Concen: 0.233 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

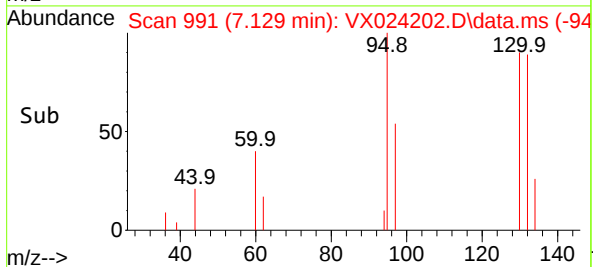
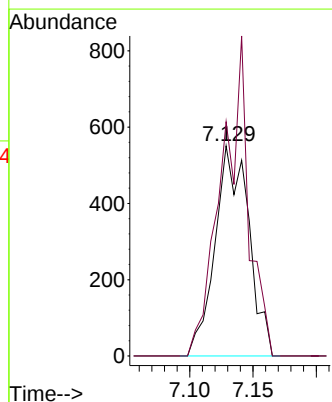
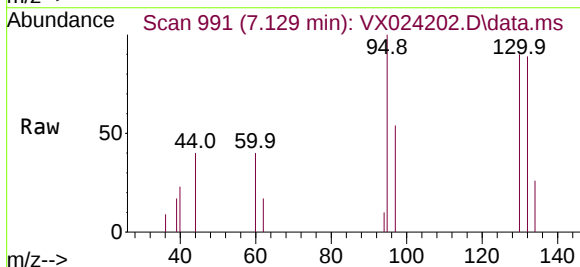
Instrument :
MSVOA_X
ClientSampleId :
IBLK

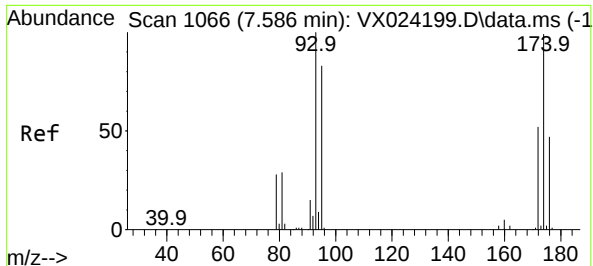
Tgt Ion: 78 Resp: 1408
Ion Ratio Lower Upper
78 100
77 23.0 18.9 28.3



#44
Trichloroethene
Concen: 0.602 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion:130 Resp: 1020
Ion Ratio Lower Upper
130 100
95 111.4 0.0 198.0





#46

Dibromomethane

Concen: 0.391 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.006 min

Lab File: VX024202.D

Acq: 14 Sep 2021 12:11

Instrument :

MSVOA_X

ClientSampleId :

IBLK

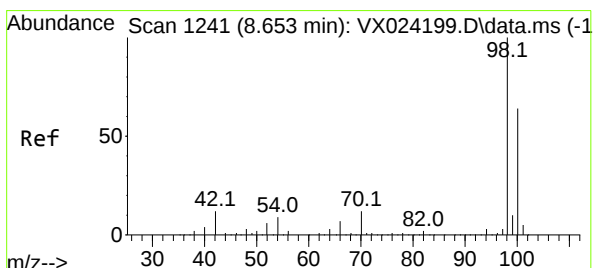
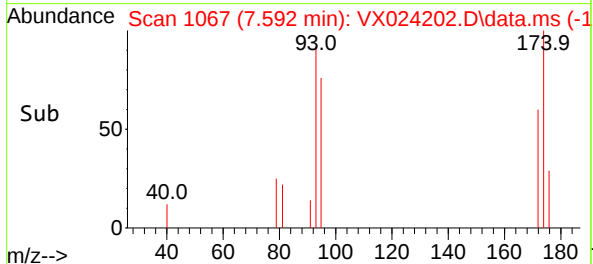
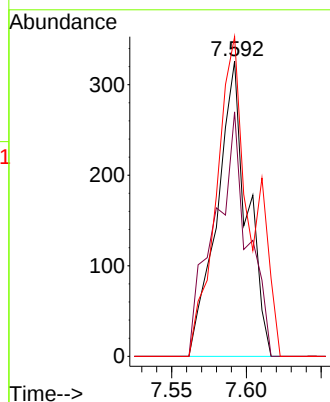
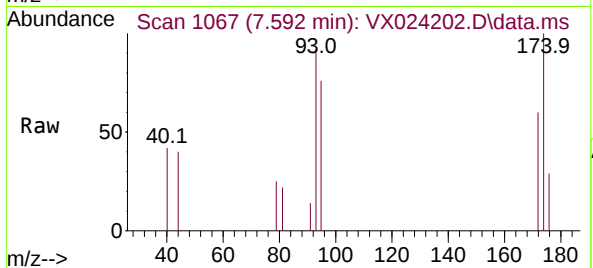
Tgt Ion: 93 Resp: 456

Ion Ratio Lower Upper

93 100

95 90.6 66.8 100.2

174 124.6 83.1 124.7



#50

Toluene-d8

Concen: 50.123 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024202.D

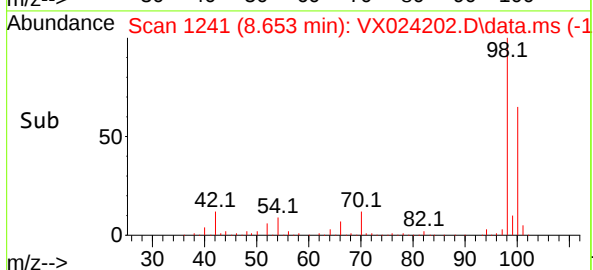
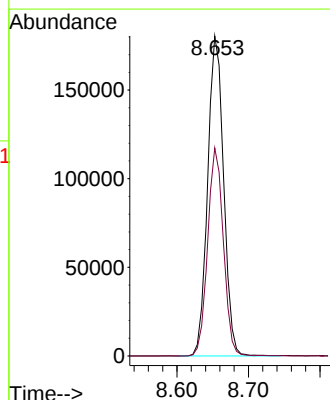
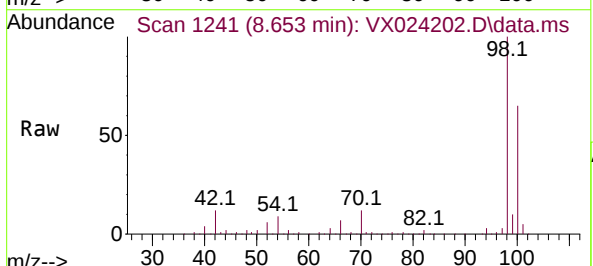
Acq: 14 Sep 2021 12:11

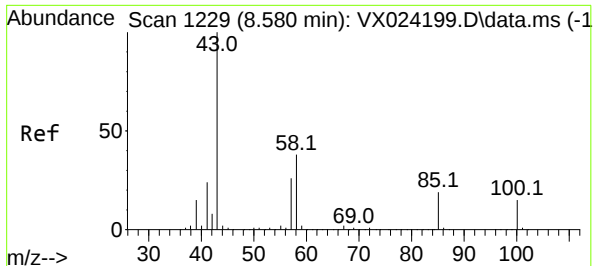
Tgt Ion: 98 Resp: 280133

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9

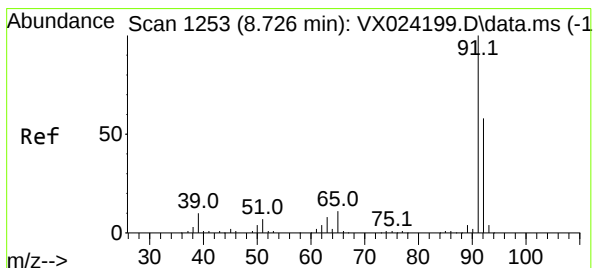
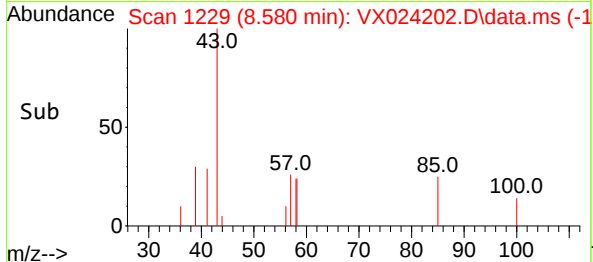
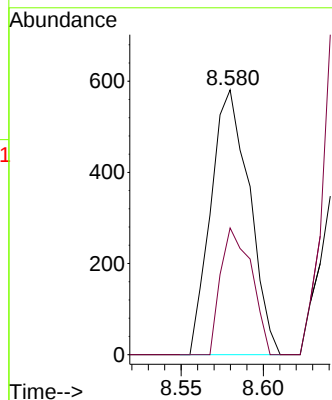
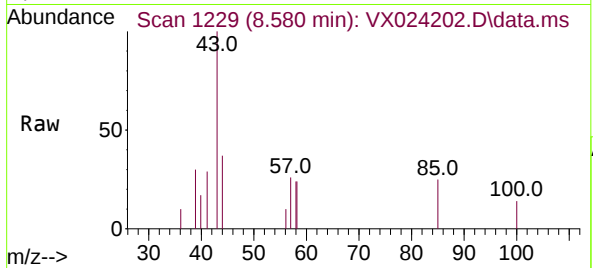




#51
4-Methyl-2-Pentanone
Concen: 0.381 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

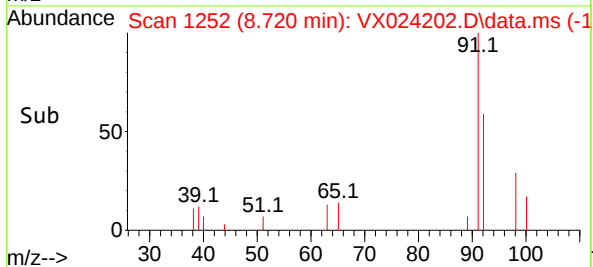
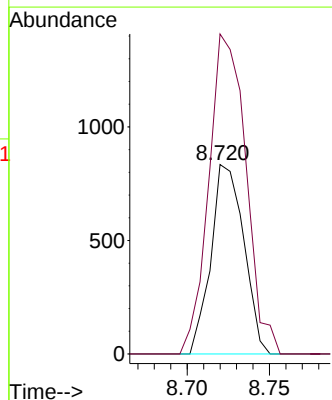
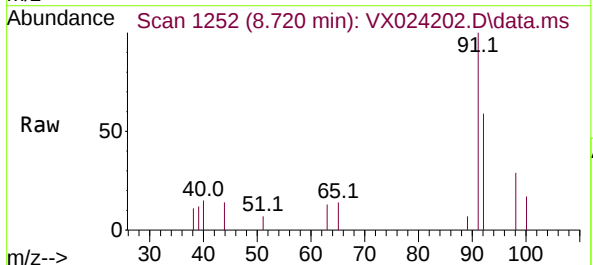
Instrument :
MSVOA_X
ClientSampled :
IBLK

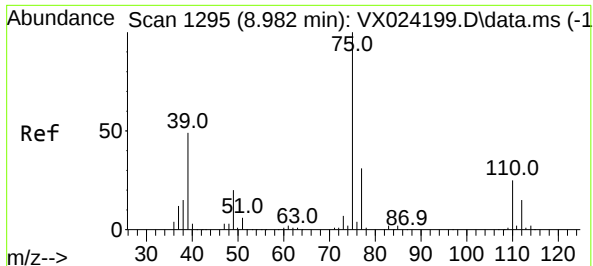
Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 38.2 35.4 53.0



#52
Toluene
Concen: 0.293 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 92 Resp: 1158
Ion Ratio Lower Upper
92 100
91 190.9 137.1 205.7

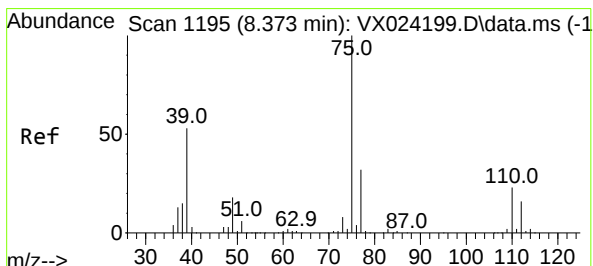
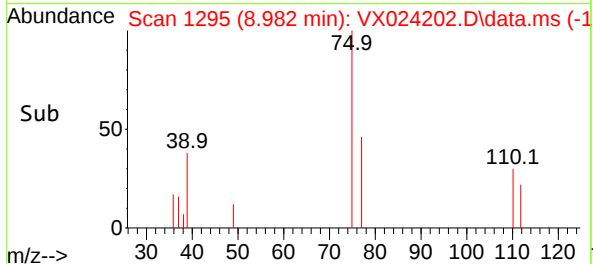
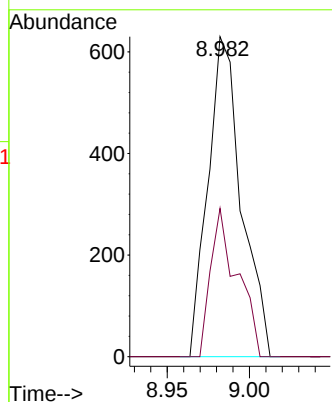
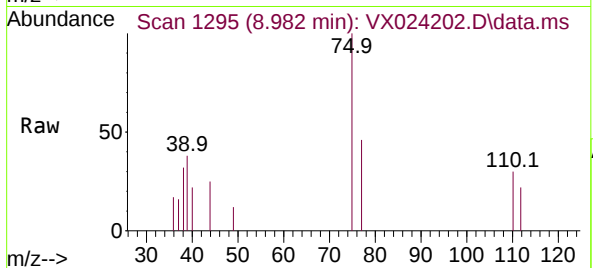




#53
 t-1,3-Dichloropropene
 Concen: 0.362 ug/l
 RT: 8.982 min Scan# 1295
 Delta R.T. 0.000 min
 Lab File: VX024202.D
 Acq: 14 Sep 2021 12:11

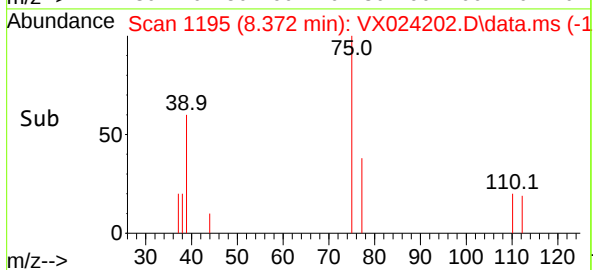
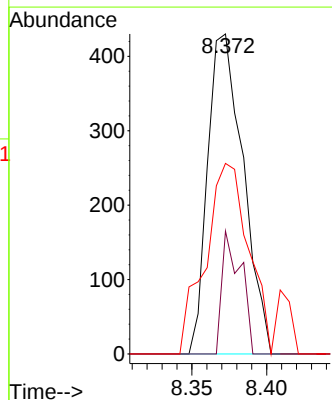
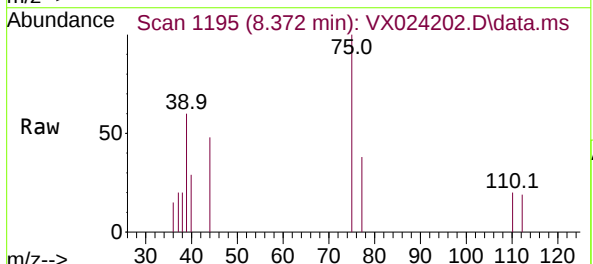
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

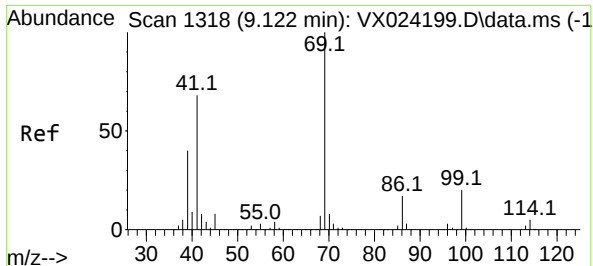
Tgt Ion: 75 Resp: 890
 Ion Ratio Lower Upper
 75 100
 77 46.3 24.9 37.3#



#54
 cis-1,3-Dichloropropene
 Concen: 0.279 ug/l
 RT: 8.372 min Scan# 1195
 Delta R.T. -0.001 min
 Lab File: VX024202.D
 Acq: 14 Sep 2021 12:11

Tgt Ion: 75 Resp: 710
 Ion Ratio Lower Upper
 75 100
 77 38.4 25.7 38.5
 39 59.5 35.1 52.7#

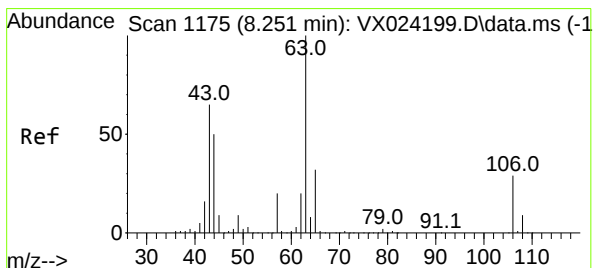
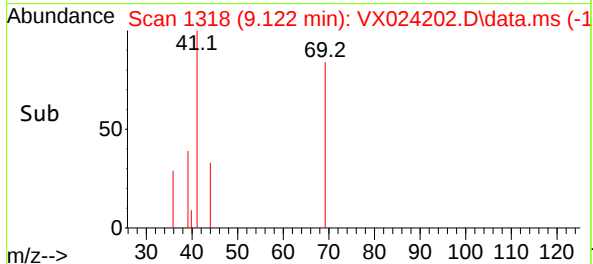
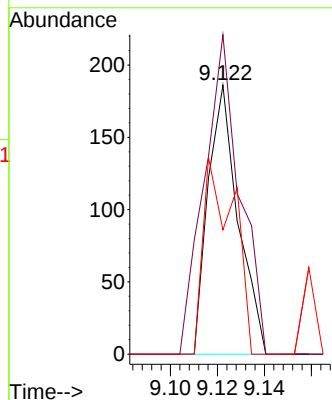
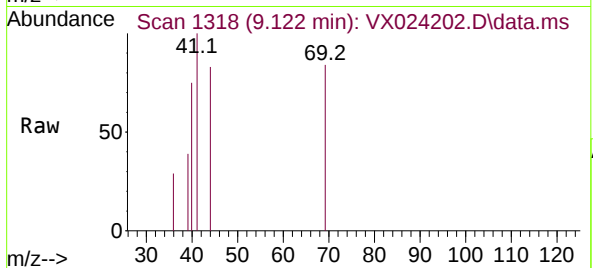




#56
Ethyl methacrylate
Concen: 1.419 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

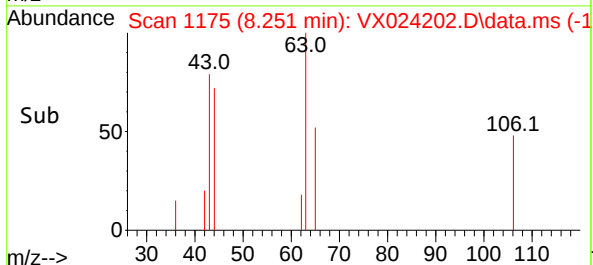
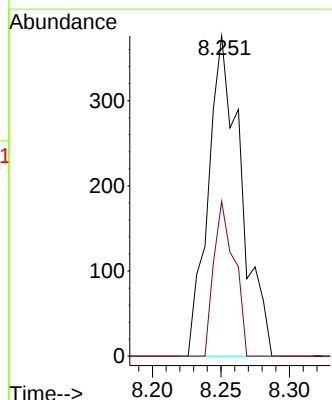
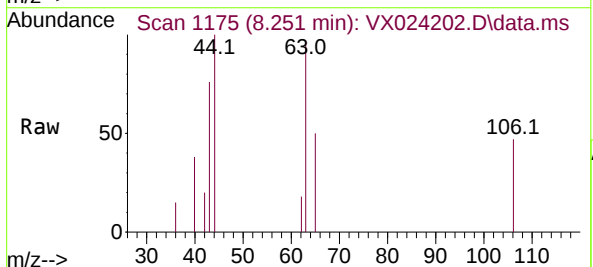
Instrument :
MSVOA_X
ClientSampled :
IBLK

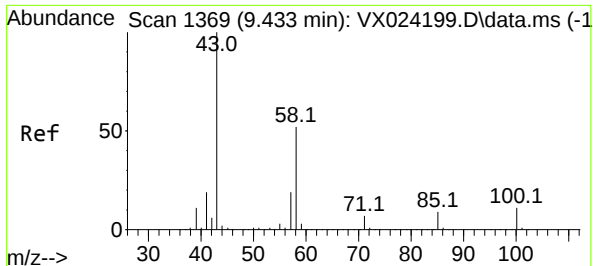
Tgt Ion: 69 Resp: 165
Ion Ratio Lower Upper
69 100
41 141.2 46.8 70.2#
39 74.5 24.7 37.1#



#58
2-Chloroethyl Vinyl ether
Concen: 0.513 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 63 Resp: 625
Ion Ratio Lower Upper
63 100
106 30.4 23.5 35.3

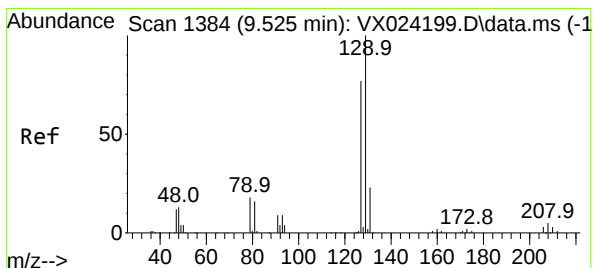
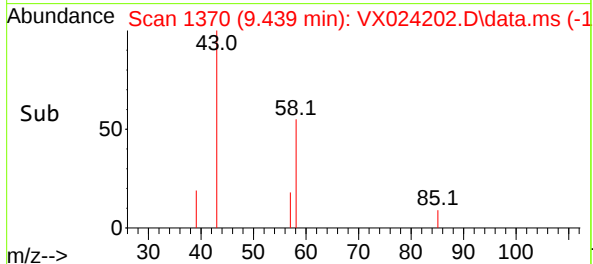
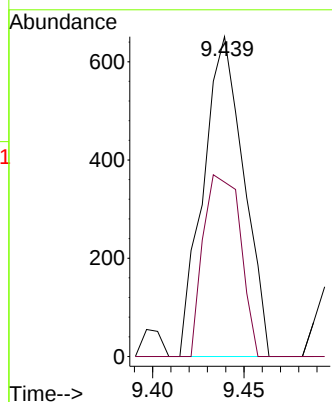
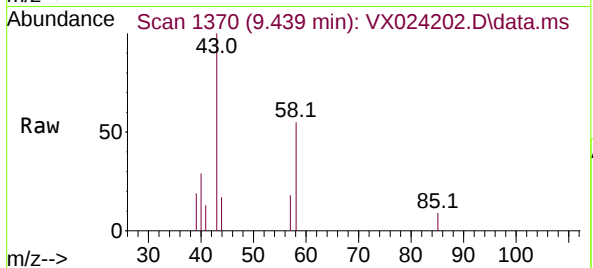




#59
2-Hexanone
Concen: 0.518 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

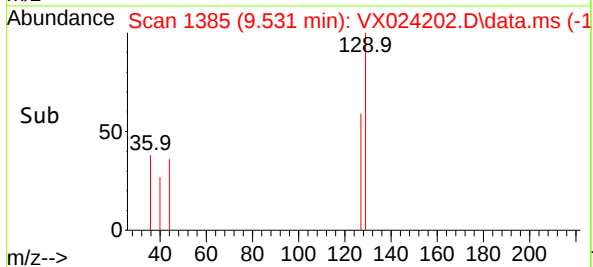
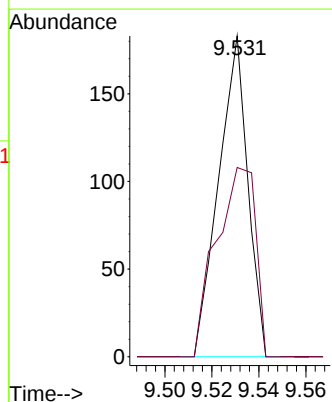
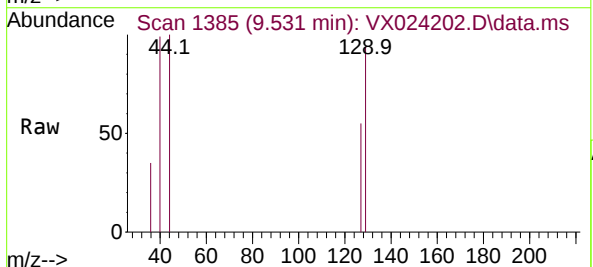
Instrument :
MSVOA_X
ClientSampled :
IBLK

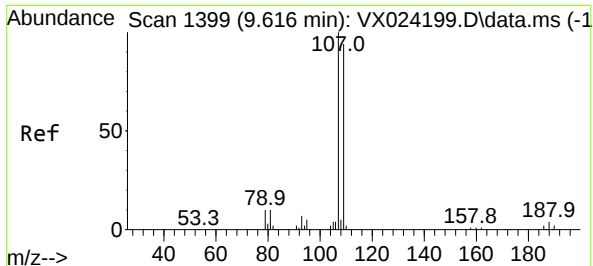
Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
58 52.1 30.9 92.8



#60
Dibromochloromethane
Concen: 1.806 ug/l
RT: 9.531 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 129 Resp: 158
Ion Ratio Lower Upper
129 100
127 79.7 38.4 115.2

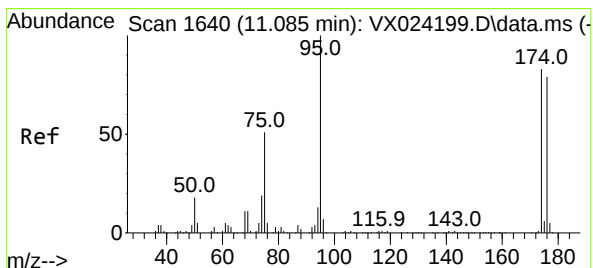
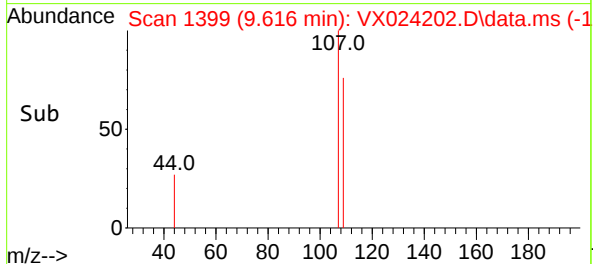
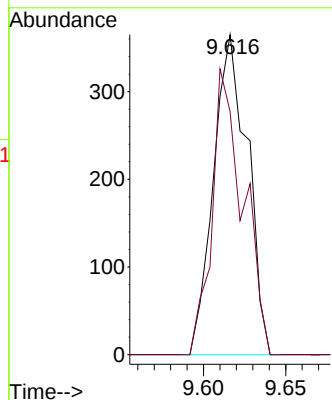
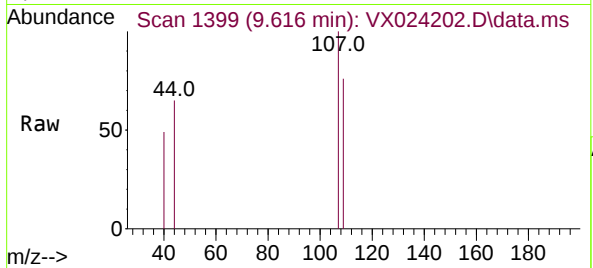




#61
1,2-Dibromoethane
Concen: 0.292 ug/l
RT: 9.616 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

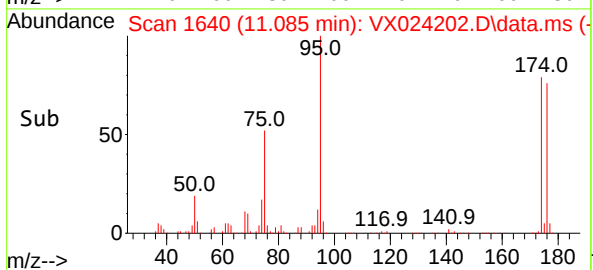
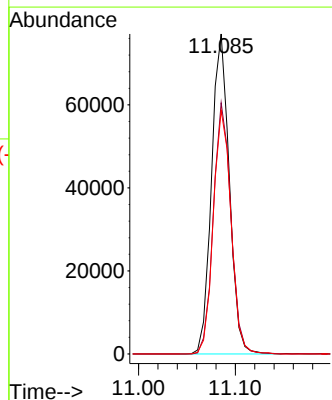
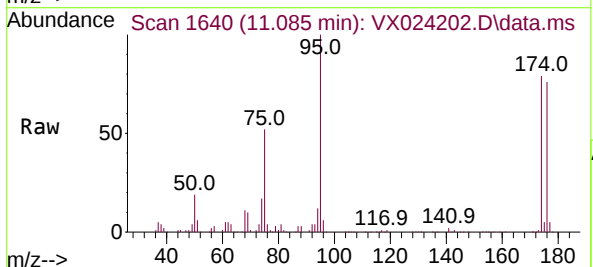
Instrument :
MSVOA_X
ClientSampled :
IBLK

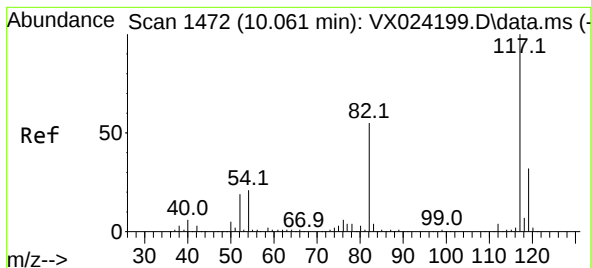
Tgt Ion:107 Resp: 524
Ion Ratio Lower Upper
107 100
109 82.3 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 45.160 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 95 Resp: 98225
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 76.3 0.0 155.8

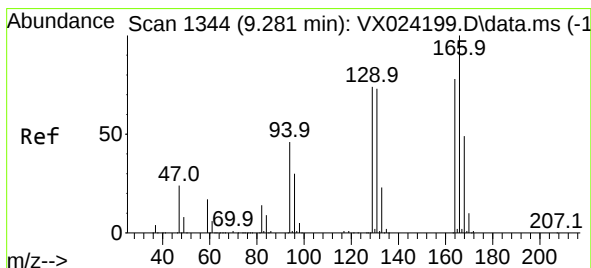
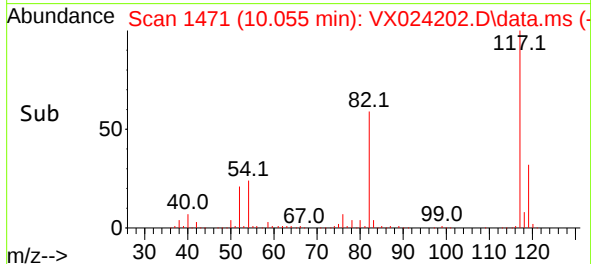
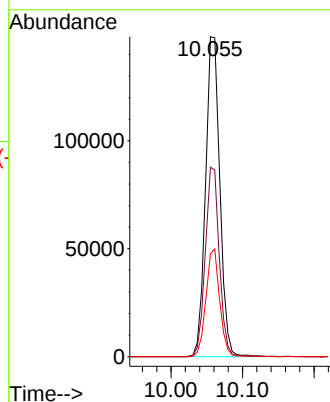
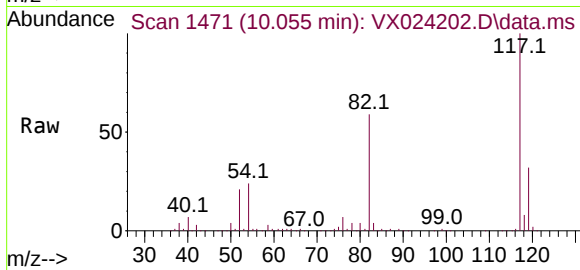




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

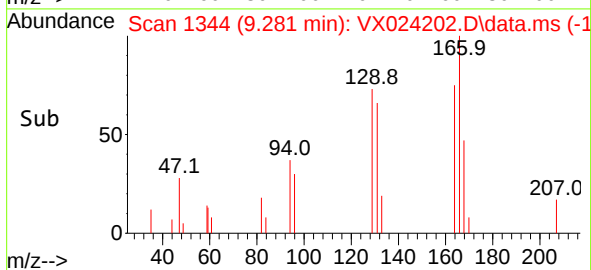
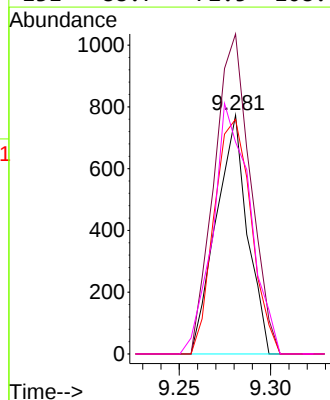
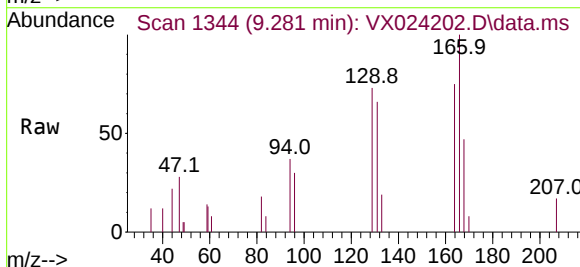
Instrument :
MSVOA_X
ClientSampled :
IBLK

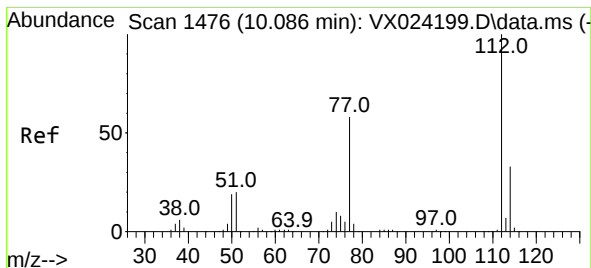
Tgt Ion:117 Resp: 206317
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 0.577 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion:164 Resp: 922
Ion Ratio Lower Upper
164 100
166 134.0 103.4 155.2
129 98.3 70.8 106.2
131 88.7 72.5 108.7

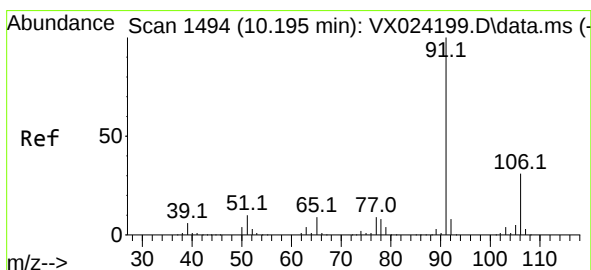
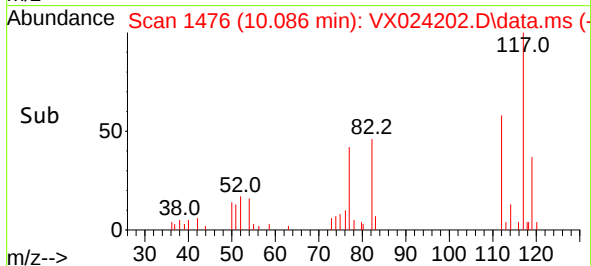
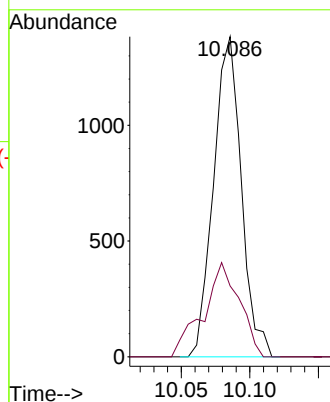
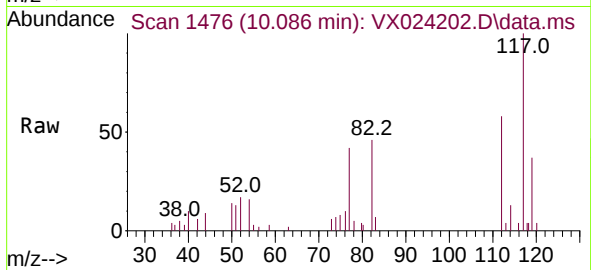




#65
Chlorobenzene
Concen: 0.458 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

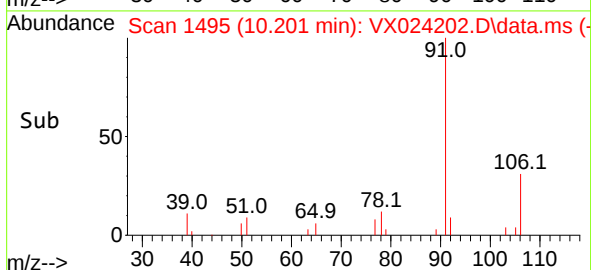
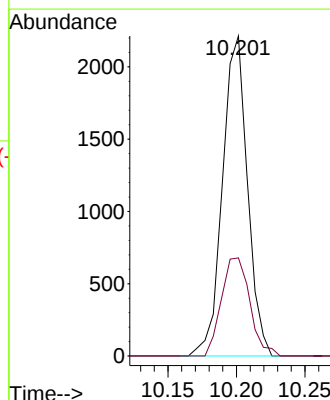
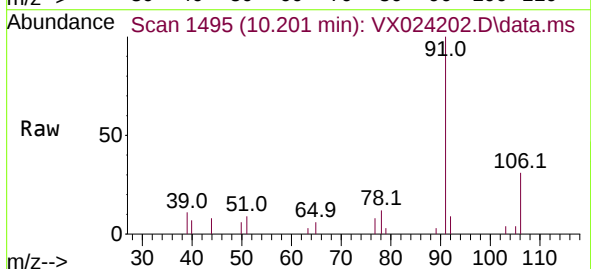
Instrument :
MSVOA_X
ClientSampled :
IBLK

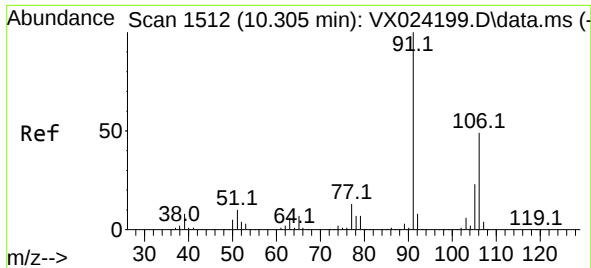
Tgt Ion:112 Resp: 1946
Ion Ratio Lower Upper
112 100
114 22.1 25.8 38.6#



#67
Ethyl Benzene
Concen: 0.378 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 91 Resp: 2805
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0

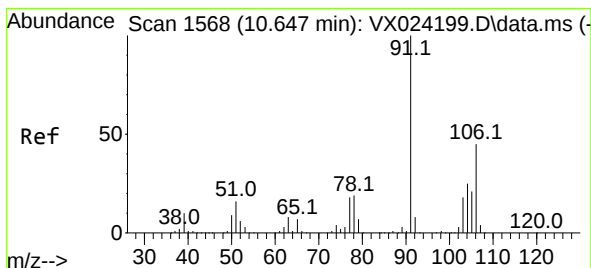
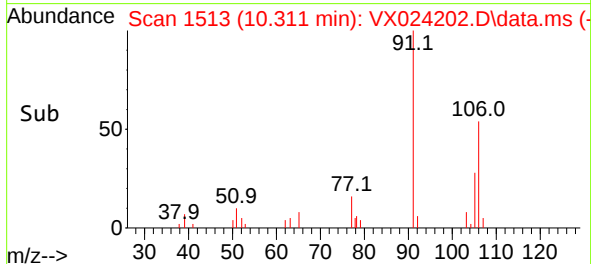
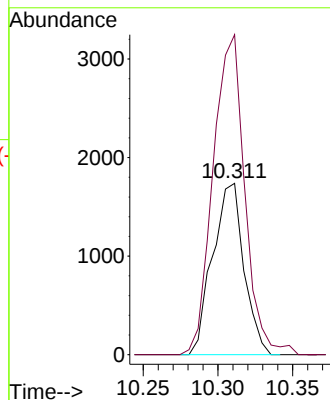
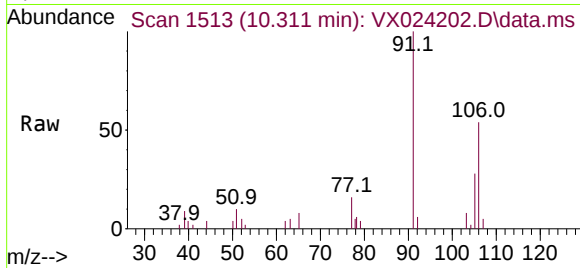




#68
m/p-Xylenes
Concen: 0.890 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

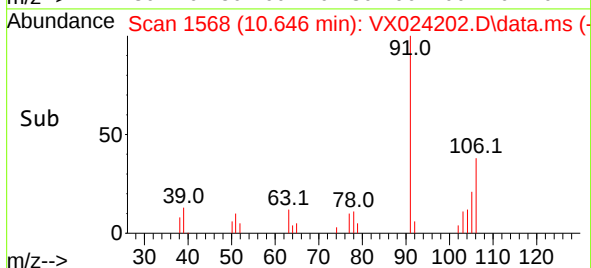
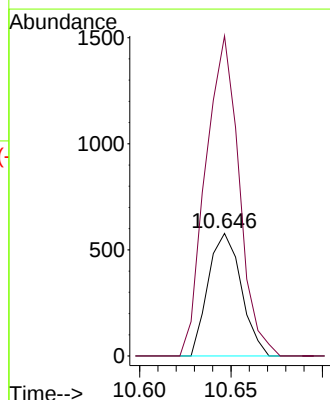
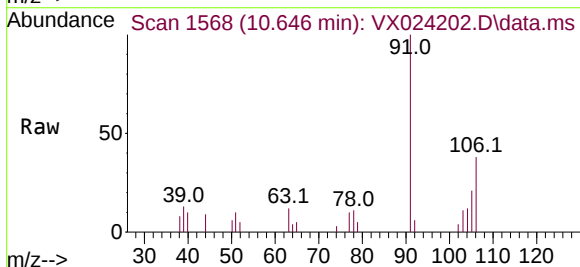
Instrument :
MSVOA_X
ClientSampled :
IBLK

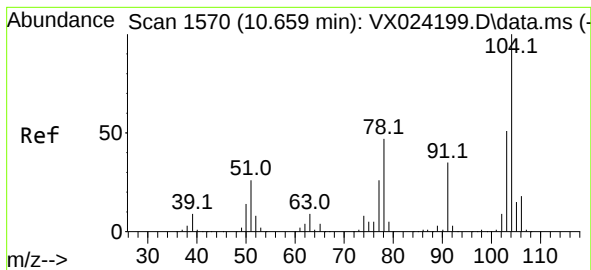
Tgt Ion:106 Resp: 2531
Ion Ratio Lower Upper
106 100
91 189.4 162.8 244.2



#69
o-Xylene
Concen: 0.257 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion:106 Resp: 730
Ion Ratio Lower Upper
106 100
91 263.6 108.1 324.2





#70

Styrene

Concen: 0.356 ug/l

RT: 10.659 min Scan# 1570

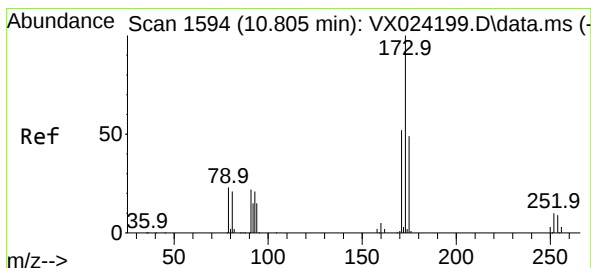
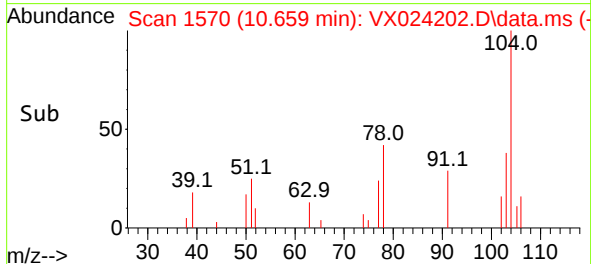
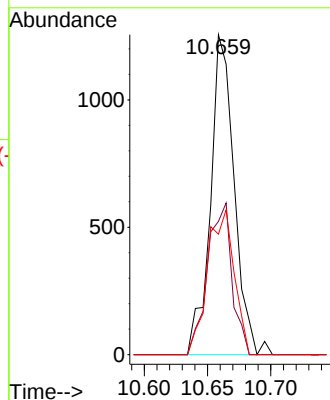
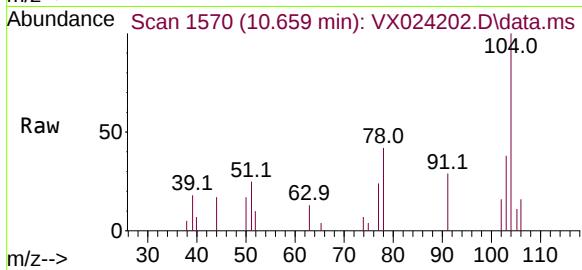
Delta R.T. -0.000 min

Lab File: VX024202.D

Acq: 14 Sep 2021 12:11

Tgt Ion:	104	Resp:	1640
Ion	Ratio	Lower	Upper
104	100		
78	48.5	40.0	60.0
103	50.8	43.4	65.0

Instrument :
MSVOA_X
ClientSampleId :
IBLK



#71

Bromoform

Concen: 1.227 ug/l

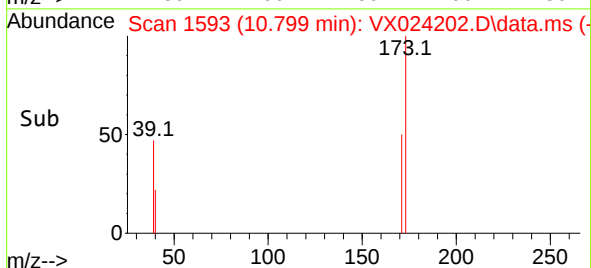
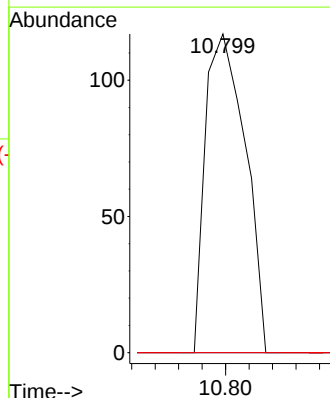
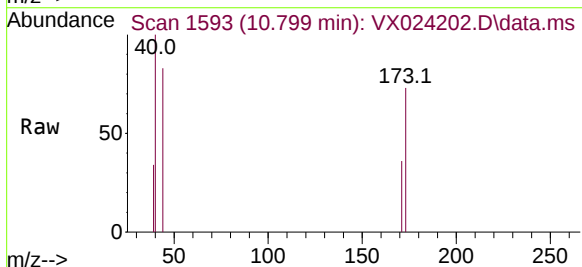
RT: 10.799 min Scan# 1593

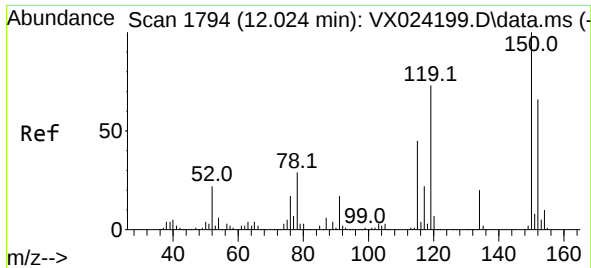
Delta R.T. -0.006 min

Lab File: VX024202.D

Acq: 14 Sep 2021 12:11

Tgt Ion:	173	Resp:	138
Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.9	71.8#
254	0.0	0.1	0.1#

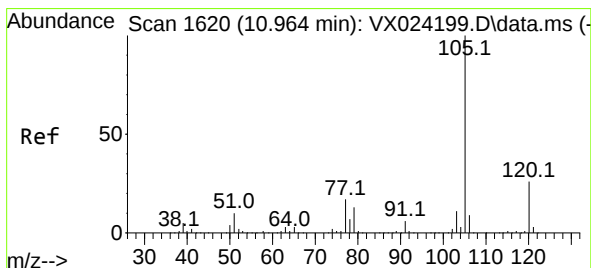
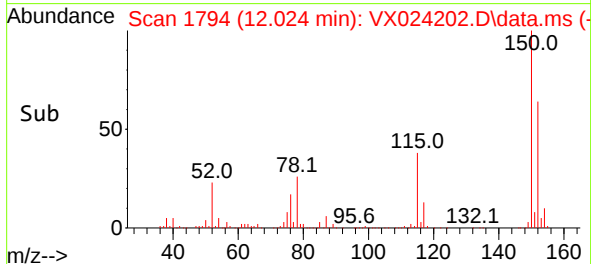
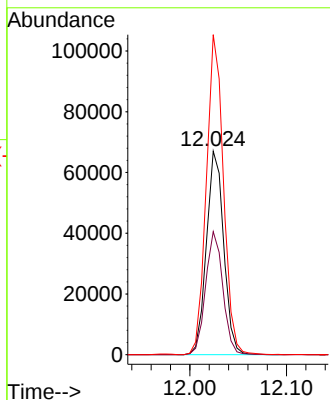
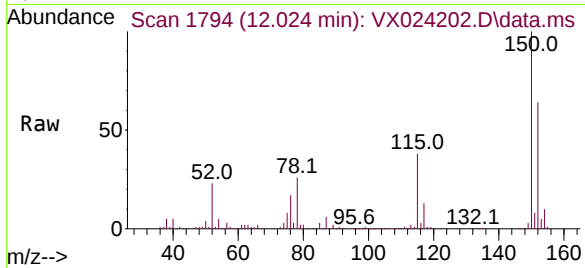




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

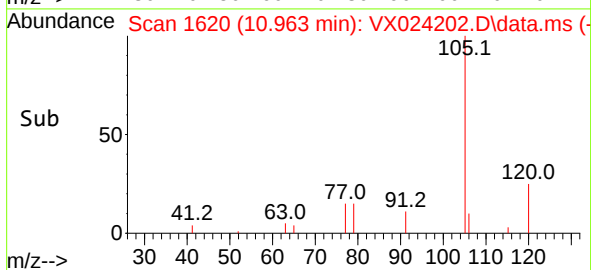
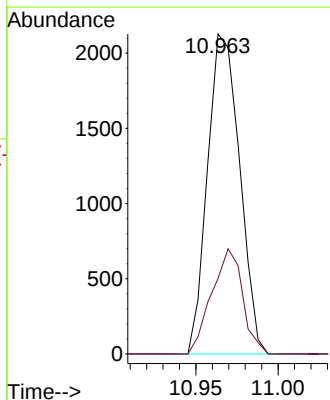
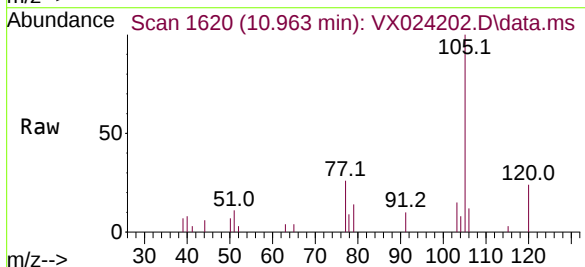
Instrument :
MSVOA_X
ClientSampled :
IBLK

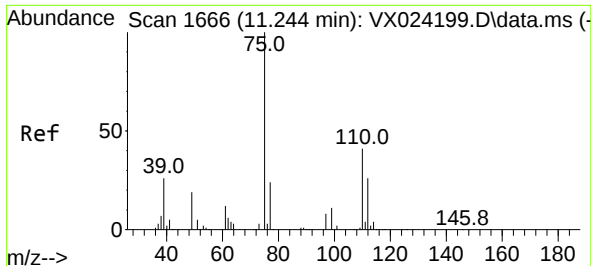
Tgt Ion:152 Resp: 83415
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 155.4 0.0 349.0



#73
Isopropylbenzene
Concen: 0.466 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion:105 Resp: 2893
Ion Ratio Lower Upper
105 100
120 31.6 13.2 39.6

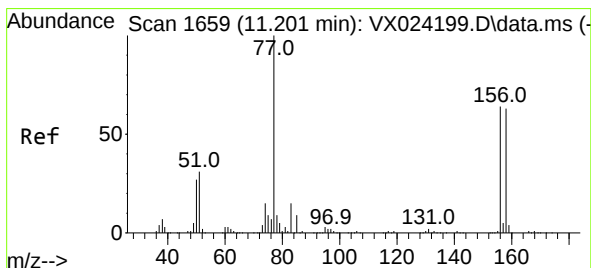
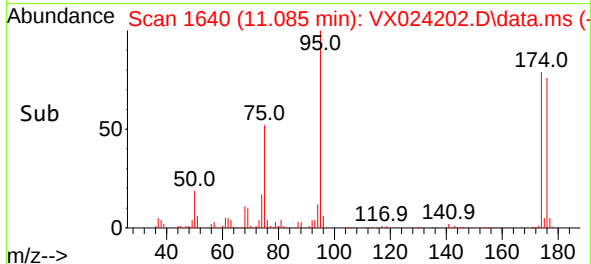
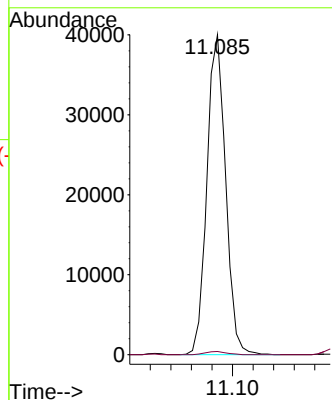
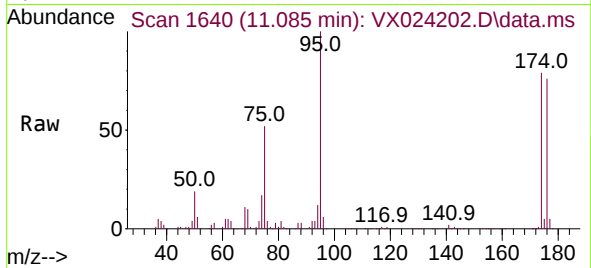




#76
1,2,3-Trichloropropane
Concen: 26.407 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

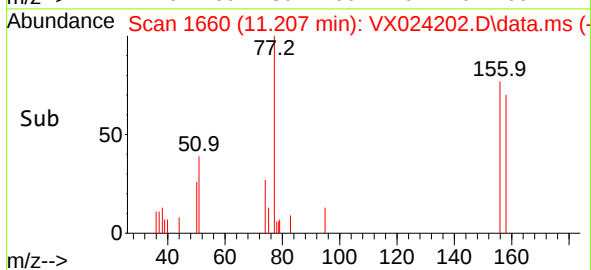
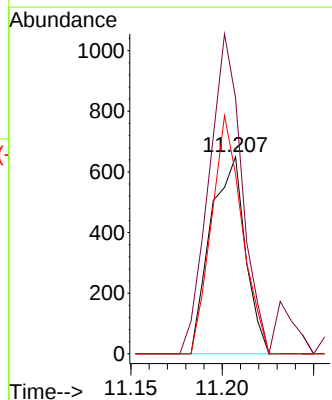
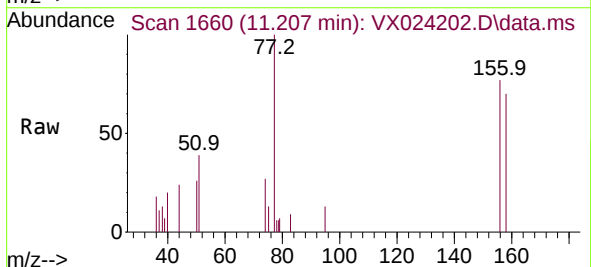
Instrument :
MSVOA_X
ClientSampled :
IBLK

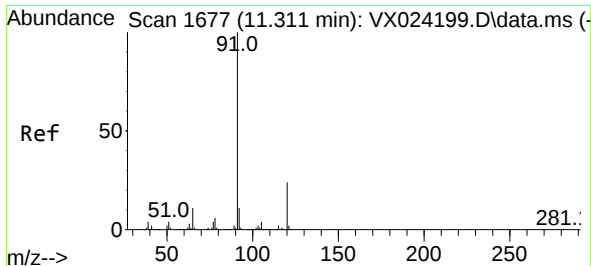
Tgt Ion: 75 Resp: 50650
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#77
Bromobenzene
Concen: 0.548 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.006 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion:156 Resp: 856
Ion Ratio Lower Upper
156 100
77 155.3 82.8 248.6
158 106.9 49.1 147.4

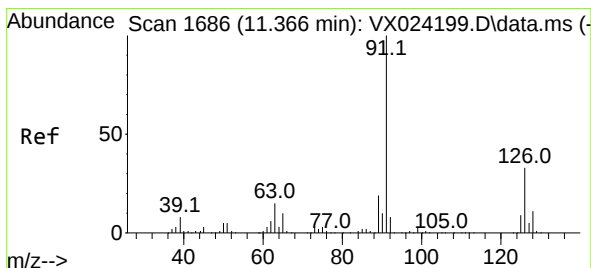
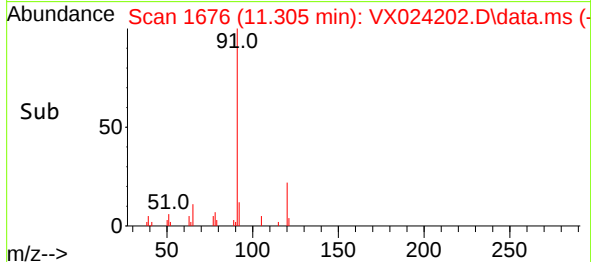
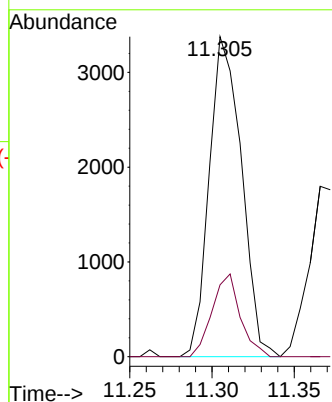
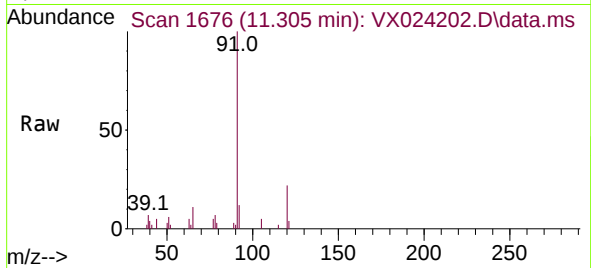




#78
n-propylbenzene
Concen: 0.656 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

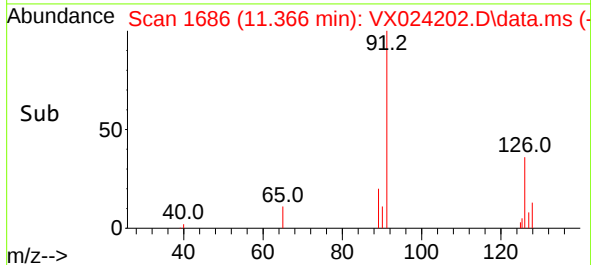
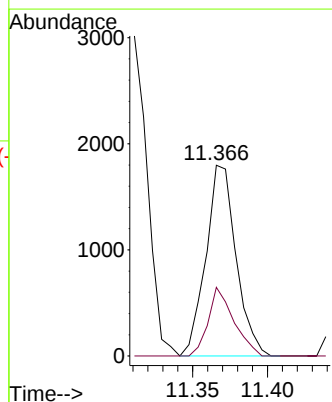
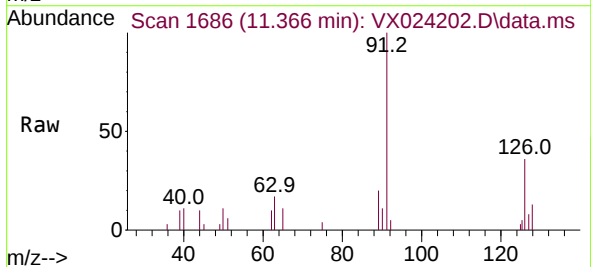
Instrument :
MSVOA_X
ClientSampled :
IBLK

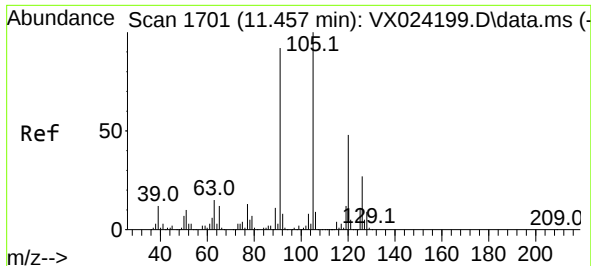
Tgt Ion: 91 Resp: 4605
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.5



#79
2-Chlorotoluene
Concen: 0.581 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 91 Resp: 2531
Ion Ratio Lower Upper
91 100
126 30.3 16.6 49.8

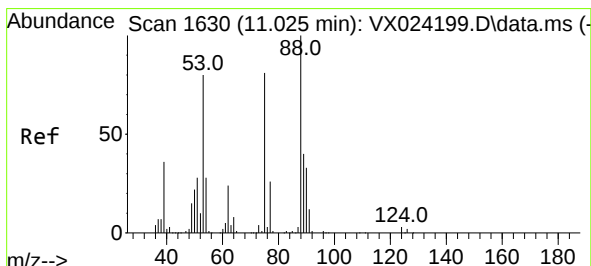
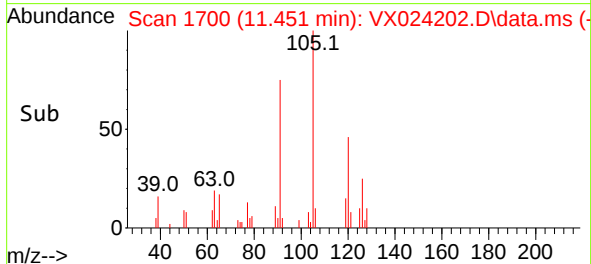
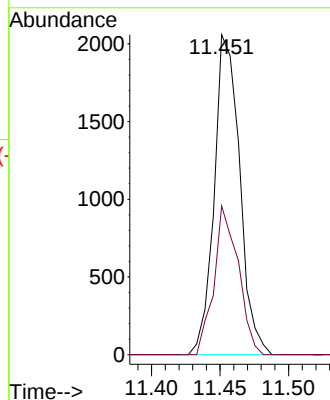
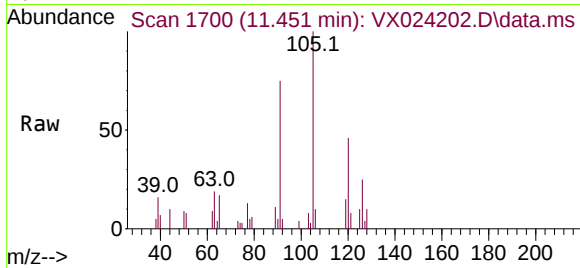




#80
1,3,5-Trimethylbenzene
Concen: 0.507 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

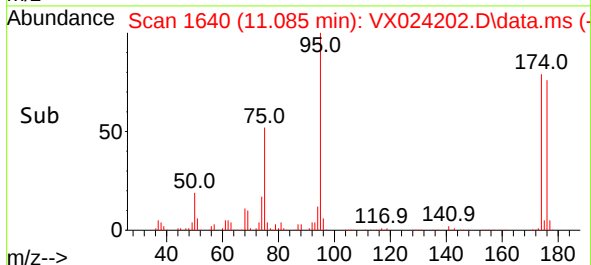
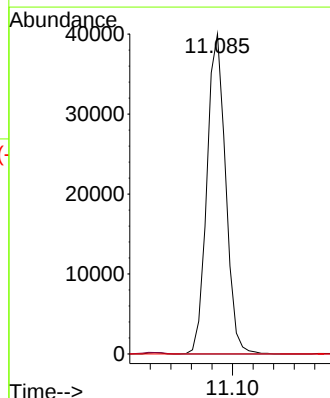
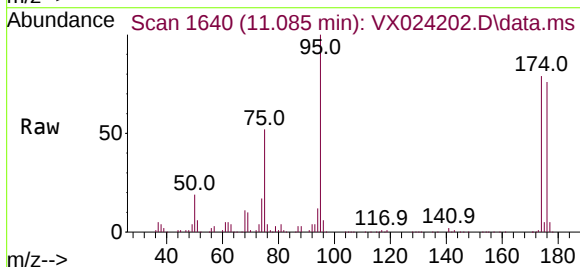
Instrument :
MSVOA_X
ClientSampled :
IBLK

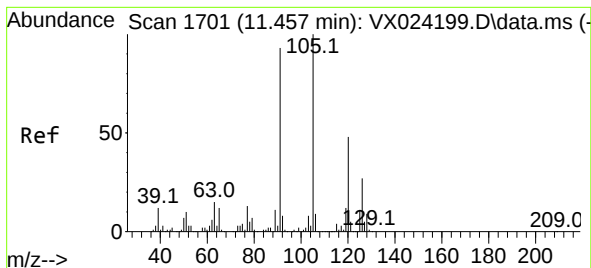
Tgt Ion:105 Resp: 2655
Ion Ratio Lower Upper
105 100
120 44.3 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 77.663 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 75 Resp: 50650
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

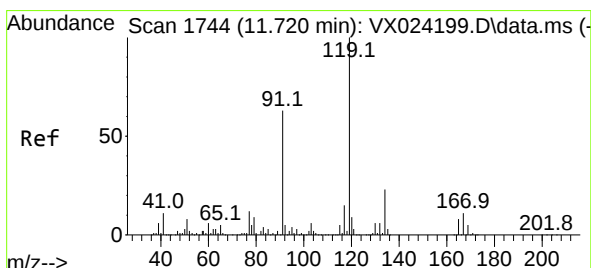
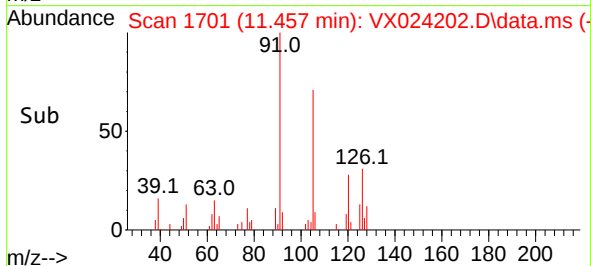
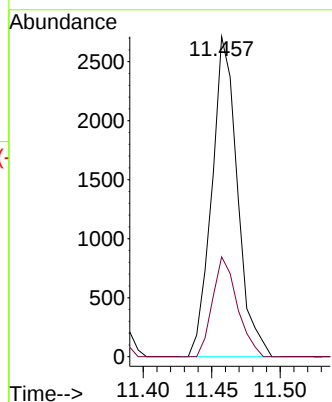
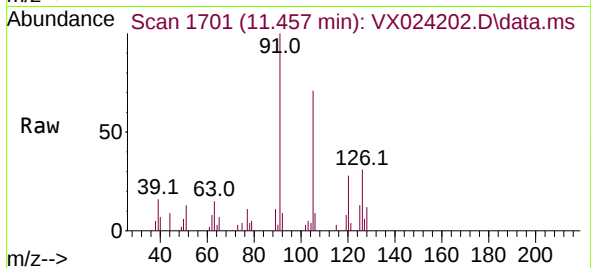




#82
4-Chlorotoluene
Concen: 0.711 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

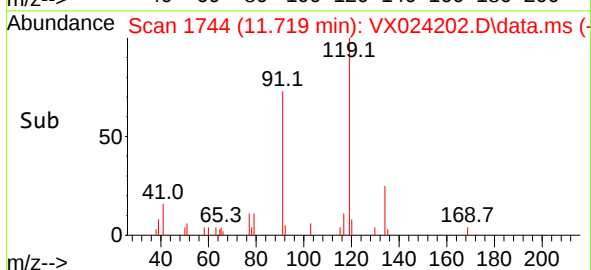
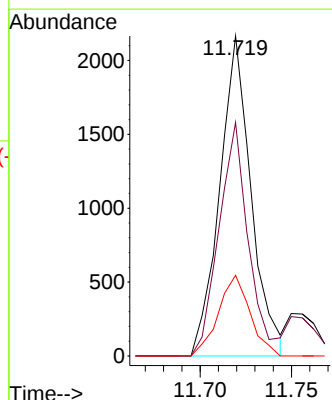
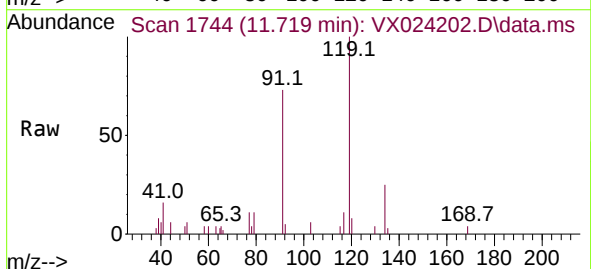
Instrument :
MSVOA_X
ClientSampled :
IBLK

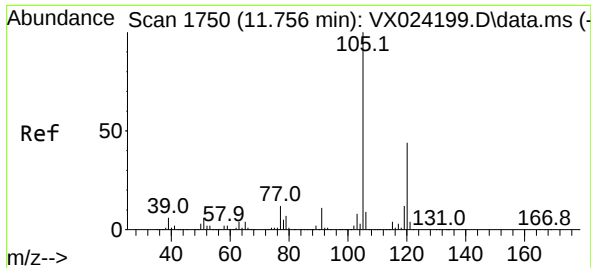
Tgt Ion: 91 Resp: 3527
Ion Ratio Lower Upper
91 100
126 30.0 14.9 44.5



#83
tert-Butylbenzene
Concen: 0.513 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. -0.001 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 119 Resp: 2592
Ion Ratio Lower Upper
119 100
91 68.7 27.9 83.7
134 25.4 11.3 33.9

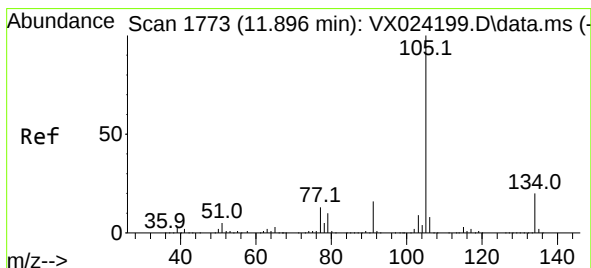
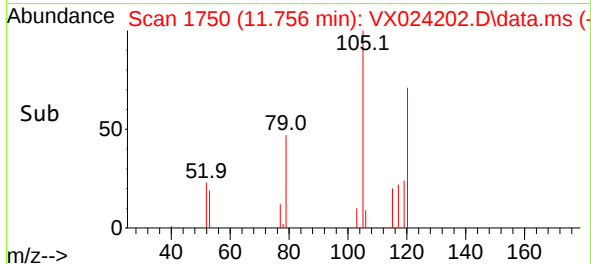
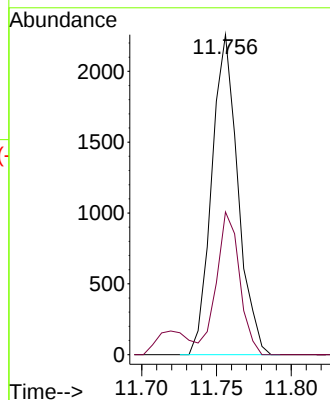
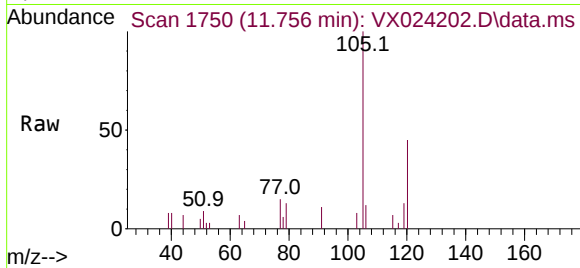




#84
1,2,4-Trimethylbenzene
Concen: 0.533 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

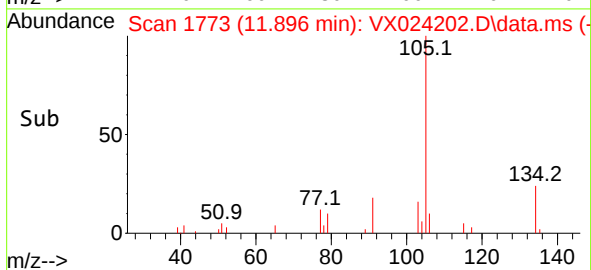
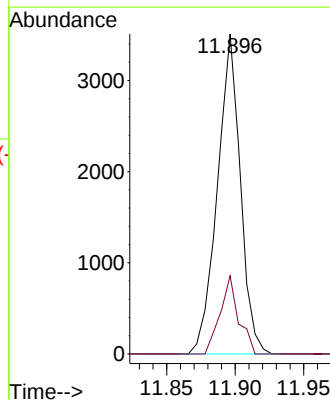
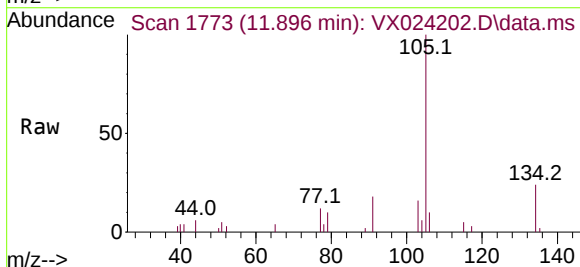
Instrument :
MSVOA_X
ClientSampleId :
IBLK

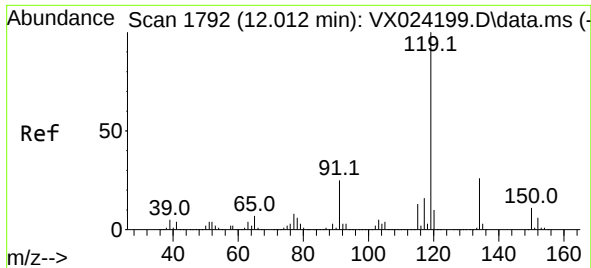
Tgt Ion:105 Resp: 2746
Ion Ratio Lower Upper
105 100
120 39.1 22.4 67.3



#85
sec-Butylbenzene
Concen: 0.644 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion:105 Resp: 4078
Ion Ratio Lower Upper
105 100
134 19.6 10.0 29.8

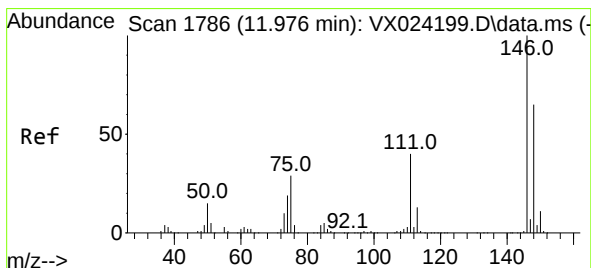
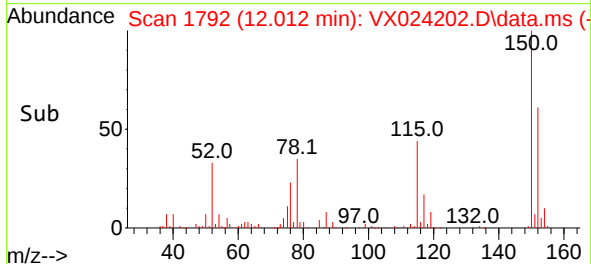
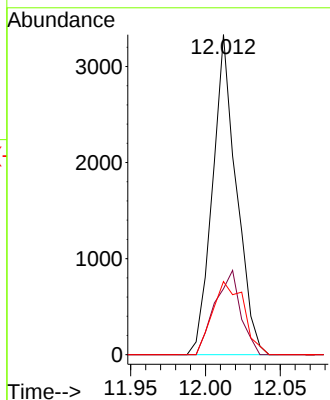
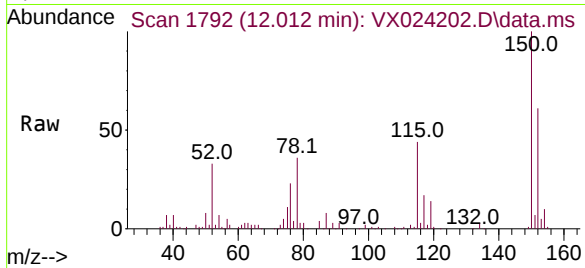




#86
p-Isopropyltoluene
Concen: 0.696 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

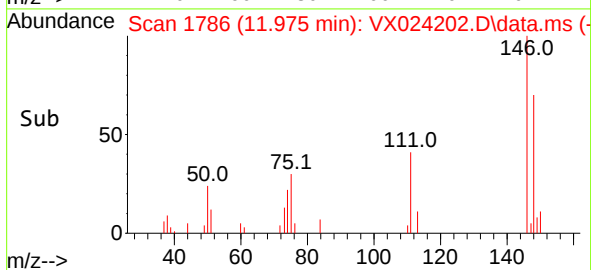
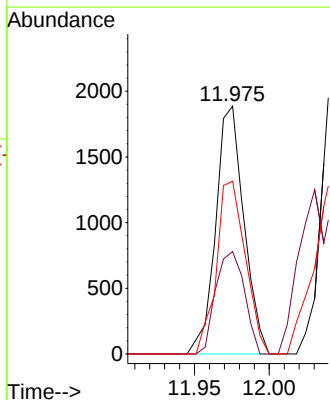
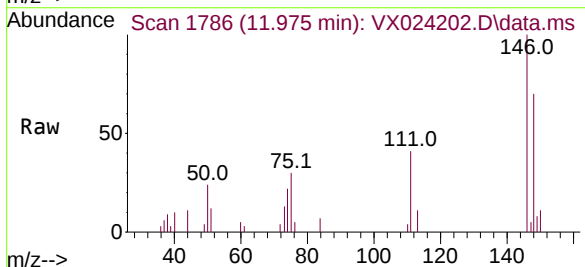
Instrument :
MSVOA_X
ClientSampled :
IBLK

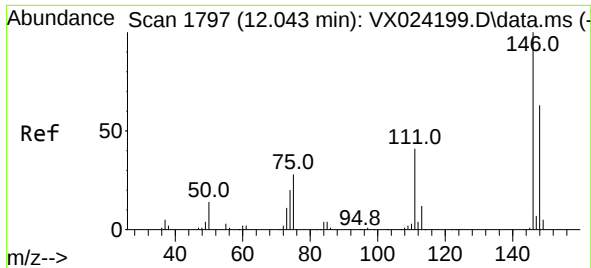
Tgt Ion:	119	Resp:	3700
Ion	Ratio	Lower	Upper
119	100		
134	28.4	12.9	38.7
91	30.0	11.7	35.0



#87
1,3-Dichlorobenzene
Concen: 0.886 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.001 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion:	146	Resp:	2477
Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.2	60.5
148	71.5	31.9	95.7

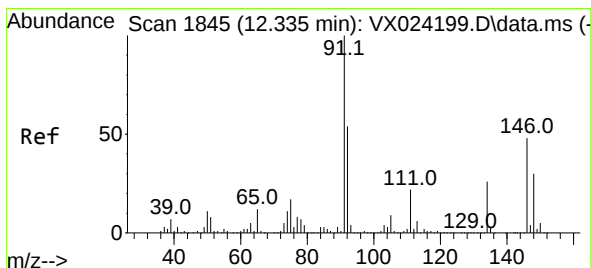
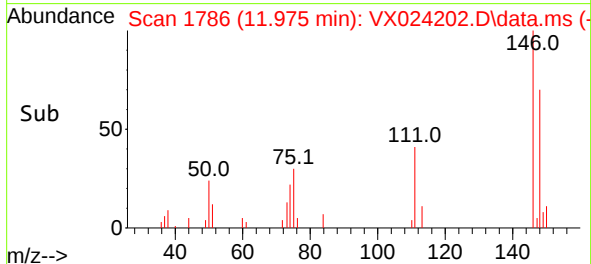
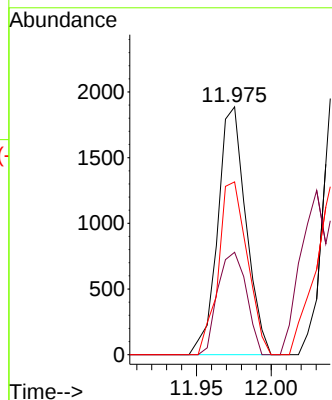
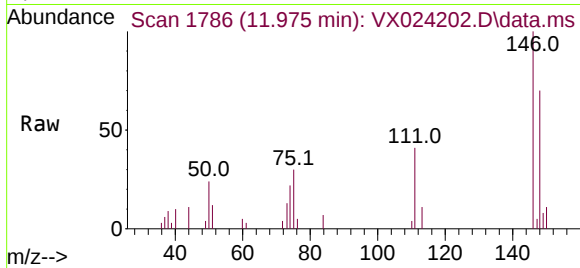




#88
1,4-Dichlorobenzene
Concen: 0.868 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.068 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

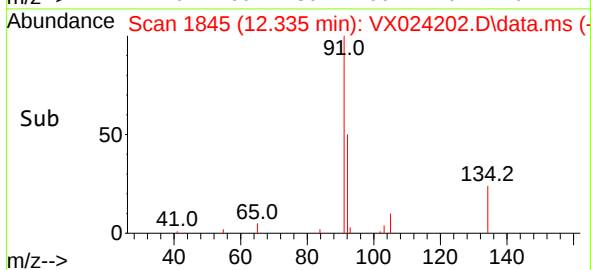
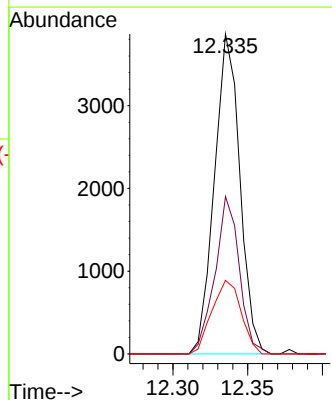
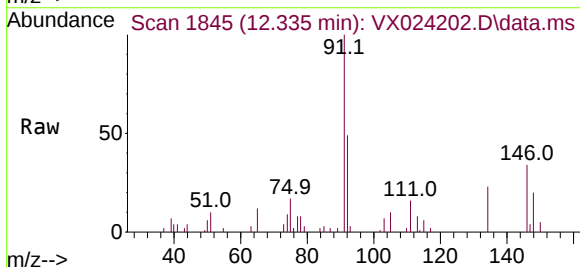
Instrument :
MSVOA_X
ClientSampled :
IBLK

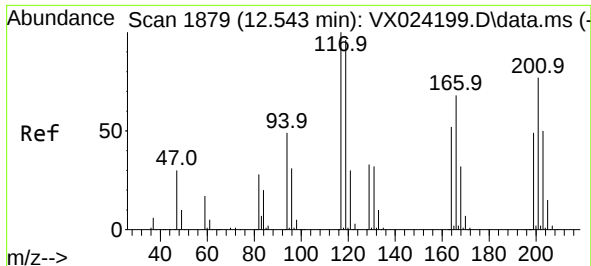
Tgt Ion:146 Resp: 2477
Ion Ratio Lower Upper
146 100
111 42.0 19.6 58.8
148 71.5 31.6 95.0



#89
n-Butylbenzene
Concen: 0.993 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion: 91 Resp: 4568
Ion Ratio Lower Upper
91 100
92 47.2 27.4 82.0
134 26.4 13.2 39.5

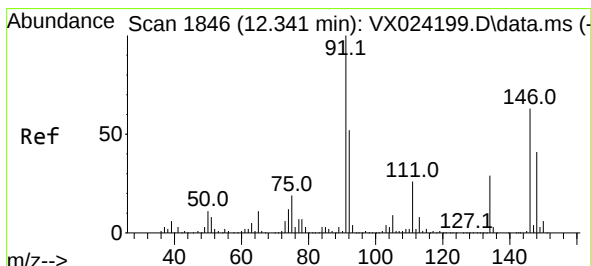
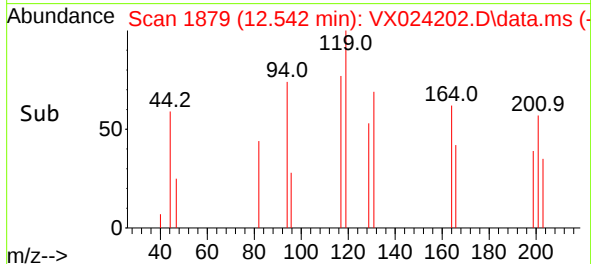
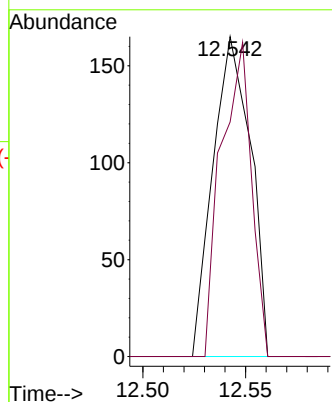
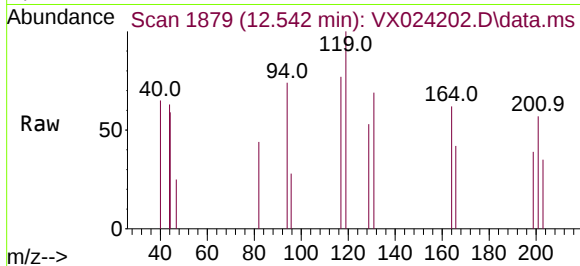




#90
Hexachloroethane
Concen: 0.245 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. -0.001 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

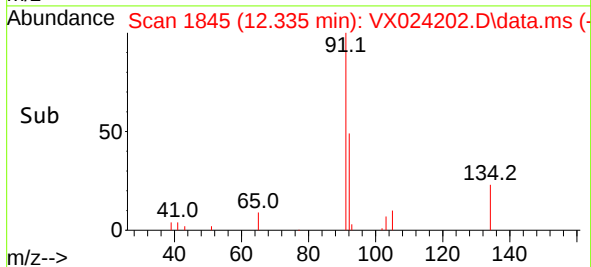
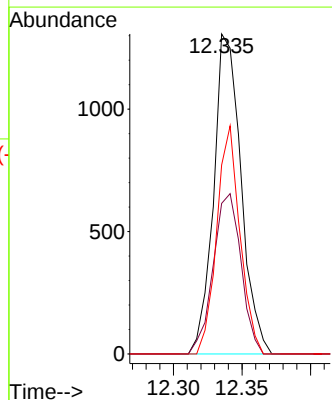
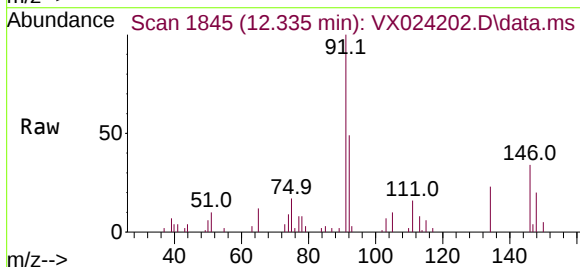
Instrument :
MSVOA_X
ClientSampled :
IBLK

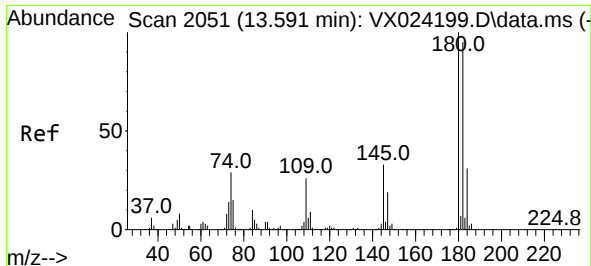
Tgt Ion:117 Resp: 210
Ion Ratio Lower Upper
117 100
201 79.0 40.4 121.2



#91
1,2-Dichlorobenzene
Concen: 0.663 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion:146 Resp: 1819
Ion Ratio Lower Upper
146 100
111 50.9 20.8 62.2
148 60.1 31.9 95.5

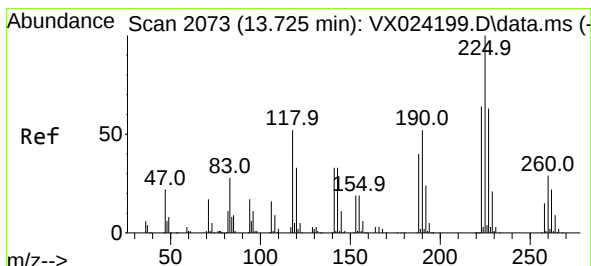
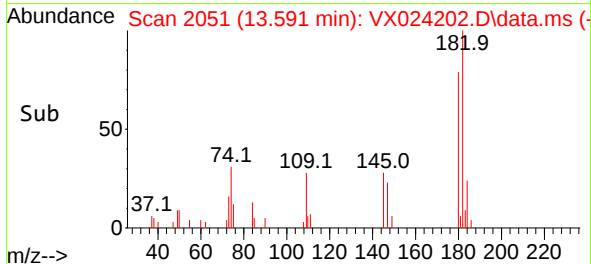
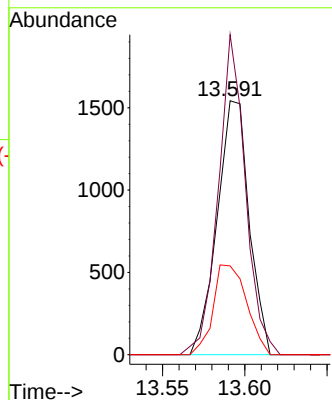
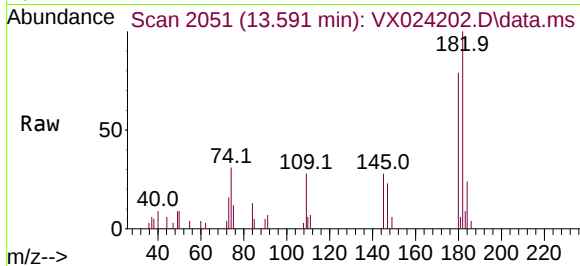




#93
1,2,4-Trichlorobenzene
Concen: 1.292 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

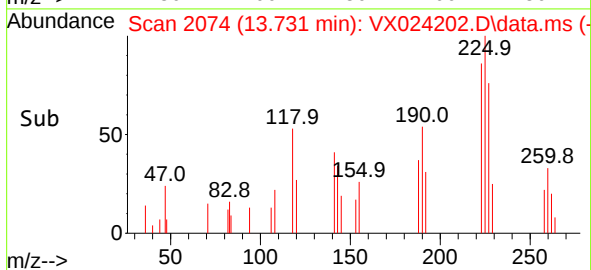
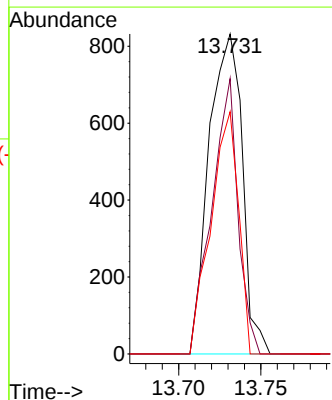
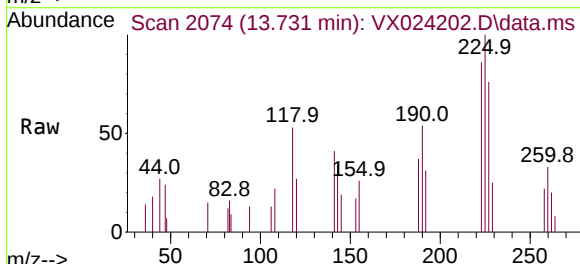
Instrument :
MSVOA_X
ClientSampled :
IBLK

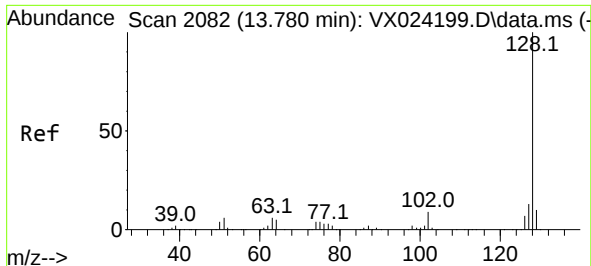
Tgt Ion:180 Resp: 2089
Ion Ratio Lower Upper
180 100
182 106.8 47.7 143.1
145 37.1 15.0 45.0



#94
Hexachlorobutadiene
Concen: 1.448 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

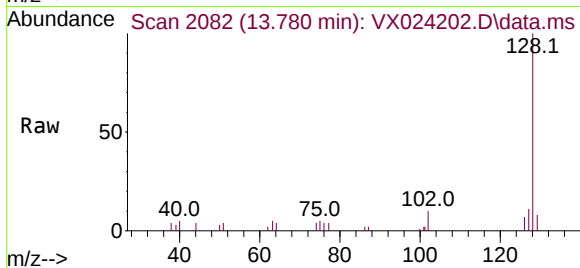
Tgt Ion:225 Resp: 1169
Ion Ratio Lower Upper
225 100
223 68.0 31.1 93.2
227 63.0 31.6 95.0



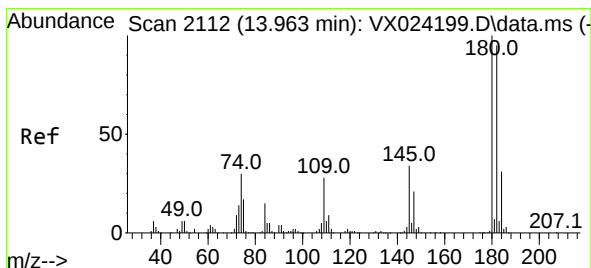
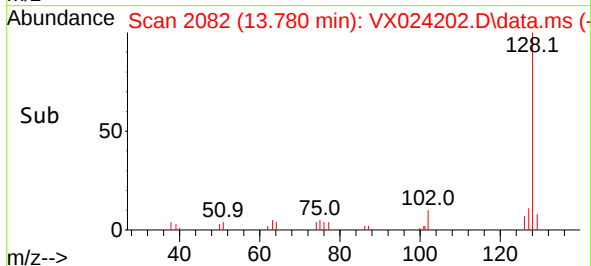
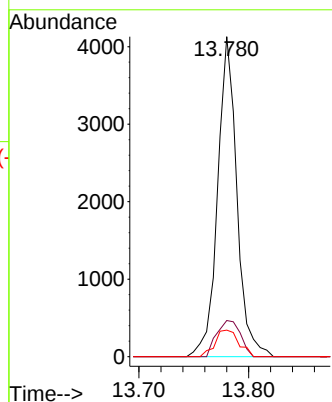


#95
Naphthalene
Concen: 2.112 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Instrument :
MSVOA_X
ClientSampled :
IBLK



Tgt Ion:	128	Resp:	5049
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.3	15.5
129	10.3	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.148 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX024202.D
Acq: 14 Sep 2021 12:11

Tgt Ion:	180	Resp:	1871
Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.9
145	37.4	16.1	48.3

