

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027488.D
 Acq On : 17 Mar 2022 14:33
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 18 02:03:16 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	364105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	582004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	518013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	216533	48.275	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.540%
35) Dibromofluoromethane	5.391	113	192736	51.472	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.940%
50) Toluene-d8	8.653	98	679124	47.928	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.860%
62) 4-Bromofluorobenzene	11.085	95	243800	46.811	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	1461	0.418	ug/l	94
3) Chloromethane	1.294	50	1717	0.553	ug/l	98
4) Vinyl Chloride	1.374	62	1037	0.289	ug/l #	78
5) Bromomethane	1.611	94	2179	Below Cal		98
6) Chloroethane	1.685	64	528	0.240	ug/l #	85
7) Trichlorofluoromethane	1.886	101	1802	0.305	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	1591	0.452	ug/l	91
10) Methyl Iodide	2.459	142	4978	1.067	ug/l #	89
11) Tert butyl alcohol	2.965	59	190	0.222	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	1368	0.405	ug/l	85
13) Acrolein	2.239	56	881	1.328	ug/l #	72
14) Allyl chloride	2.666	41	1215	0.230	ug/l #	71
15) Acrylonitrile	3.069	53	2110	1.086	ug/l	92
16) Acetone	2.380	43	2572	1.407	ug/l #	83
17) Carbon Disulfide	2.514	76	13988	1.626	ug/l	97
18) Methyl Acetate	2.709	43	1099	0.251	ug/l	93
20) Methylene Chloride	2.794	84	1645	0.418	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	2469	0.685	ug/l	97
23) Vinyl Acetate	3.739	43	3399	0.378	ug/l #	92
25) 2-Butanone	4.574	43	1407	0.512	ug/l #	84
27) cis-1,2-Dichloroethene	4.501	96	1393	0.333	ug/l	87
29) Tetrahydrofuran	5.026	42	473	0.268	ug/l #	73
31) Cyclohexane	5.477	56	1913	0.343	ug/l #	95
36) 1,1-Dichloropropene	5.696	75	2389	0.467	ug/l #	82
38) Carbon Tetrachloride	5.690	117	1286	0.220	ug/l	90
39) Methylcyclohexane	7.391	83	2357	0.366	ug/l	95
42) 1,2-Dichloroethane	6.092	62	1189	0.216	ug/l #	73
44) Trichloroethene	7.141	130	1860	0.417	ug/l	75
46) Dibromomethane	7.586	93	744	0.260	ug/l	92
49) 1,4-Dioxane	7.684	88	65	0.623	ug/l #	25
52) Toluene	8.720	92	2221	0.226	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	1299	0.235	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.257	63	1051	Below Cal		99
59) 2-Hexanone	9.445	43	1358	0.337	ug/l	72
64) Tetrachloroethene	9.275	164	1855	0.461	ug/l	87
65) Chlorobenzene	10.079	112	3164	0.297	ug/l	90

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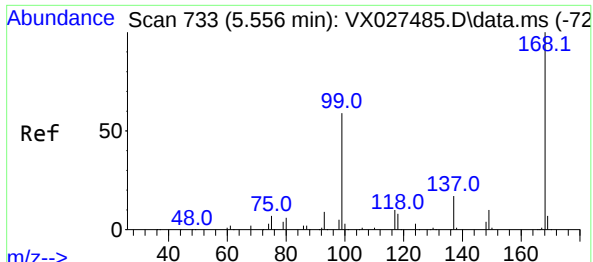
Quant Time: Mar 18 02:03:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	10.195	91	4768	0.261	ug/l	97
68) m/p-Xylenes	10.305	106	4279	0.596	ug/l	98
69) o-Xylene	10.646	106	1489	0.214	ug/l	94
70) Styrene	10.659	104	2928	0.257	ug/l	99
73) Isopropylbenzene	10.963	105	4266	0.253	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	120345	24.887	ug/l #	38
77) Bromobenzene	11.201	156	1442	0.340	ug/l	92
78) n-propylbenzene	11.305	91	7039	0.381	ug/l	97
79) 2-Chlorotoluene	11.372	91	4145	0.357	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	4037	0.285	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	120345	75.582	ug/l #	15
82) 4-Chlorotoluene	11.457	91	6315	0.478	ug/l	95
83) tert-Butylbenzene	11.719	119	3629	0.258	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	4599	0.325	ug/l	97
85) sec-Butylbenzene	11.896	105	5799	0.342	ug/l	97
86) p-Isopropyltoluene	12.012	119	5725	0.393	ug/l #	83
87) 1,3-Dichlorobenzene	11.975	146	4287	0.545	ug/l	94
88) 1,4-Dichlorobenzene	11.975	146	4287	0.539	ug/l	95
89) n-Butylbenzene	12.335	91	6818	0.561	ug/l	90
90) Hexachloroethane	12.536	117	554	0.238	ug/l	73
91) 1,2-Dichlorobenzene	12.341	146	2998	0.390	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	4785	0.972	ug/l	98
94) Hexachlorobutadiene	13.725	225	3474	1.598	ug/l	89
95) Naphthalene	13.780	128	10988	0.686	ug/l	98
96) 1,2,3-Trichlorobenzene	13.969	180	4358	0.875	ug/l	96

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

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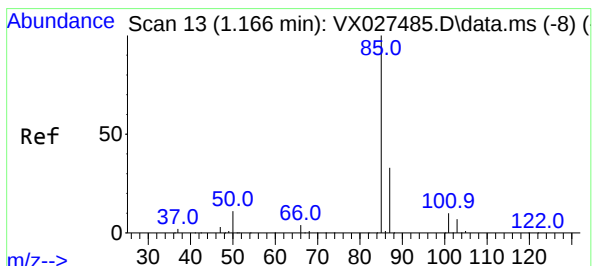
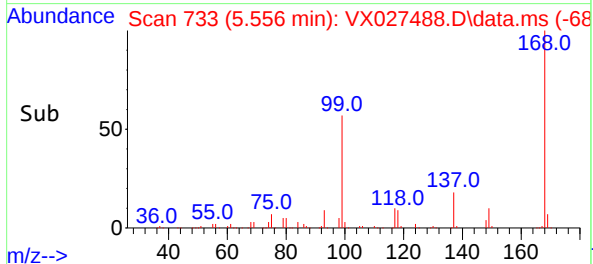
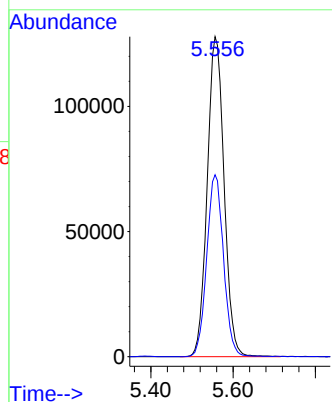
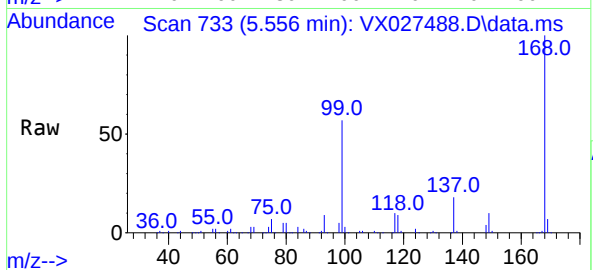




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

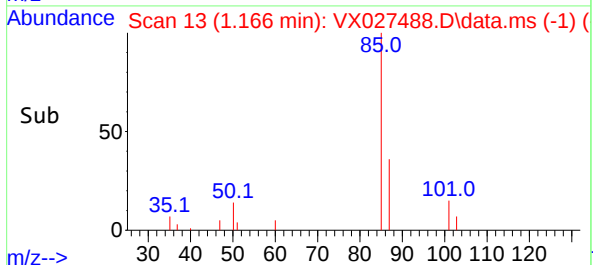
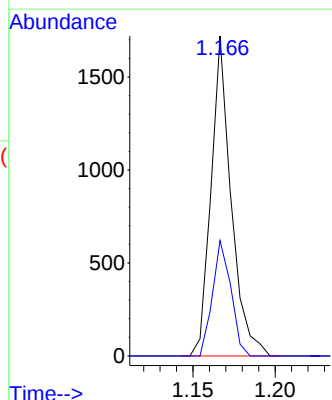
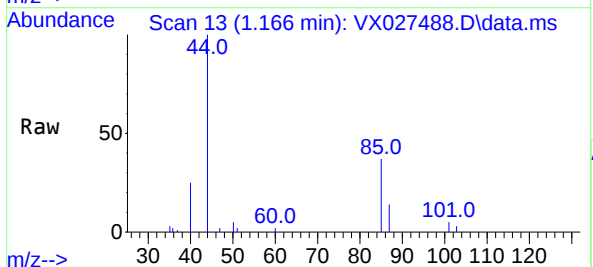
Instrument :
MSVOA_X
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IBLK

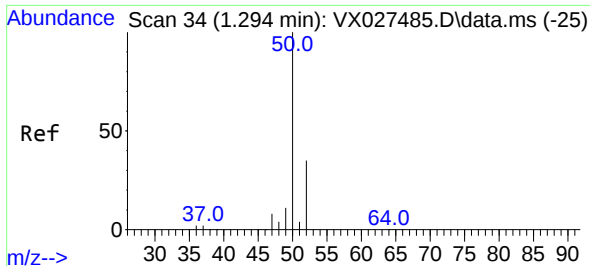
Tgt Ion:168 Resp: 364105
Ion Ratio Lower Upper
168 100
99 56.8 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 0.418 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 85 Resp: 1461
Ion Ratio Lower Upper
85 100
87 36.0 16.2 48.6

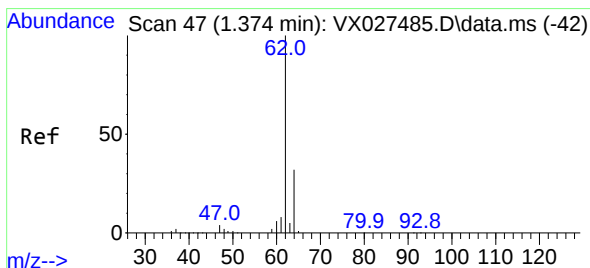
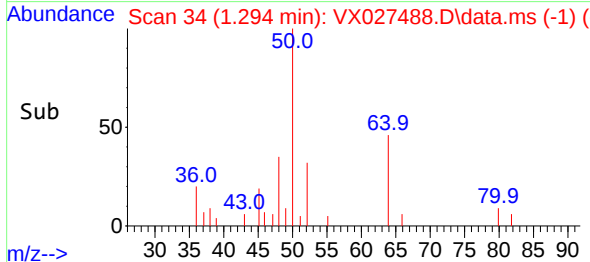
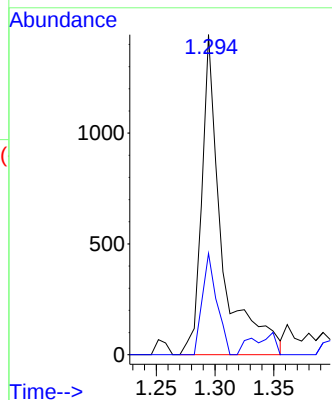
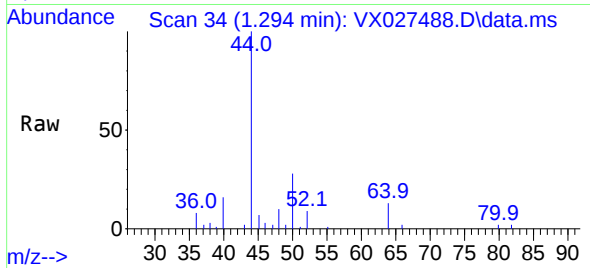




#3
Chloromethane
Concen: 0.553 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

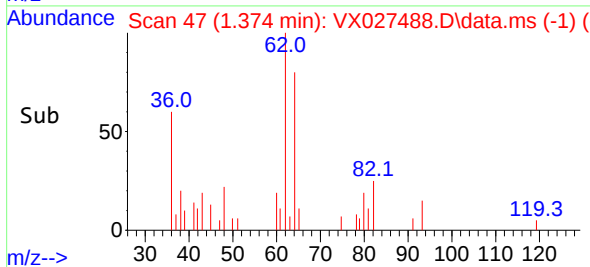
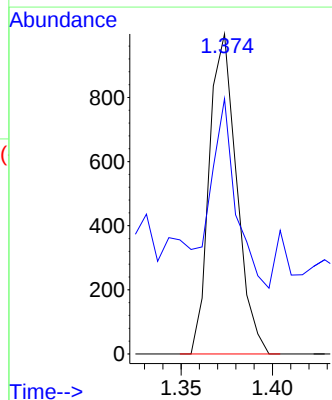
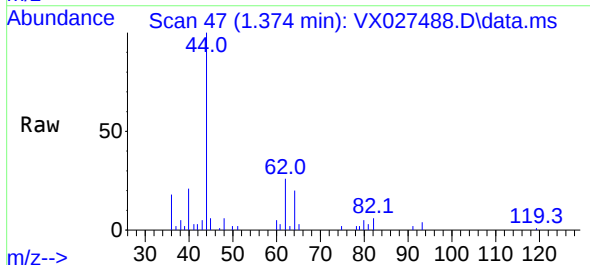
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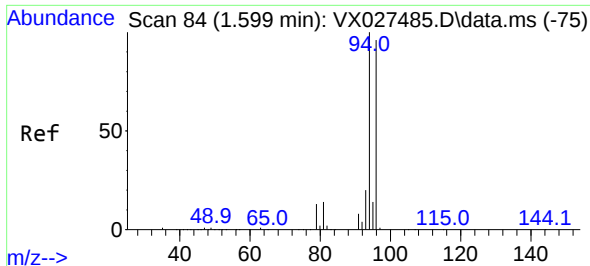
Tgt Ion: 50 Resp: 1717
Ion Ratio Lower Upper
50 100
52 31.6 26.4 39.6



#4
Vinyl Chloride
Concen: 0.289 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 62 Resp: 1037
Ion Ratio Lower Upper
62 100
64 44.1 25.5 38.3#

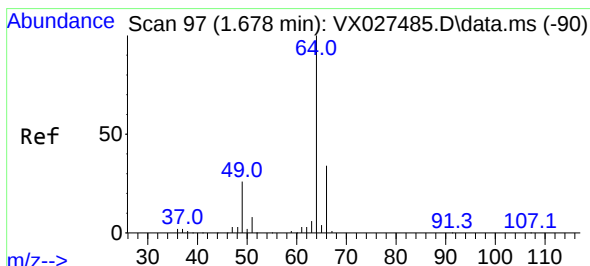
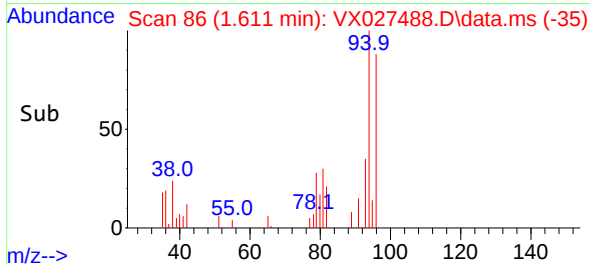
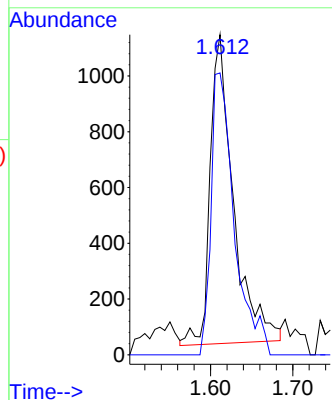
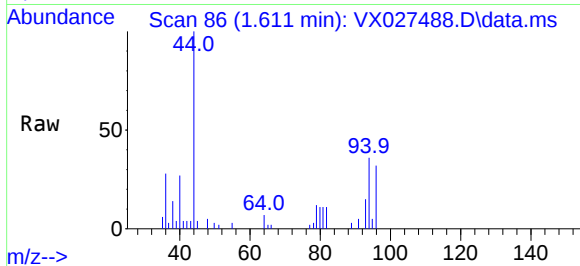




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

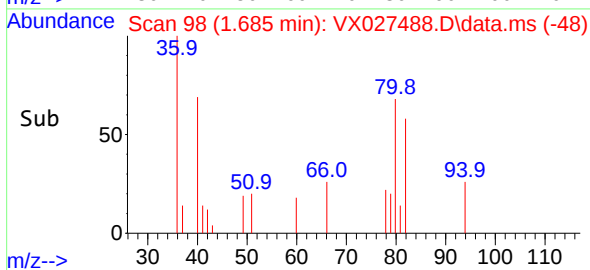
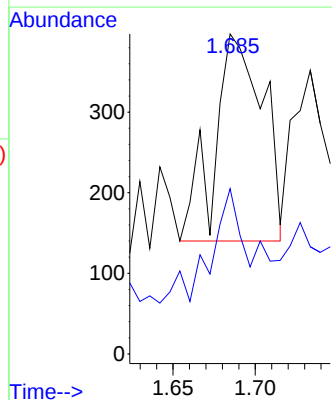
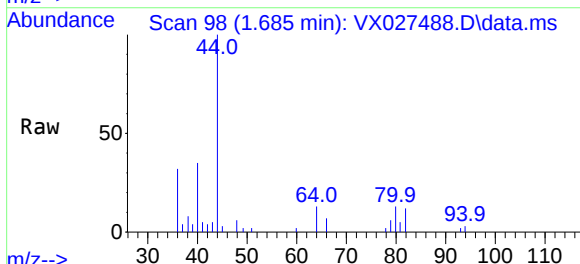
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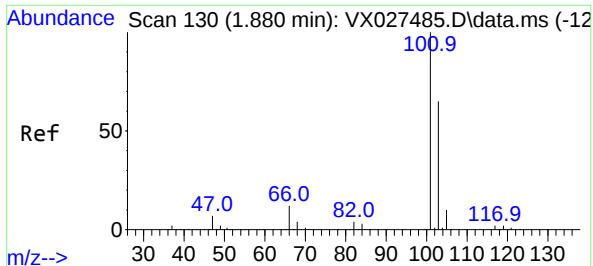
Tgt Ion: 94 Resp: 2179
Ion Ratio Lower Upper
94 100
96 92.2 75.3 112.9



#6
Chloroethane
Concen: 0.240 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 64 Resp: 528
Ion Ratio Lower Upper
64 100
66 39.7 25.3 37.9#

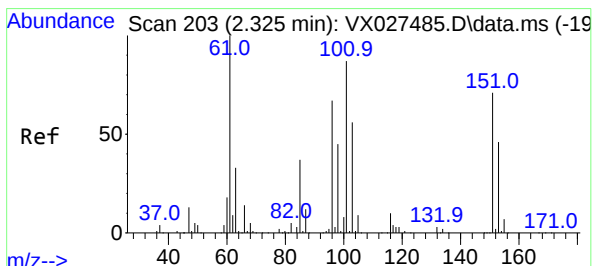
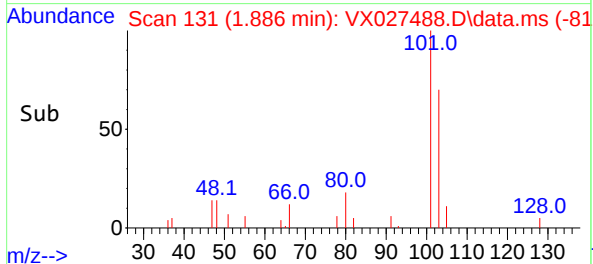
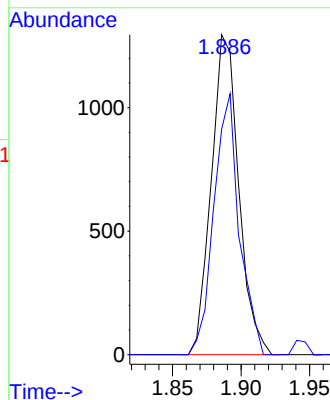
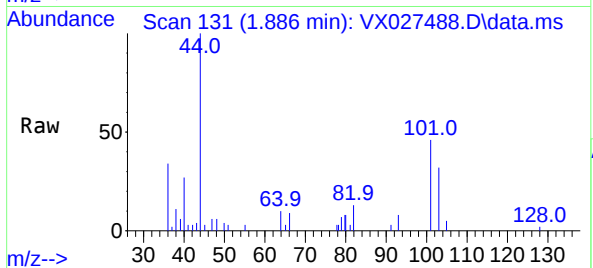




#7
Trichlorofluoromethane
Concen: 0.305 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

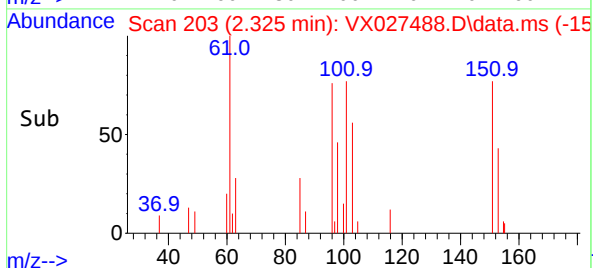
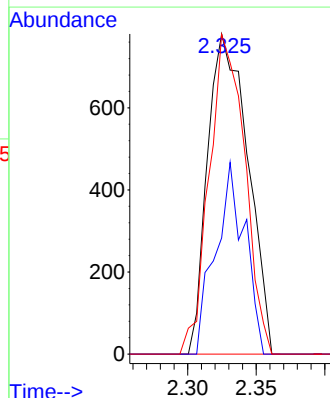
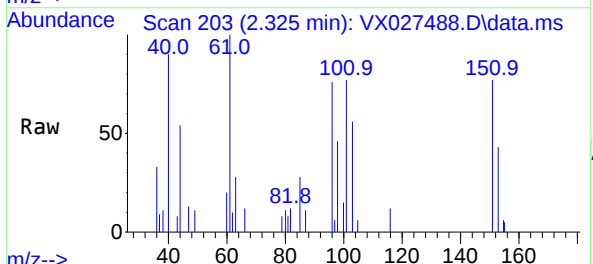
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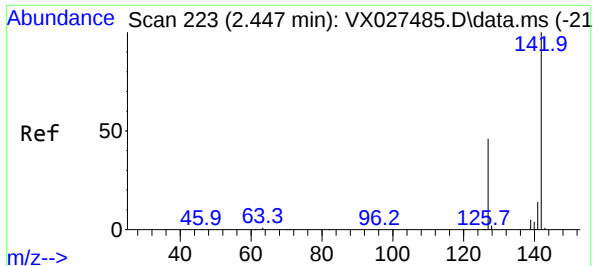
Tgt Ion:101 Resp: 1802
Ion Ratio Lower Upper
101 100
103 70.4 50.5 75.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.452 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion:101 Resp: 1591
Ion Ratio Lower Upper
101 100
85 43.8 33.5 50.3
151 88.4 61.8 92.6

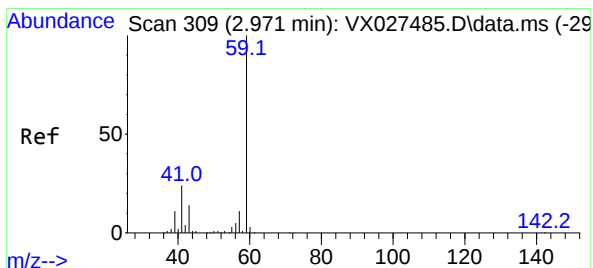
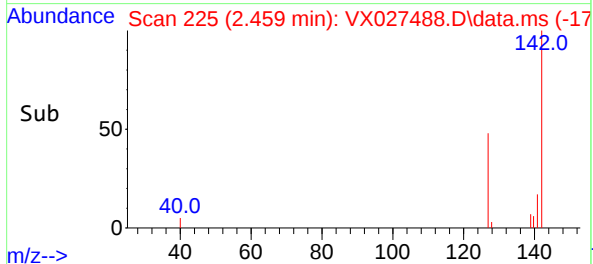
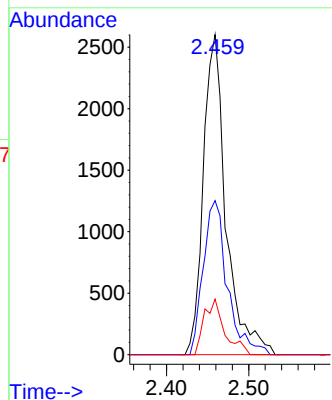
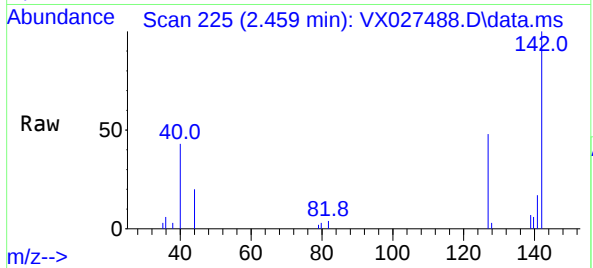




#10
Methyl Iodide
Concen: 1.067 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

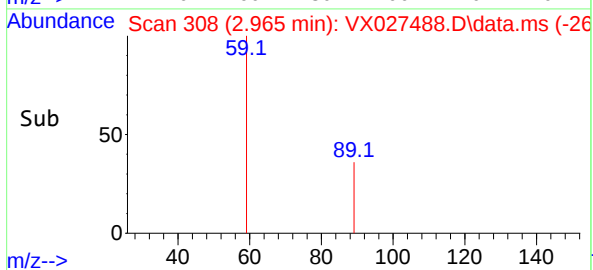
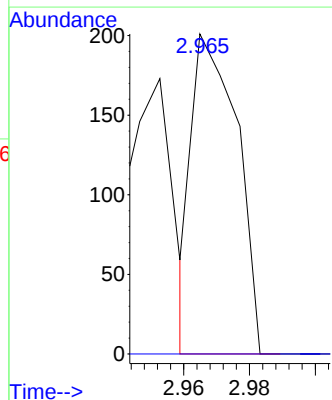
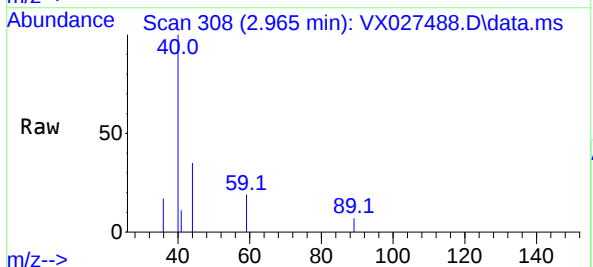
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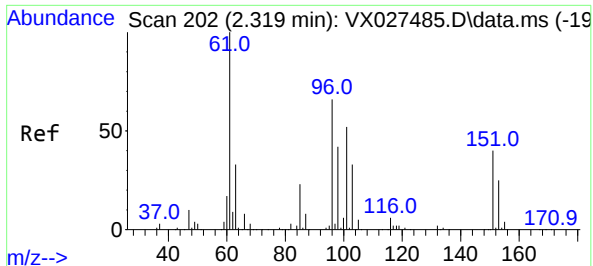
Tgt Ion:142 Resp: 4978
Ion Ratio Lower Upper
142 100
127 51.2 33.9 50.9#
141 15.7 11.4 17.2



#11
Tert butyl alcohol
Concen: 0.222 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 59 Resp: 190
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

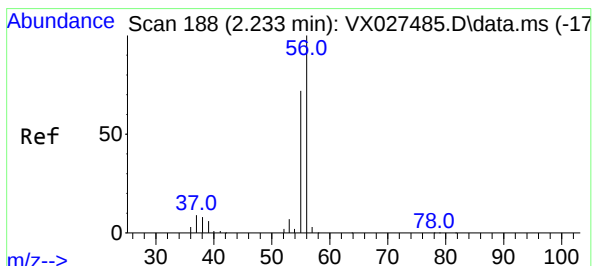
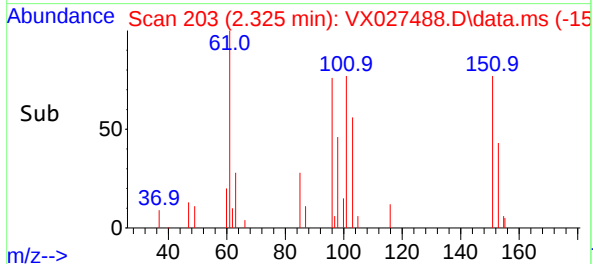
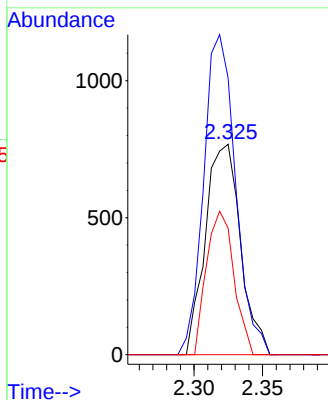
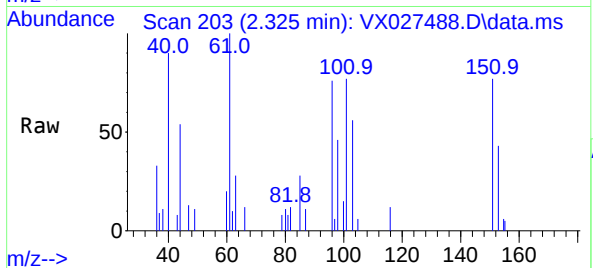




#12
1,1-Dichloroethene
Concen: 0.405 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

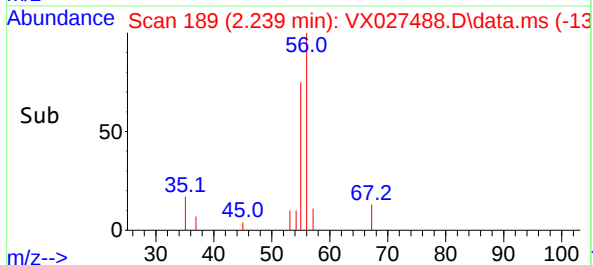
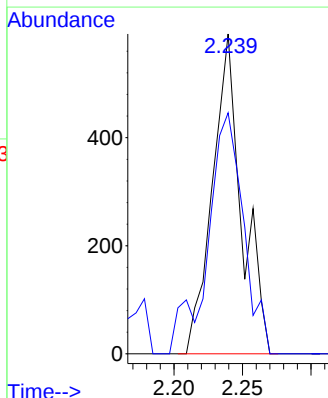
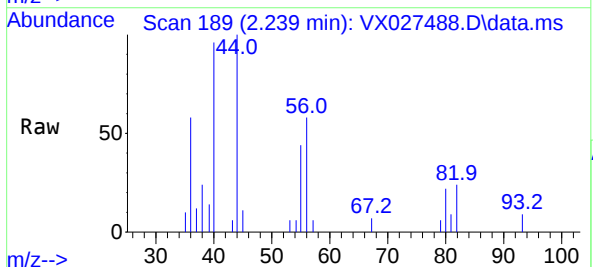
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MSVOA_X
ClientSampleId :
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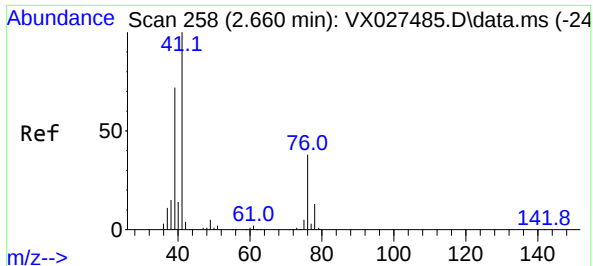
Tgt Ion: 96 Resp: 1368
Ion Ratio Lower Upper
96 100
61 131.5 124.6 187.0
98 60.2 51.0 76.4



#13
Acrolein
Concen: 1.328 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 56 Resp: 881
Ion Ratio Lower Upper
56 100
55 91.8 55.0 82.6#





#14

Allyl chloride

Concen: 0.230 ug/l

RT: 2.666 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX027488.D

Acq: 17 Mar 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

IBLK

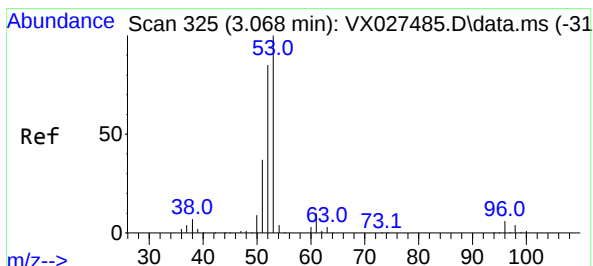
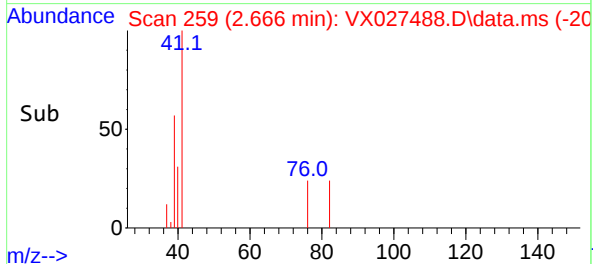
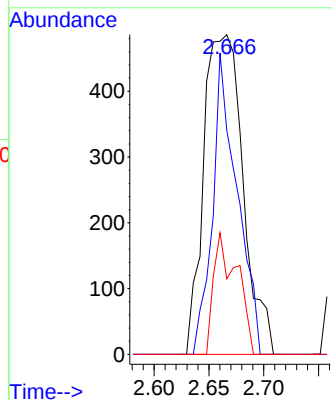
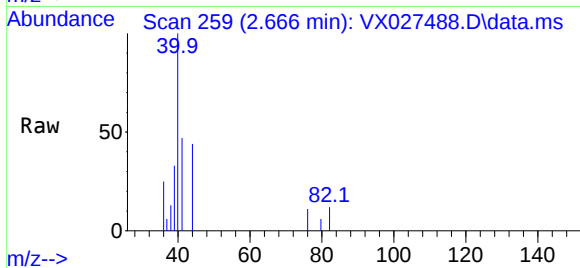
Tgt Ion: 41 Resp: 1215

Ion Ratio Lower Upper

41 100

39 58.8 50.4 75.6

76 0.0 32.7 49.1#



#15

Acrylonitrile

Concen: 1.086 ug/l

RT: 3.069 min Scan# 325

Delta R.T. 0.000 min

Lab File: VX027488.D

Acq: 17 Mar 2022 14:33

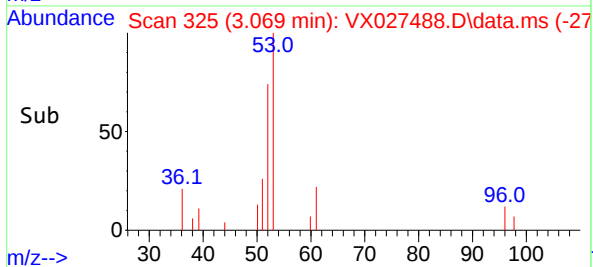
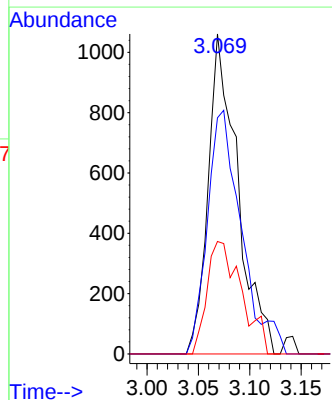
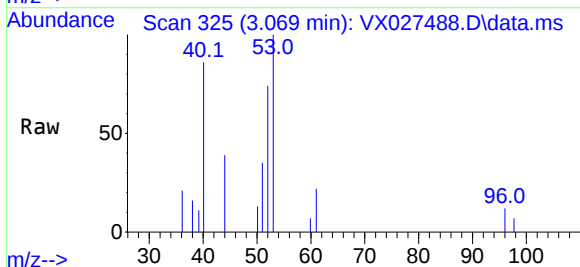
Tgt Ion: 53 Resp: 2110

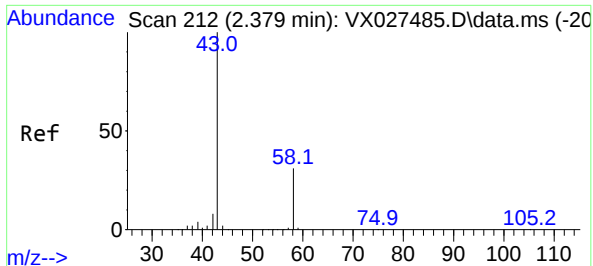
Ion Ratio Lower Upper

53 100

52 88.1 65.7 98.5

51 41.0 28.4 42.6

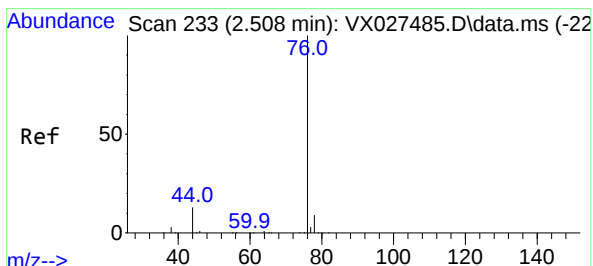
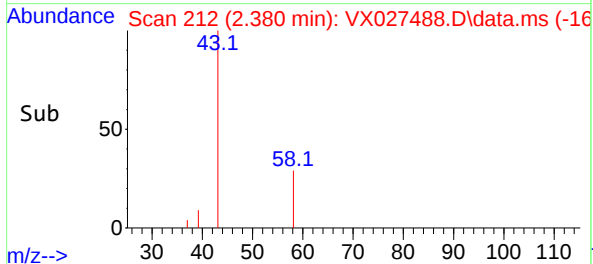
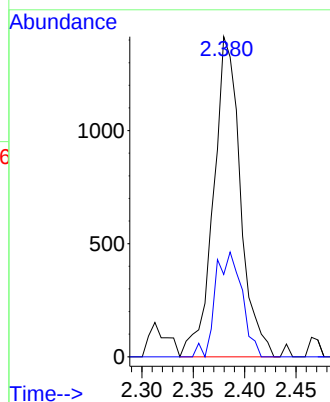
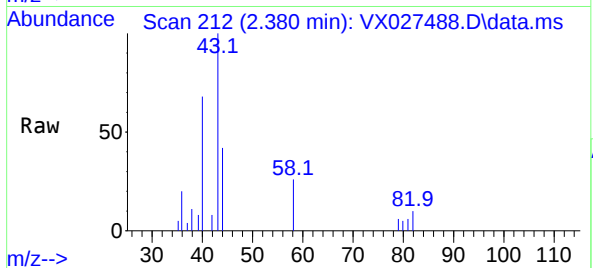




#16
Acetone
Concen: 1.407 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

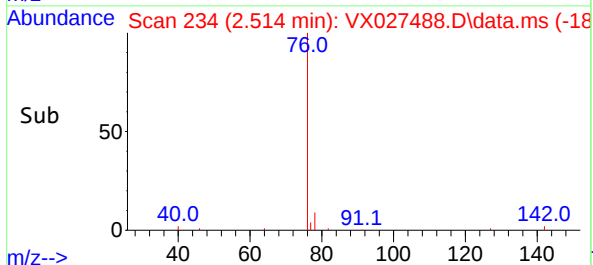
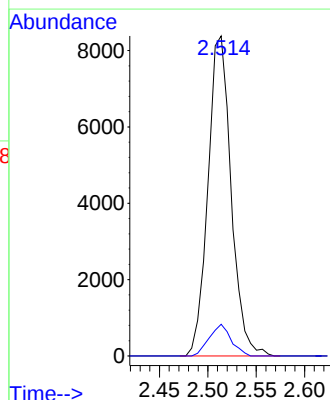
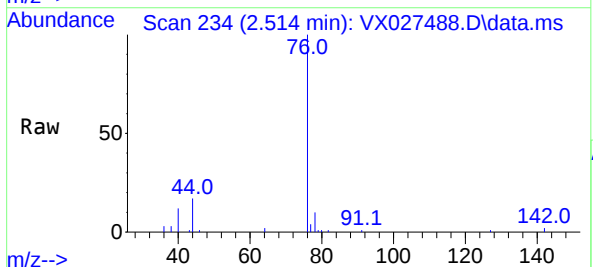
Instrument :
MSVOA_X
ClientSampleId :
IBLK

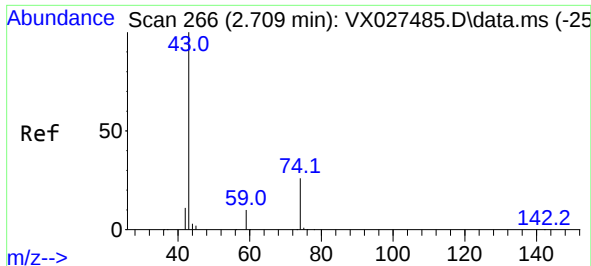
Tgt Ion: 43 Resp: 2572
Ion Ratio Lower Upper
43 100
58 25.7 28.8 43.2#



#17
Carbon Disulfide
Concen: 1.626 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 76 Resp: 13988
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

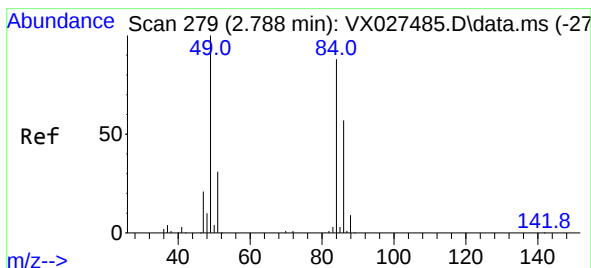
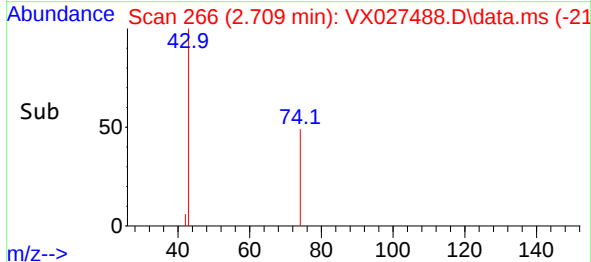
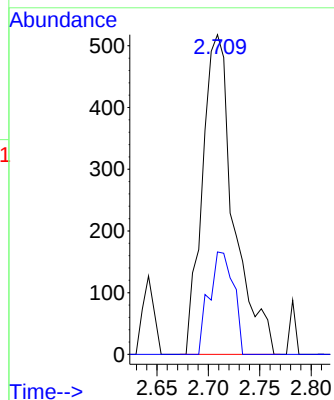
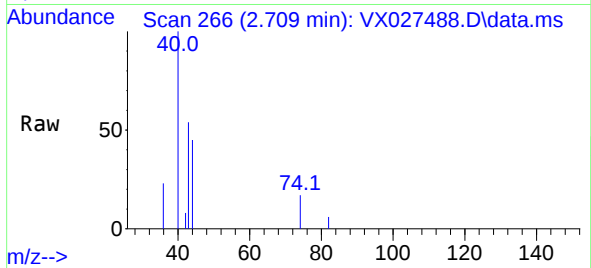




#18
Methyl Acetate
Concen: 0.251 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

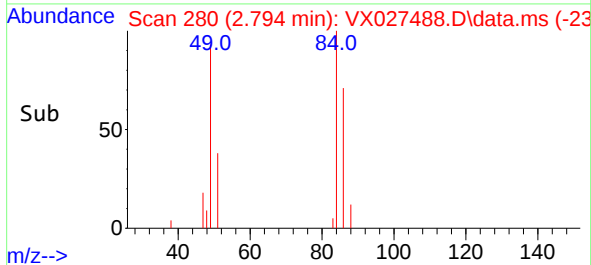
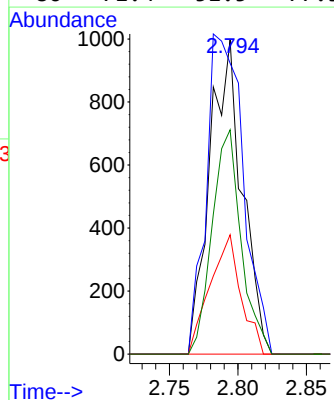
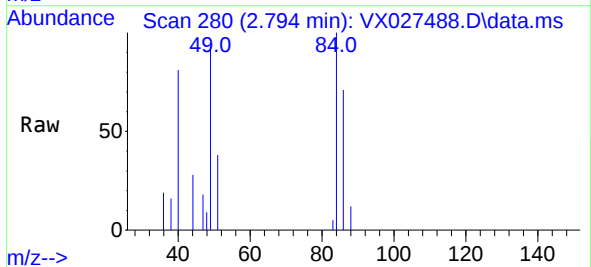
Instrument :
MSVOA_X
ClientSampleId :
IBLK

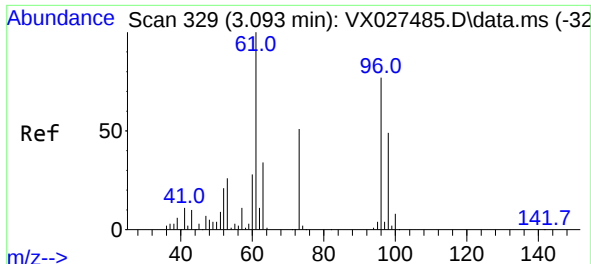
Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
74 24.7 22.8 34.2



#20
Methylene Chloride
Concen: 0.418 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 84 Resp: 1645
Ion Ratio Lower Upper
84 100
49 92.6 85.5 128.3
51 38.0 26.6 39.8
86 71.4 51.5 77.3

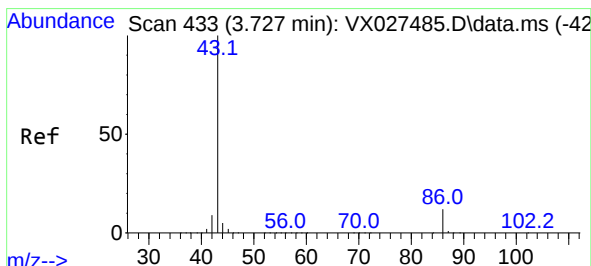
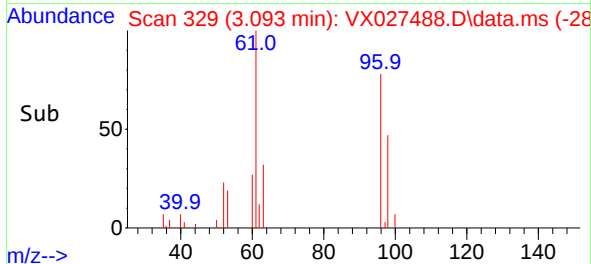
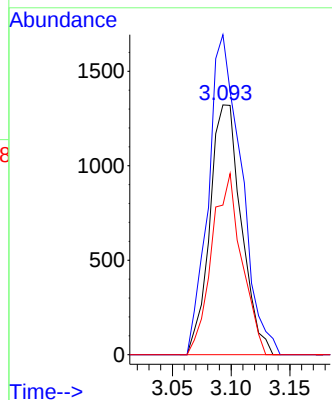
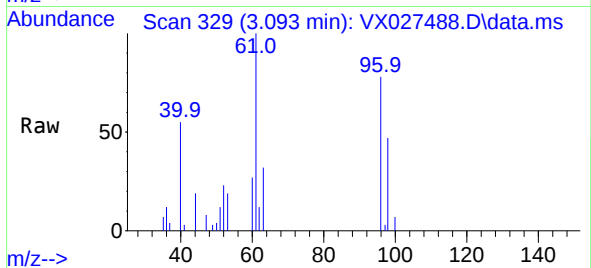




#21
trans-1,2-Dichloroethene
Concen: 0.685 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

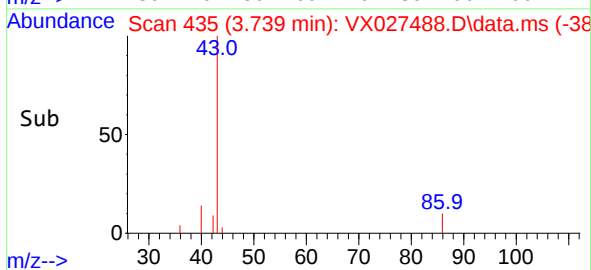
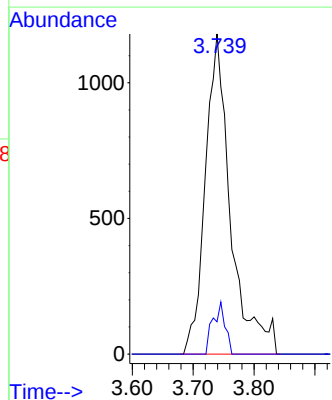
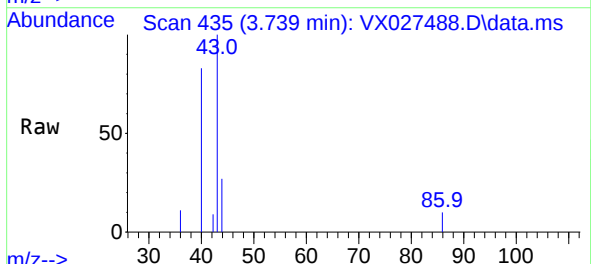
Instrument :
MSVOA_X
ClientSampleId :
IBLK

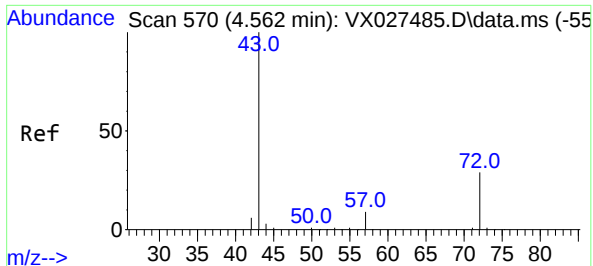
Tgt Ion: 96 Resp: 2469
Ion Ratio Lower Upper
96 100
61 128.1 105.4 158.2
98 59.9 50.0 75.0



#23
Vinyl Acetate
Concen: 0.378 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.012 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 43 Resp: 3399
Ion Ratio Lower Upper
43 100
86 10.1 10.8 16.2#

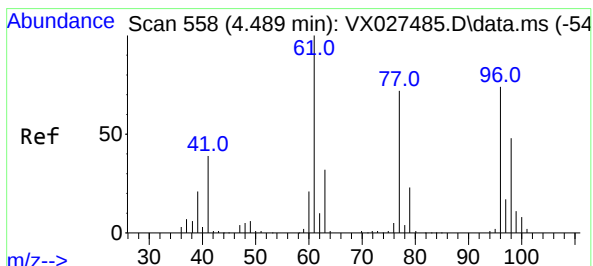
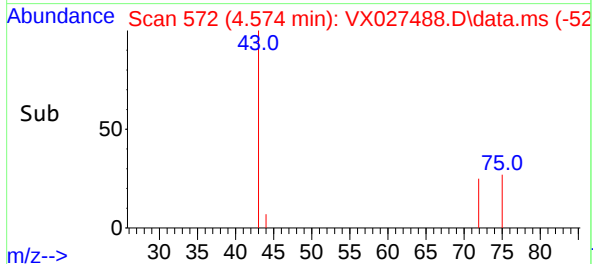
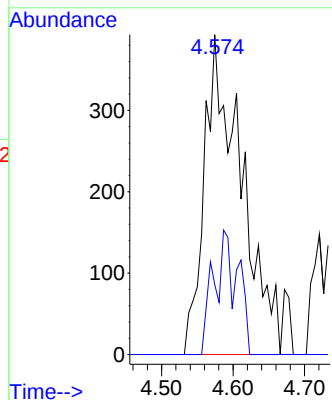
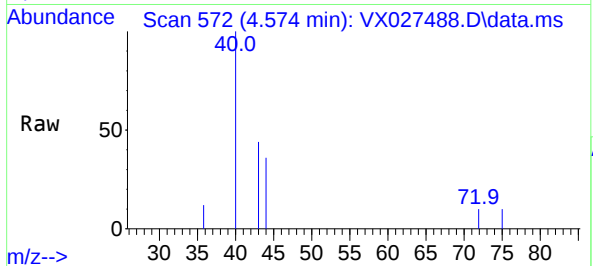




#25
2-Butanone
Concen: 0.512 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

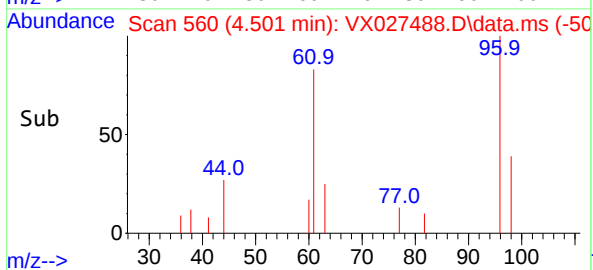
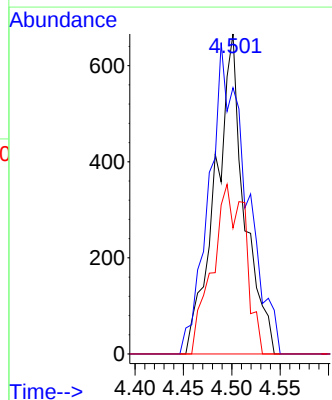
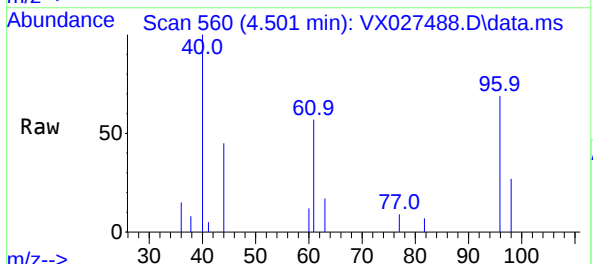
Instrument :
MSVOA_X
ClientSampleId :
IBLK

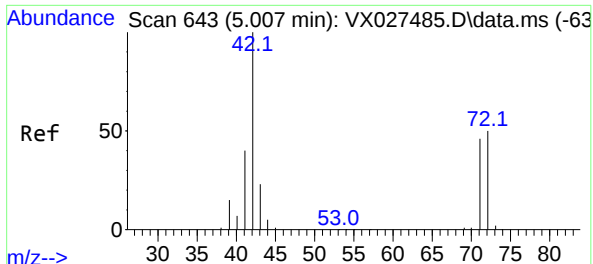
Tgt Ion: 43 Resp: 1407
Ion Ratio Lower Upper
43 100
72 21.9 24.4 36.6#



#27
cis-1,2-Dichloroethene
Concen: 0.333 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 96 Resp: 1393
Ion Ratio Lower Upper
96 100
61 123.1 0.0 283.8
98 59.9 0.0 129.8





#29

Tetrahydrofuran

Concen: 0.268 ug/l

RT: 5.026 min Scan# 643

Delta R.T. 0.018 min

Lab File: VX027488.D

Acq: 17 Mar 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

IBLK

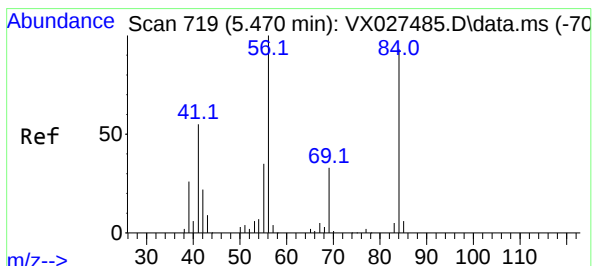
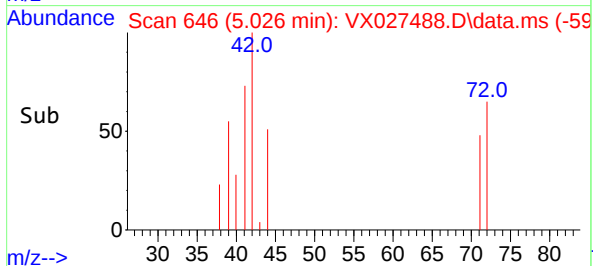
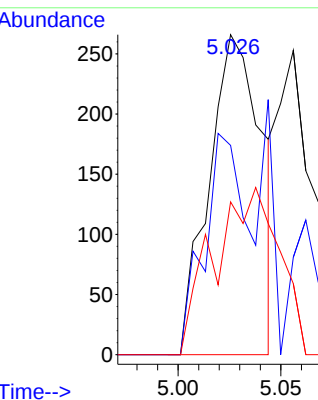
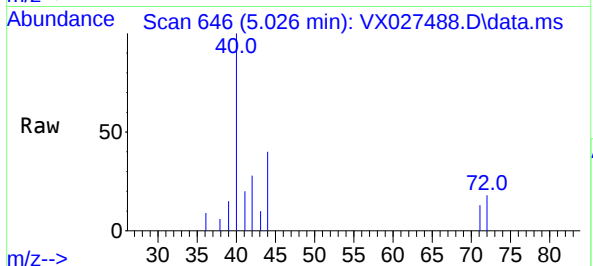
Tgt Ion: 42 Resp: 473

Ion Ratio Lower Upper

42 100

72 78.2 44.1 66.1#

71 65.1 40.5 60.7#



#31

Cyclohexane

Concen: 0.343 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.006 min

Lab File: VX027488.D

Acq: 17 Mar 2022 14:33

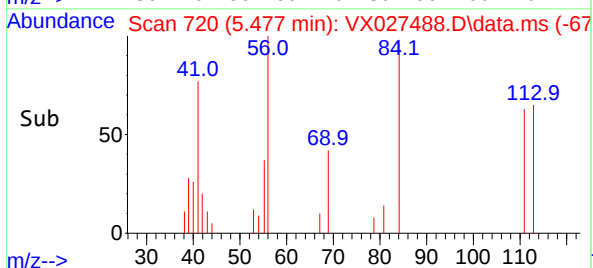
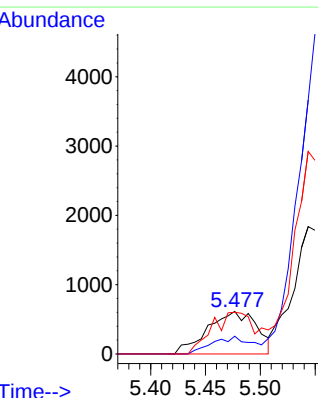
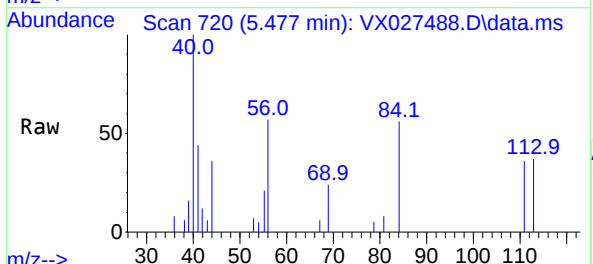
Tgt Ion: 56 Resp: 1913

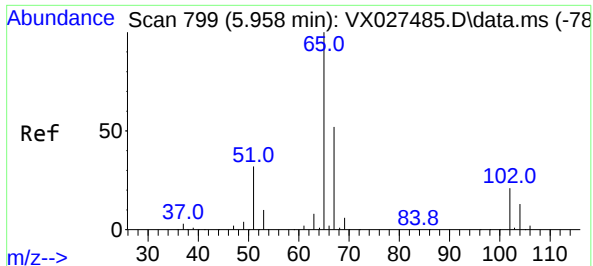
Ion Ratio Lower Upper

56 100

69 41.9 26.7 40.1#

84 98.4 77.2 115.8

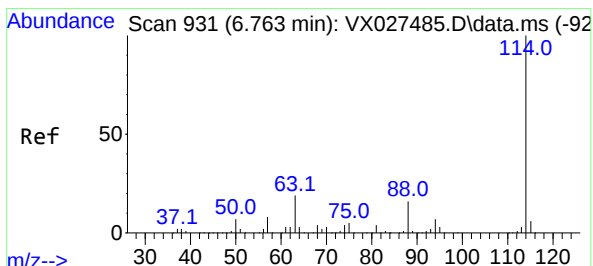
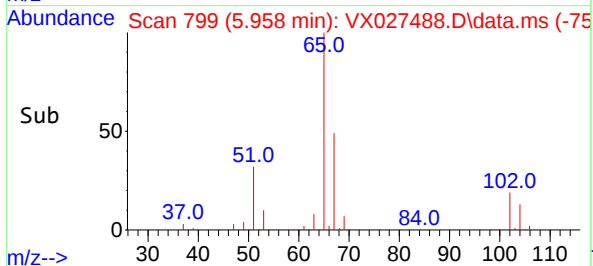
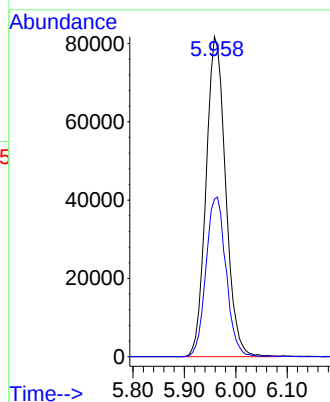
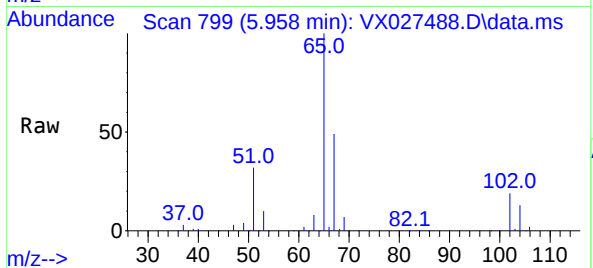




#33
1,2-Dichloroethane-d4
Concen: 48.275 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

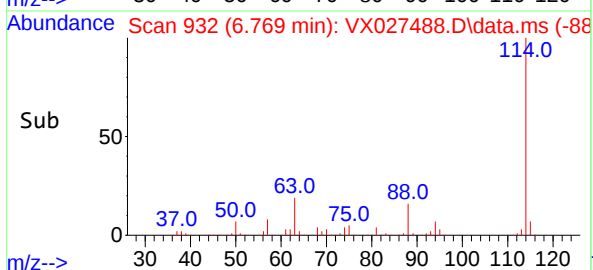
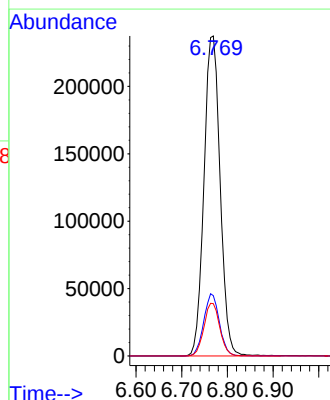
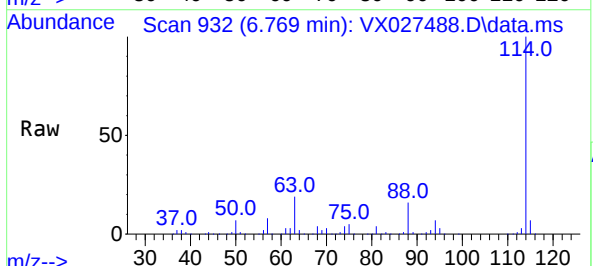
Instrument :
MSVOA_X
ClientSampleId :
IBLK

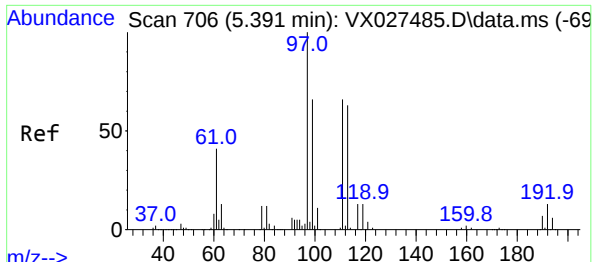
Tgt Ion: 65 Resp: 216533
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.006 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion:114 Resp: 582004
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.8
88 16.4 0.0 32.4

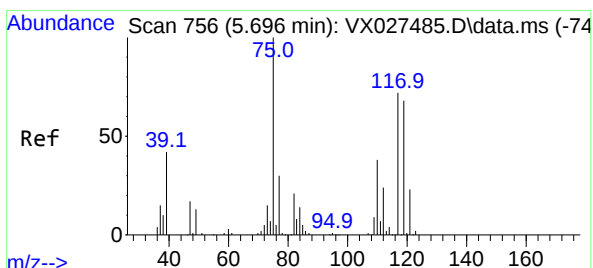
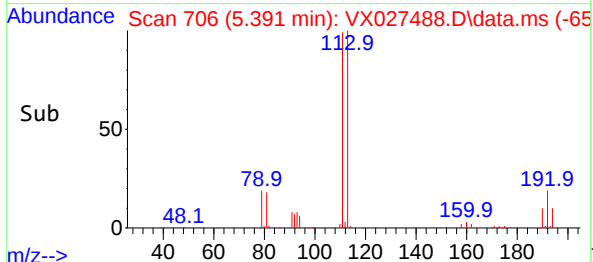
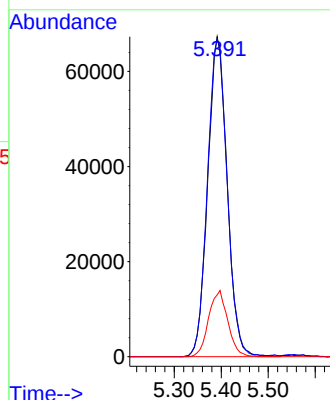
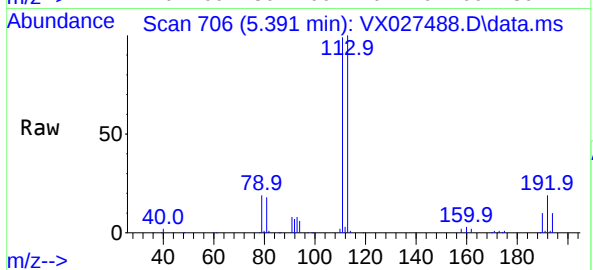




#35
Dibromofluoromethane
Concen: 51.472 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

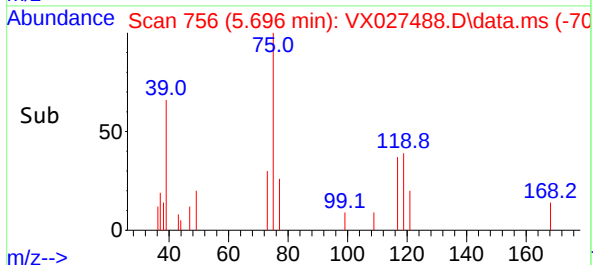
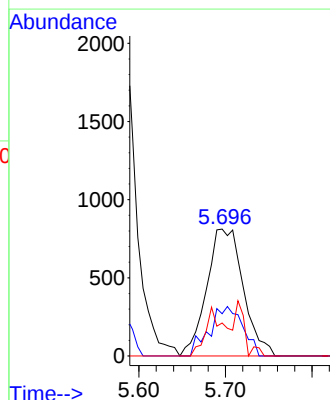
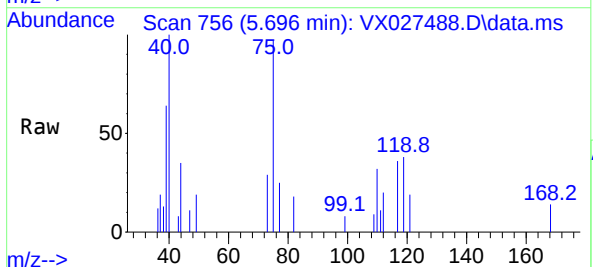
Instrument :
MSVOA_X
ClientSampleId :
IBLK

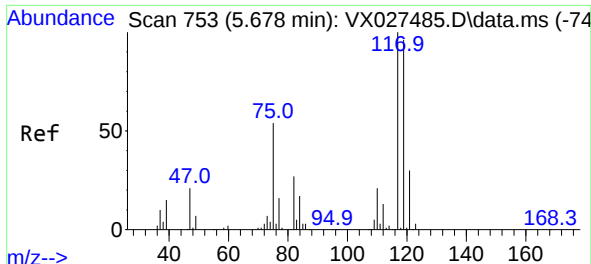
Tgt Ion:113 Resp: 192736
Ion Ratio Lower Upper
113 100
111 101.2 82.8 124.2
192 20.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 0.467 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 75 Resp: 2389
Ion Ratio Lower Upper
75 100
110 35.5 18.3 54.8
77 11.1 24.8 37.2#

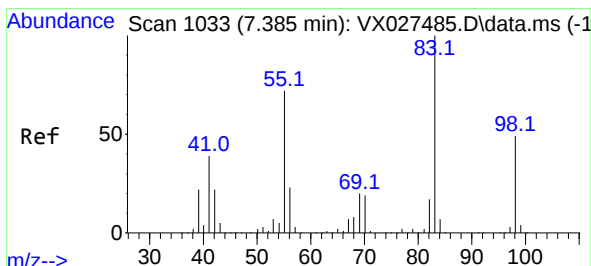
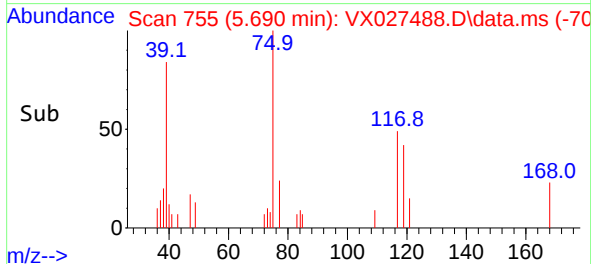
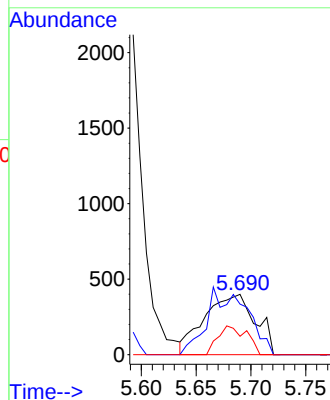
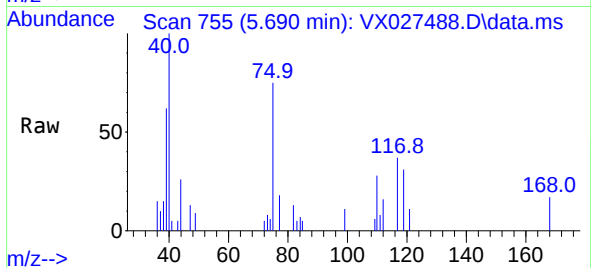




#38
Carbon Tetrachloride
Concen: 0.220 ug/l
RT: 5.690 min Scan# 71
Delta R.T. 0.012 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

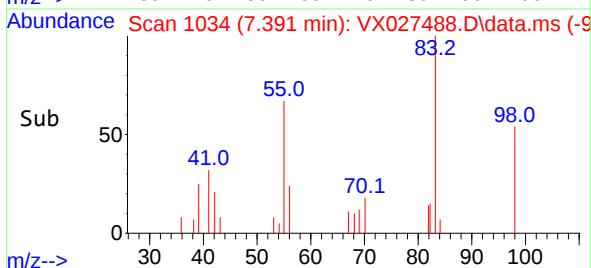
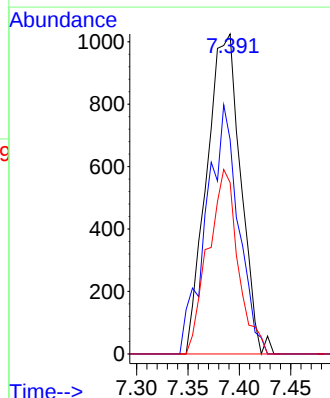
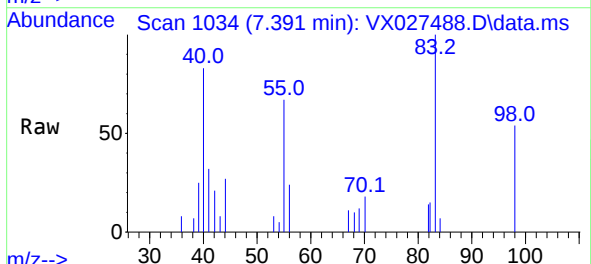
Instrument :
MSVOA_X
ClientSampleId :
IBLK

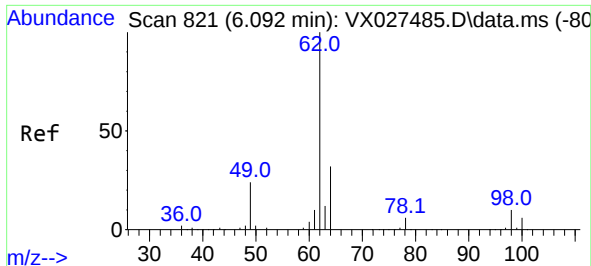
Tgt Ion:117 Resp: 1286
Ion Ratio Lower Upper
117 100
119 84.0 77.3 115.9
121 30.6 24.2 36.2



#39
Methylcyclohexane
Concen: 0.366 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 83 Resp: 2357
Ion Ratio Lower Upper
83 100
55 66.9 54.6 81.8
98 53.6 37.4 56.2





#42

1,2-Dichloroethane

Concen: 0.216 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX027488.D

Acq: 17 Mar 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

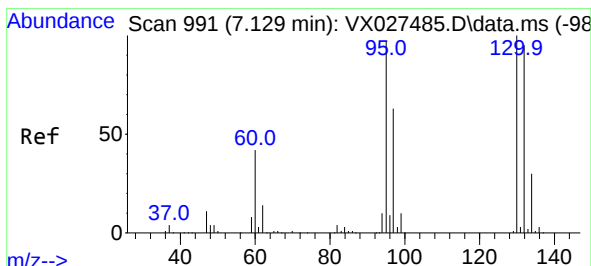
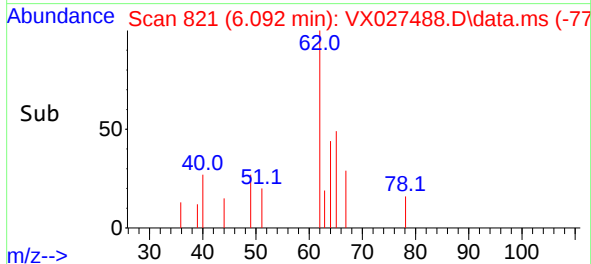
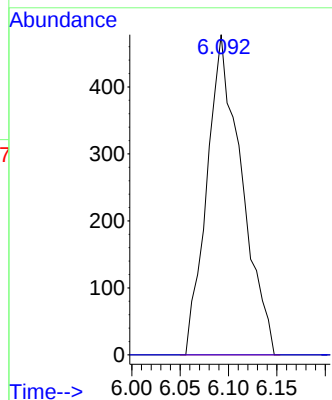
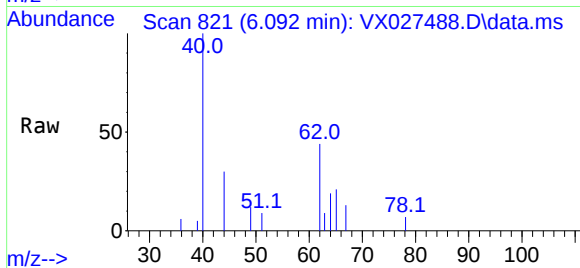
IBLK

Tgt Ion: 62 Resp: 1189

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.4



#44

Trichloroethene

Concen: 0.417 ug/l

RT: 7.141 min Scan# 993

Delta R.T. 0.012 min

Lab File: VX027488.D

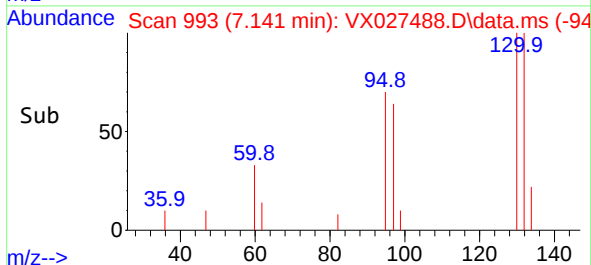
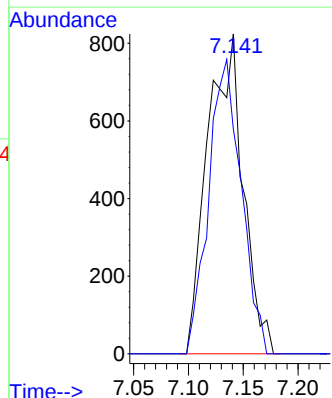
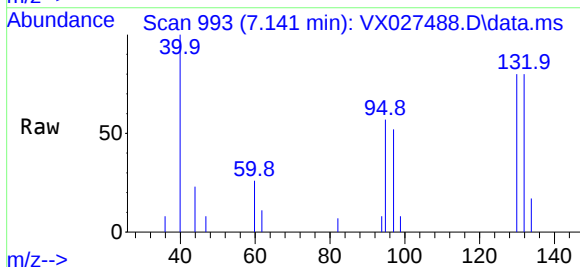
Acq: 17 Mar 2022 14:33

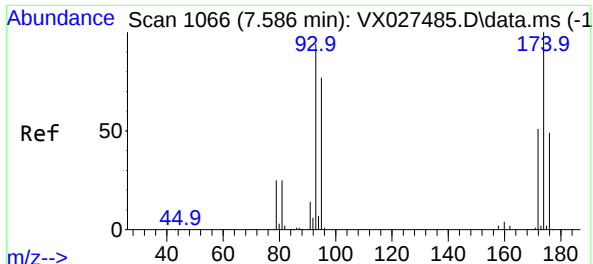
Tgt Ion: 130 Resp: 1860

Ion Ratio Lower Upper

130 100

95 70.3 0.0 188.8



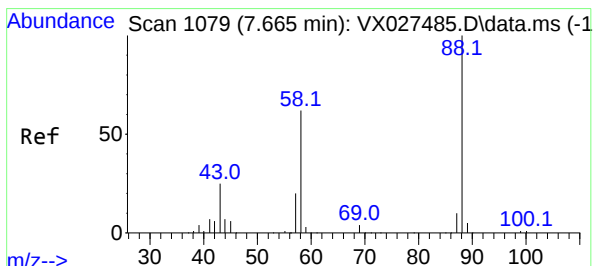
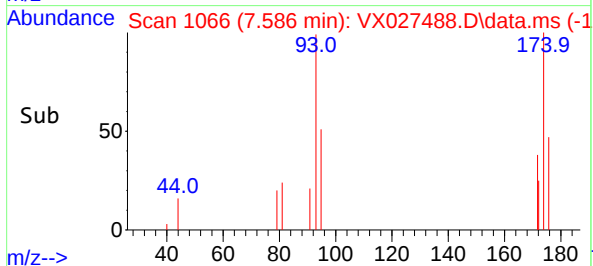
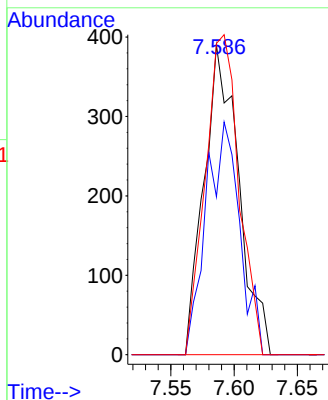
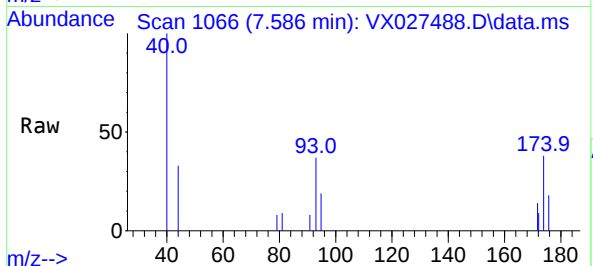


#46
Dibromomethane
Concen: 0.260 ug/l
RT: 7.586 min Scan# 1082
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 93 Resp: 744

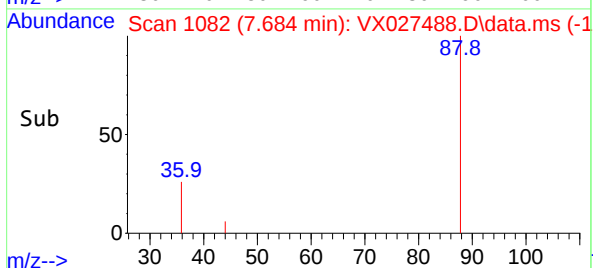
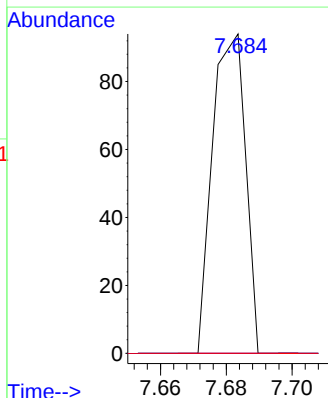
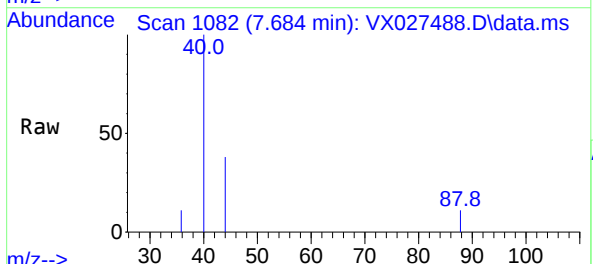
Ion	Ratio	Lower	Upper
93	100		
95	72.6	65.8	98.6
174	100.5	85.4	128.2

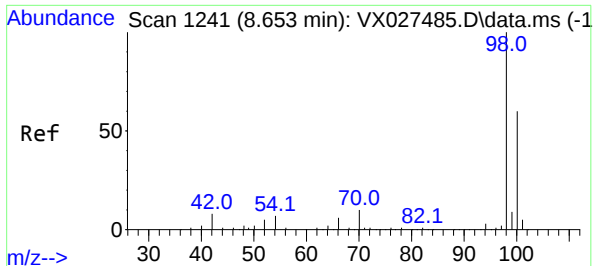


#49
1,4-Dioxane
Concen: 0.623 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.018 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.9	32.9#
58	0.0	53.7	80.5#

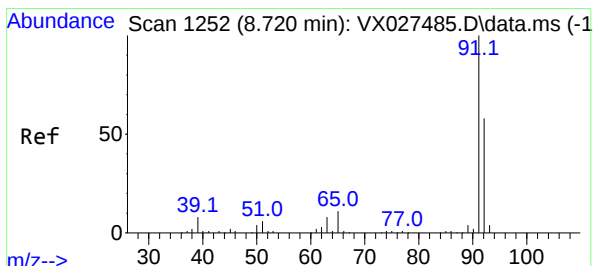
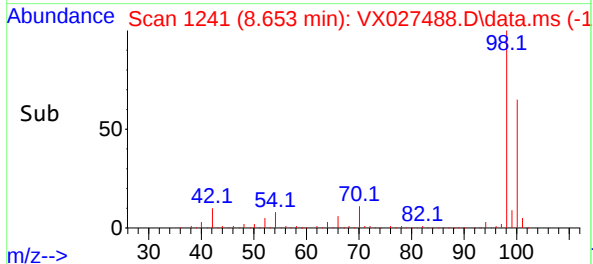
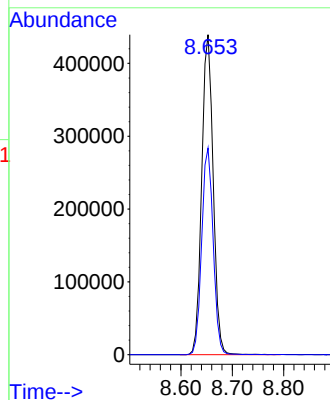
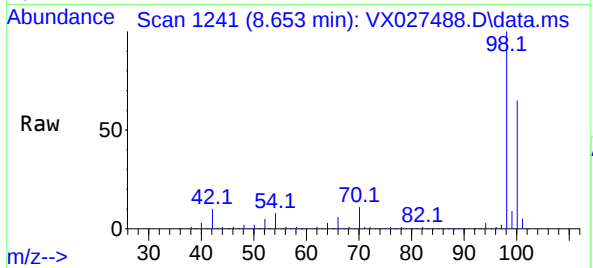




#50
Toluene-d8
Concen: 47.928 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

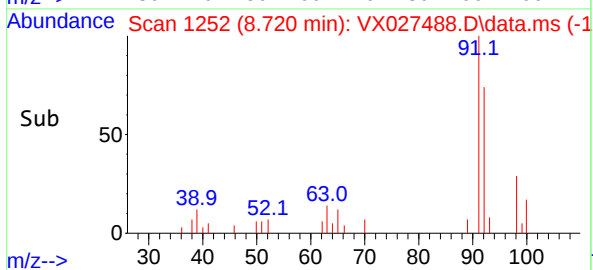
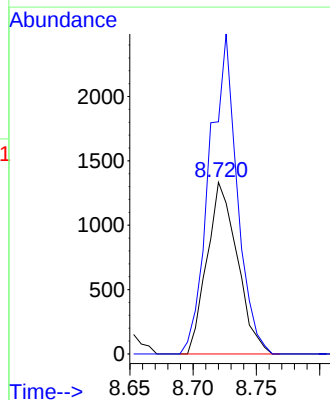
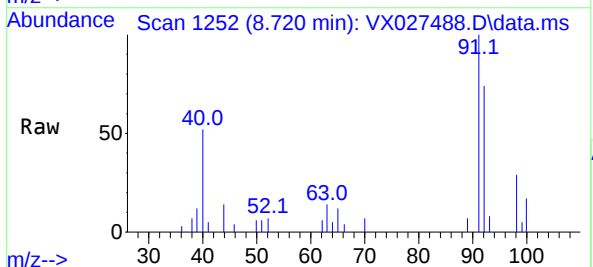
Instrument :
MSVOA_X
ClientSampleId :
IBLK

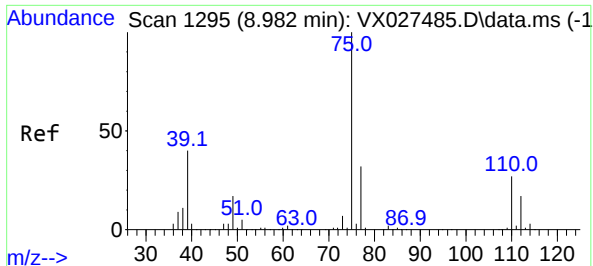
Tgt Ion: 98 Resp: 679124
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#52
Toluene
Concen: 0.226 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 92 Resp: 2221
Ion Ratio Lower Upper
92 100
91 170.9 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 0.235 ug/l

RT: 8.982 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX027488.D

Acq: 17 Mar 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

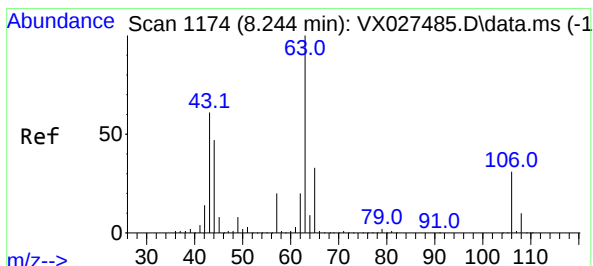
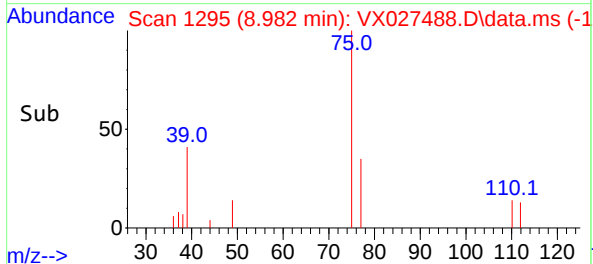
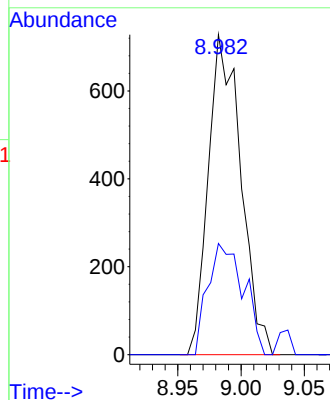
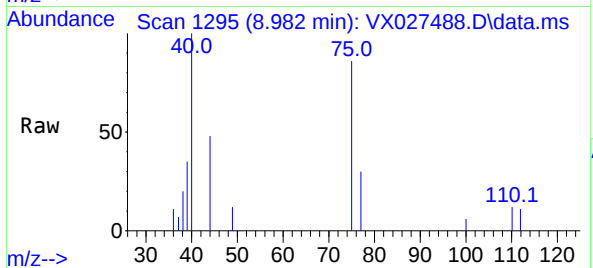
IBLK

Tgt Ion: 75 Resp: 1299

Ion Ratio Lower Upper

75 100

77 34.8 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 8.257 min Scan# 1176

Delta R.T. 0.013 min

Lab File: VX027488.D

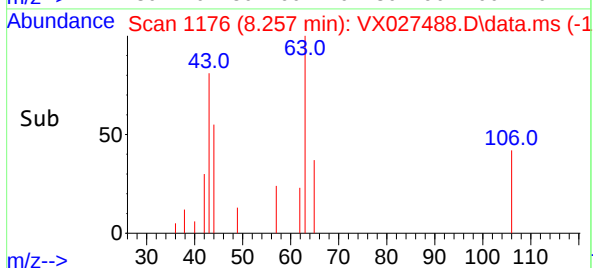
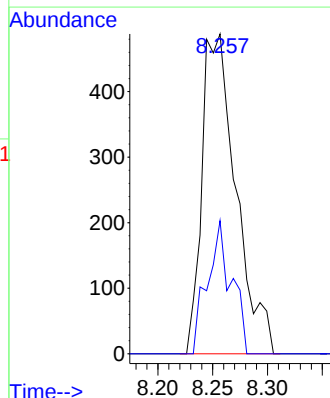
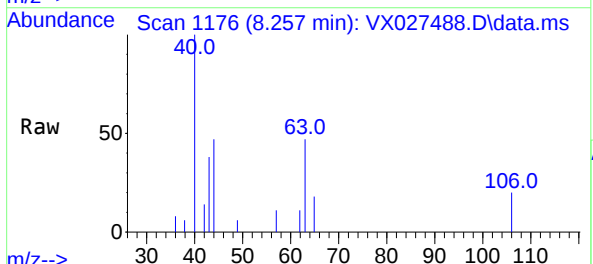
Acq: 17 Mar 2022 14:33

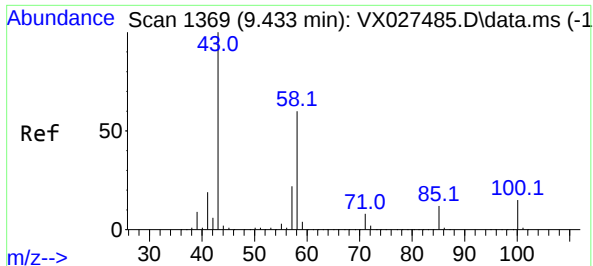
Tgt Ion: 63 Resp: 1051

Ion Ratio Lower Upper

63 100

106 29.4 23.9 35.9





#59

2-Hexanone

Concen: 0.337 ug/l

RT: 9.445 min Scan# 1369

Delta R.T. 0.012 min

Lab File: VX027488.D

Acq: 17 Mar 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

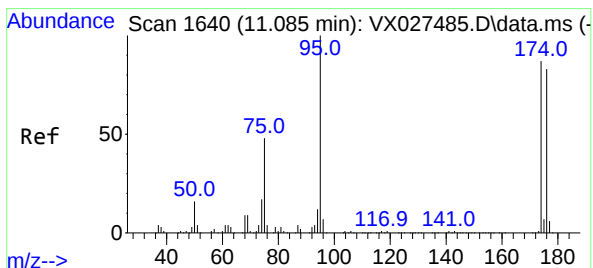
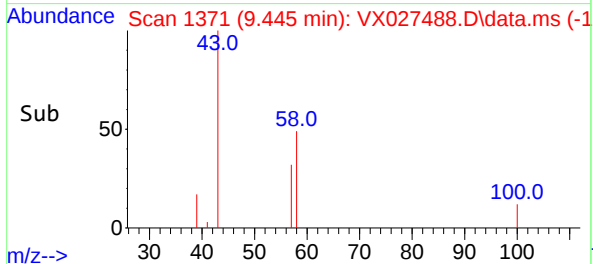
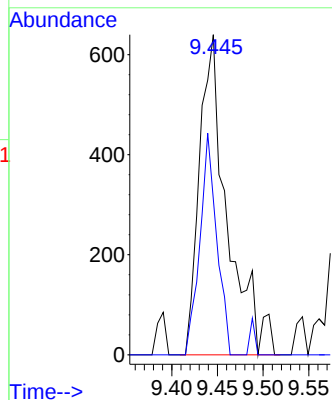
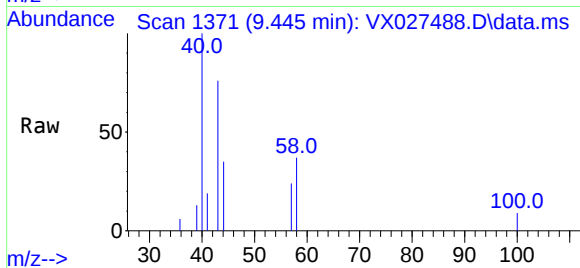
IBLK

Tgt Ion: 43 Resp: 1358

Ion Ratio Lower Upper

43 100

58 41.8 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 46.811 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027488.D

Acq: 17 Mar 2022 14:33

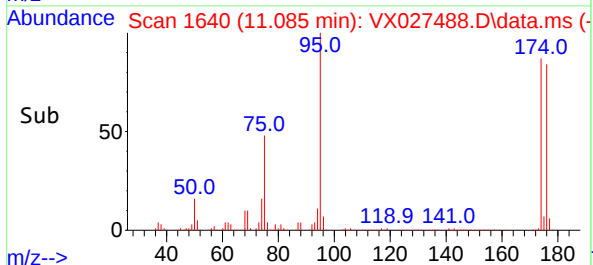
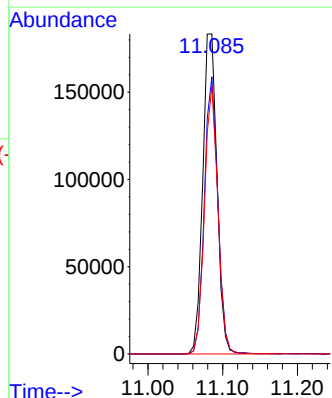
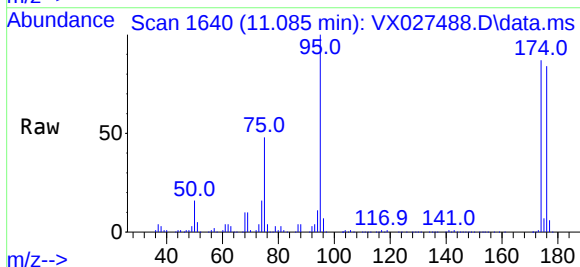
Tgt Ion: 95 Resp: 243800

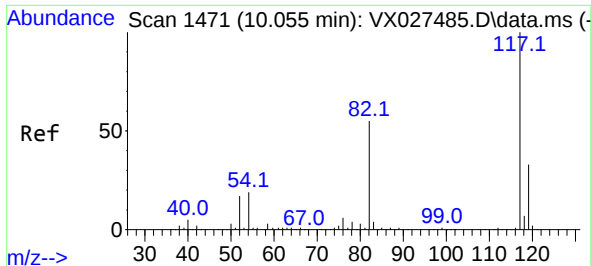
Ion Ratio Lower Upper

95 100

174 81.8 0.0 163.0

176 78.6 0.0 155.0

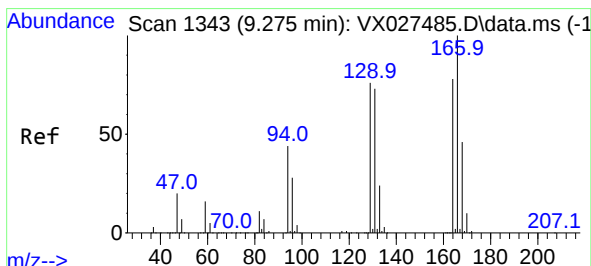
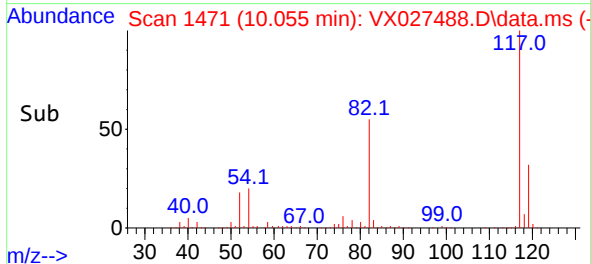
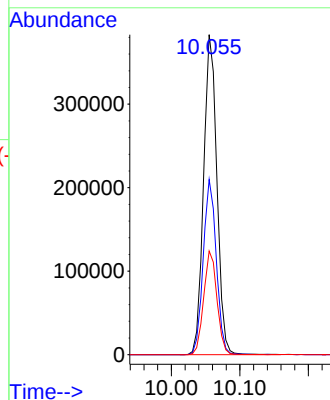
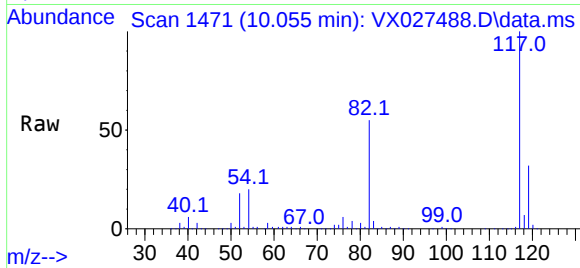




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

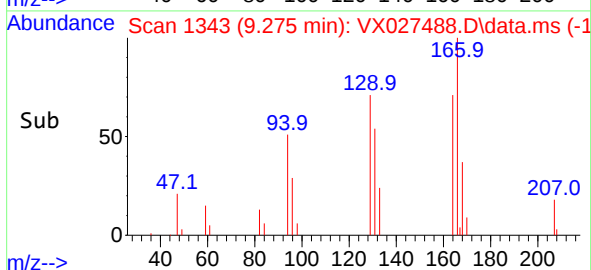
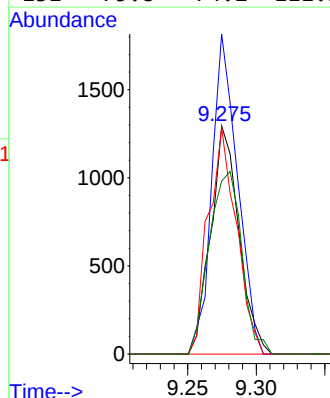
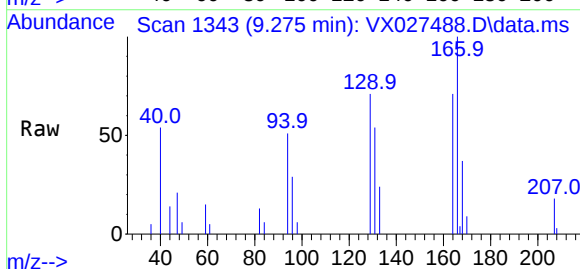
Instrument :
MSVOA_X
ClientSampleId :
IBLK

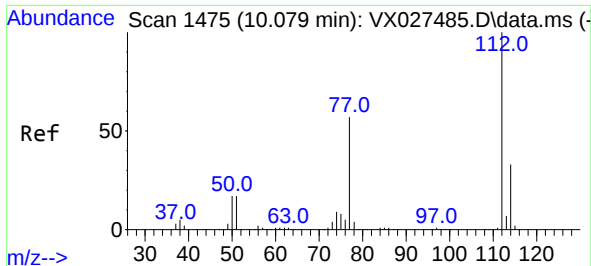
Tgt Ion:117 Resp: 518013
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.8
119 32.4 24.8 37.2



#64
Tetrachloroethene
Concen: 0.461 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion:164 Resp: 1855
Ion Ratio Lower Upper
164 100
166 140.2 101.2 151.8
129 99.2 73.0 109.4
131 75.8 74.2 111.2

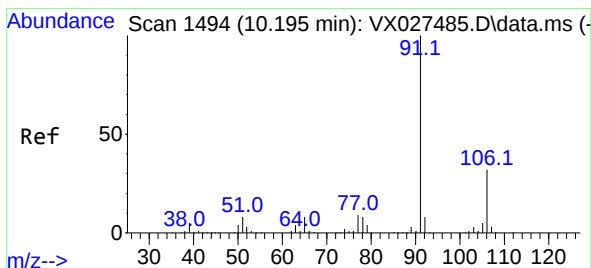
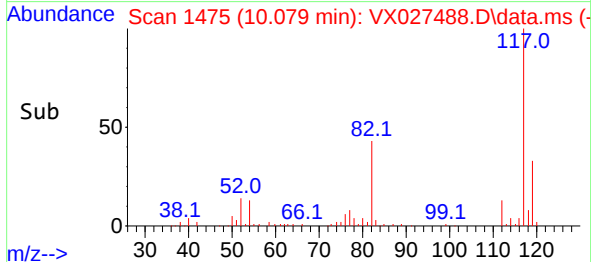
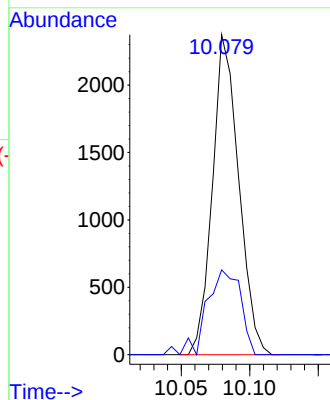
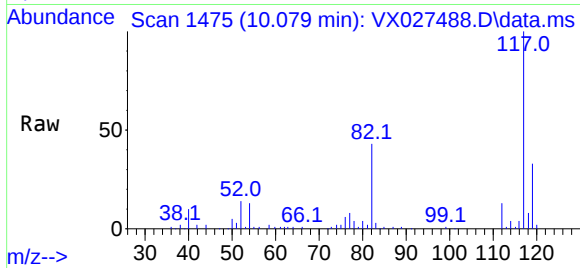




#65
Chlorobenzene
Concen: 0.297 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

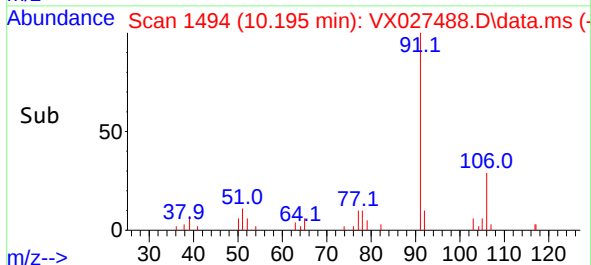
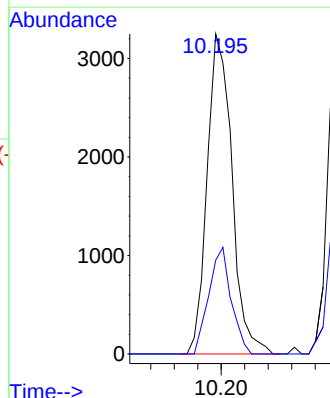
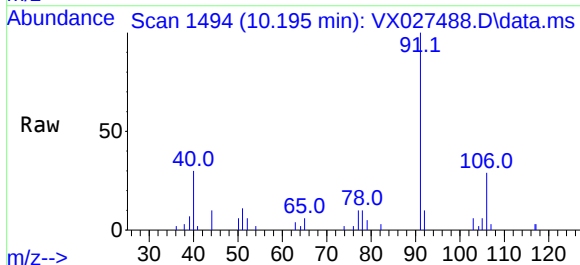
Instrument :
MSVOA_X
ClientSampleId :
IBLK

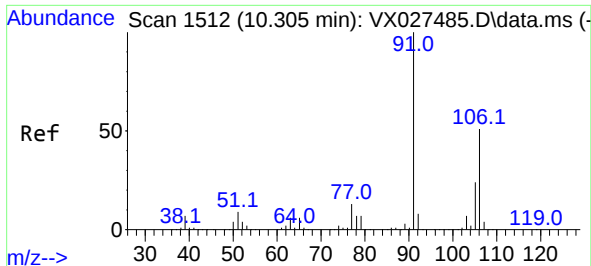
Tgt Ion:112 Resp: 3164
Ion Ratio Lower Upper
112 100
114 26.5 25.8 38.8



#67
Ethyl Benzene
Concen: 0.261 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 91 Resp: 4768
Ion Ratio Lower Upper
91 100
106 29.3 24.6 36.8

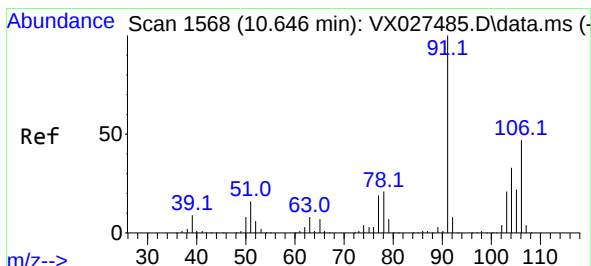
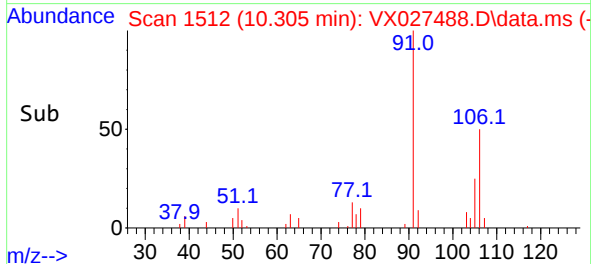
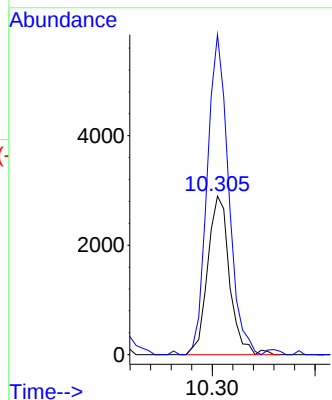
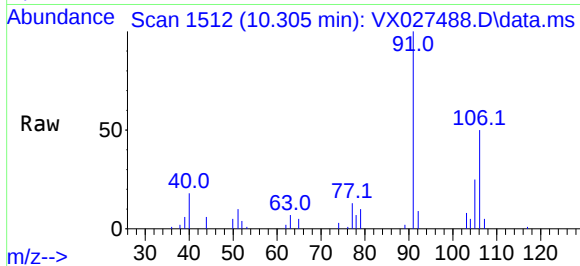




#68
m/p-Xylenes
Concen: 0.596 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

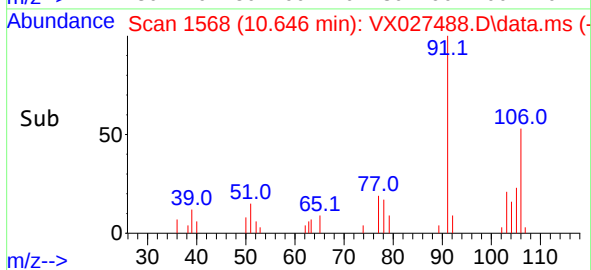
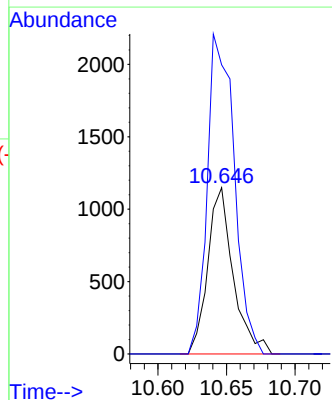
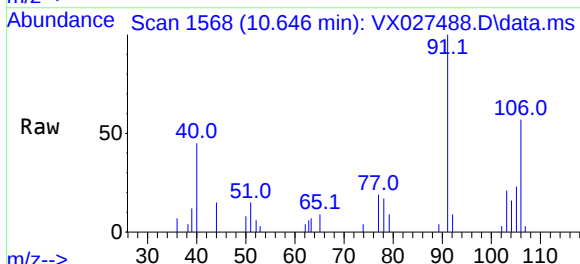
Instrument :
MSVOA_X
ClientSampleId :
IBLK

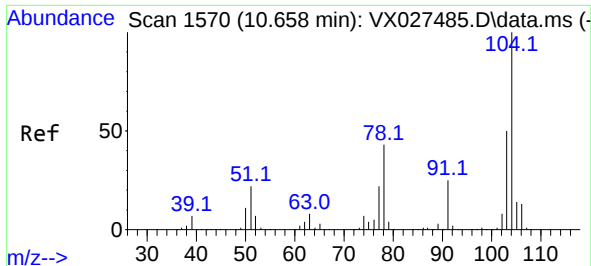
Tgt Ion:106 Resp: 4279
Ion Ratio Lower Upper
106 100
91 196.8 160.4 240.6



#69
o-Xylene
Concen: 0.214 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion:106 Resp: 1489
Ion Ratio Lower Upper
106 100
91 202.8 106.1 318.1

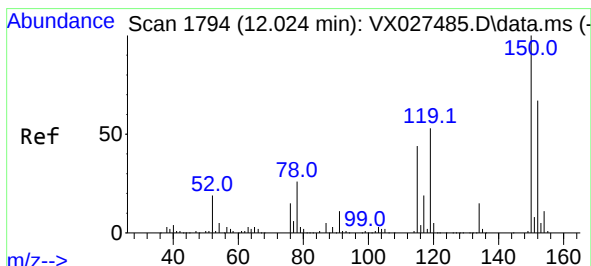
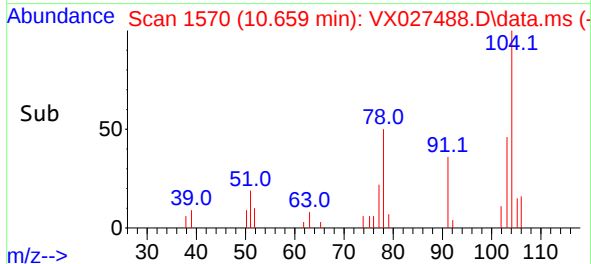
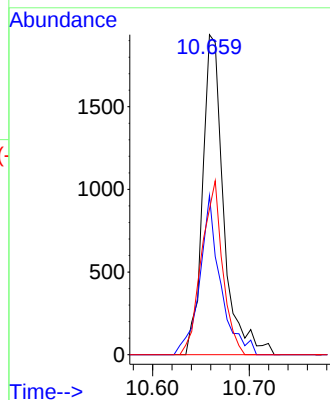
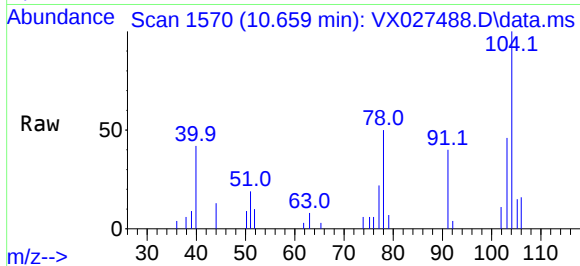




#70
Styrene
Concen: 0.257 ug/l
RT: 10.659 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

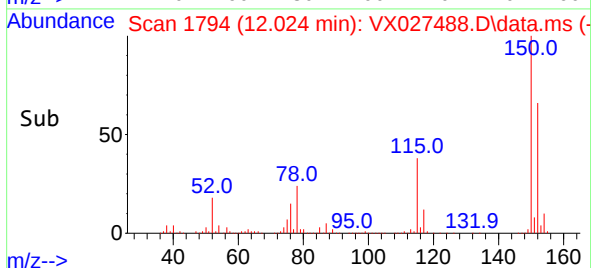
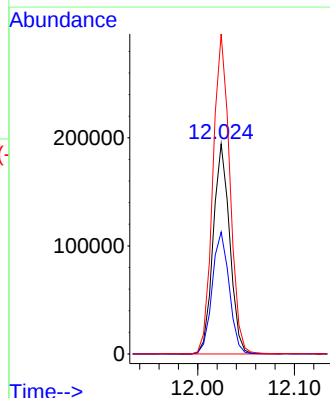
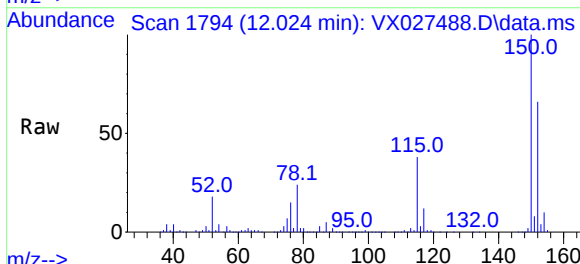
Instrument :
MSVOA_X
ClientSampleId :
IBLK

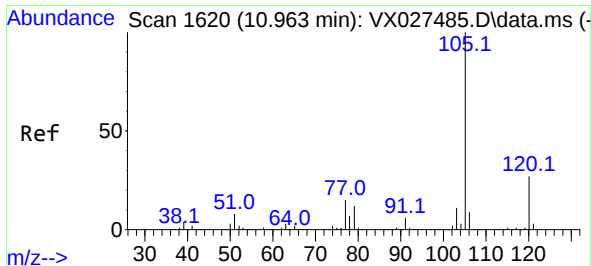
Tgt Ion:	104	Resp:	2928
Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.6	57.8
103	54.4	43.8	65.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion:	152	Resp:	231188
Ion	Ratio	Lower	Upper
152	100		
115	59.8	37.5	112.7
150	155.6	0.0	338.2

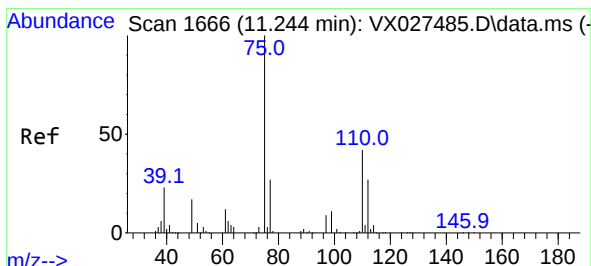
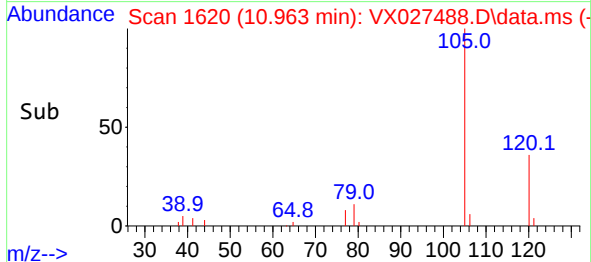
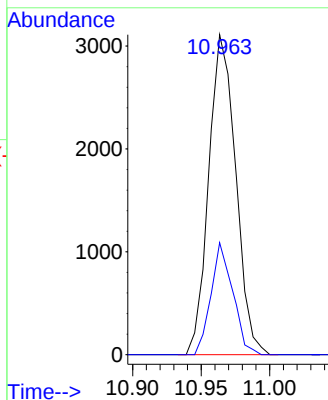
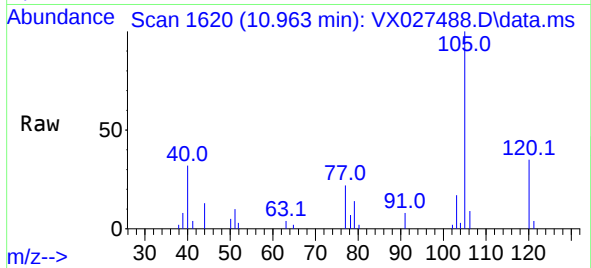




#73
Isopropylbenzene
Concen: 0.253 ug/l
RT: 10.963 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

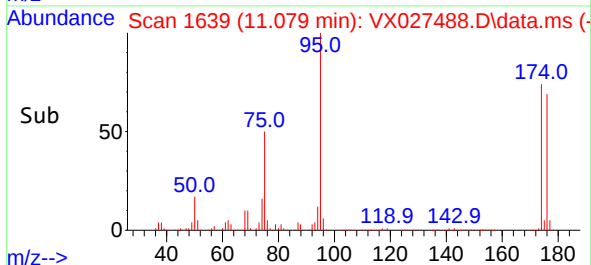
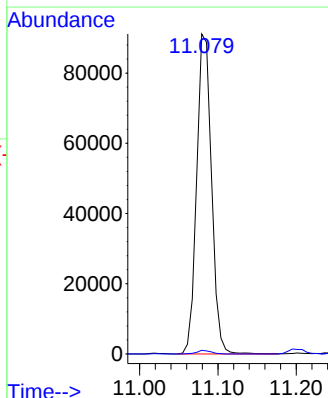
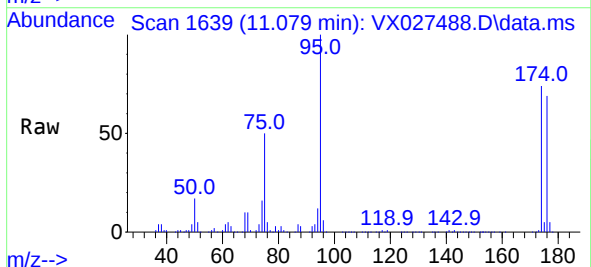
Instrument :
MSVOA_X
ClientSampleId :
IBLK

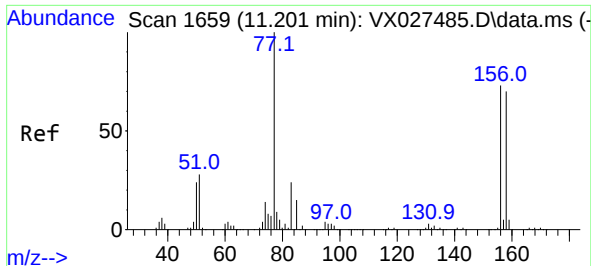
Tgt Ion:105 Resp: 4266
Ion Ratio Lower Upper
105 100
120 28.3 13.5 40.5



#76
1,2,3-Trichloropropane
Concen: 24.887 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 75 Resp: 120345
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

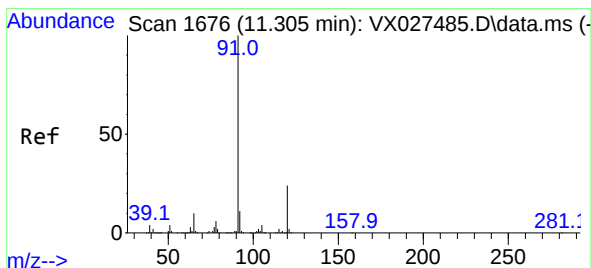
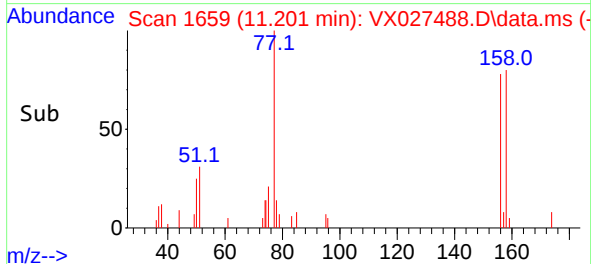
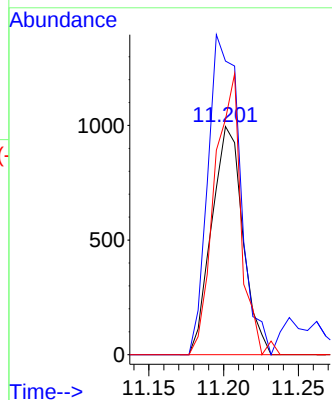
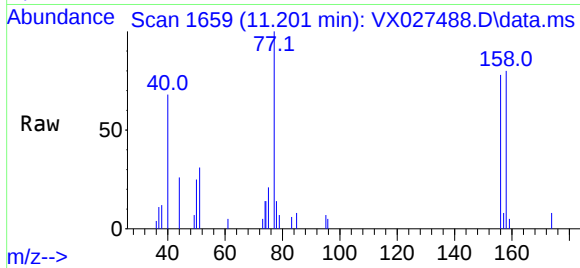




#77
Bromobenzene
Concen: 0.340 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

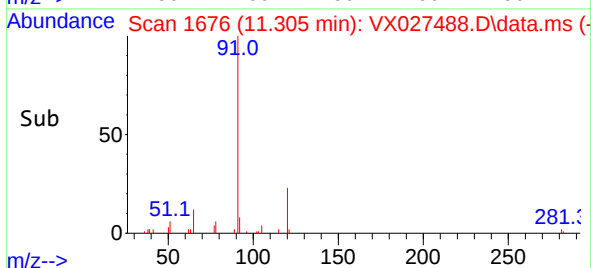
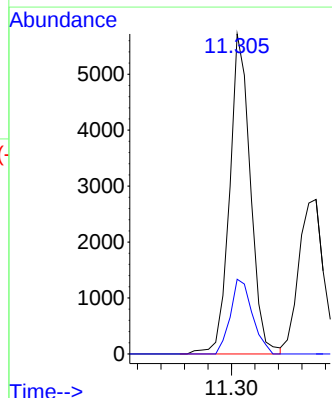
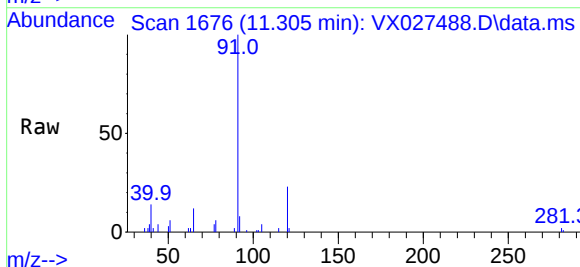
Instrument :
MSVOA_X
ClientSampleId :
IBLK

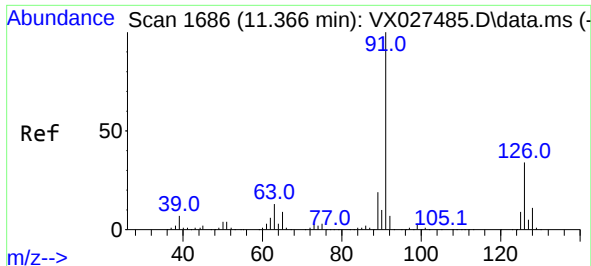
Tgt Ion:156 Resp: 1442
Ion Ratio Lower Upper
156 100
77 144.0 78.5 235.3
158 105.0 50.2 150.7



#78
n-propylbenzene
Concen: 0.381 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 91 Resp: 7039
Ion Ratio Lower Upper
91 100
120 24.7 11.6 34.8





#79

2-Chlorotoluene

Concen: 0.357 ug/l

RT: 11.372 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX027488.D

Acq: 17 Mar 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

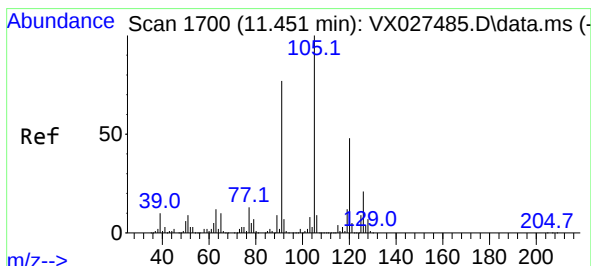
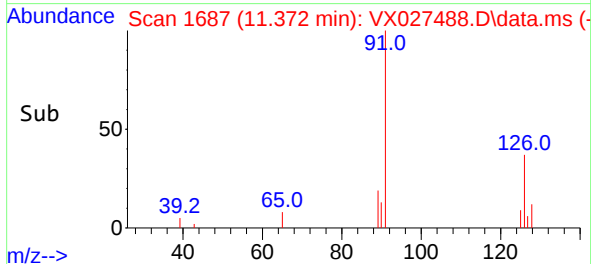
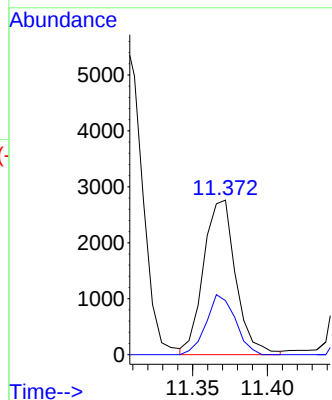
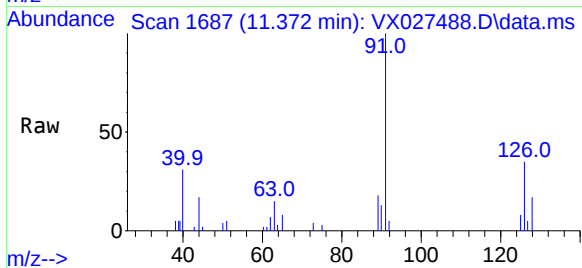
IBLK

Tgt Ion: 91 Resp: 4145

Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 0.285 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX027488.D

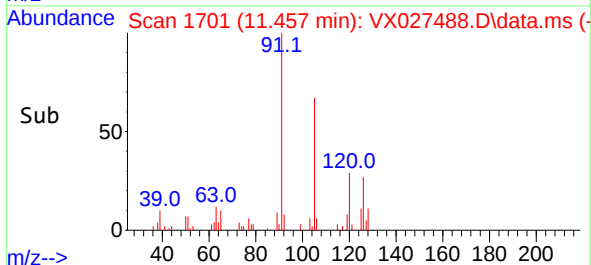
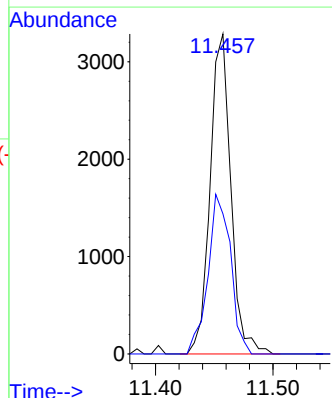
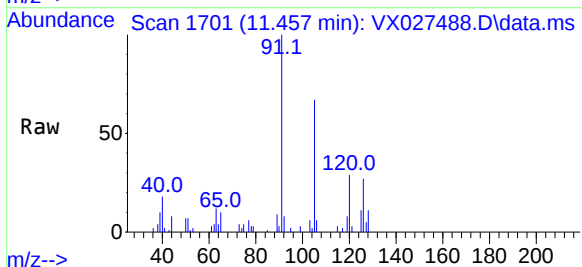
Acq: 17 Mar 2022 14:33

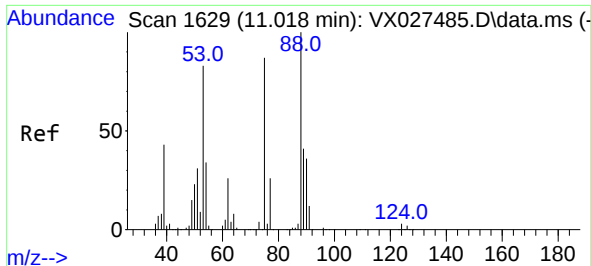
Tgt Ion: 105 Resp: 4037

Ion Ratio Lower Upper

105 100

120 54.4 24.3 72.9

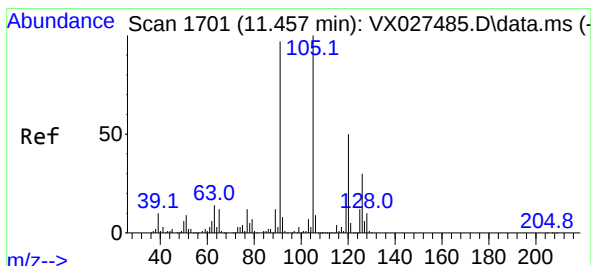
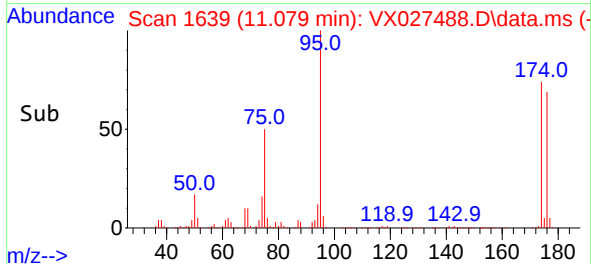
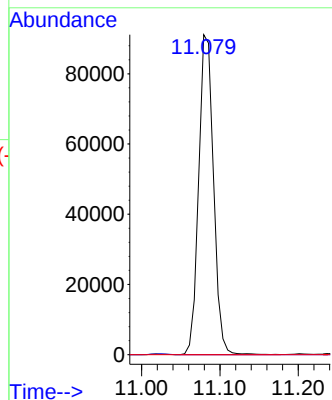
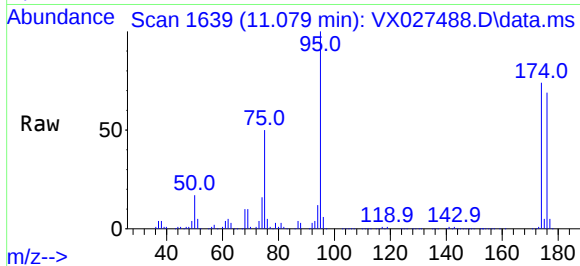




#81
trans-1,4-Dichloro-2-butene
Concen: 75.582 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

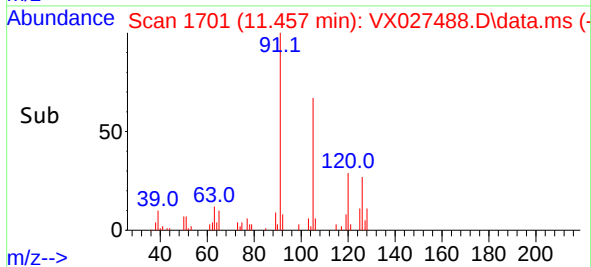
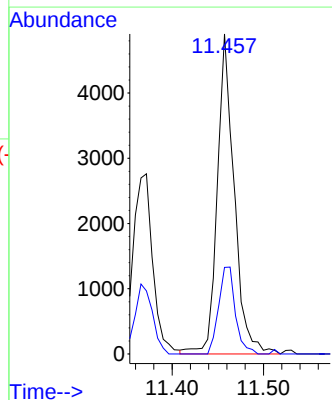
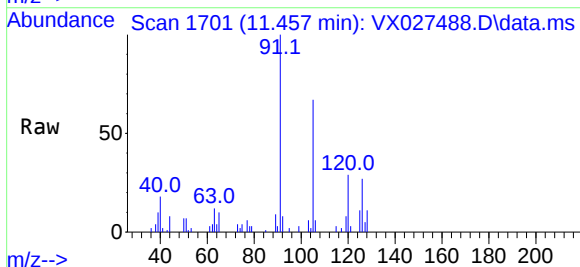
Instrument :
MSVOA_X
ClientSampleId :
IBLK

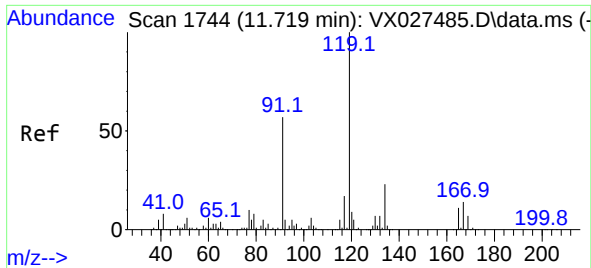
Tgt Ion: 75 Resp: 120345
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 0.478 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion: 91 Resp: 6315
Ion Ratio Lower Upper
91 100
126 26.8 14.9 44.5

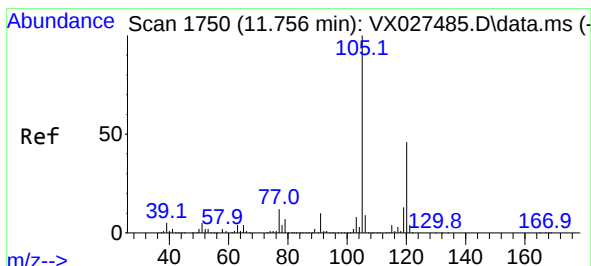
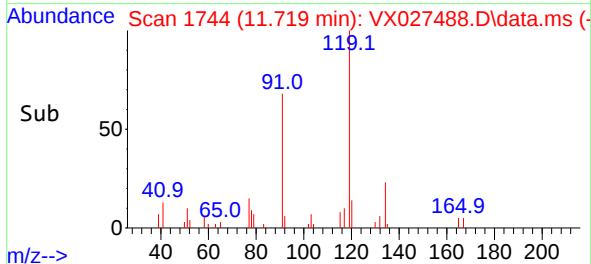
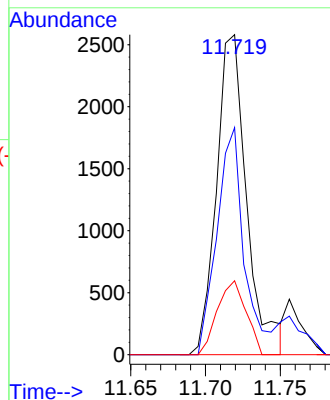
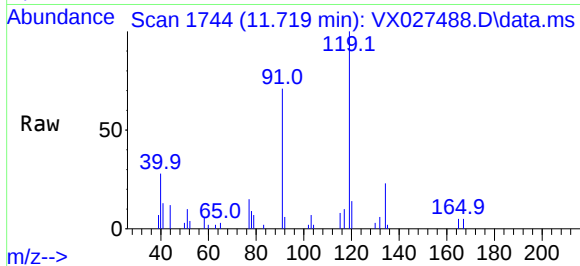




#83
tert-Butylbenzene
Concen: 0.258 ug/l
RT: 11.719 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

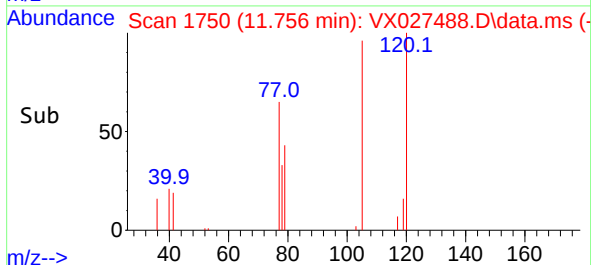
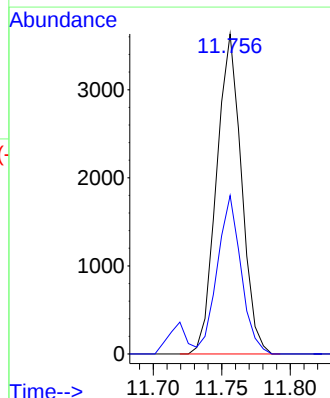
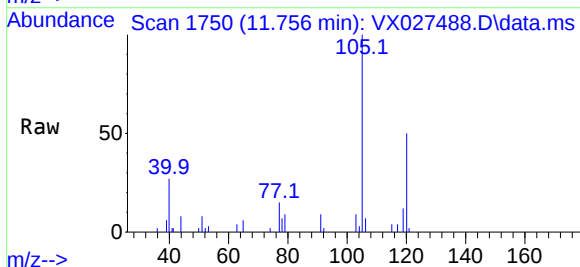
Instrument :
MSVOA_X
ClientSampleId :
IBLK

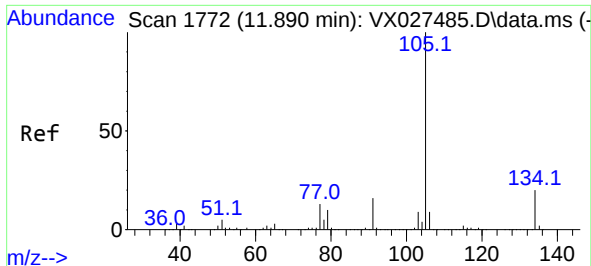
Tgt Ion:	119	Resp:	3629
Ion	Ratio	Lower	Upper
119	100		
91	63.8	26.9	80.6
134	22.0	11.4	34.2



#84
1,2,4-Trimethylbenzene
Concen: 0.325 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion:	105	Resp:	4599
Ion	Ratio	Lower	Upper
105	100		
120	47.1	22.6	67.8

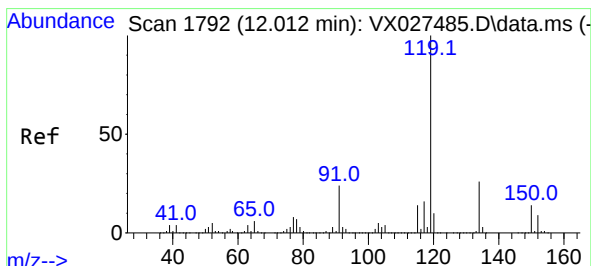
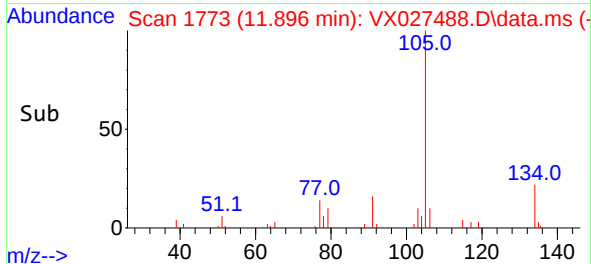
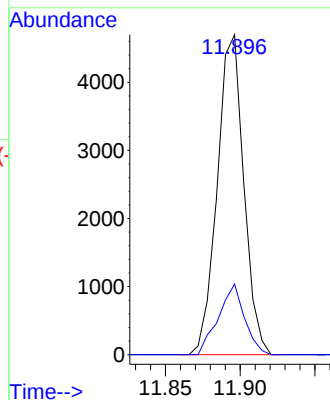
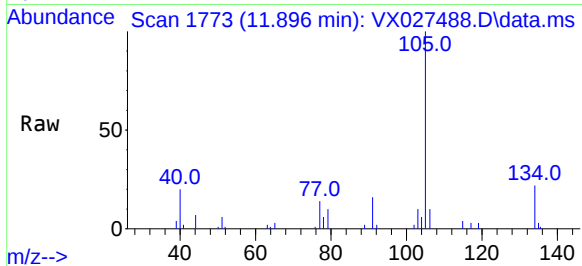




#85
 sec-Butylbenzene
 Concen: 0.342 ug/l
 RT: 11.896 min Scan# 1773
 Delta R.T. 0.006 min
 Lab File: VX027488.D
 Acq: 17 Mar 2022 14:33

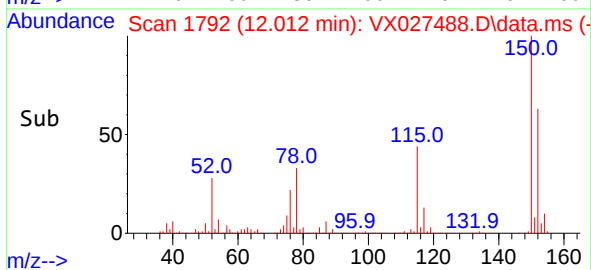
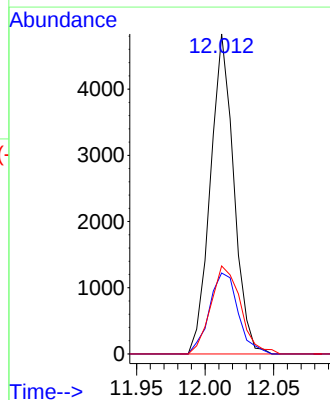
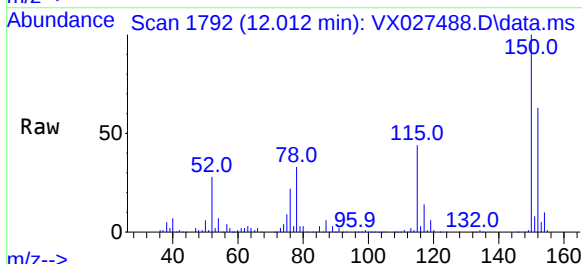
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

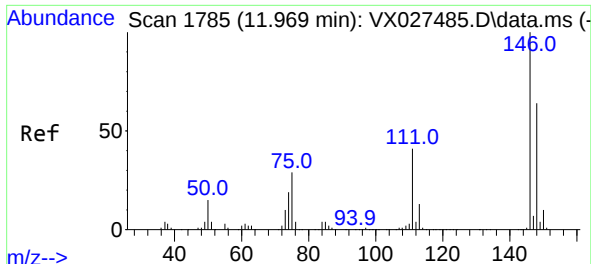
Tgt Ion:105 Resp: 5799
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.393 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX027488.D
 Acq: 17 Mar 2022 14:33

Tgt Ion:119 Resp: 5725
 Ion Ratio Lower Upper
 119 100
 134 31.2 13.0 39.0
 91 35.0 11.3 33.9#





#87

1,3-Dichlorobenzene

Concen: 0.545 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX027488.D

Acq: 17 Mar 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

IBLK

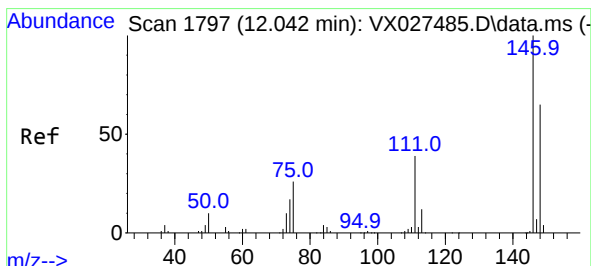
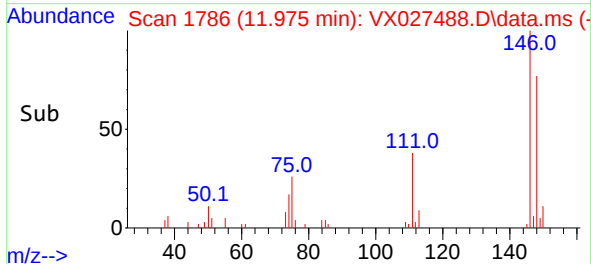
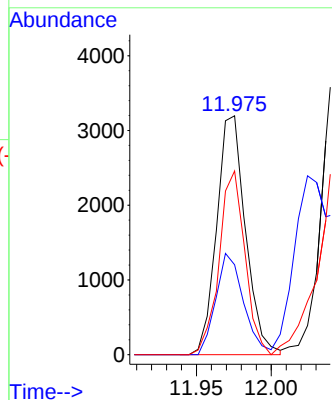
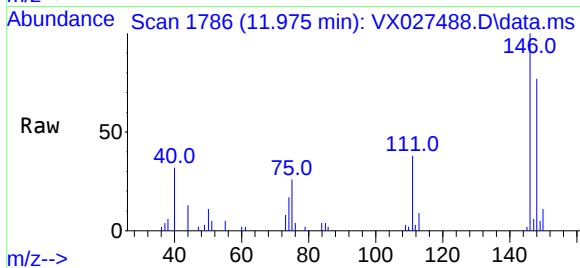
Tgt Ion:146 Resp: 4287

Ion Ratio Lower Upper

146 100

111 40.9 19.7 59.1

148 68.9 31.6 94.7



#88

1,4-Dichlorobenzene

Concen: 0.539 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX027488.D

Acq: 17 Mar 2022 14:33

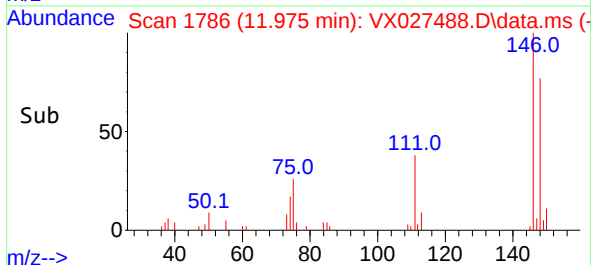
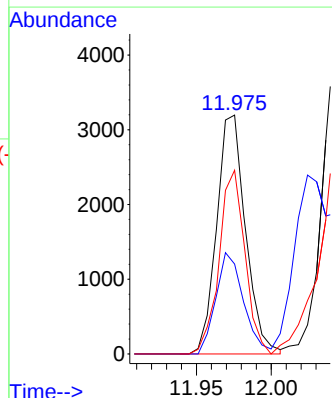
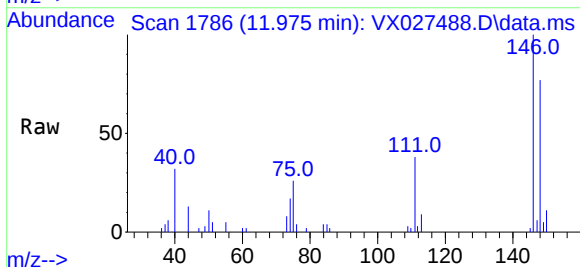
Tgt Ion:146 Resp: 4287

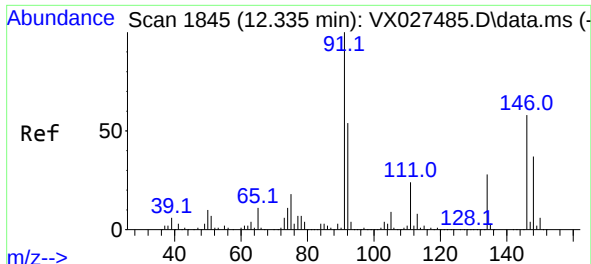
Ion Ratio Lower Upper

146 100

111 40.9 19.2 57.6

148 68.9 32.3 96.9





#89

n-Butylbenzene

Concen: 0.561 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX027488.D

Acq: 17 Mar 2022 14:33

Instrument :

MSVOA_X

ClientSampleId :

IBLK

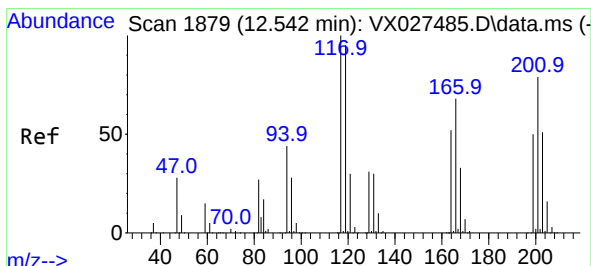
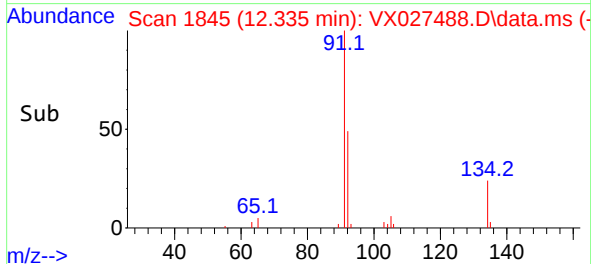
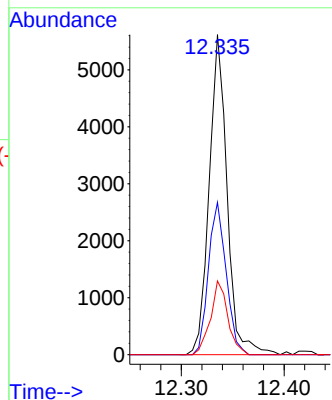
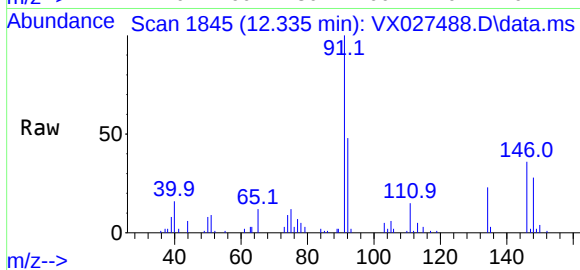
Tgt Ion: 91 Resp: 6818

Ion Ratio Lower Upper

91 100

92 47.0 27.8 83.3

134 22.4 13.3 39.8



#90

Hexachloroethane

Concen: 0.238 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VX027488.D

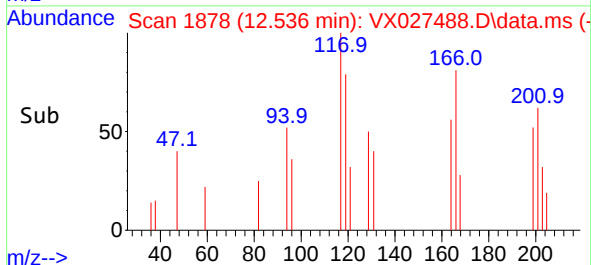
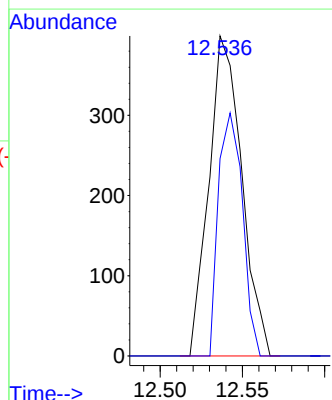
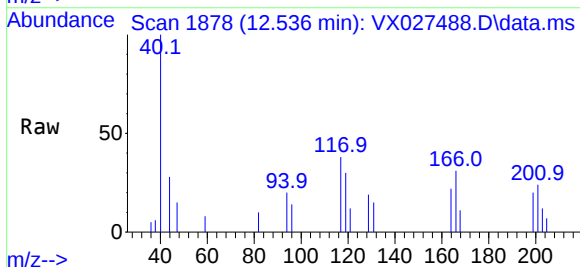
Acq: 17 Mar 2022 14:33

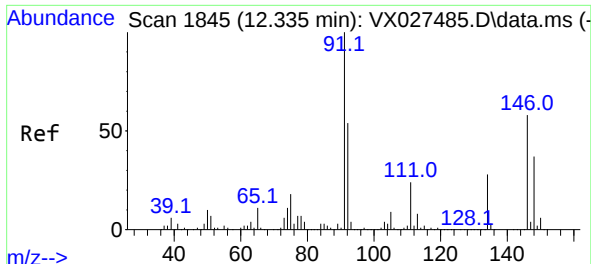
Tgt Ion: 117 Resp: 554

Ion Ratio Lower Upper

117 100

201 55.6 39.5 118.5



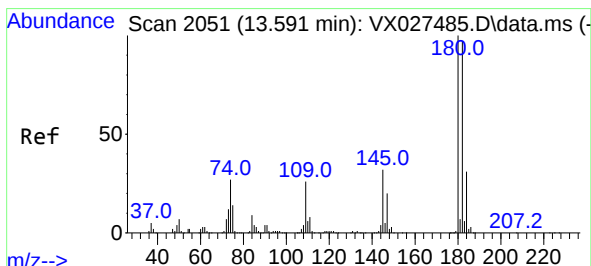
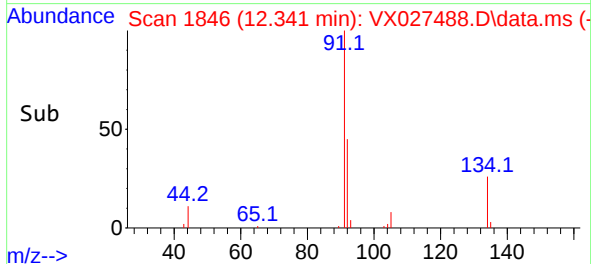
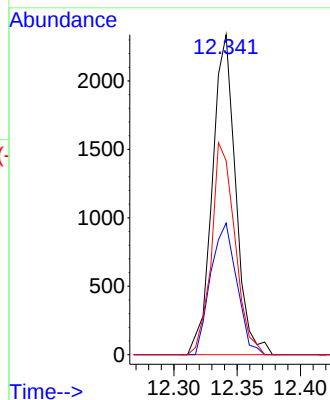
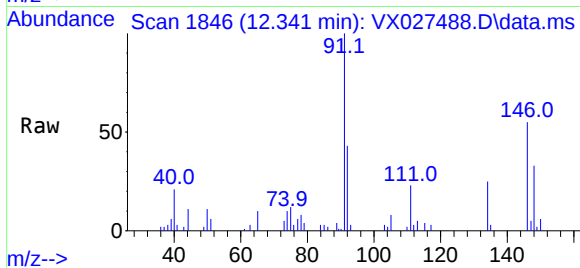


#91
1,2-Dichlorobenzene
Concen: 0.390 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:146 Resp: 2998

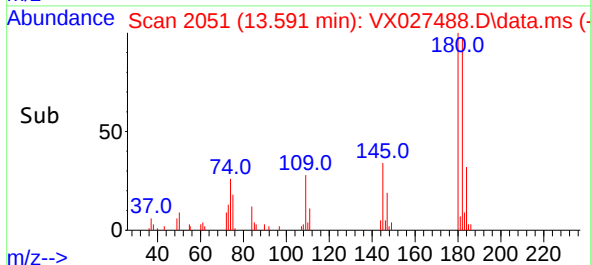
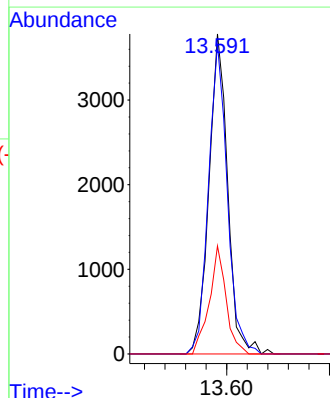
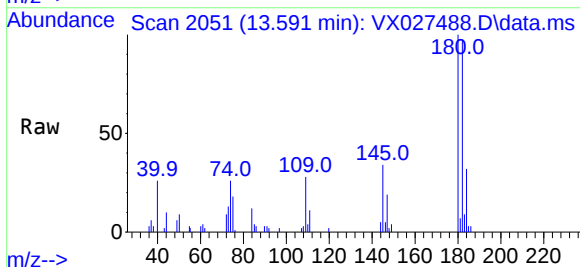
Ion	Ratio	Lower	Upper
146	100		
111	45.8	21.0	63.0
148	66.6	32.6	97.7

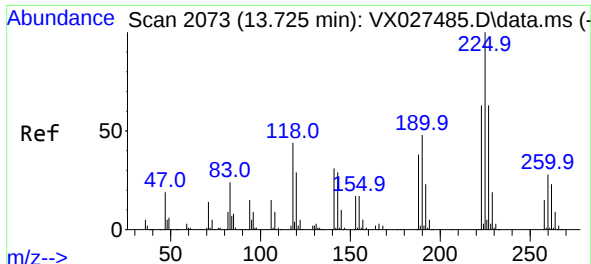


#93
1,2,4-Trichlorobenzene
Concen: 0.972 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

Tgt Ion:180 Resp: 4785

Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.7	143.1
145	30.3	15.2	45.5

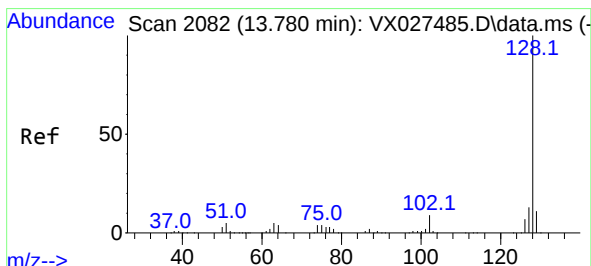
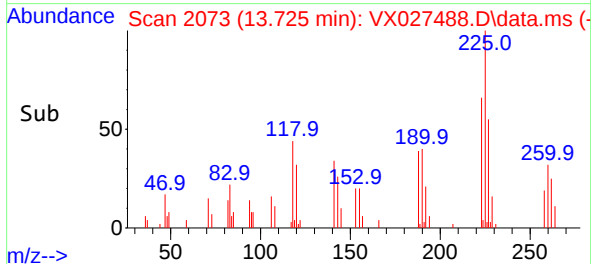
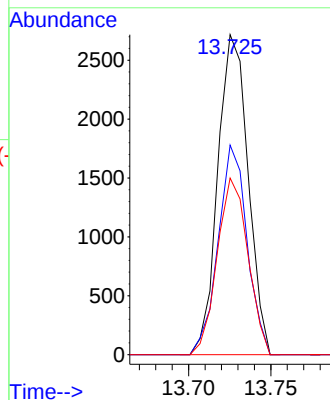
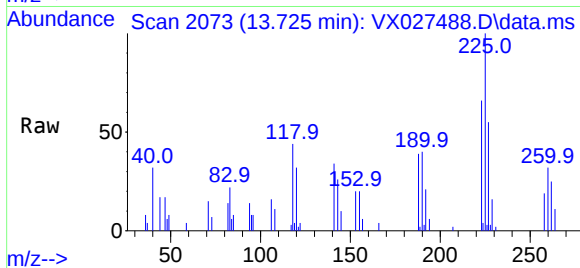




#94
Hexachlorobutadiene
Concen: 1.598 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

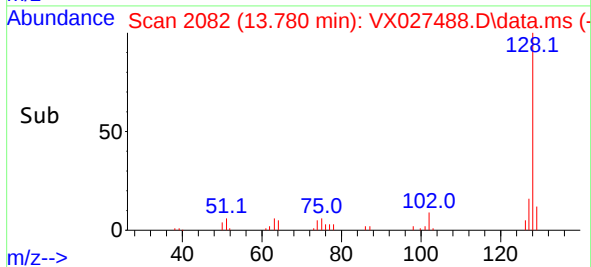
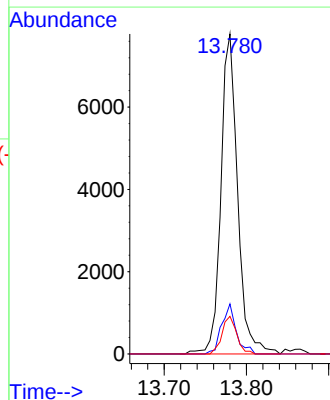
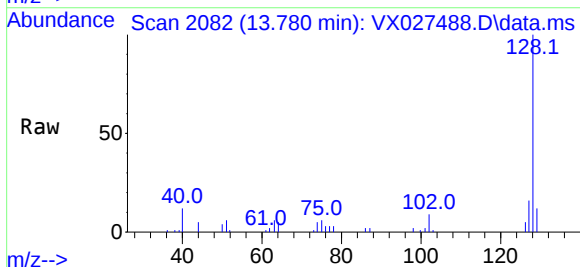
Instrument :
MSVOA_X
ClientSampleId :
IBLK

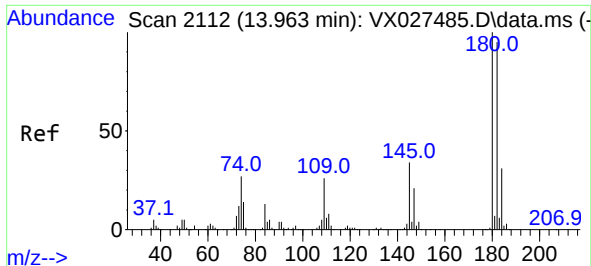
Tgt Ion:225 Resp: 3474
Ion Ratio Lower Upper
225 100
223 62.7 34.2 102.5
227 55.9 33.9 101.7



#95
Naphthalene
Concen: 0.686 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027488.D
Acq: 17 Mar 2022 14:33

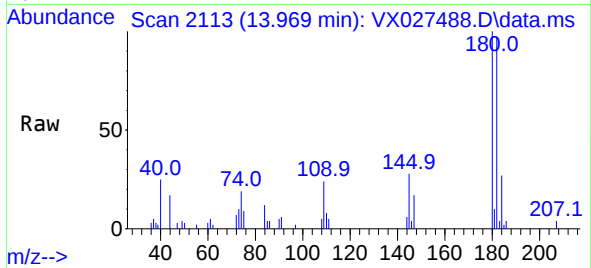
Tgt Ion:128 Resp: 10988
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 10.3 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.875 ug/l
 RT: 13.969 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX027488.D
 Acq: 17 Mar 2022 14:33

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 4358

Ion	Ratio	Lower	Upper
180	100		
182	95.9	50.0	149.8
145	33.8	16.2	48.5

