

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
 Data File : VX027728.D
 Acq On : 26 Mar 2022 15:39
 Operator : JC/MD
 Sample : N2028-11DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP031722DL

Quant Time: Mar 28 05:17:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	62622	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	114159	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102010	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	53902	52.480	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	=	104.960%	
35) Dibromofluoromethane	5.391	113	37697	50.285	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	=	100.560%	
50) Toluene-d8	8.653	98	142838	49.289	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	=	98.580%	
62) 4-Bromofluorobenzene	11.079	95	54521	46.365	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	=	92.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.368	50	217	0.288	ug/l #	42
5) Bromomethane	1.605	94	42	0.145	ug/l #	3
6) Chloroethane	1.721	64	345	0.744	ug/l #	43
10) Methyl Iodide	2.459	142	187	3.102	ug/l #	57
11) Tert butyl alcohol	2.971	59	1504	7.865	ug/l #	72
13) Acrolein	2.160	56	196	1.464	ug/l #	1
14) Allyl chloride	2.727	41	1516	1.205	ug/l #	25
15) Acrylonitrile	3.105	53	875	1.868	ug/l #	44
16) Acetone	2.386	43	4108	9.457	ug/l #	85
17) Carbon Disulfide	2.514	76	225	0.126	ug/l #	75
18) Methyl Acetate	2.703	43	848	0.763	ug/l #	46
19) Methyl tert-butyl Ether	3.123	73	2079	0.851	ug/l #	1
20) Methylene Chloride	2.794	84	319	0.412	ug/l #	74
22) Diisopropyl ether	3.764	45	573	0.229	ug/l #	68
23) Vinyl Acetate	3.757	43	287	0.131	ug/l #	66
25) 2-Butanone	4.574	43	2322	3.329	ug/l #	83
26) 2,2-Dichloropropane	4.312	77	274	0.252	ug/l #	52
29) Tetrahydrofuran	5.123	42	41	Below Cal	#	1
30) Chloroform	5.172	83	1257	0.883	ug/l #	17
31) Cyclohexane	5.483	56	17046	13.687	ug/l #	77
36) 1,1-Dichloropropene	5.556	75	6339	5.353	ug/l #	50
37) Ethyl Acetate	4.574	43	2322	1.685	ug/l #	65
38) Carbon Tetrachloride	5.556	117	7391	6.387	ug/l #	16
39) Methylcyclohexane	7.385	83	19343	14.201	ug/l #	86
40) Benzene	6.044	78	305952	93.537	ug/l	99
41) Methacrylonitrile	4.940	41	227	0.314	ug/l #	31
42) 1,2-Dichloroethane	6.099	62	4796	3.449	ug/l	92
43) Isopropyl Acetate	6.361	43	1018	0.489	ug/l #	56
45) 1,2-Dichloropropane	7.421	63	20	0.023	ug/l #	42
47) Bromodichloromethane	7.769	83	312	0.259	ug/l #	86
48) Methyl methacrylate	7.653	41	2955	Below Cal		91
51) 4-Methyl-2-Pentanone	8.616	43	5401	3.780	ug/l #	52
52) Toluene	8.720	92	258082	126.210	ug/l	100
53) t-1,3-Dichloropropene	8.720	75	3294	4.039	ug/l #	1
55) 1,1,2-Trichloroethane	9.196	97	112	0.135	ug/l #	1
56) Ethyl methacrylate	9.110	69	1541	1.135	ug/l #	32

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

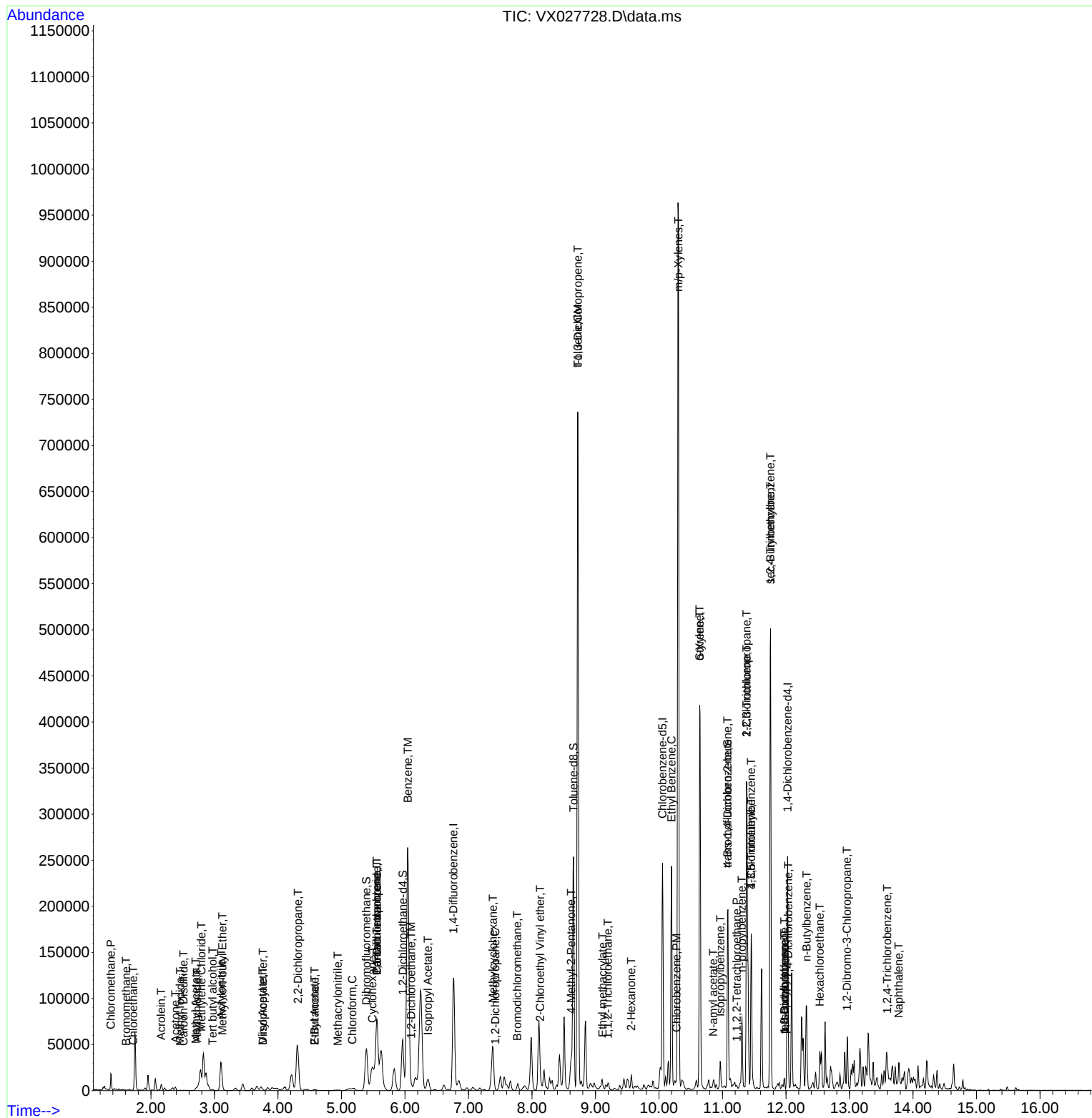
58) 2-Chloroethyl Vinyl ether	8.129	63	92	0.132	ug/l #	45
59) 2-Hexanone	9.561	43	2166	1.940	ug/l	87
65) Chlorobenzene	10.275	112	42	0.020	ug/l #	42
67) Ethyl Benzene	10.195	91	129215	32.280	ug/l	97
68) m/p-Xylenes	10.305	106	212353	146.360	ug/l	89
69) o-Xylene	10.640	106	87107	59.745	ug/l	90
70) Styrene	10.640	104	4430	1.911	ug/l #	1
73) Isopropylbenzene	10.964	105	13480	3.712	ug/l	93
74) N-amyl acetate	10.854	43	473	0.271	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.226	83	372	0.291	ug/l #	25
76) 1,2,3-Trichloropropane	11.378	75	2334	1.896	ug/l #	1
78) n-propylbenzene	11.305	91	45011	10.447	ug/l	97
79) 2-Chlorotoluene	11.378	91	28708	10.569	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	70928	22.725	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	29036	80.292	ug/l #	15
82) 4-Chlorotoluene	11.451	91	8589	2.749	ug/l #	45
83) tert-Butylbenzene	11.976	119	4273	1.490	ug/l	76
84) 1,2,4-Trimethylbenzene	11.756	105	216558	68.360	ug/l	94
85) sec-Butylbenzene	11.756	105	216558	57.656	ug/l #	56
86) p-Isopropyltoluene	11.976	119	4273	1.446	ug/l	92
87) 1,3-Dichlorobenzene	11.976	146	19	0.013	ug/l #	1
88) 1,4-Dichlorobenzene	12.037	146	76	0.049	ug/l #	1
89) n-Butylbenzene	12.323	91	12999	4.645	ug/l #	28
90) Hexachloroethane	12.530	117	1524	3.231	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.957	75	267	0.851	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.591	180	25	0.029	ug/l #	1
95) Naphthalene	13.774	128	15902	5.051	ug/l	98

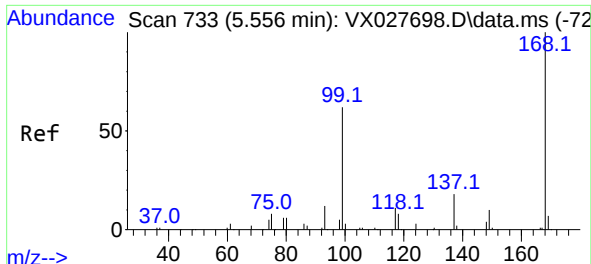
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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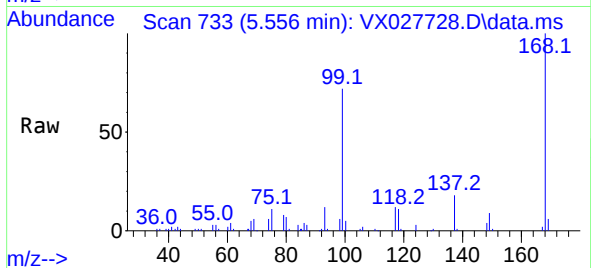
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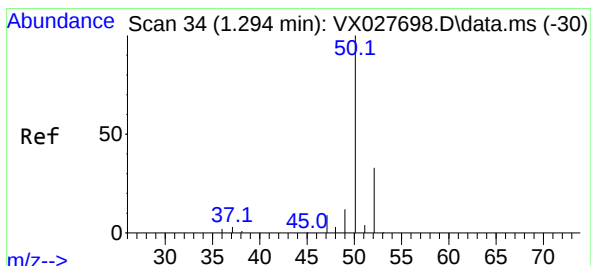
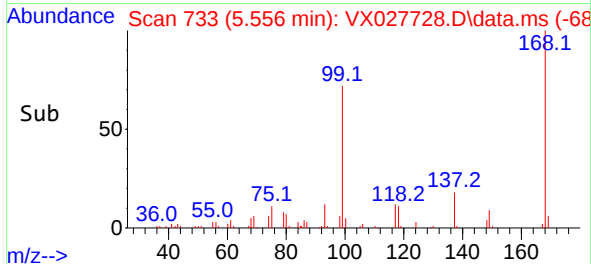
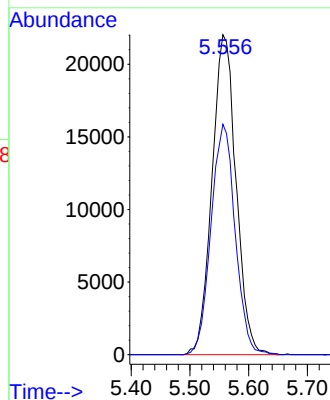


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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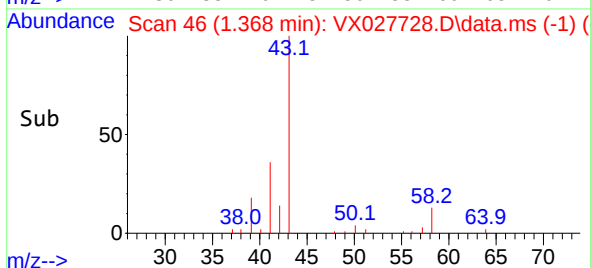
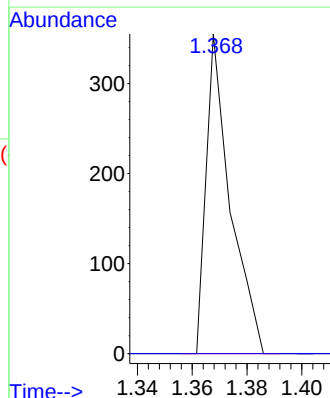
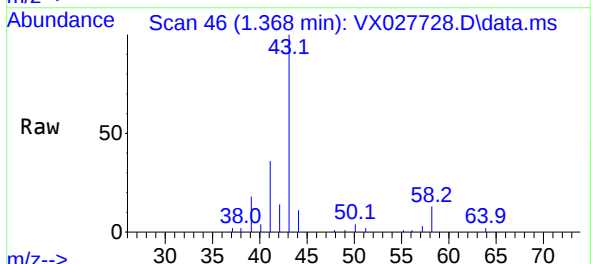


Tgt Ion:168 Resp: 62622
Ion Ratio Lower Upper
168 100
99 72.0 41.7 62.5#

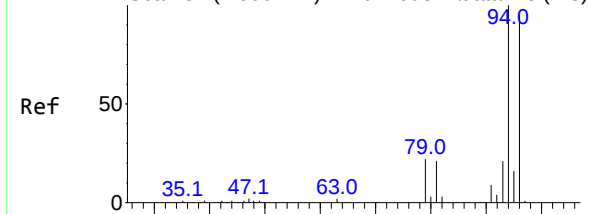


#3
Chloromethane
Concen: 0.288 ug/l
RT: 1.368 min Scan# 46
Delta R.T. 0.074 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 50 Resp: 217
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#



Abundance Scan 84 (1.599 min): VX027698.D\data.ms (-78)



#5

Bromomethane

Concen: 0.145 ug/l

RT: 1.605 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

DUP031722DL

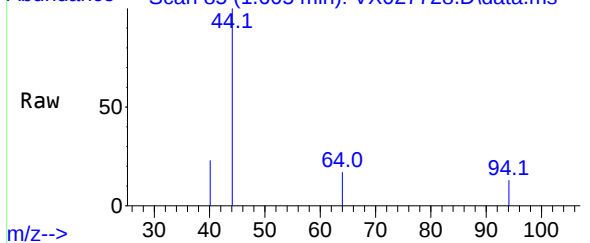
Tgt Ion: 94 Resp: 42

Ion Ratio Lower Upper

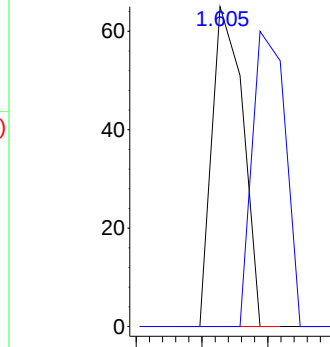
94 100

96 0.0 75.3 112.9#

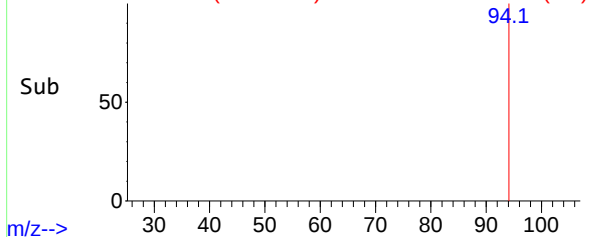
Abundance Scan 85 (1.605 min): VX027728.D\data.ms



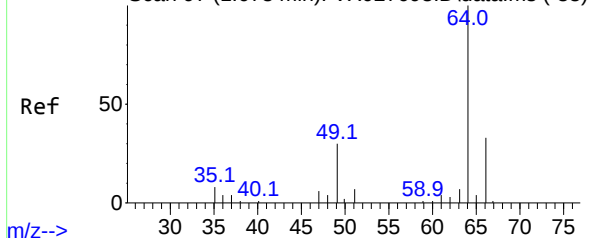
Abundance



Abundance Scan 85 (1.605 min): VX027728.D\data.ms (-35)



Abundance Scan 97 (1.678 min): VX027698.D\data.ms (-88)



#6

Chloroethane

Concen: 0.744 ug/l

RT: 1.721 min Scan# 104

Delta R.T. 0.043 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

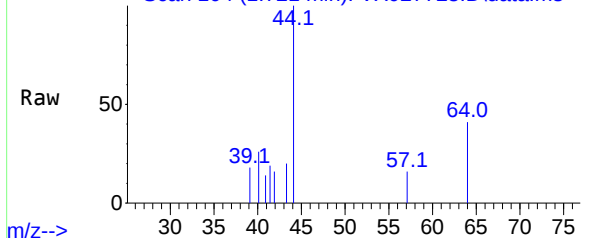
Tgt Ion: 64 Resp: 345

Ion Ratio Lower Upper

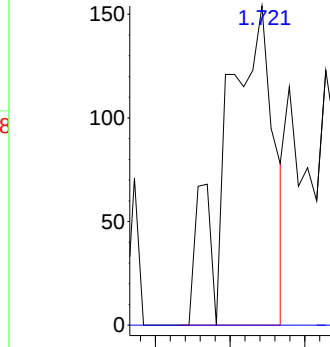
64 100

66 0.0 25.3 37.9#

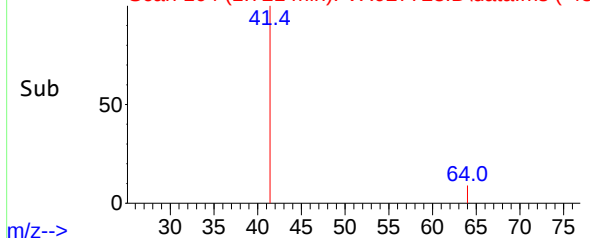
Abundance Scan 104 (1.721 min): VX027728.D\data.ms

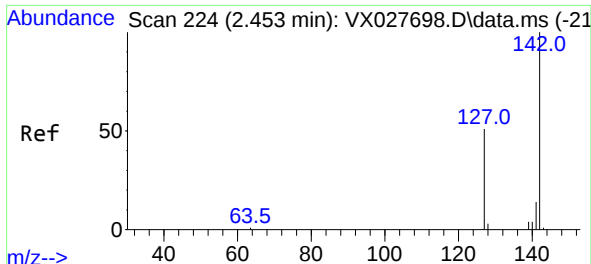


Abundance



Abundance Scan 104 (1.721 min): VX027728.D\data.ms (-48)

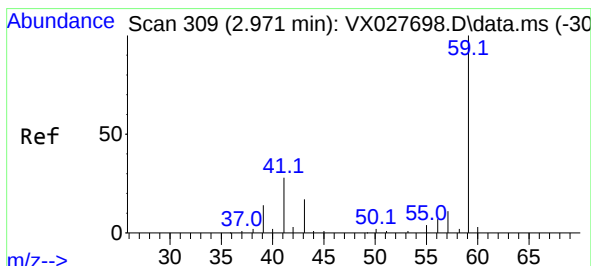
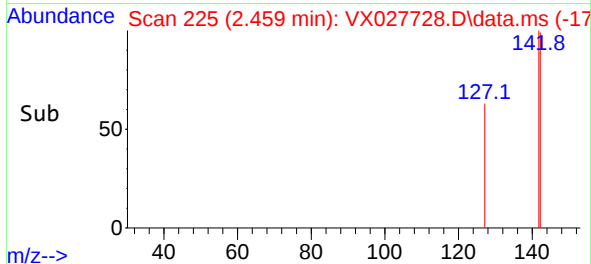
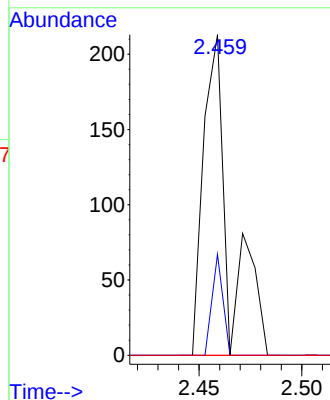
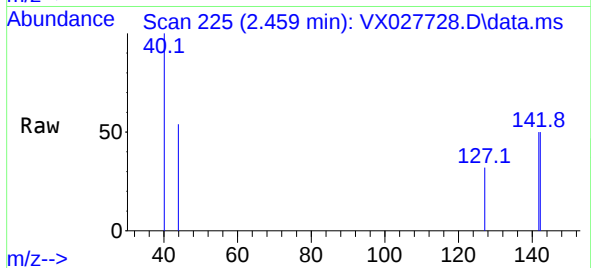




#10
Methyl Iodide
Concen: 3.102 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

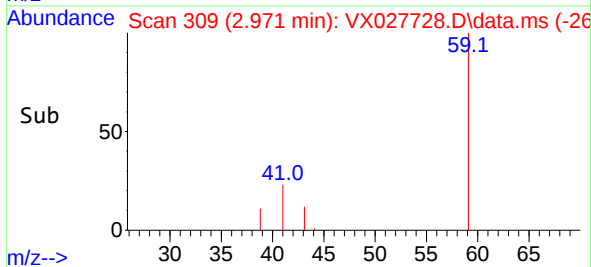
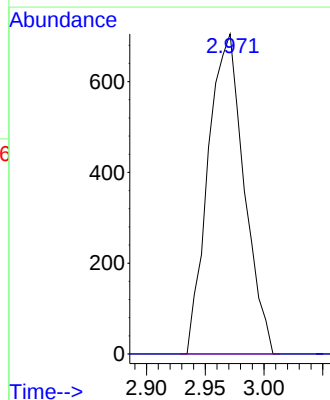
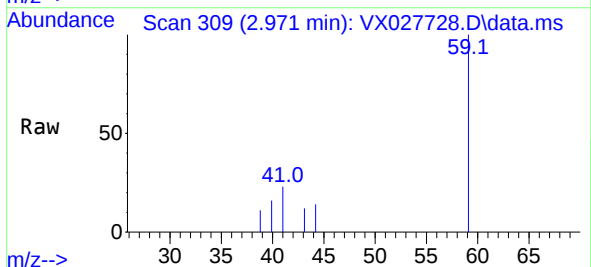
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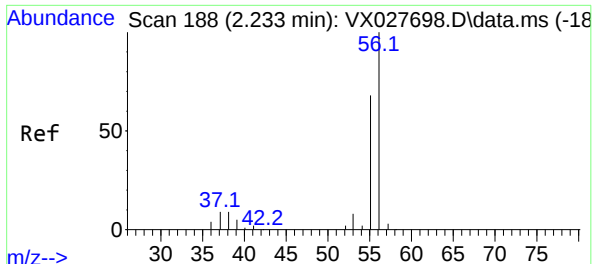
Tgt Ion:142 Resp: 187
Ion Ratio Lower Upper
142 100
127 13.4 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 7.865 ug/l
RT: 2.971 min Scan# 309
Delta R.T. 0.000 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 59 Resp: 1504
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

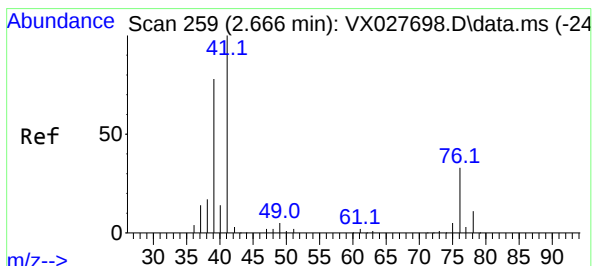
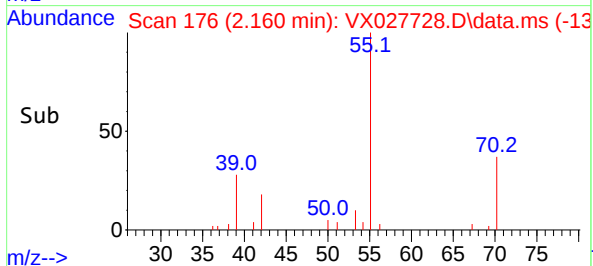
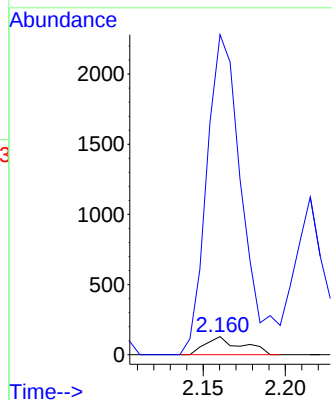
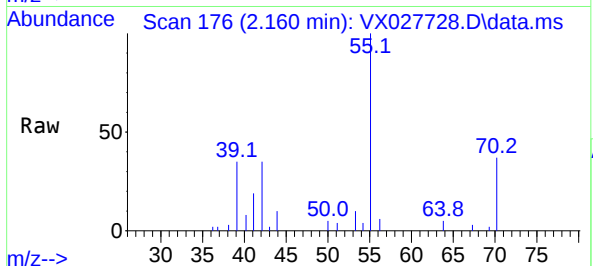




#13
Acrolein
Concen: 1.464 ug/l
RT: 2.160 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

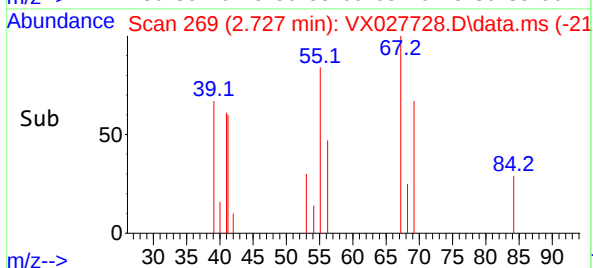
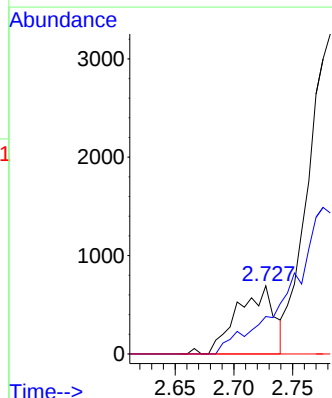
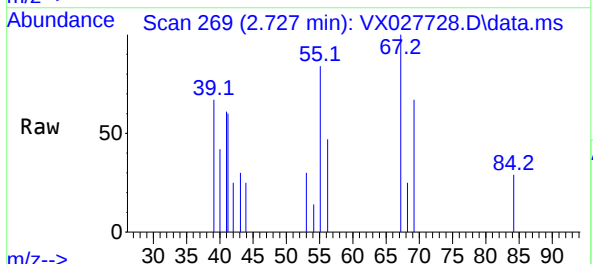
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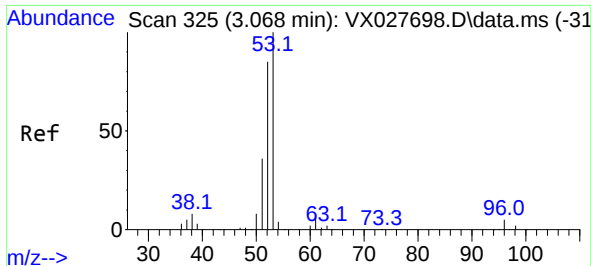
Tgt Ion: 56 Resp: 196
Ion Ratio Lower Upper
56 100
55 1749.5 55.0 82.6#



#14
Allyl chloride
Concen: 1.205 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.061 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 41 Resp: 1516
Ion Ratio Lower Upper
41 100
39 0.0 50.4 75.6#
76 0.0 32.7 49.1#

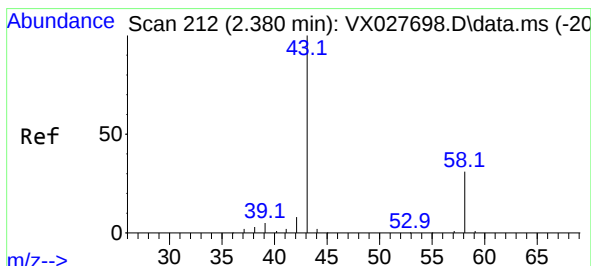
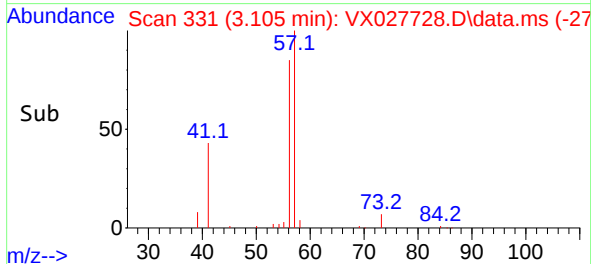
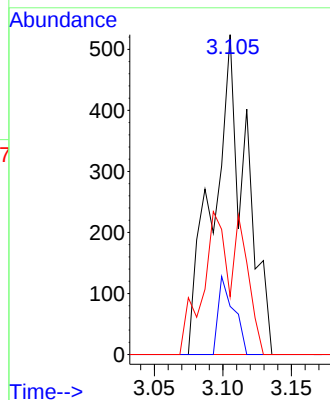
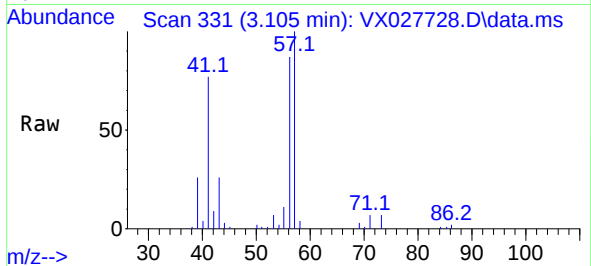




#15
Acrylonitrile
Concen: 1.868 ug/l
RT: 3.105 min Scan# 31
Delta R.T. 0.037 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

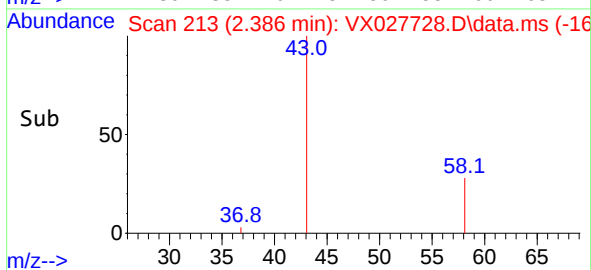
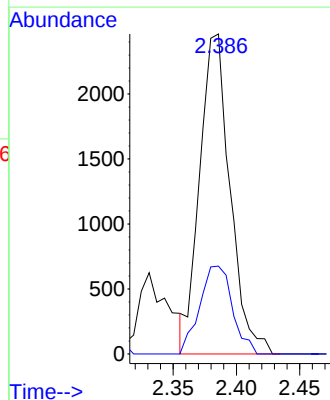
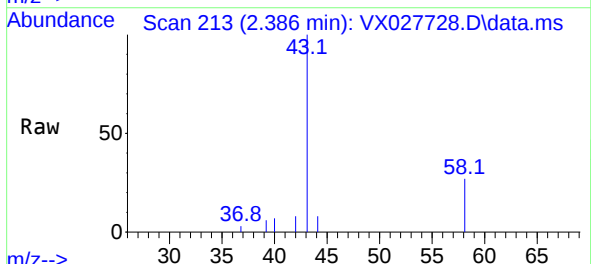
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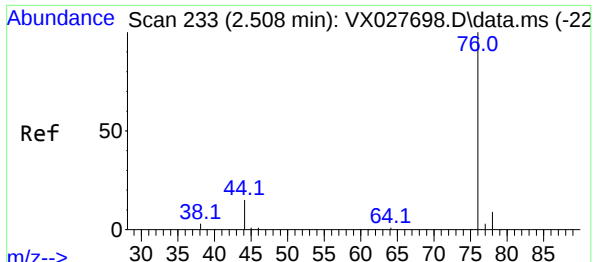
Tgt Ion: 53 Resp: 875
Ion Ratio Lower Upper
53 100
52 11.4 65.7 98.5#
51 33.3 28.4 42.6



#16
Acetone
Concen: 9.457 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 43 Resp: 4108
Ion Ratio Lower Upper
43 100
58 27.5 28.8 43.2#

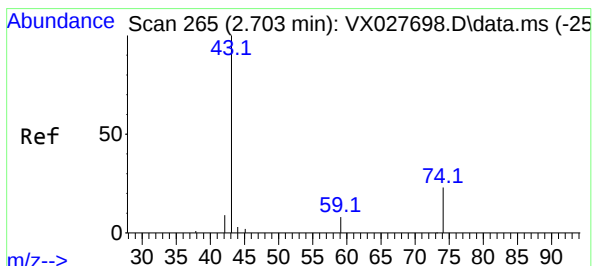
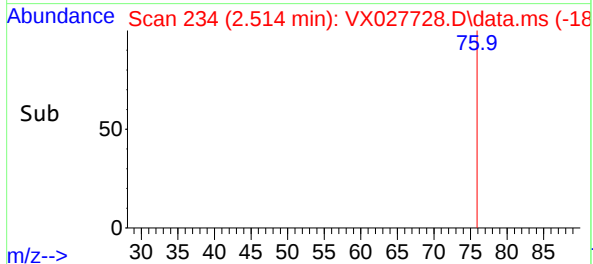
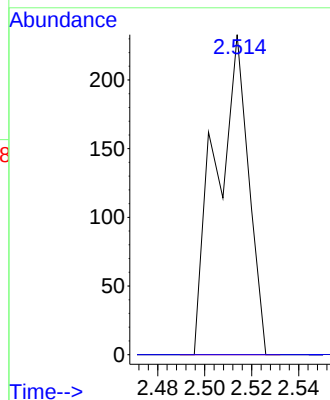
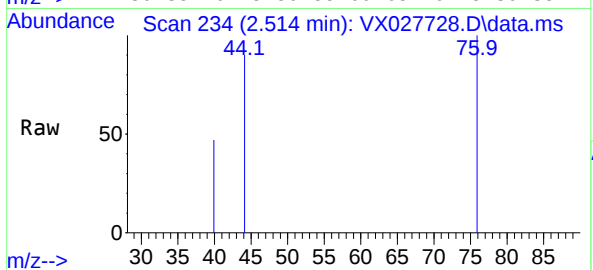




#17
Carbon Disulfide
Concen: 0.126 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

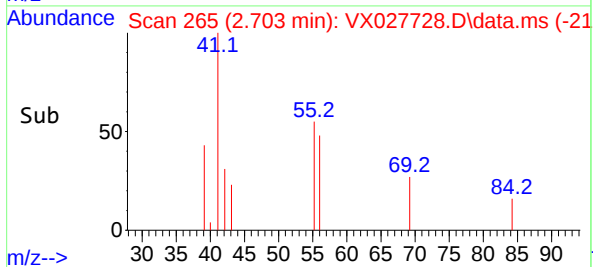
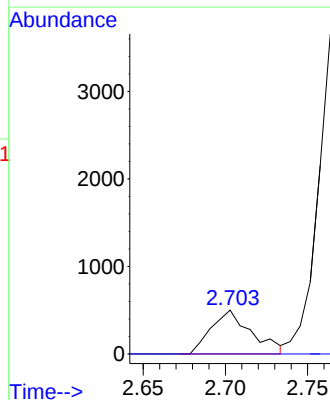
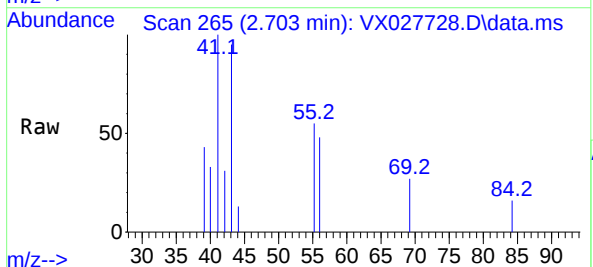
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

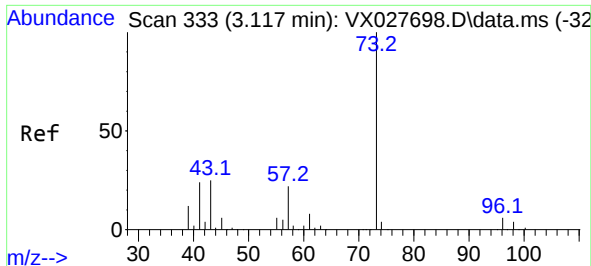
Tgt Ion: 76 Resp: 225
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.763 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

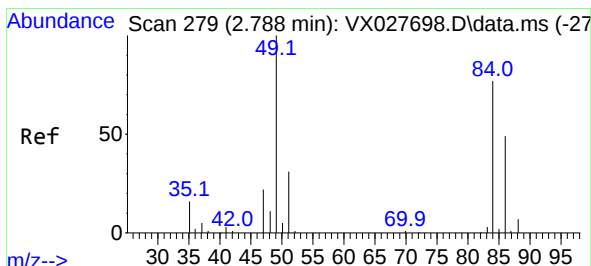
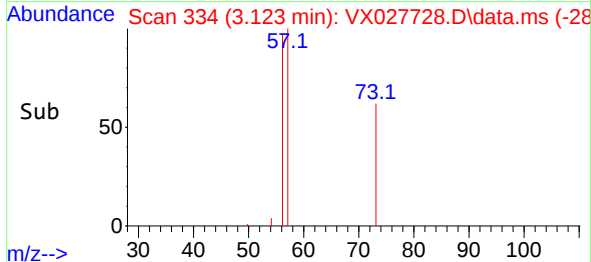
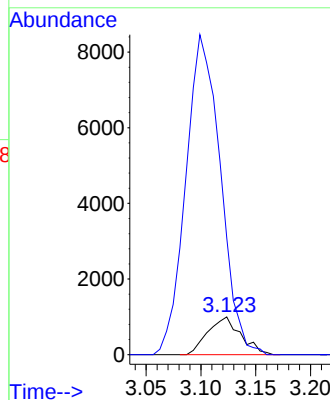
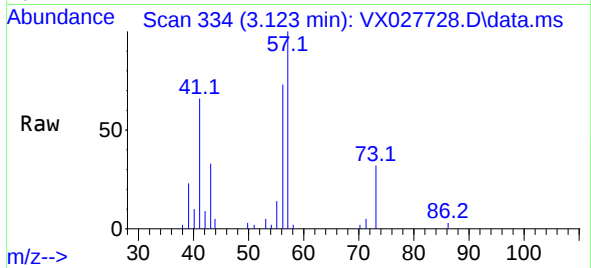




#19
Methyl tert-butyl Ether
Concen: 0.851 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

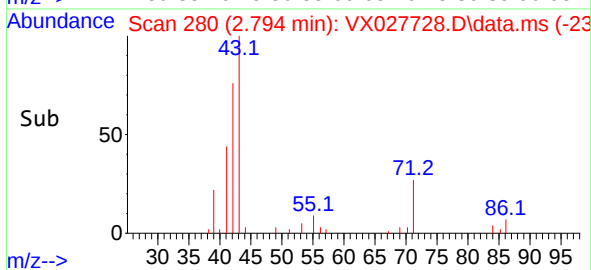
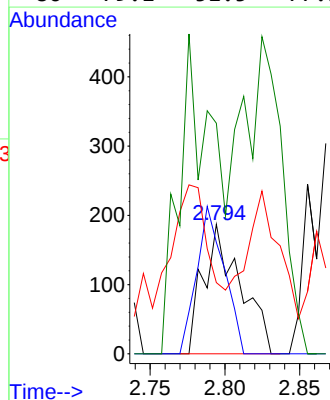
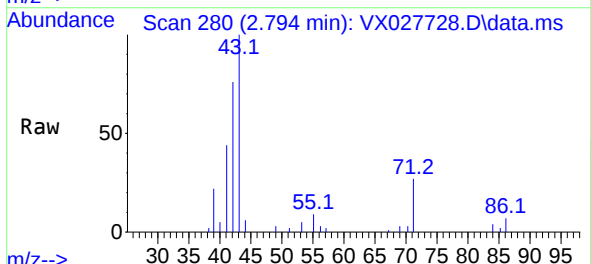
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

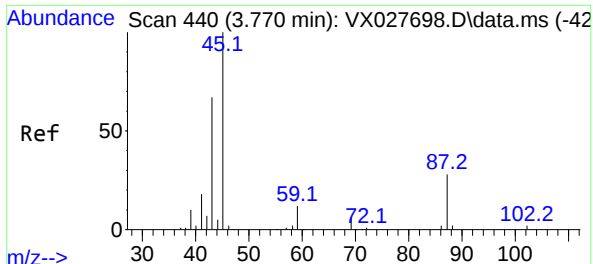
Tgt Ion: 73 Resp: 2079
Ion Ratio Lower Upper
73 100
57 309.4 16.8 25.2#



#20
Methylene Chloride
Concen: 0.412 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 84 Resp: 319
Ion Ratio Lower Upper
84 100
49 86.1 85.5 128.3
51 0.0 26.6 39.8#
86 79.1 51.5 77.3#

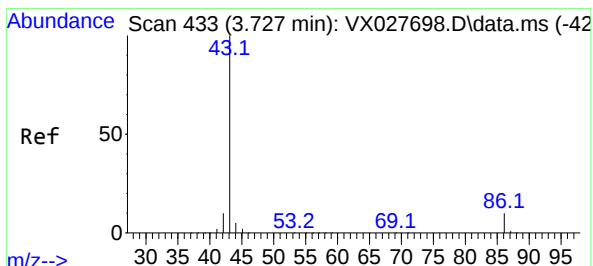
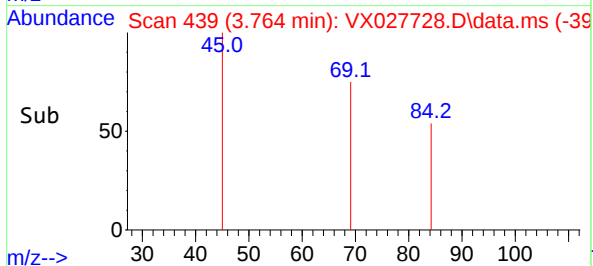
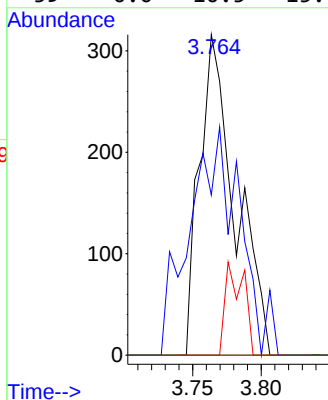
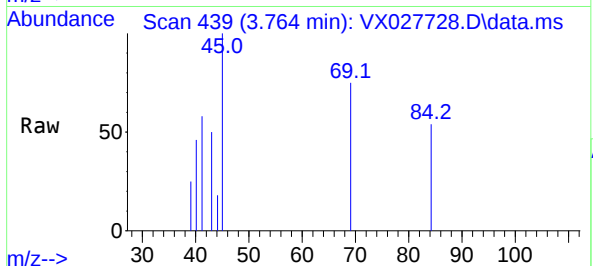




#22
Diisopropyl ether
Concen: 0.229 ug/l
RT: 3.764 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

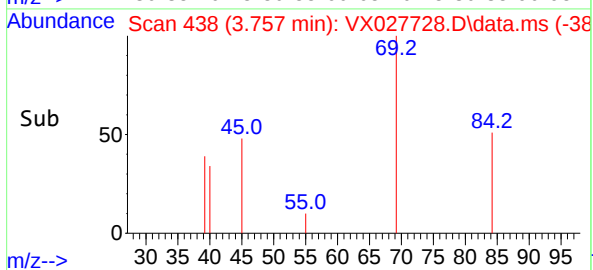
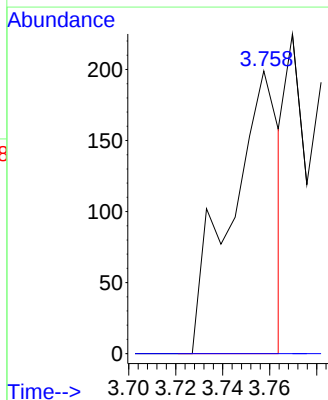
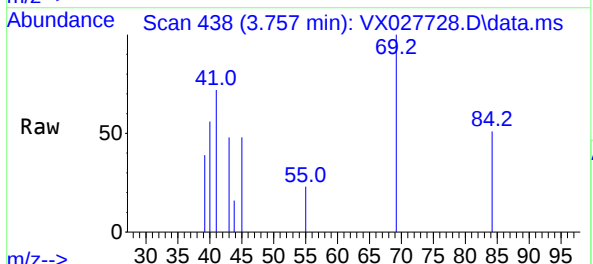
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

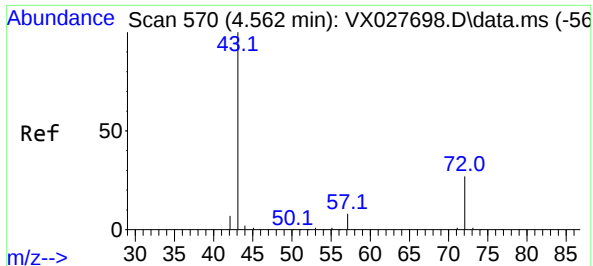
Tgt Ion:	45	Resp:	573
Ion	Ratio	Lower	Upper
45	100		
43	50.0	50.8	76.2#
87	0.0	26.6	39.8#
59	0.0	10.5	15.7#



#23
Vinyl Acetate
Concen: 0.131 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.030 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion:	43	Resp:	287
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.8	16.2#





#25

2-Butanone

Concen: 3.329 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

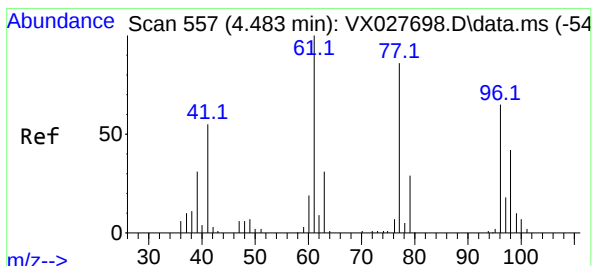
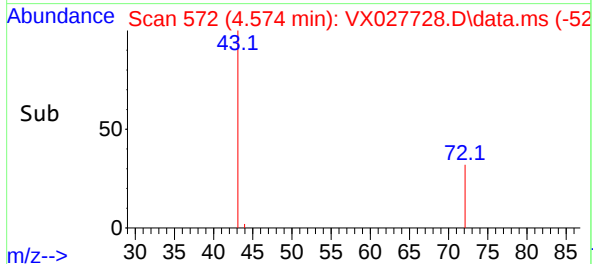
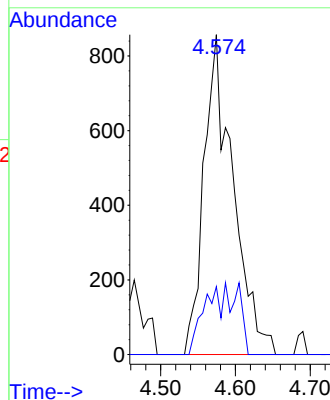
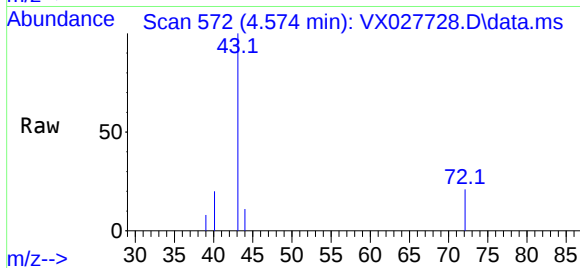
DUP031722DL

Tgt Ion: 43 Resp: 2322

Ion Ratio Lower Upper

43 100

72 21.2 24.4 36.6#



#26

2,2-Dichloropropane

Concen: 0.252 ug/l

RT: 4.312 min Scan# 529

Delta R.T. -0.171 min

Lab File: VX027728.D

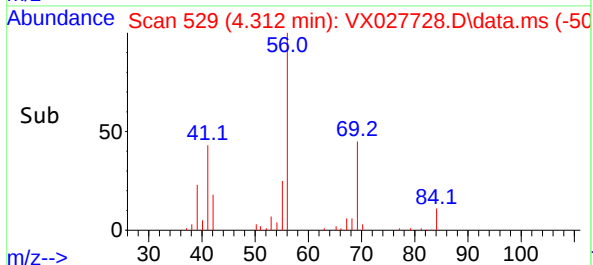
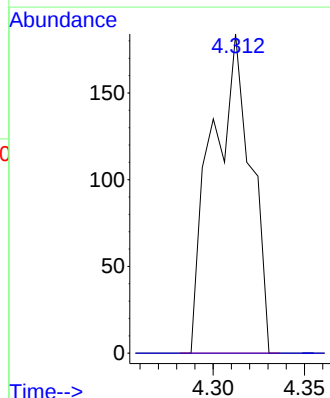
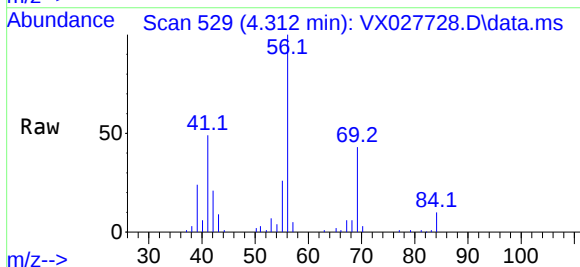
Acq: 26 Mar 2022 15:39

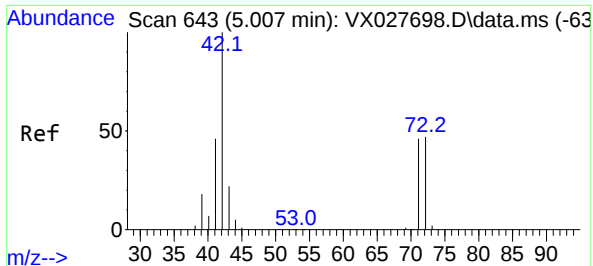
Tgt Ion: 77 Resp: 274

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#





#29

Tetrahydrofuran

Concen: Below Cal

RT: 5.123 min Scan# 60

Delta R.T. 0.116 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

DUP031722DL

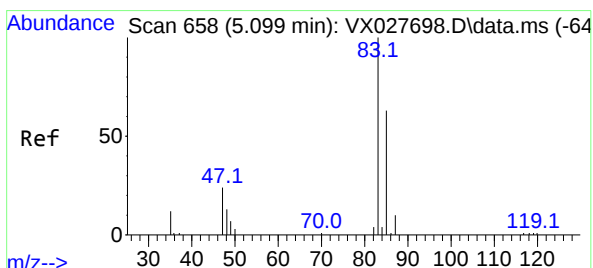
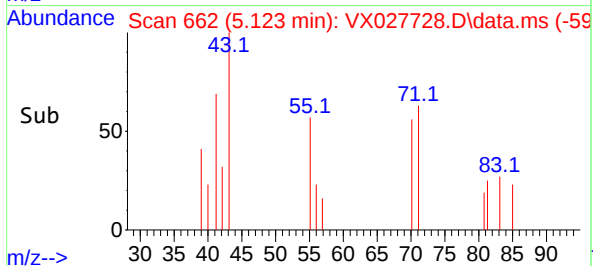
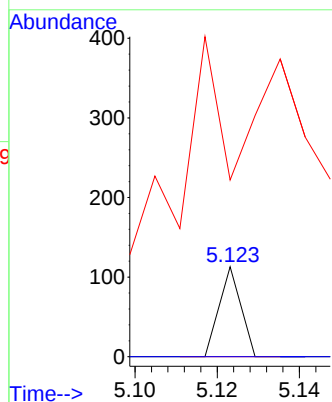
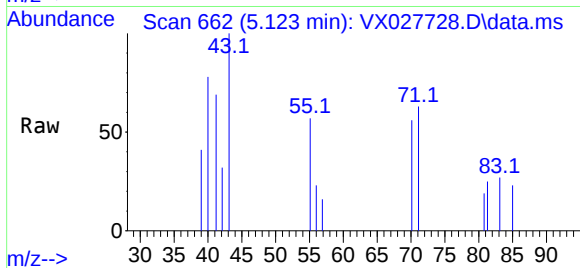
Tgt Ion: 42 Resp: 41

Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

71 1158.5 40.5 60.7#



#30

Chloroform

Concen: 0.883 ug/l

RT: 5.172 min Scan# 670

Delta R.T. 0.073 min

Lab File: VX027728.D

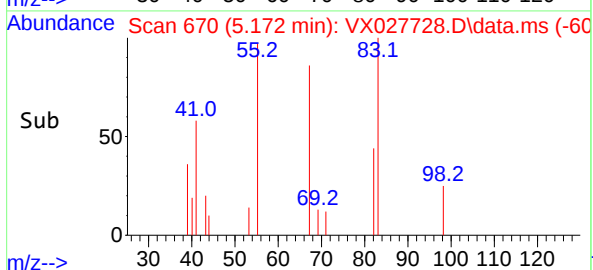
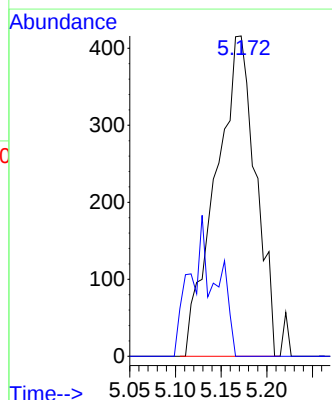
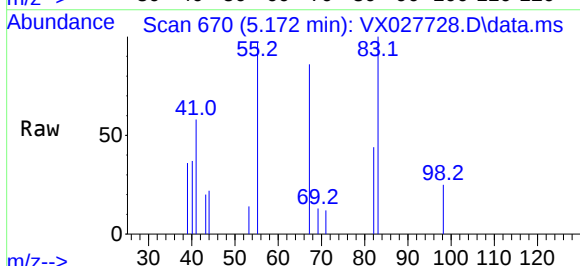
Acq: 26 Mar 2022 15:39

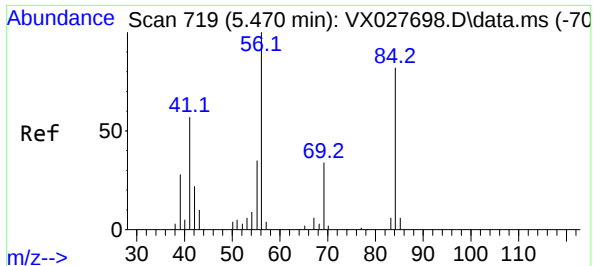
Tgt Ion: 83 Resp: 1257

Ion Ratio Lower Upper

83 100

85 0.0 52.7 79.1#

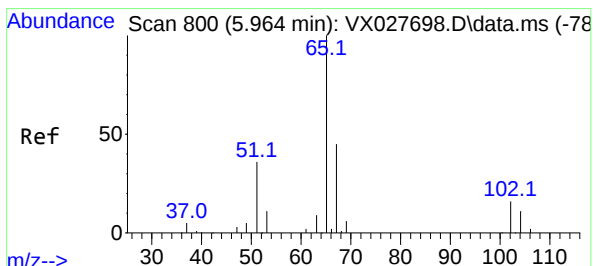
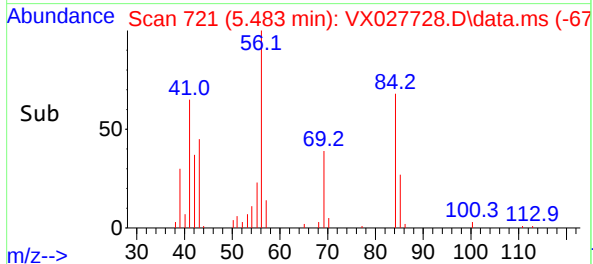
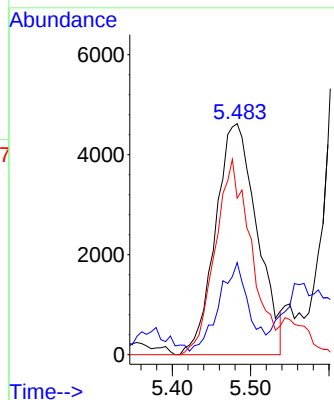
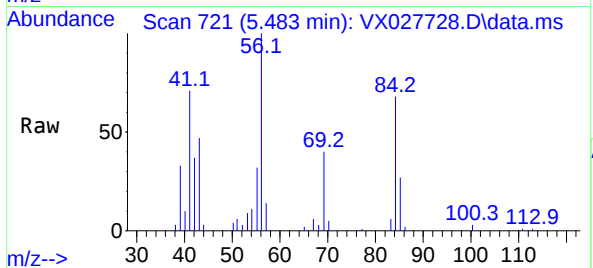




#31
Cyclohexane
Concen: 13.687 ug/l
RT: 5.483 min Scan# 719
Delta R.T. 0.013 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

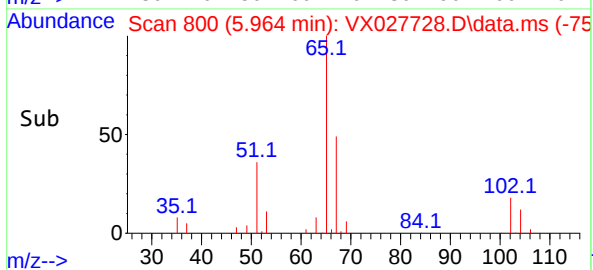
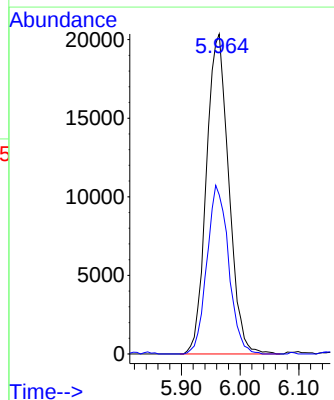
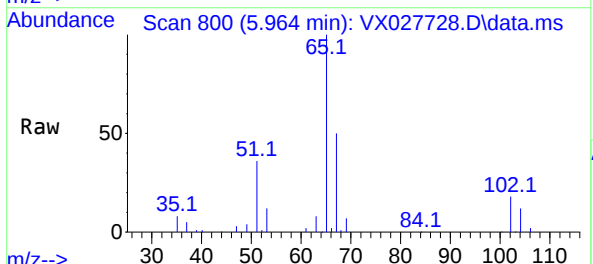
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

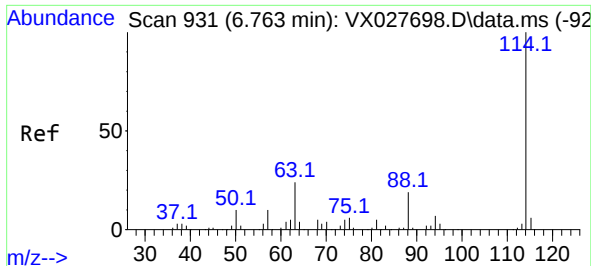
Tgt Ion: 56 Resp: 17046
Ion Ratio Lower Upper
56 100
69 35.7 26.7 40.1
84 67.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 52.480 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 65 Resp: 53902
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.4

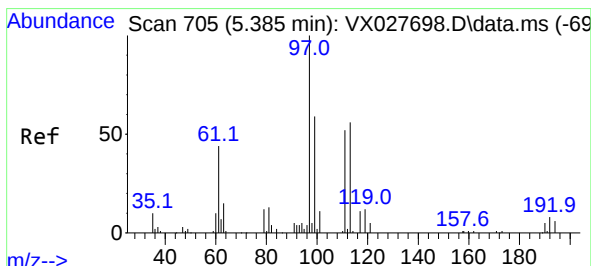
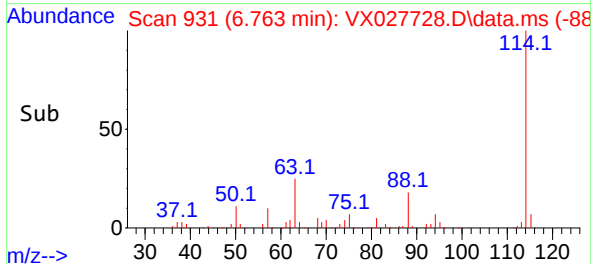
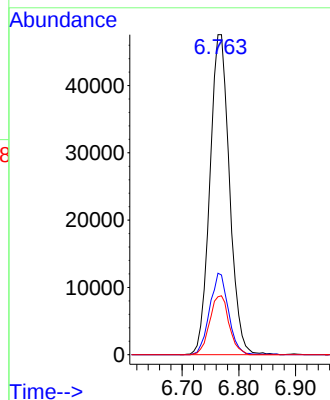
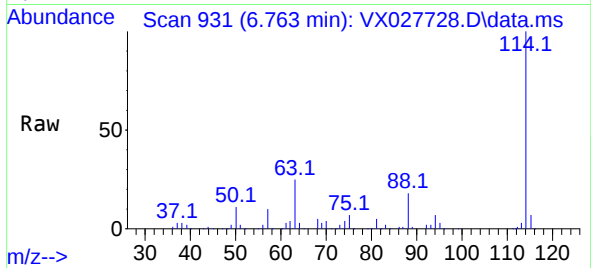




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

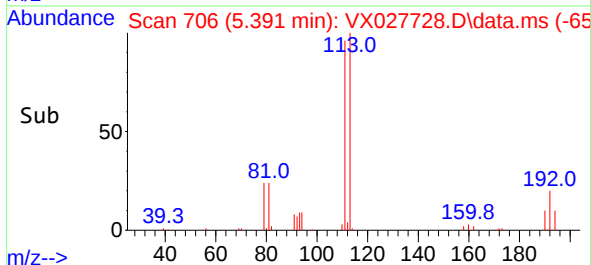
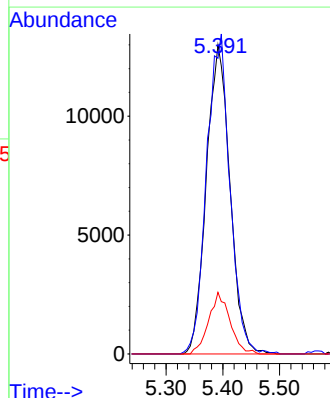
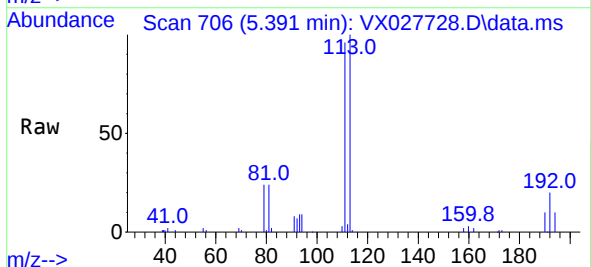
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

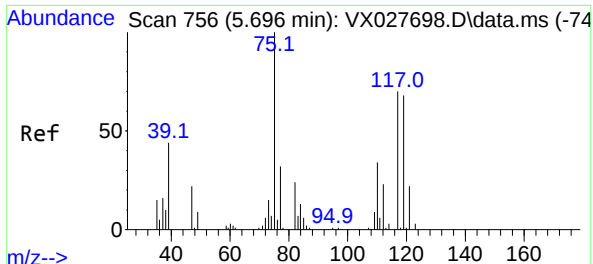
Tgt Ion:114 Resp: 114159
Ion Ratio Lower Upper
114 100
63 25.4 0.0 36.8
88 18.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.285 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion:113 Resp: 37697
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 17.9 16.9 25.3

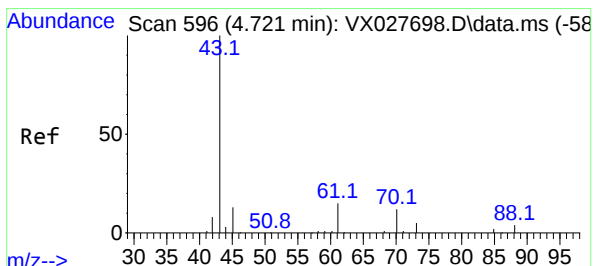
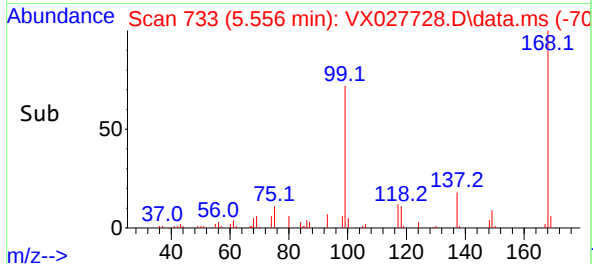
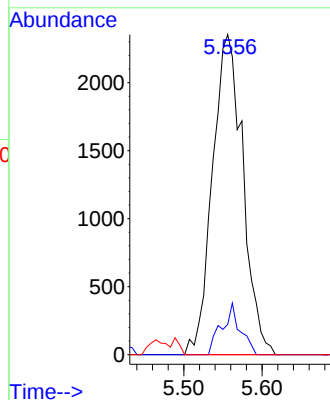
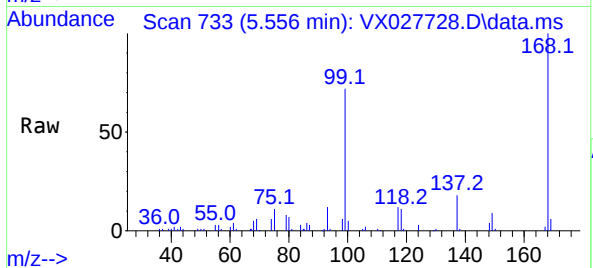




#36
1,1-Dichloropropene
Concen: 5.353 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

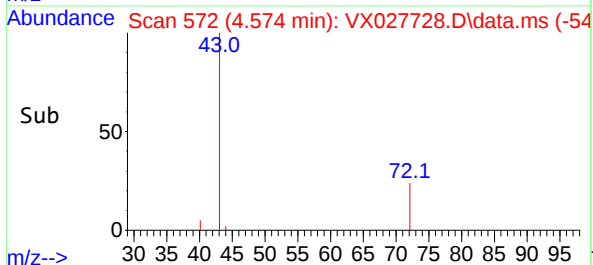
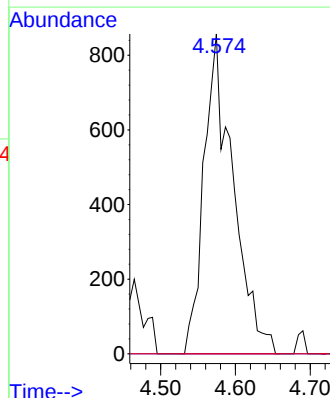
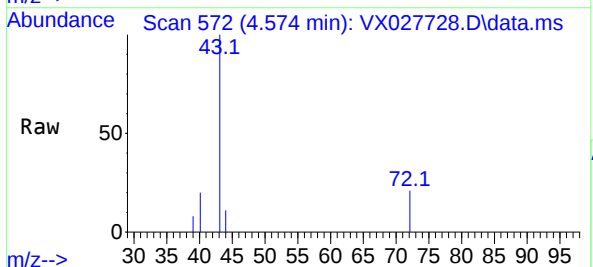
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

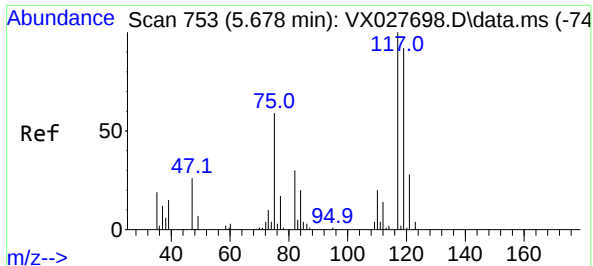
Tgt Ion: 75 Resp: 6339
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 1.685 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.147 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

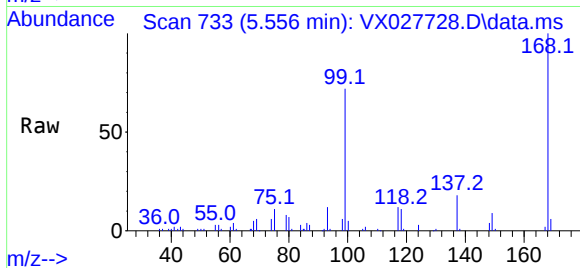
Tgt Ion: 43 Resp: 2322
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 10.2 15.2#



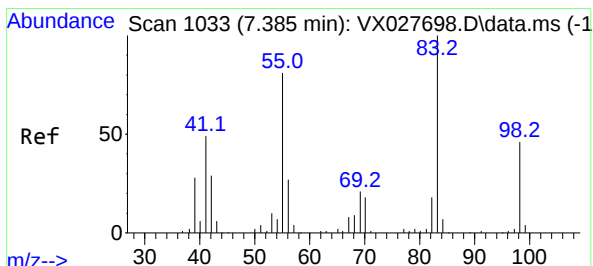
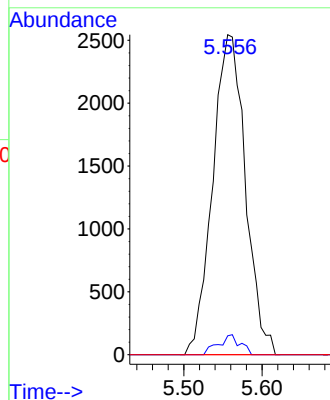
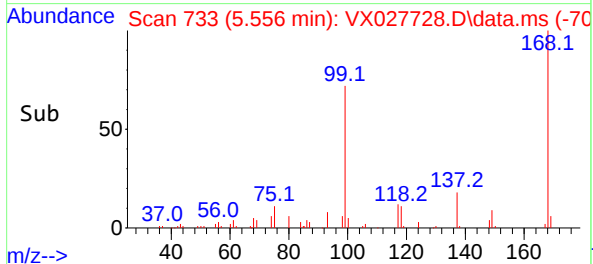


#38
Carbon Tetrachloride
Concen: 6.387 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

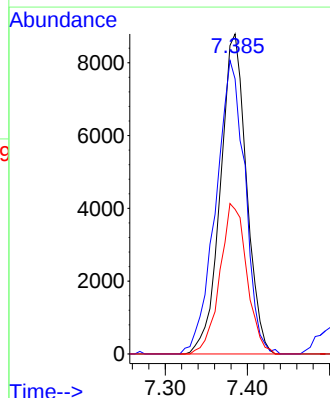
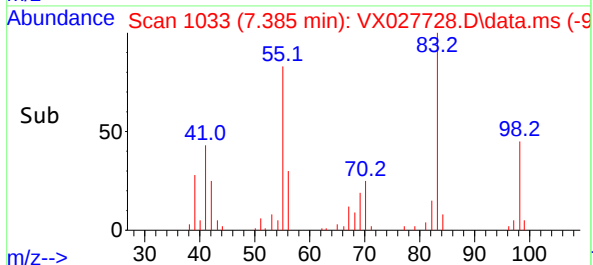
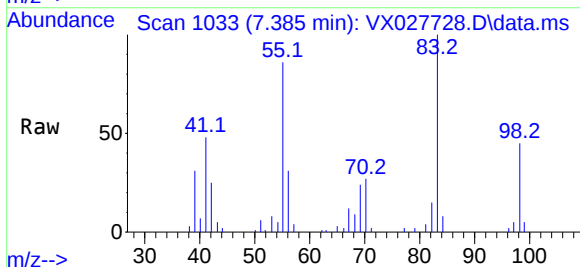


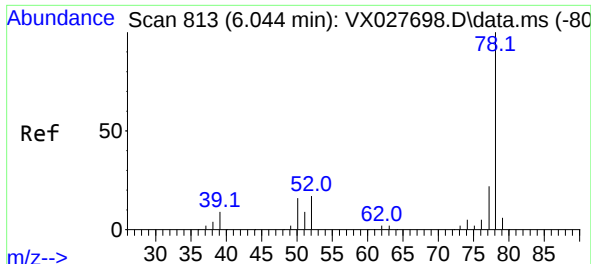
Tgt Ion:117 Resp: 7391
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 14.201 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 83 Resp: 19343
Ion Ratio Lower Upper
83 100
55 86.0 54.6 81.8#
98 45.2 37.4 56.2

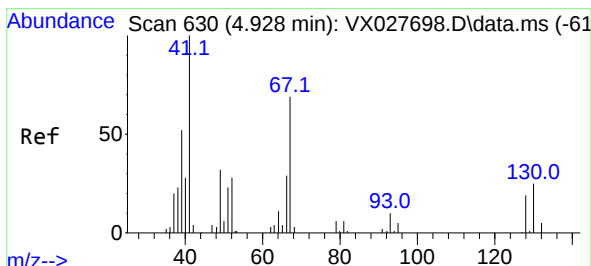
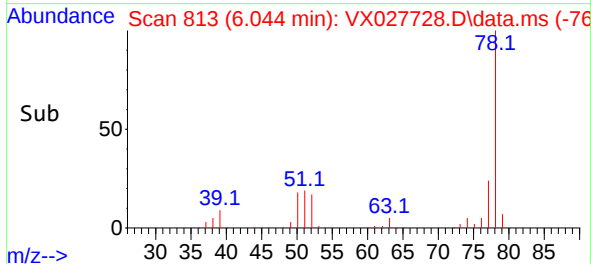
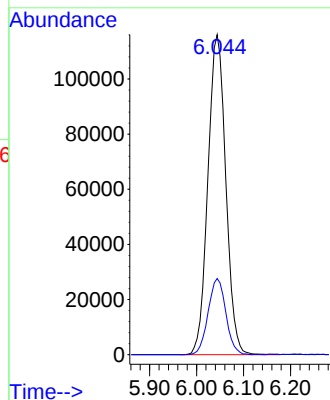
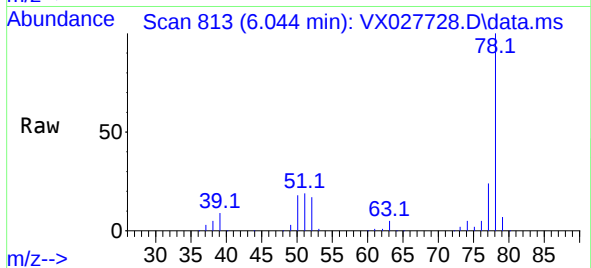




#40
Benzene
Concen: 93.537 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

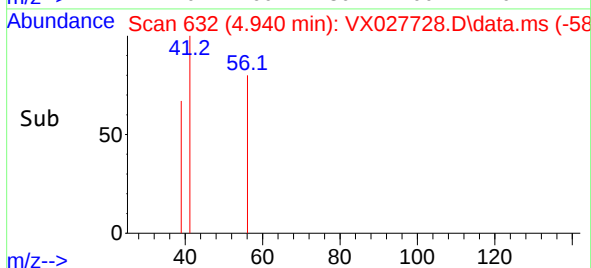
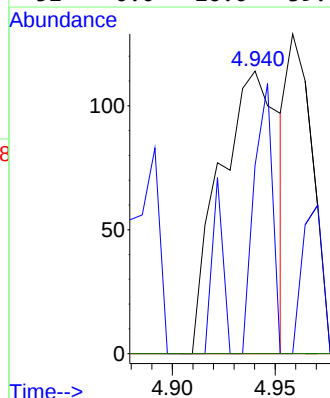
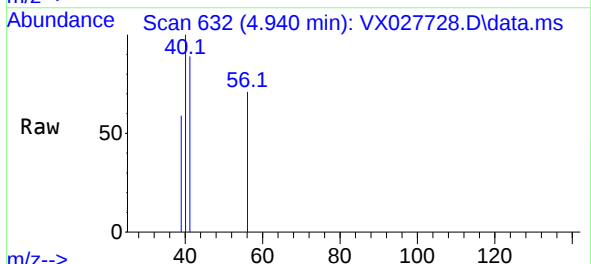
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

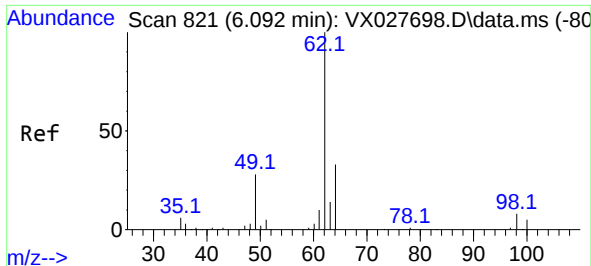
Tgt Ion: 78 Resp: 305952
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9



#41
Methacrylonitrile
Concen: 0.314 ug/l
RT: 4.940 min Scan# 632
Delta R.T. 0.012 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 41 Resp: 227
Ion Ratio Lower Upper
41 100
39 30.0 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#





#42

1,2-Dichloroethane

Concen: 3.449 ug/l

RT: 6.099 min Scan# 81

Delta R.T. 0.007 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

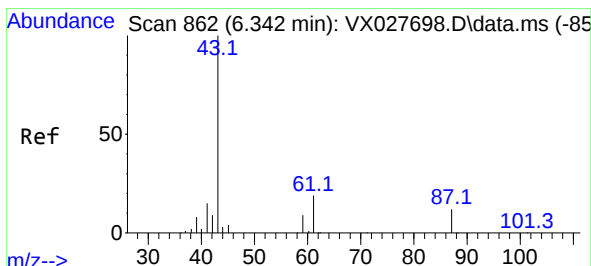
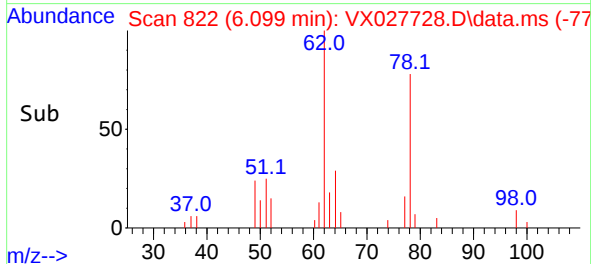
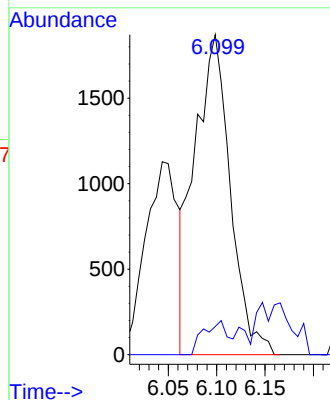
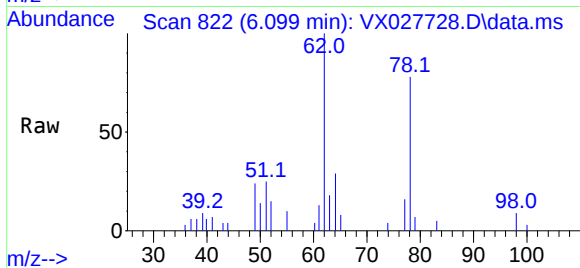
DUP031722DL

Tgt Ion: 62 Resp: 4796

Ion Ratio Lower Upper

62 100

98 7.3 0.0 20.4



#43

Isopropyl Acetate

Concen: 0.489 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.019 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

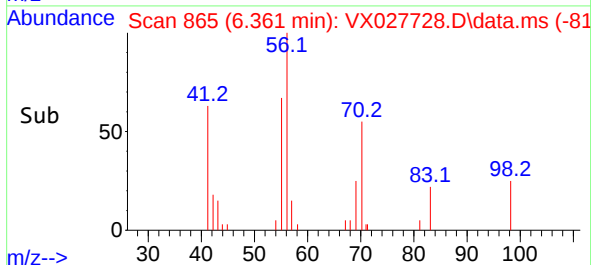
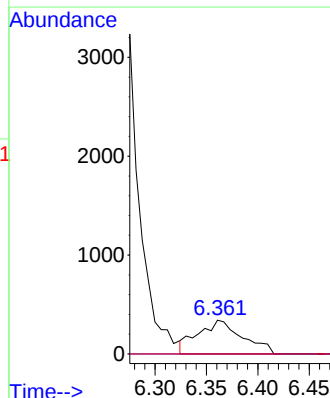
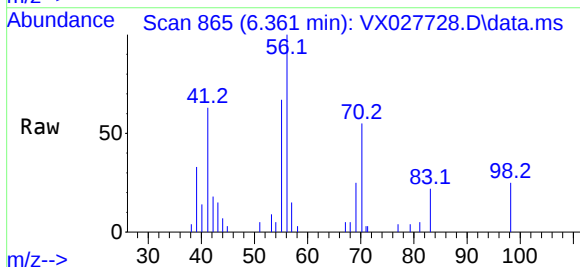
Tgt Ion: 43 Resp: 1018

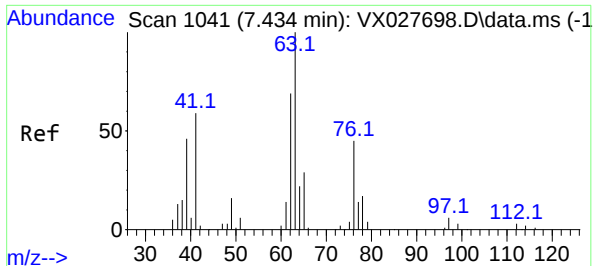
Ion Ratio Lower Upper

43 100

61 0.0 18.5 27.7#

87 0.0 13.0 19.6#





#45

1,2-Dichloropropane

Concen: 0.023 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. -0.013 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

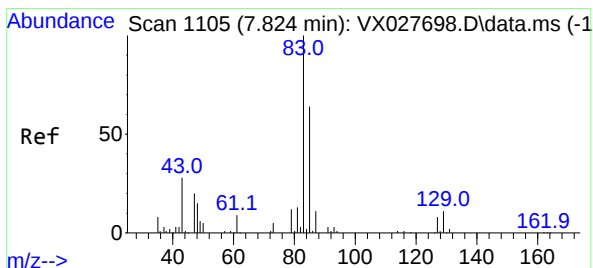
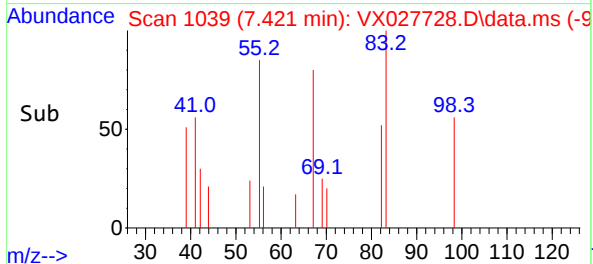
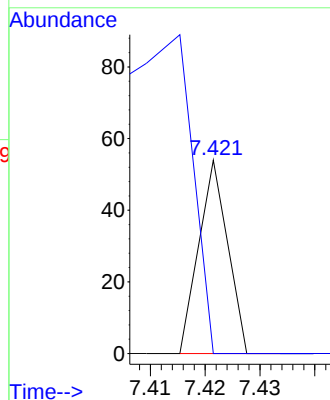
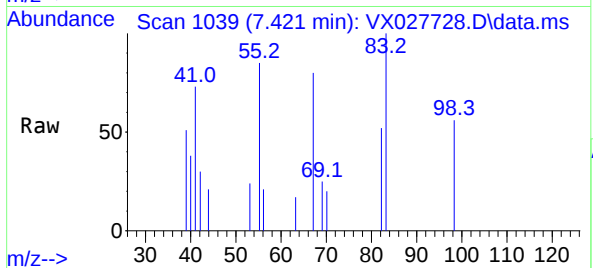
DUP031722DL

Tgt Ion: 63 Resp: 20

Ion Ratio Lower Upper

63 100

65 0.0 25.8 38.6#



#47

Bromodichloromethane

Concen: 0.259 ug/l

RT: 7.769 min Scan# 1096

Delta R.T. -0.055 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

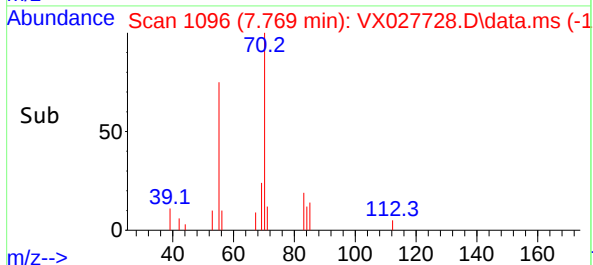
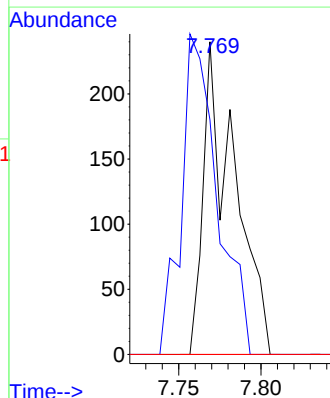
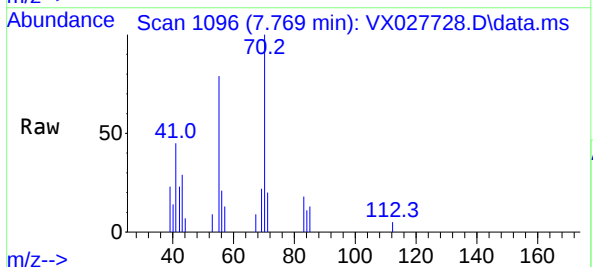
Tgt Ion: 83 Resp: 312

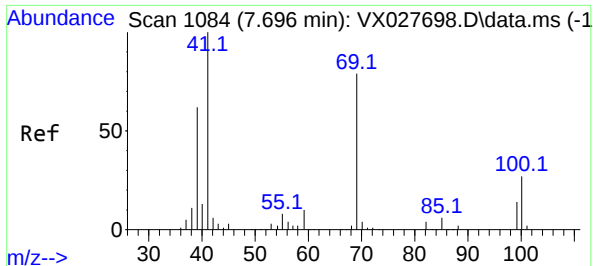
Ion Ratio Lower Upper

83 100

85 75.0 52.2 78.2

127 0.0 6.8 10.2#



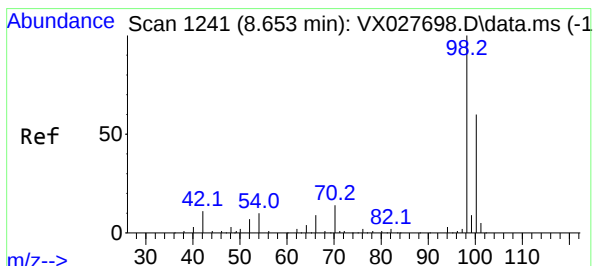
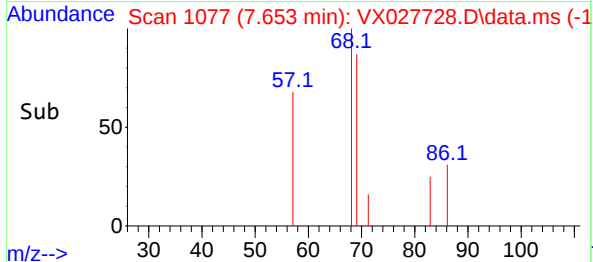
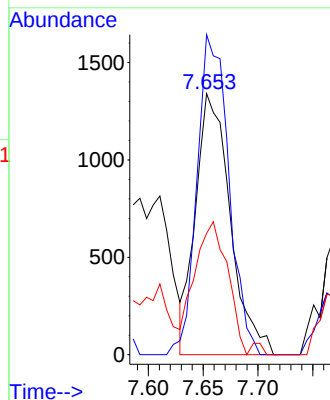
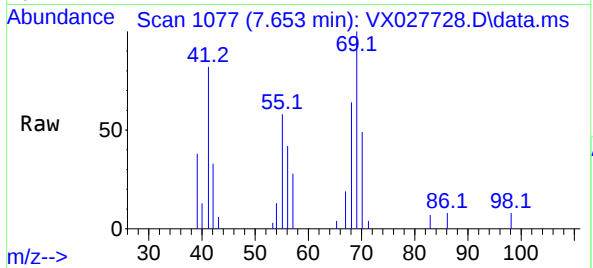


#48
Methyl methacrylate
Concen: Below Cal
RT: 7.653 min Scan# 1084
Delta R.T. -0.043 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Instrument : MSVOA_X
ClientSampleId : DUP031722DL

Tgt Ion: 41 Resp: 2955

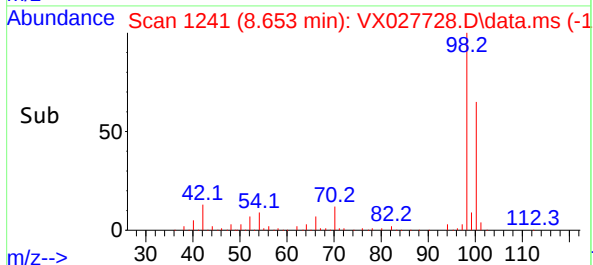
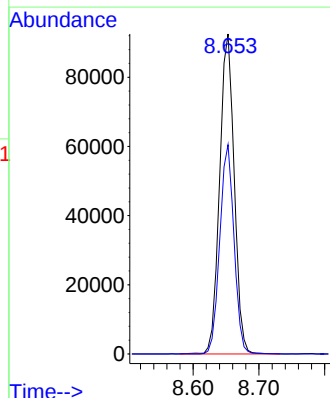
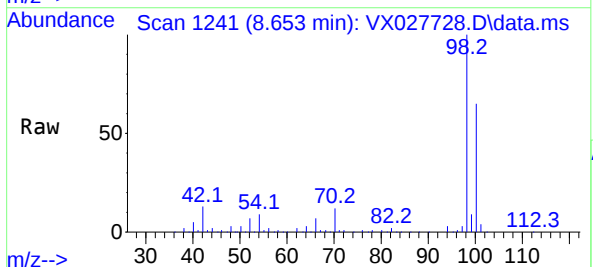
Ion	Ratio	Lower	Upper
41	100		
69	112.0	82.5	123.7
39	48.7	43.8	65.8

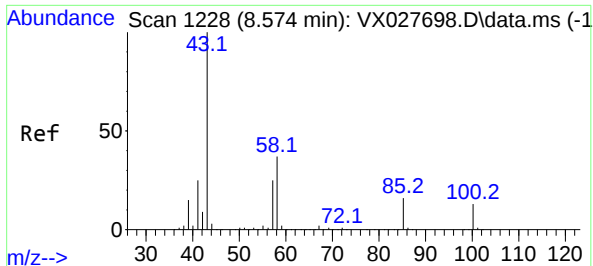


#50
Toluene-d8
Concen: 49.289 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 98 Resp: 142838

Ion	Ratio	Lower	Upper
98	100		
100	63.8	52.6	78.8

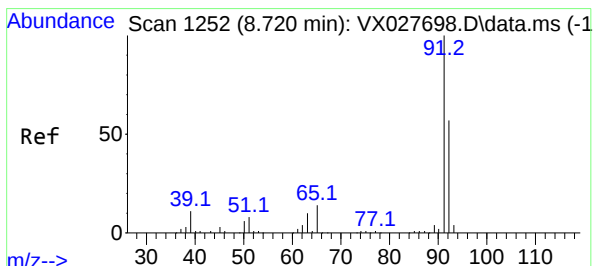
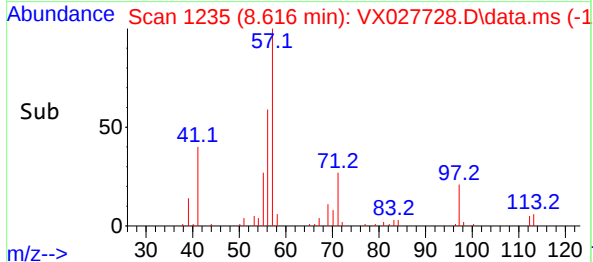
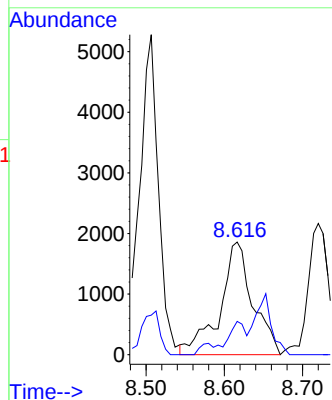
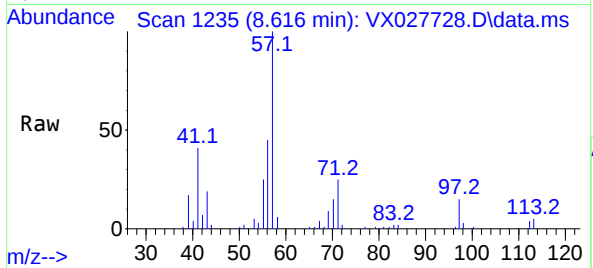




#51
4-Methyl-2-Pentanone
Concen: 3.780 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.042 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

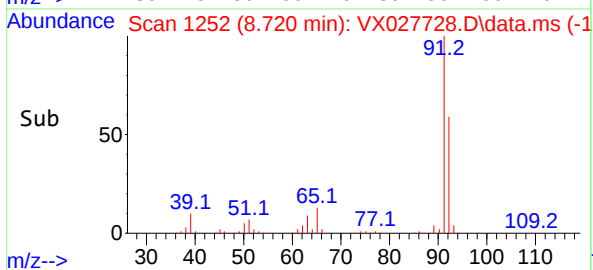
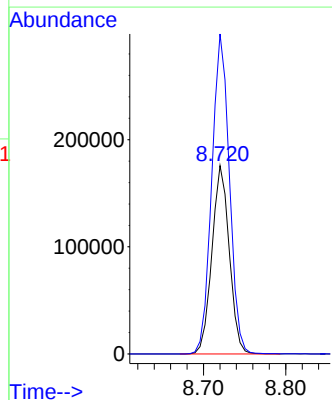
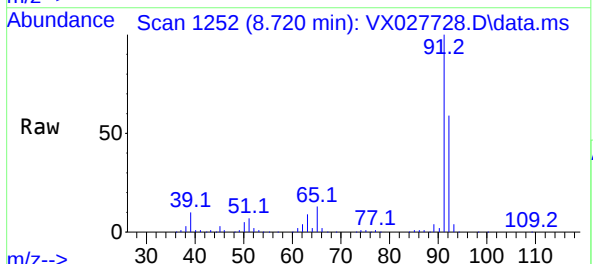
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

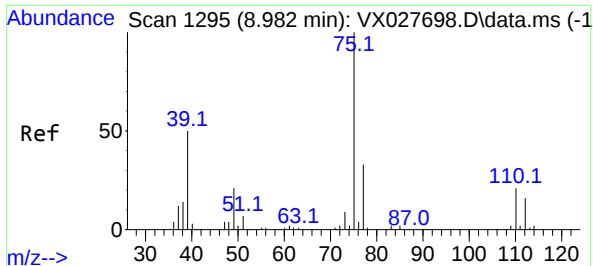
Tgt Ion: 43 Resp: 5401
Ion Ratio Lower Upper
43 100
58 13.8 36.1 54.1#



#52
Toluene
Concen: 126.210 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 92 Resp: 258082
Ion Ratio Lower Upper
92 100
91 172.5 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 4.039 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.262 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

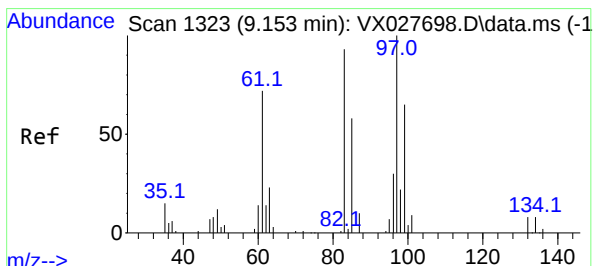
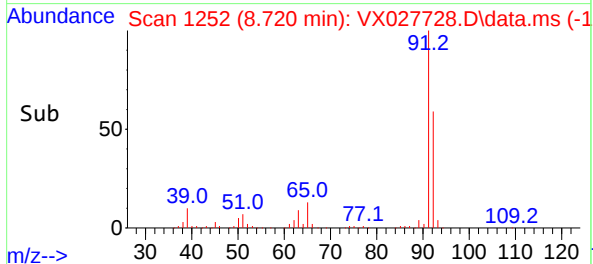
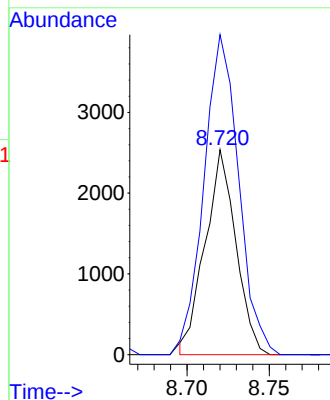
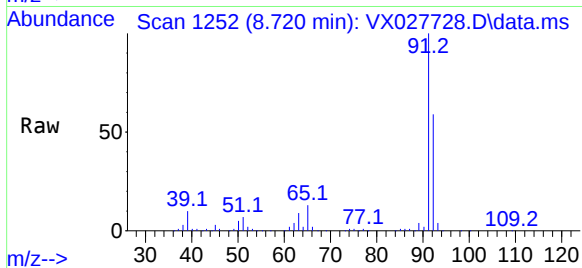
DUP031722DL

Tgt Ion: 75 Resp: 3294

Ion Ratio Lower Upper

75 100

77 156.2 25.4 38.0#



#55

1,1,2-Trichloroethane

Concen: 0.135 ug/l

RT: 9.196 min Scan# 1330

Delta R.T. 0.043 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

Tgt Ion: 97 Resp: 112

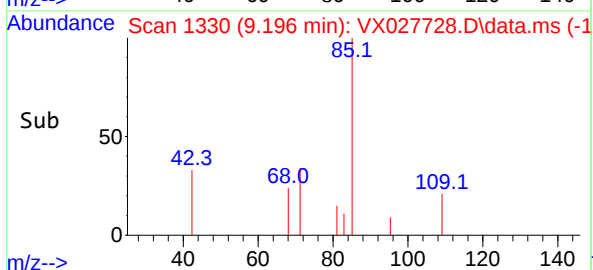
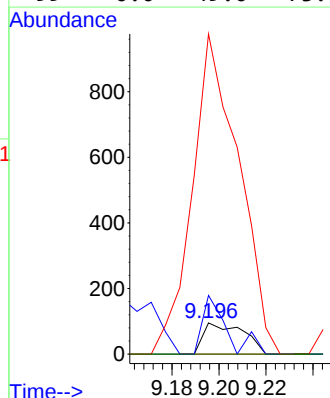
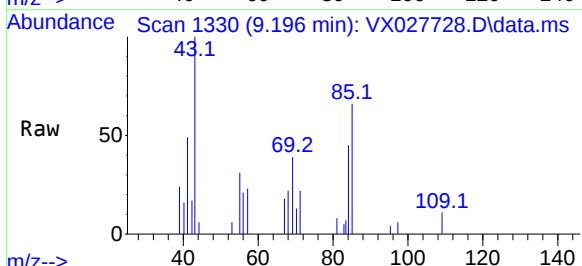
Ion Ratio Lower Upper

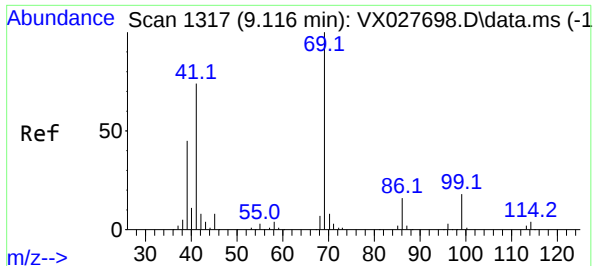
97 100

83 188.4 66.2 99.4#

85 1027.4 42.9 64.3#

99 0.0 49.0 73.6#





#56

Ethyl methacrylate

Concen: 1.135 ug/l

RT: 9.110 min Scan# 1154

Delta R.T. -0.006 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

DUP031722DL

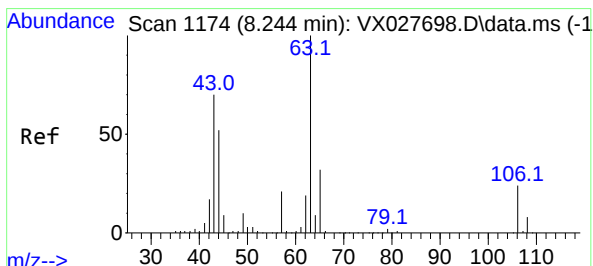
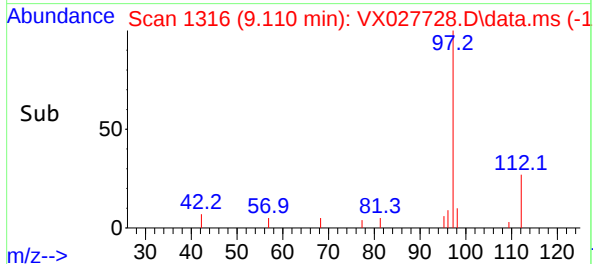
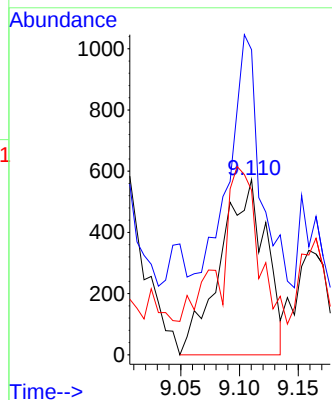
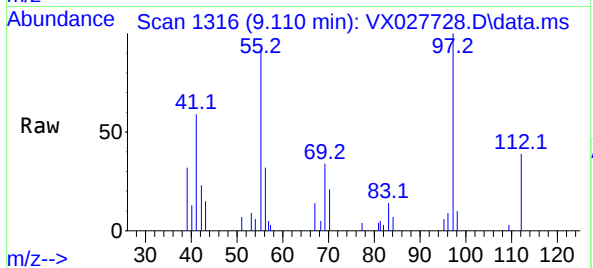
Tgt Ion: 69 Resp: 1541

Ion Ratio Lower Upper

69 100

41 97.0 43.8 65.6#

39 73.6 22.2 33.2#



#58

2-Chloroethyl Vinyl ether

Concen: 0.132 ug/l

RT: 8.129 min Scan# 1155

Delta R.T. -0.115 min

Lab File: VX027728.D

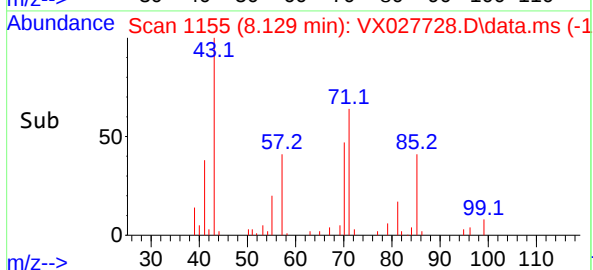
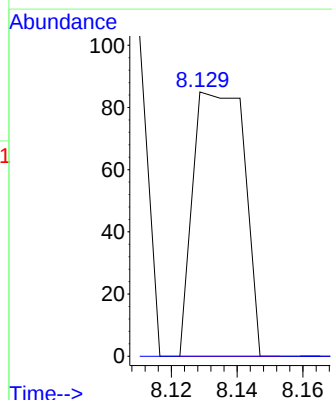
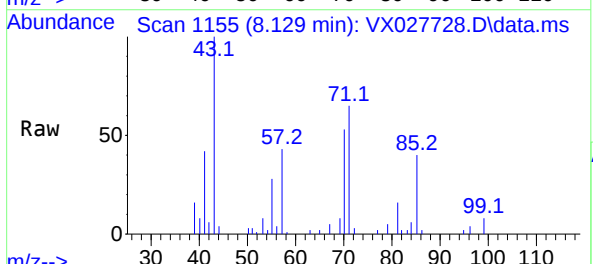
Acq: 26 Mar 2022 15:39

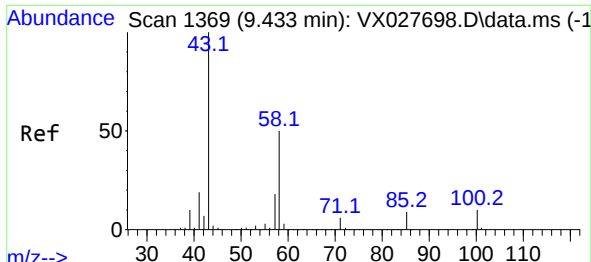
Tgt Ion: 63 Resp: 92

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#

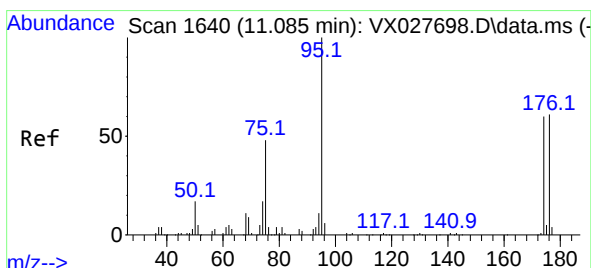
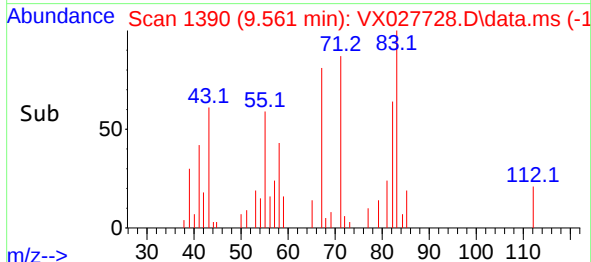
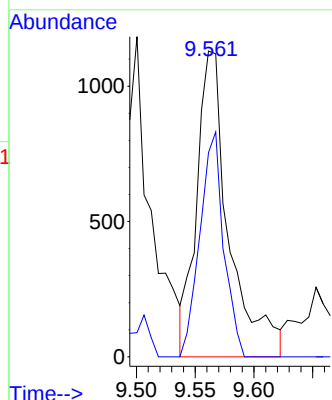
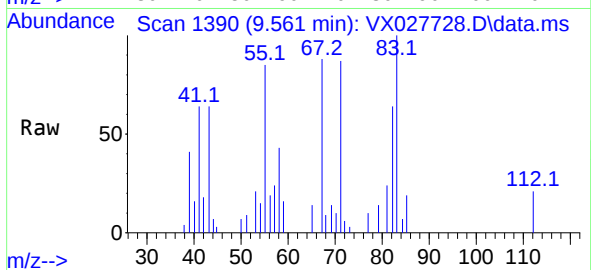




#59
2-Hexanone
Concen: 1.940 ug/l
RT: 9.561 min Scan# 11
Delta R.T. 0.128 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

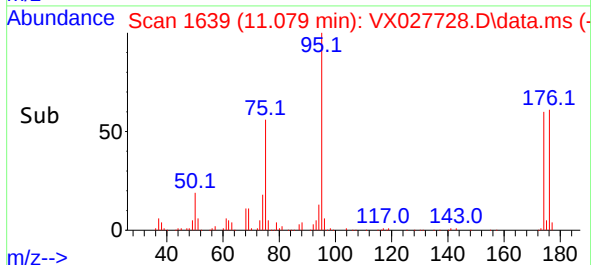
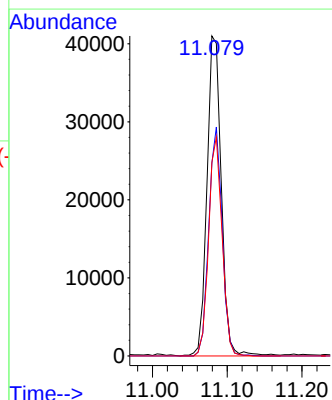
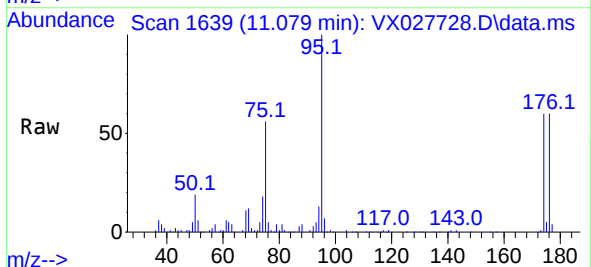
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

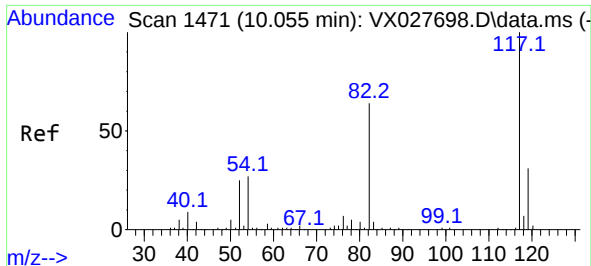
Tgt Ion: 43 Resp: 2166
Ion Ratio Lower Upper
43 100
58 54.0 31.9 95.7



#62
4-Bromofluorobenzene
Concen: 46.365 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 95 Resp: 54521
Ion Ratio Lower Upper
95 100
174 67.0 0.0 163.0
176 64.3 0.0 155.0

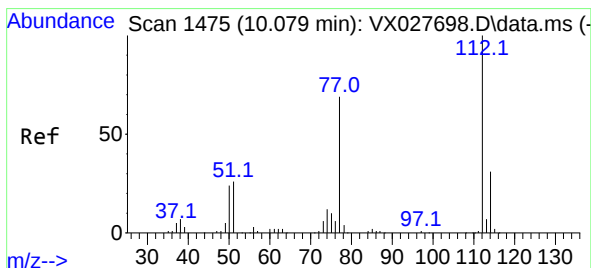
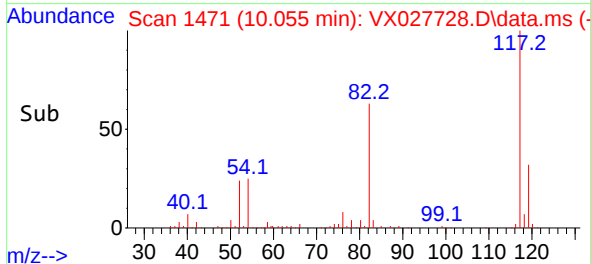
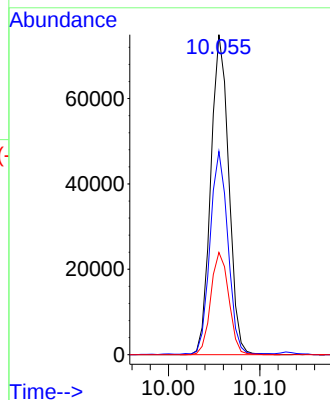
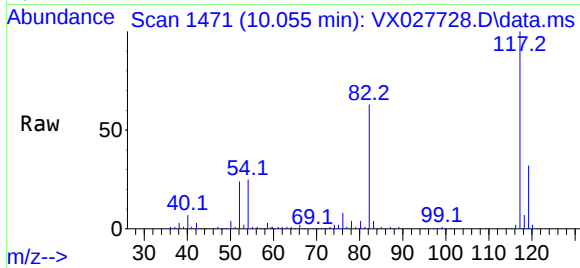




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

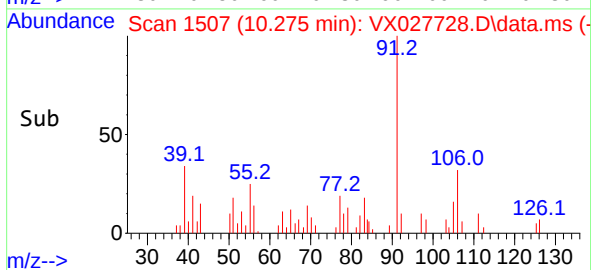
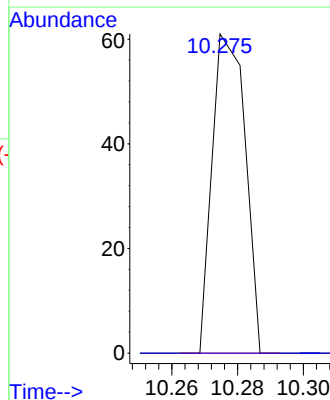
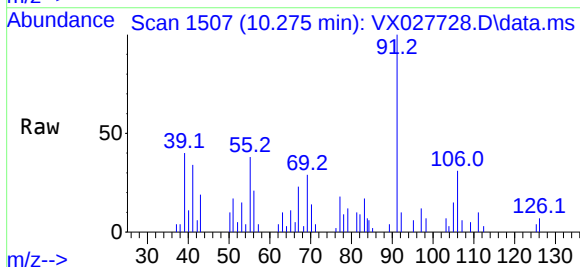
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

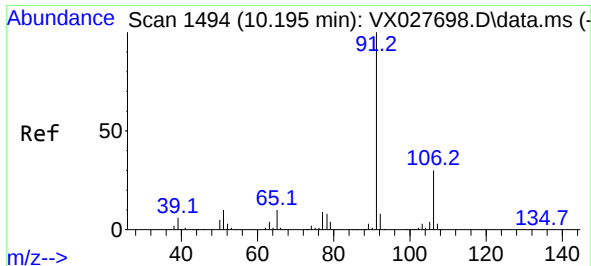
Tgt Ion:117 Resp: 102010
Ion Ratio Lower Upper
117 100
82 63.3 41.8 62.8#
119 31.9 24.8 37.2



#65
Chlorobenzene
Concen: 0.020 ug/l
RT: 10.275 min Scan# 1507
Delta R.T. 0.196 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion:112 Resp: 42
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.8#

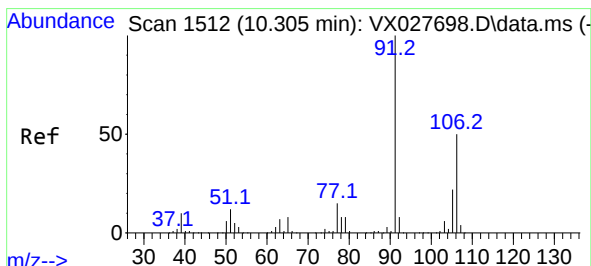
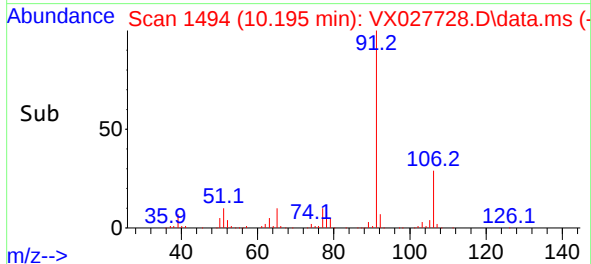
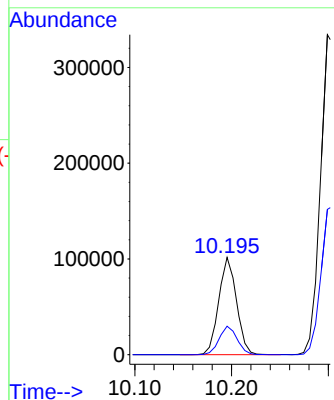
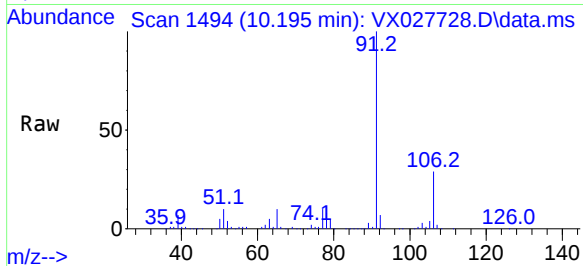




#67
Ethyl Benzene
Concen: 32.280 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

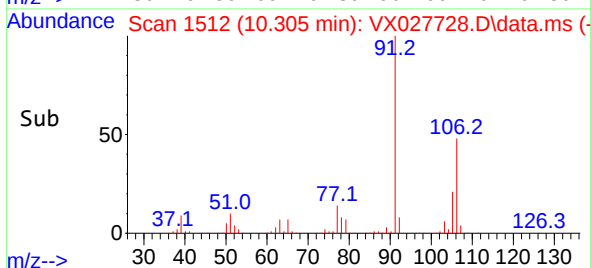
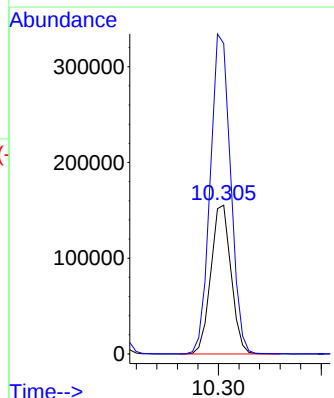
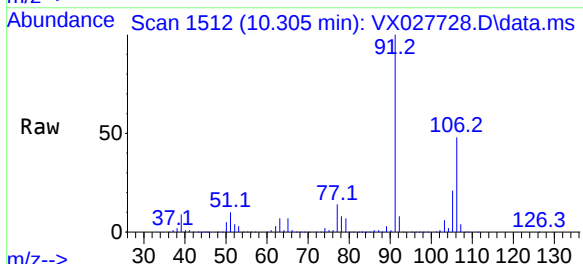
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

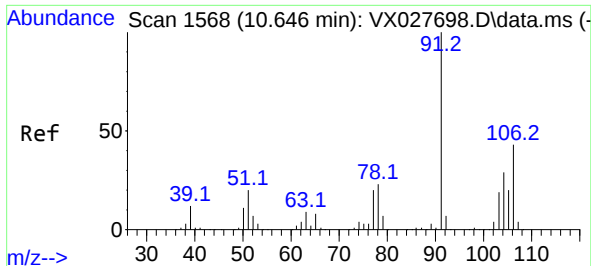
Tgt Ion: 91 Resp: 129215
Ion Ratio Lower Upper
91 100
106 29.3 24.6 36.8



#68
m/p-Xylenes
Concen: 146.360 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 106 Resp: 212353
Ion Ratio Lower Upper
106 100
91 217.2 160.4 240.6

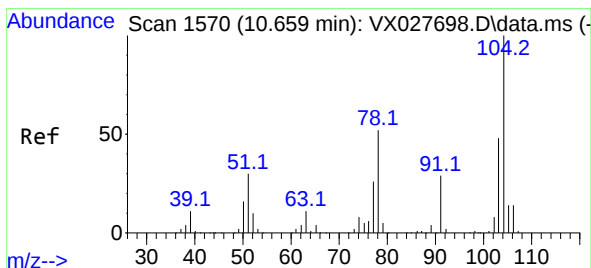
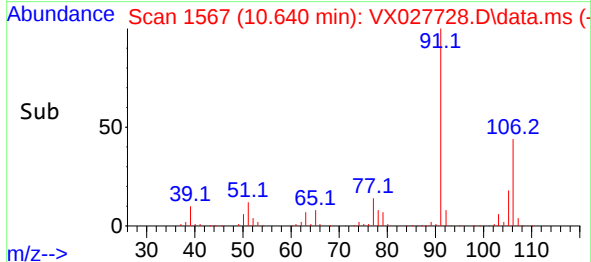
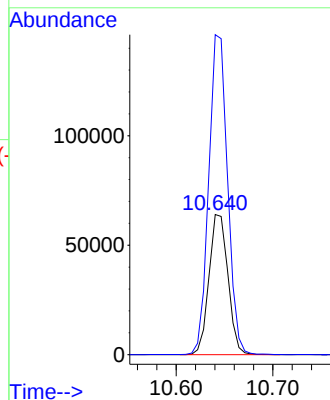
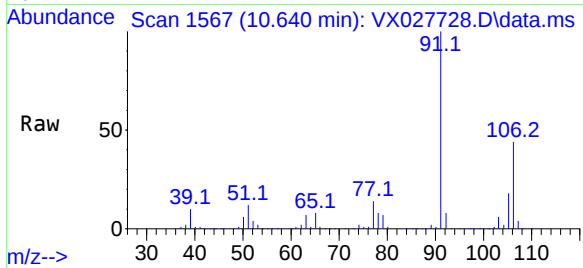




#69
o-Xylene
Concen: 59.745 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

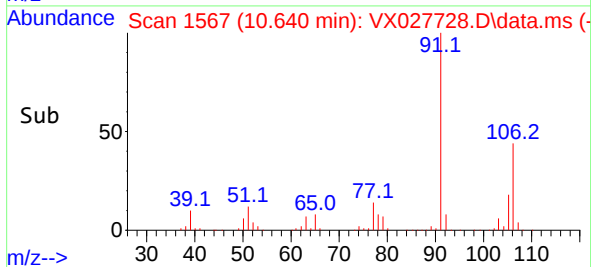
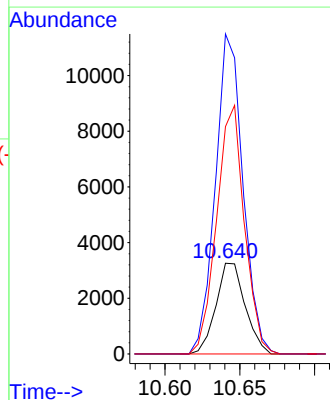
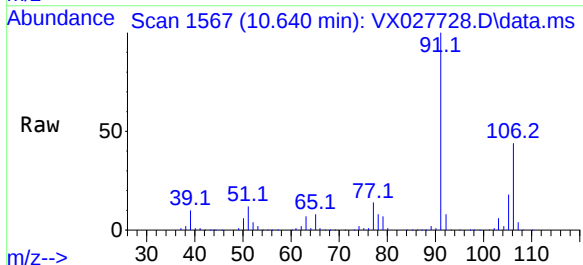
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

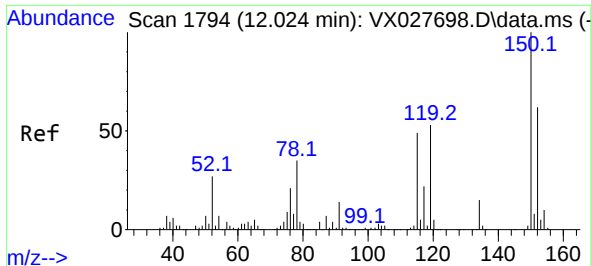
Tgt Ion:106 Resp: 87107
Ion Ratio Lower Upper
106 100
91 227.1 106.1 318.1



#70
Styrene
Concen: 1.911 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.019 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion:104 Resp: 4430
Ion Ratio Lower Upper
104 100
78 333.1 38.6 57.8#
103 260.4 43.8 65.8#

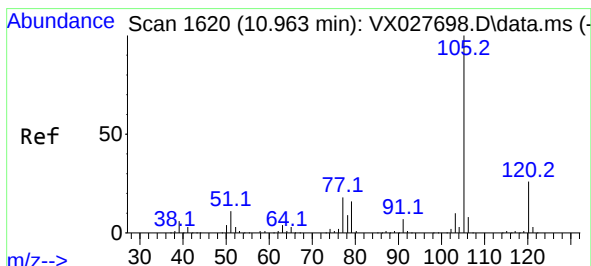
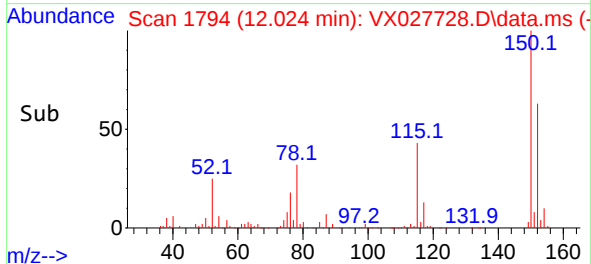
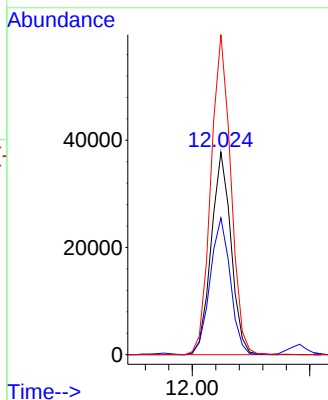
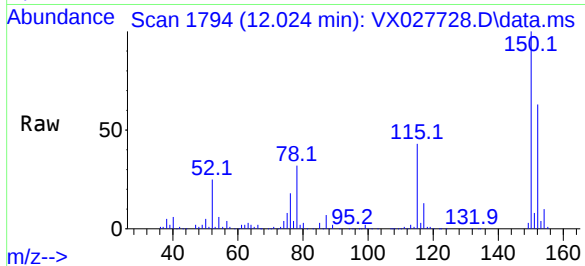




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

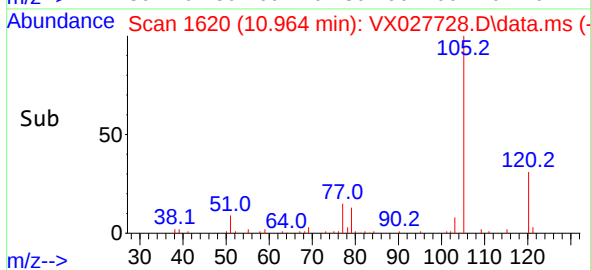
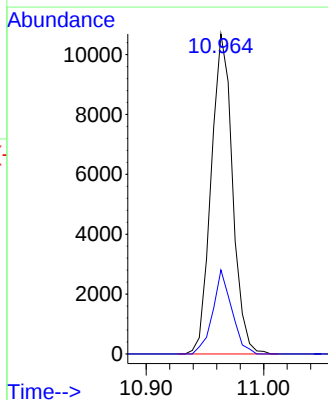
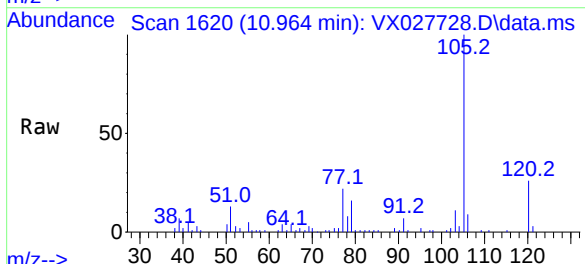
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

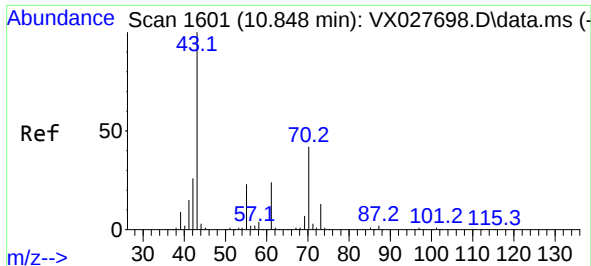
Tgt Ion:152 Resp: 44211
Ion Ratio Lower Upper
152 100
115 68.9 37.5 112.7
150 158.9 0.0 338.2



#73
Isopropylbenzene
Concen: 3.712 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion:105 Resp: 13480
Ion Ratio Lower Upper
105 100
120 23.4 13.5 40.5

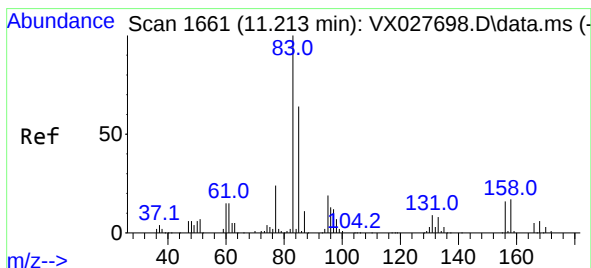
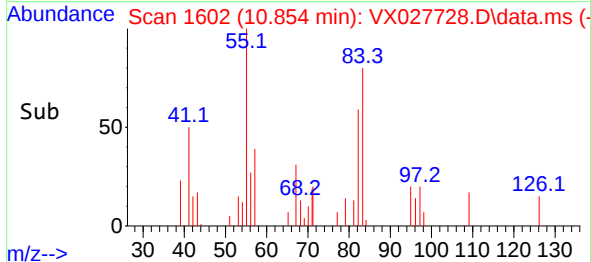
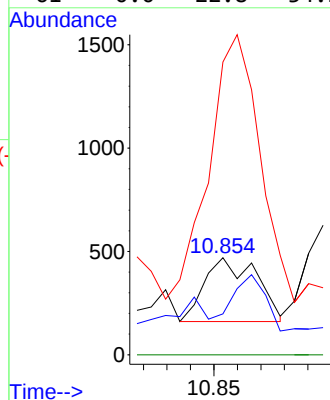
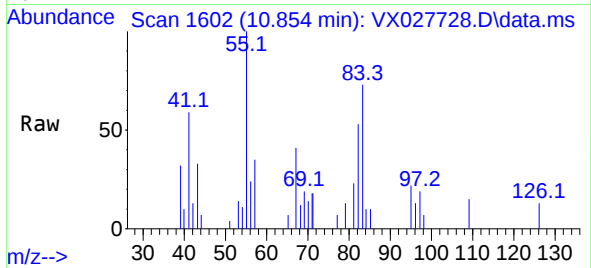




#74
N-amy1 acetate
Concen: 0.271 ug/l
RT: 10.854 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

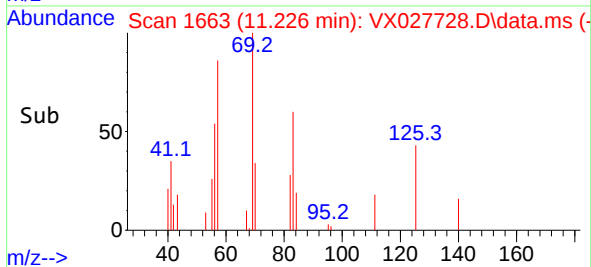
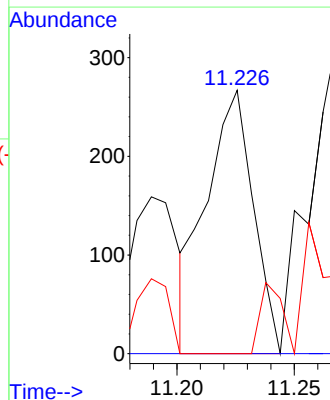
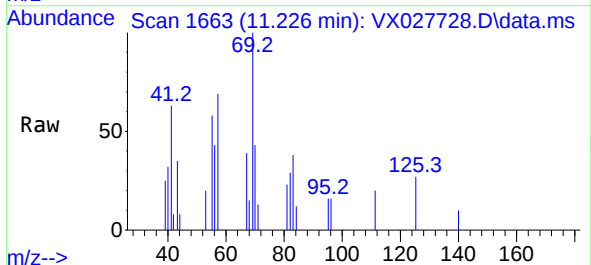
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

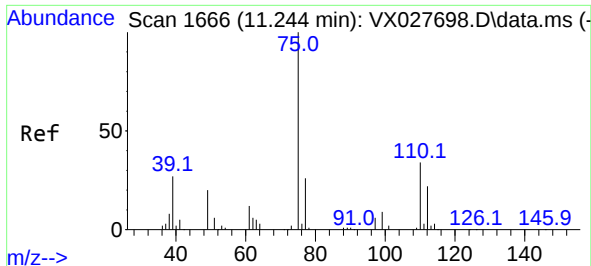
Tgt Ion: 43	Resp:	473	
Ion	Ratio	Lower	Upper
43	100		
70	57.7	42.5	63.7
55	413.3	23.1	34.7#
61	0.0	22.8	34.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.291 ug/l
RT: 11.226 min Scan# 1663
Delta R.T. 0.013 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 83	Resp:	372	
Ion Ratio	Lower	Upper	
83 100			
131 0.0	5.1	15.3#	
85 0.0	32.6	97.7#	

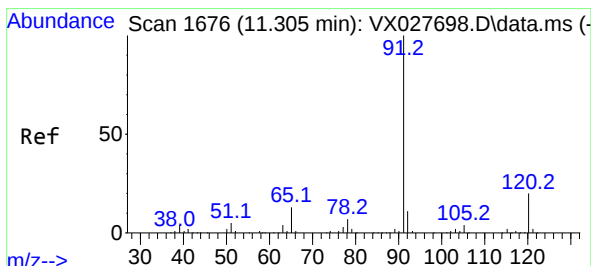
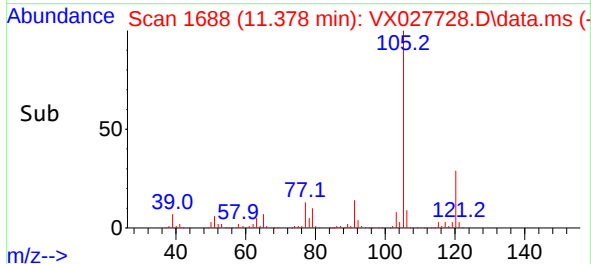
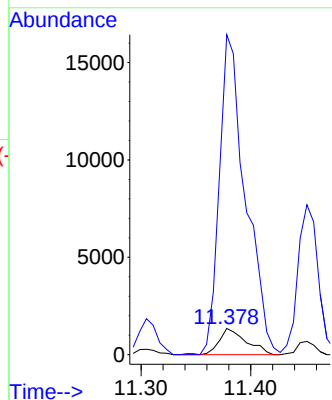
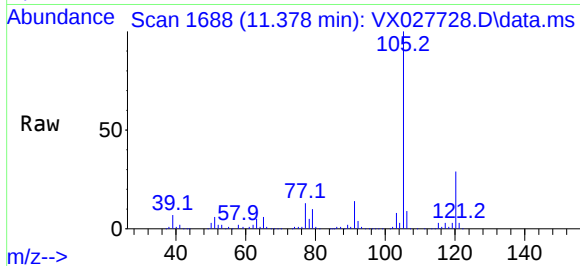




#76
1,2,3-Trichloropropane
Concen: 1.896 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.134 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

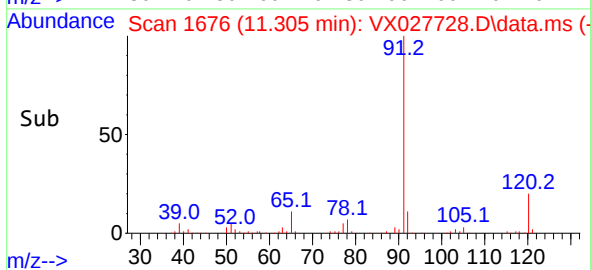
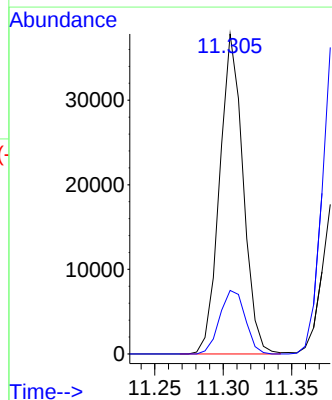
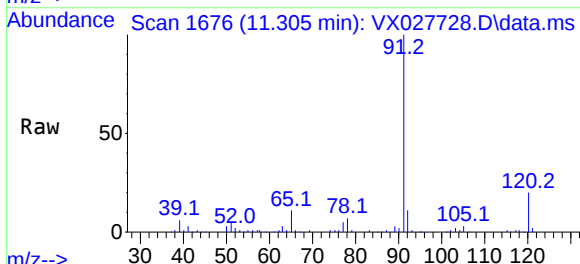
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

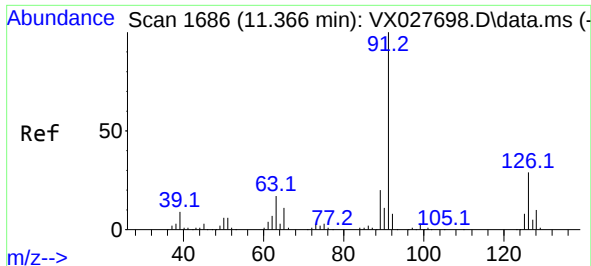
Tgt Ion: 75 Resp: 2334
Ion Ratio Lower Upper
75 100
77 1171.6 19.4 58.2#



#78
n-propylbenzene
Concen: 10.447 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 91 Resp: 45011
Ion Ratio Lower Upper
91 100
120 21.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 10.569 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

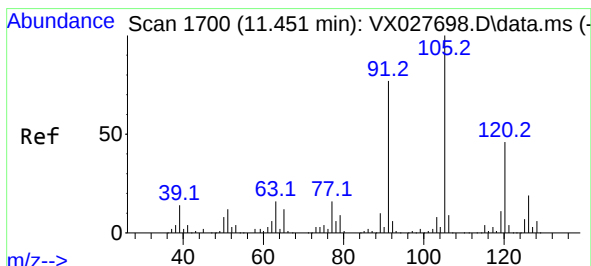
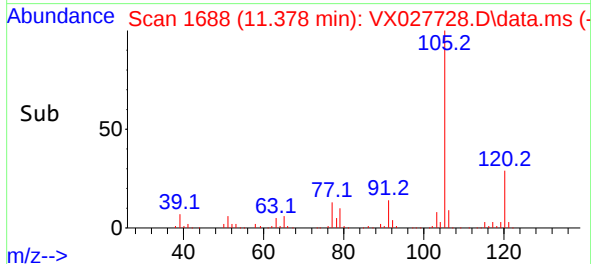
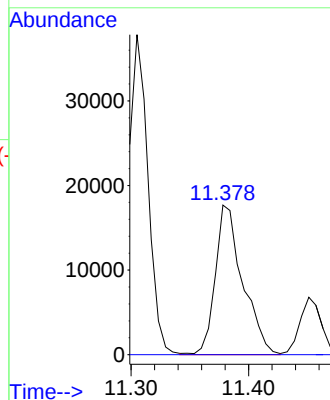
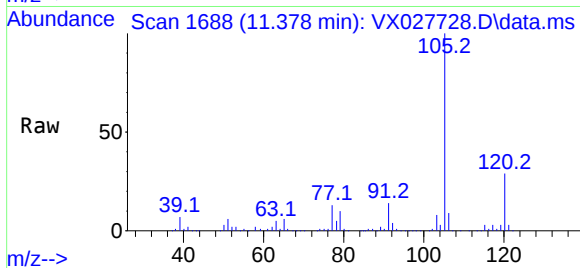
DUP031722DL

Tgt Ion: 91 Resp: 28708

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.9#



#80

1,3,5-Trimethylbenzene

Concen: 22.725 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX027728.D

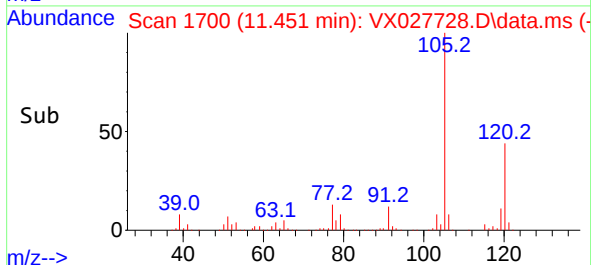
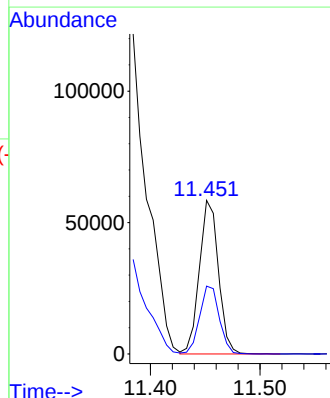
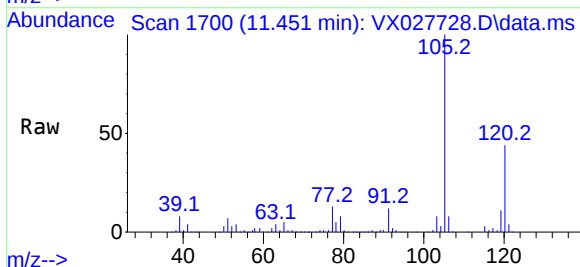
Acq: 26 Mar 2022 15:39

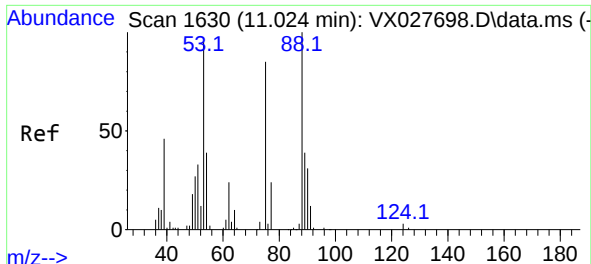
Tgt Ion: 105 Resp: 70928

Ion Ratio Lower Upper

105 100

120 45.3 24.3 72.9

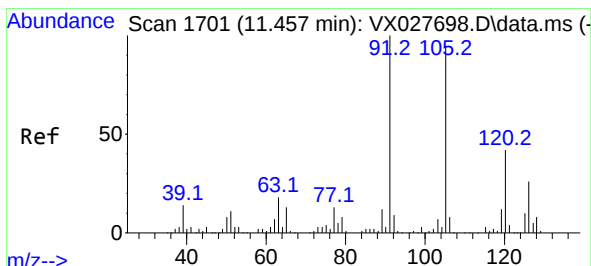
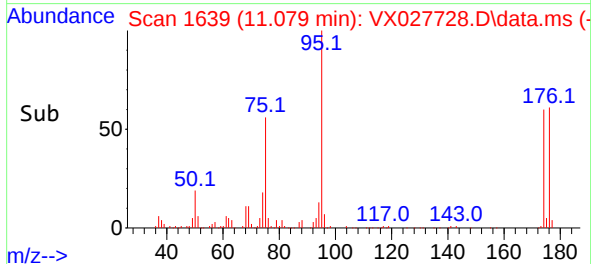
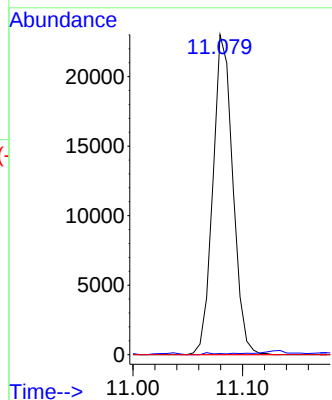
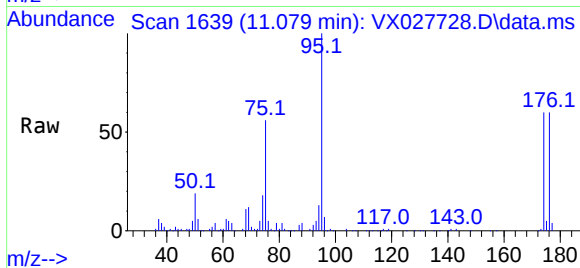




#81
trans-1,4-Dichloro-2-butene
Concen: 80.292 ug/l
RT: 11.079 min Scan# 110
Delta R.T. 0.055 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

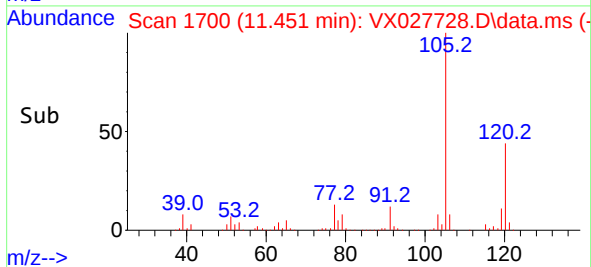
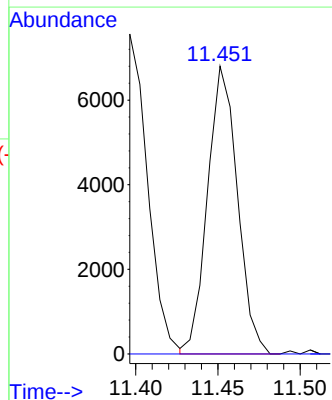
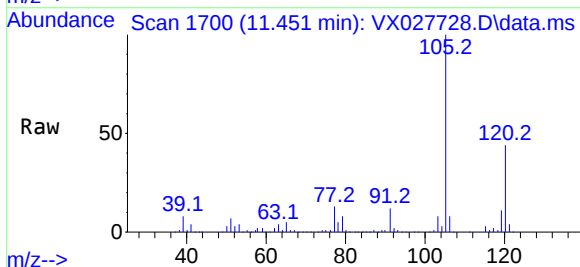
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

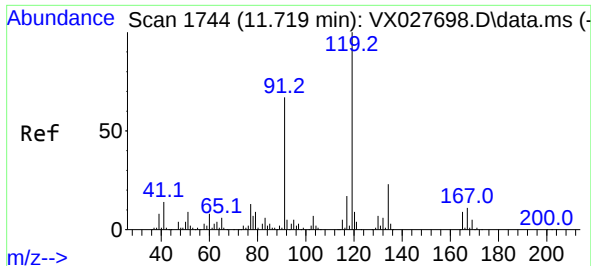
Tgt Ion: 75 Resp: 29036
Ion Ratio Lower Upper
75 100
53 0.5 69.0 103.4#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 2.749 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 91 Resp: 8589
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#

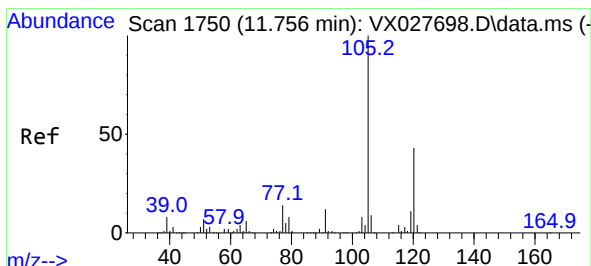
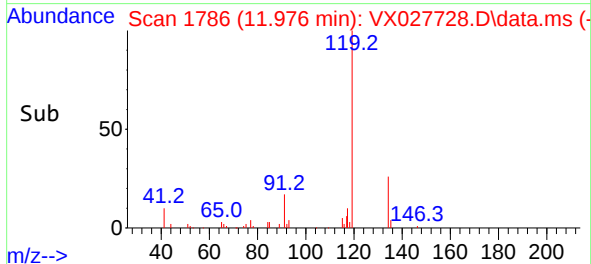
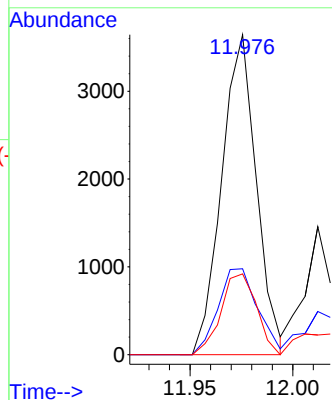
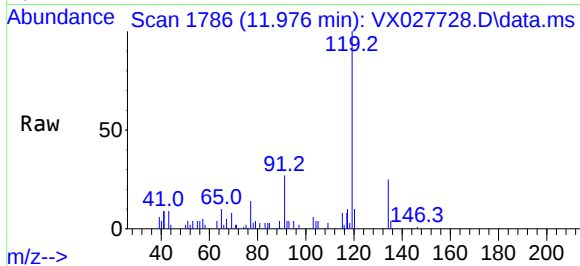




#83
tert-Butylbenzene
Concen: 1.490 ug/l
RT: 11.976 min Scan# 11
Delta R.T. 0.257 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

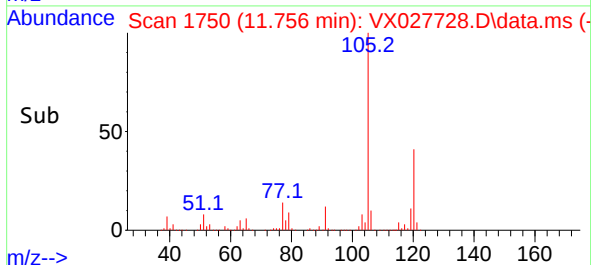
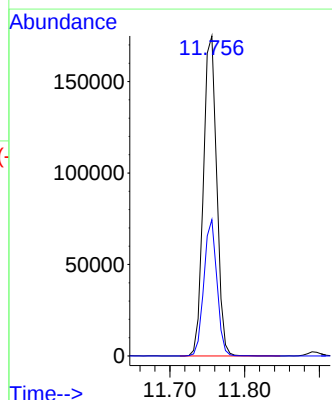
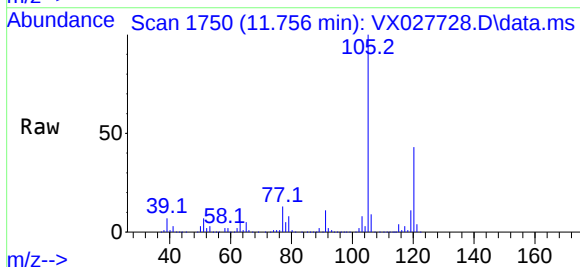
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

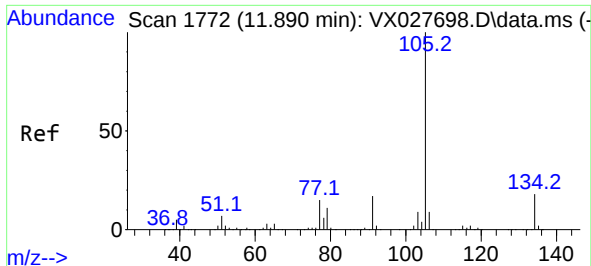
Tgt Ion:119 Resp: 4273
Ion Ratio Lower Upper
119 100
91 30.8 26.9 80.6
134 26.0 11.4 34.2



#84
1,2,4-Trimethylbenzene
Concen: 68.360 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion:105 Resp: 216558
Ion Ratio Lower Upper
105 100
120 41.5 22.6 67.8

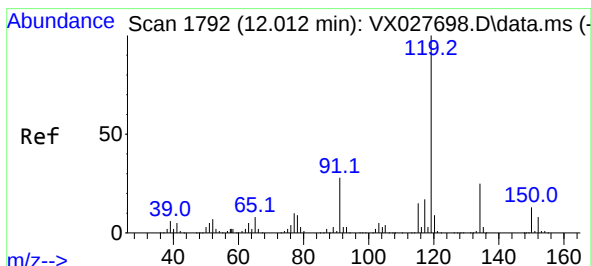
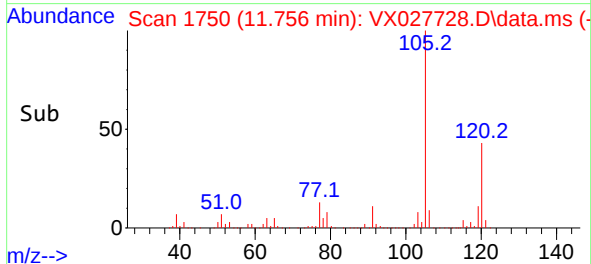
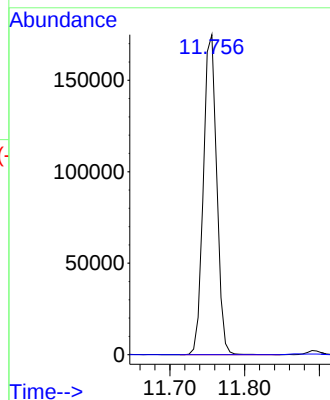
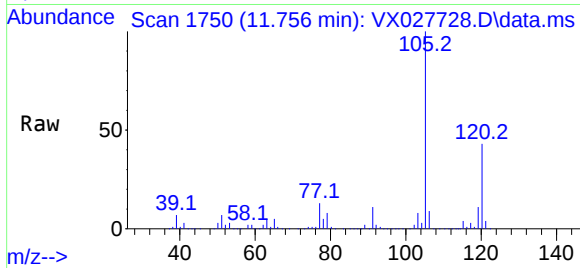




#85
 sec-Butylbenzene
 Concen: 57.656 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.134 min
 Lab File: VX027728.D
 Acq: 26 Mar 2022 15:39

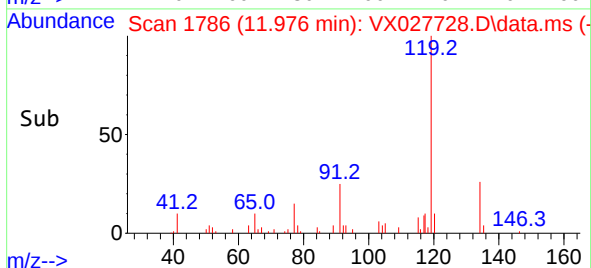
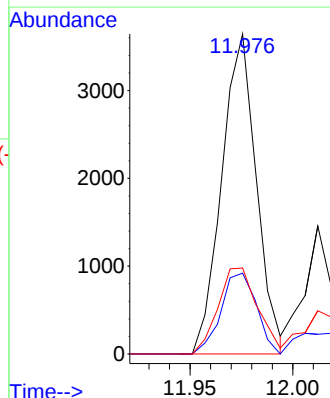
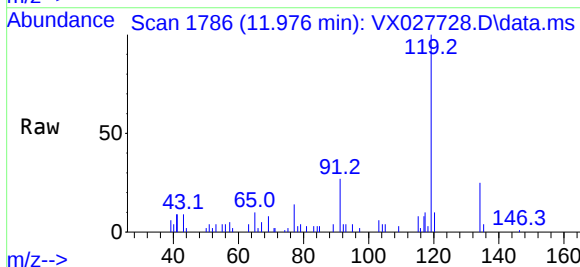
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP031722DL

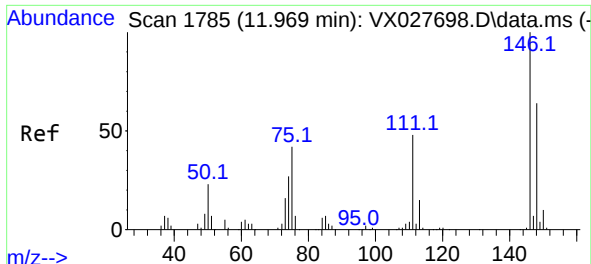
Tgt Ion:105 Resp: 216558
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 1.446 ug/l
 RT: 11.976 min Scan# 1786
 Delta R.T. -0.036 min
 Lab File: VX027728.D
 Acq: 26 Mar 2022 15:39

Tgt Ion:119 Resp: 4273
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 30.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 0.013 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.007 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

DUP031722DL

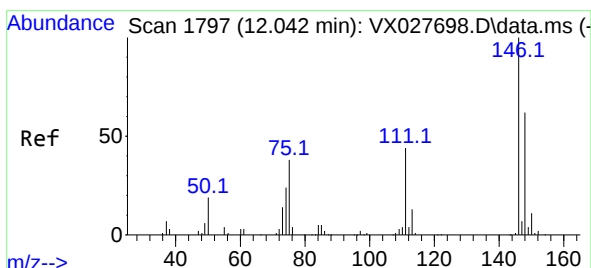
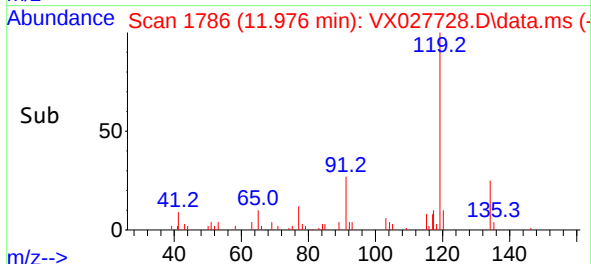
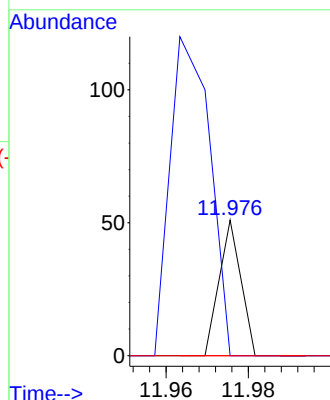
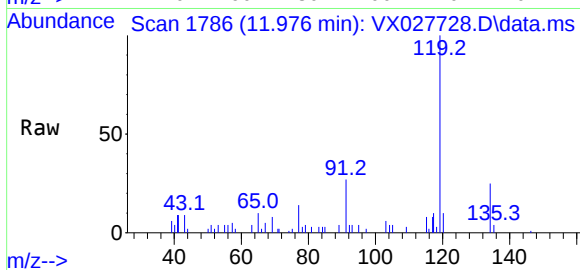
Tgt Ion:146 Resp: 19

Ion Ratio Lower Upper

146 100

111 421.1 19.7 59.1#

148 0.0 31.6 94.7#



#88

1,4-Dichlorobenzene

Concen: 0.049 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. -0.005 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

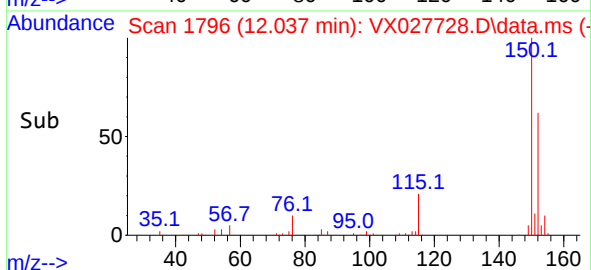
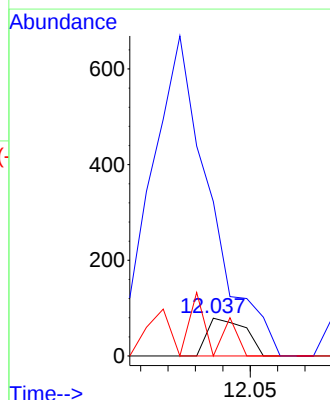
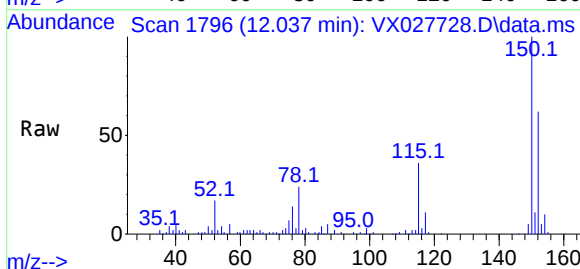
Tgt Ion:146 Resp: 76

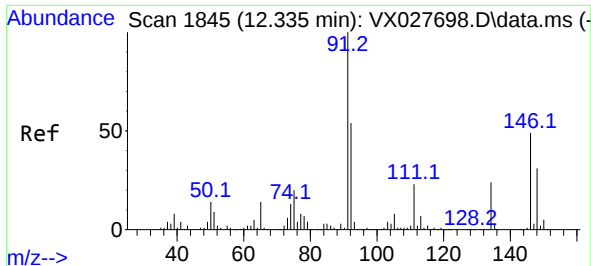
Ion Ratio Lower Upper

146 100

111 1306.6 19.2 57.6#

148 102.6 32.3 96.9#

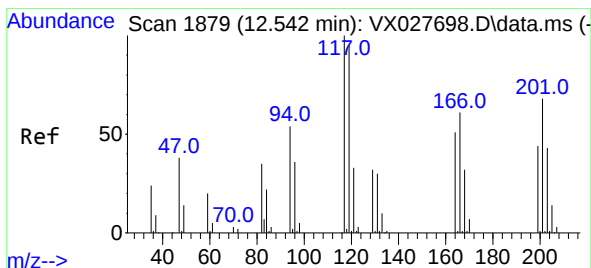
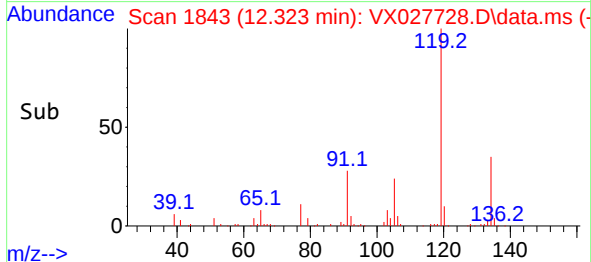
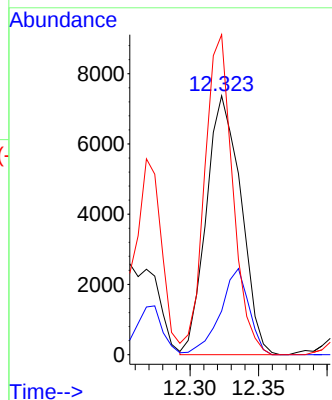
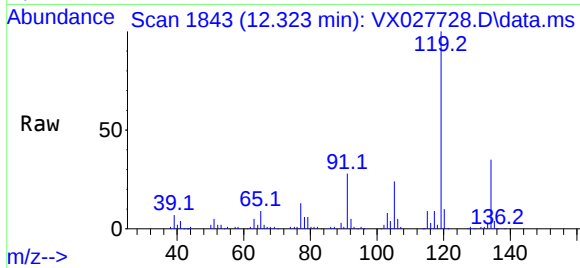




#89
n-Butylbenzene
Concen: 4.645 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.012 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

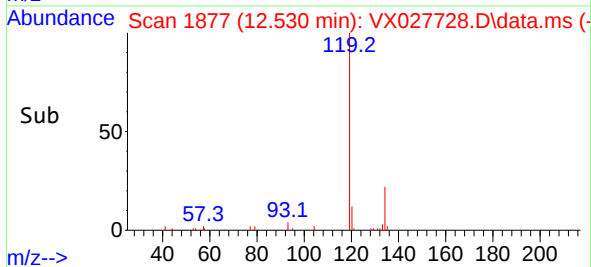
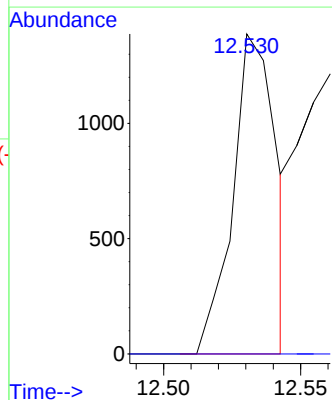
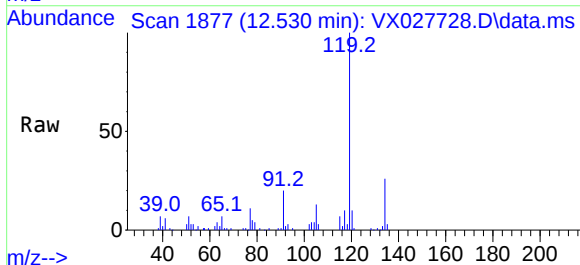
Instrument :
MSVOA_X
ClientSampleId :
DUP031722DL

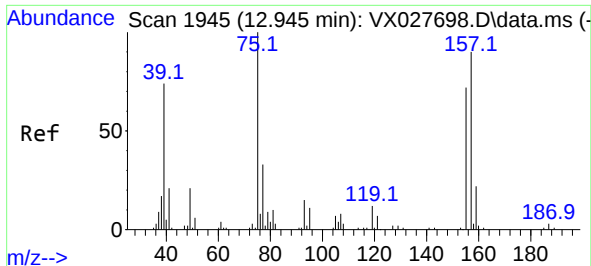
Tgt Ion: 91 Resp: 12999
Ion Ratio Lower Upper
91 100
92 27.5 27.8 83.3#
134 100.1 13.3 39.8#



#90
Hexachloroethane
Concen: 3.231 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.012 min
Lab File: VX027728.D
Acq: 26 Mar 2022 15:39

Tgt Ion: 117 Resp: 1524
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.851 ug/l

RT: 12.957 min Scan# 1945

Delta R.T. 0.012 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

DUP031722DL

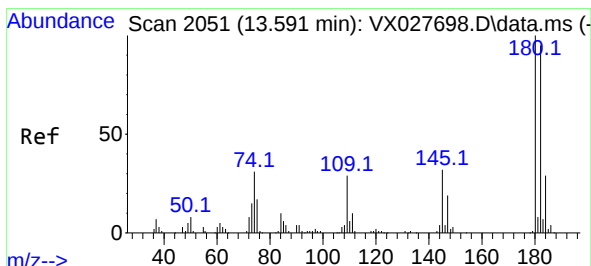
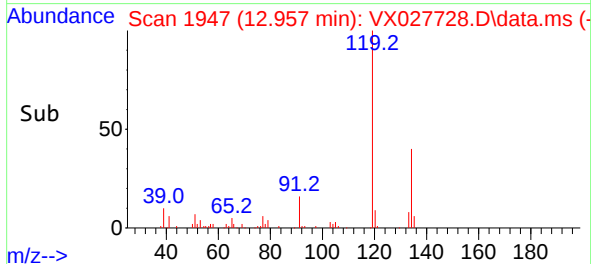
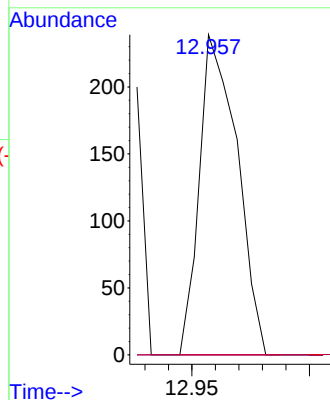
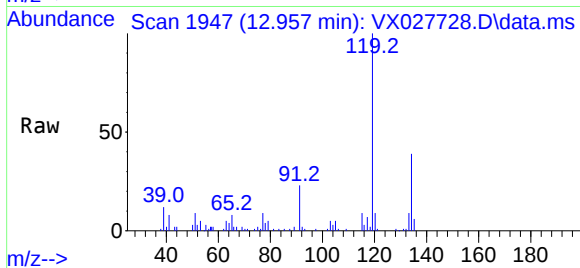
Tgt Ion: 75 Resp: 267

Ion Ratio Lower Upper

75 100

155 0.0 47.0 141.2#

157 0.0 57.9 173.6#



#93

1,2,4-Trichlorobenzene

Concen: 0.029 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX027728.D

Acq: 26 Mar 2022 15:39

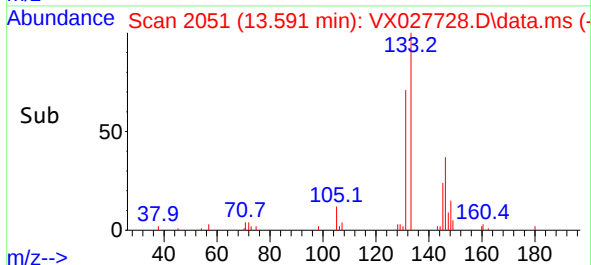
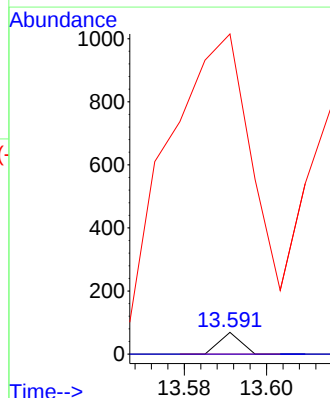
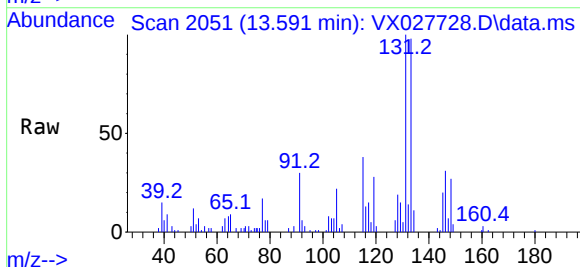
Tgt Ion: 180 Resp: 25

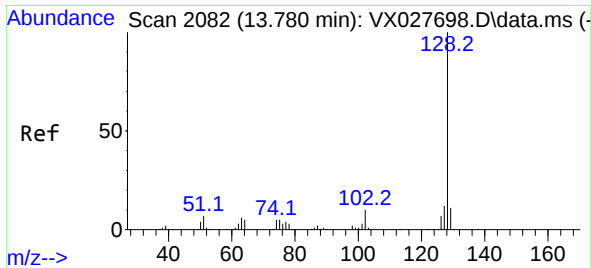
Ion Ratio Lower Upper

180 100

182 0.0 47.7 143.1#

145 5776.0 15.2 45.5#





#95

Naphthalene

Concen: 5.051 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX027728.D

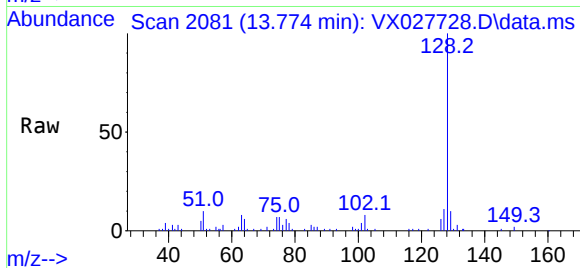
Acq: 26 Mar 2022 15:39

Instrument :

MSVOA_X

ClientSampleId :

DUP031722DL



Tgt Ion:128 Resp: 15902

Ion Ratio Lower Upper

128 100

127 11.7 10.2 15.4

129 10.5 8.7 13.1

