

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033279.D
 Acq On : 07 Dec 2022 12:05
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Dec 08 01:41:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	102728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	150997	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	97255	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105285	159.756	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 319.520%#	
35) Dibromofluoromethane	5.385	113	85773	126.294	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 252.580%#	
50) Toluene-d8	8.647	98	305810	215.245	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 430.480%#	
62) 4-Bromofluorobenzene	11.079	95	105535	97.148	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 194.300%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	338	0.471	ug/l	88
3) Chloromethane	1.294	50	342	0.412	ug/l #	82
4) Vinyl Chloride	1.380	62	294	0.310	ug/l	89
5) Bromomethane	1.624	94	661	0.951	ug/l #	64
7) Trichlorofluoromethane	1.886	101	631	0.355	ug/l	88
9) 1,1,2-Trichlorotrifluoro...	2.337	101	474	0.502	ug/l #	85
10) Methyl Iodide	2.459	142	479	0.464	ug/l #	72
11) Tert butyl alcohol	2.953	59	901	4.472	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	439	0.471	ug/l	86
13) Acrolein	2.239	56	247	1.130	ug/l #	65
14) Allyl chloride	2.666	41	358	0.241	ug/l #	53
15) Acrylonitrile	3.069	53	879	1.761	ug/l	92
16) Acetone	2.392	43	410	0.841	ug/l #	69
17) Carbon Disulfide	2.514	76	5305	2.219	ug/l	100
20) Methylene Chloride	2.788	84	516	0.474	ug/l #	67
21) trans-1,2-Dichloroethene	3.093	96	867	0.851	ug/l #	71
23) Vinyl Acetate	3.733	43	1096	0.443	ug/l #	72
27) cis-1,2-Dichloroethene	4.495	96	489	0.402	ug/l	79
28) Bromochloromethane	4.891	49	189	0.241	ug/l #	56
31) Cyclohexane	5.477	56	548	0.350	ug/l #	72
36) 1,1-Dichloropropene	5.696	75	855	0.646	ug/l #	69
38) Carbon Tetrachloride	5.556	117	10540	7.105	ug/l #	15
39) Methylcyclohexane	7.379	83	762	0.514	ug/l	95
42) 1,2-Dichloroethane	6.098	62	494	0.322	ug/l #	77
44) Trichloroethene	7.135	130	612	0.575	ug/l	78
46) Dibromomethane	7.586	93	190	0.253	ug/l #	29
51) 4-Methyl-2-Pentanone	8.580	43	276	0.217	ug/l #	36
52) Toluene	8.726	92	689	0.276	ug/l	92
53) t-1,3-Dichloropropene	8.988	75	432	2.766	ug/l #	85
54) cis-1,3-Dichloropropene	8.366	75	354	0.227	ug/l #	55
58) 2-Chloroethyl Vinyl ether	8.263	63	332	0.491	ug/l #	59
59) 2-Hexanone	9.445	43	334	0.356	ug/l	84
61) 1,2-Dibromoethane	9.616	107	288	0.258	ug/l	93
64) Tetrachloroethene	9.269	164	545	0.510	ug/l #	69
65) Chlorobenzene	10.086	112	1072	0.338	ug/l	100
67) Ethyl Benzene	10.195	91	1627	0.295	ug/l	98

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 Response via : Initial Calibration

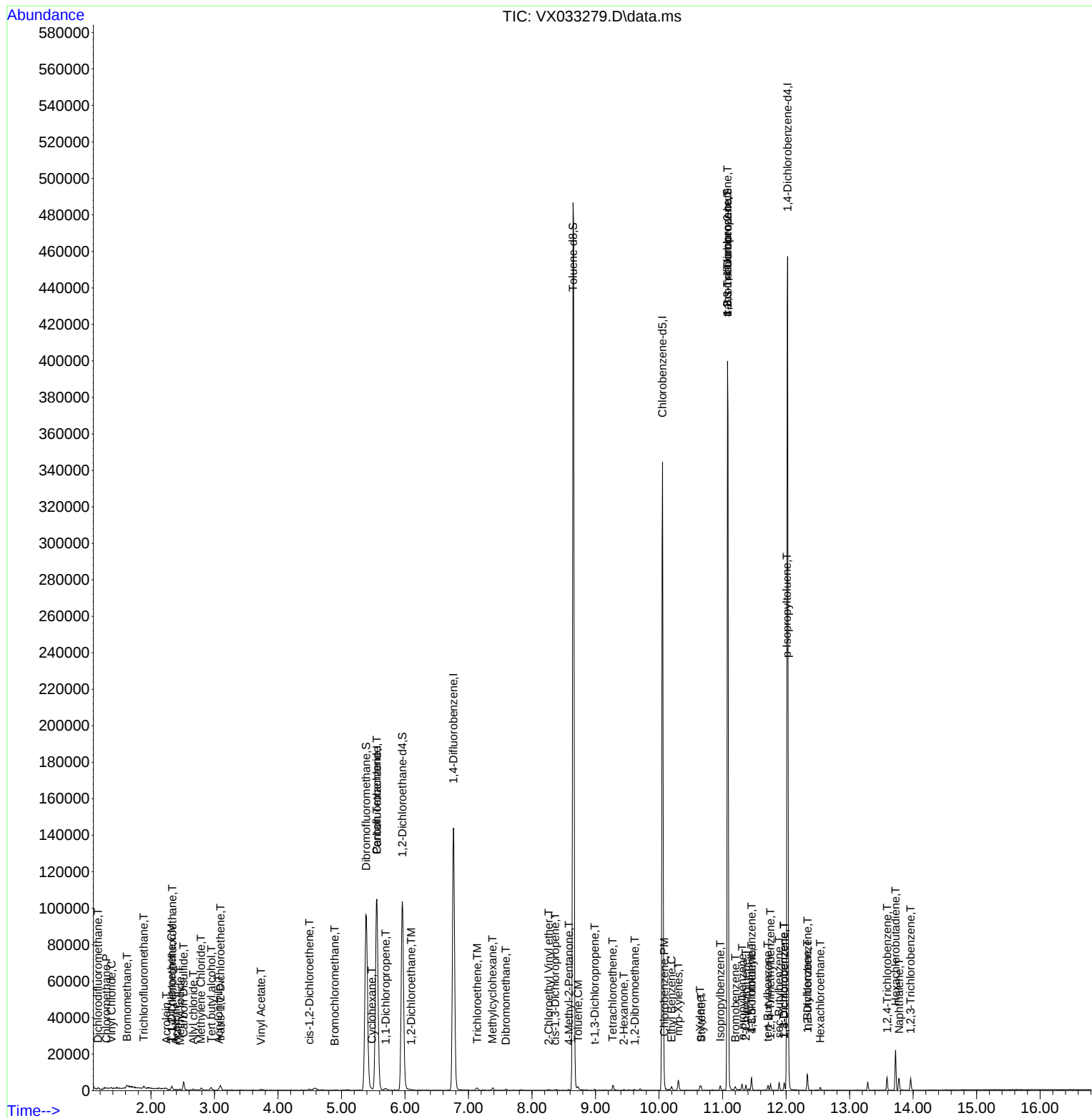
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) m/p-Xylenes	10.305	106	1427	0.665	ug/l	99
69) o-Xylene	10.646	106	453	0.213	ug/l	92
70) Styrene	10.665	104	893	0.257	ug/l	98
73) Isopropylbenzene	10.963	105	1503	0.213	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	53851	27.216	ug/l #	37
77) Bromobenzene	11.201	156	549	0.308	ug/l	95
78) n-propylbenzene	11.311	91	2559	0.325	ug/l	98
79) 2-Chlorotoluene	11.366	91	1358	0.279	ug/l	87
80) 1,3,5-Trimethylbenzene	11.457	105	1518	0.259	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	53851	84.660	ug/l #	6
82) 4-Chlorotoluene	11.457	91	2181	0.386	ug/l	96
83) tert-Butylbenzene	11.713	119	1270	0.217	ug/l	90
84) 1,2,4-Trimethylbenzene	11.756	105	1702	0.291	ug/l	93
85) sec-Butylbenzene	11.890	105	2417	0.354	ug/l	95
86) p-Isopropyltoluene	12.012	119	2153	0.366	ug/l	85
87) 1,3-Dichlorobenzene	11.969	146	1499	0.465	ug/l	95
88) 1,4-Dichlorobenzene	11.969	146	1499	0.455	ug/l	95
89) n-Butylbenzene	12.335	91	2873	0.596	ug/l	98
90) Hexachloroethane	12.536	117	240	0.240	ug/l	79
91) 1,2-Dichlorobenzene	12.341	146	1039	0.322	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	1918	0.985	ug/l	99
94) Hexachlorobutadiene	13.725	225	3120	4.002	ug/l	98
95) Naphthalene	13.780	128	5057	0.779	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1751	0.888	ug/l	88

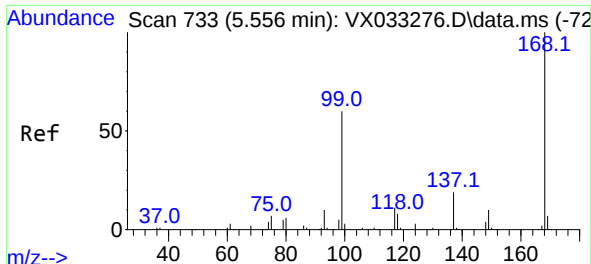
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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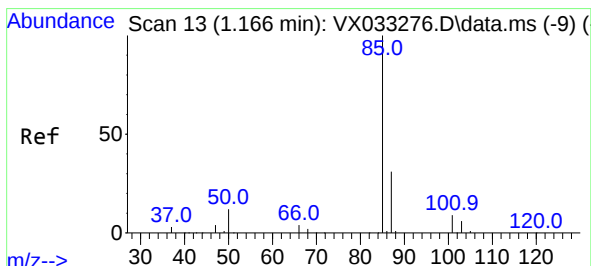
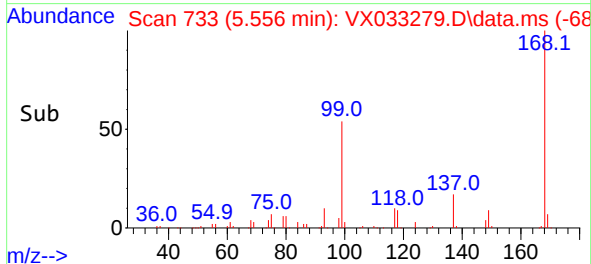
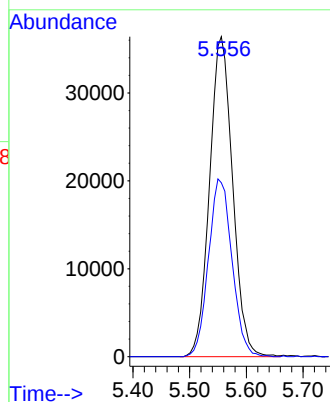
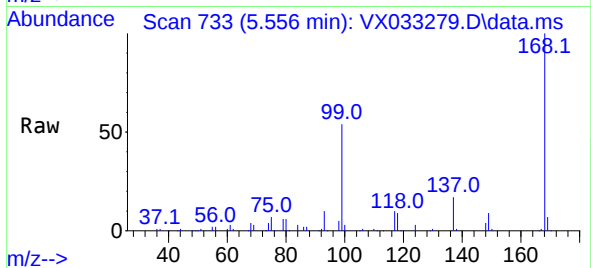




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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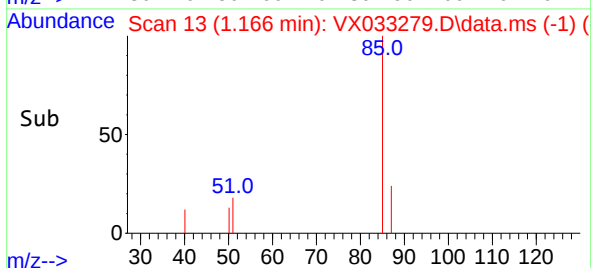
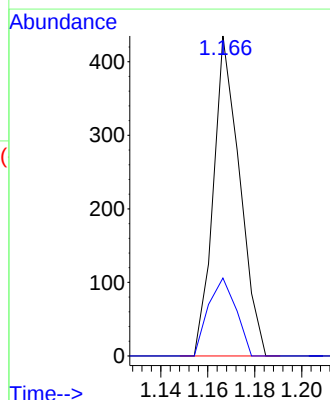
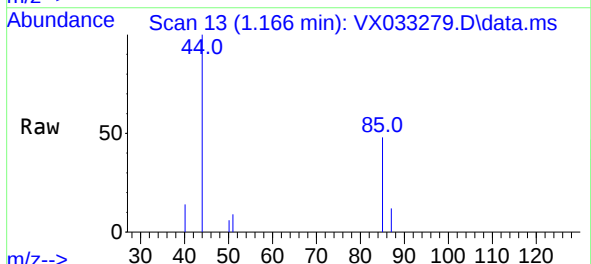
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MSVOA_X
ClientSampleId :
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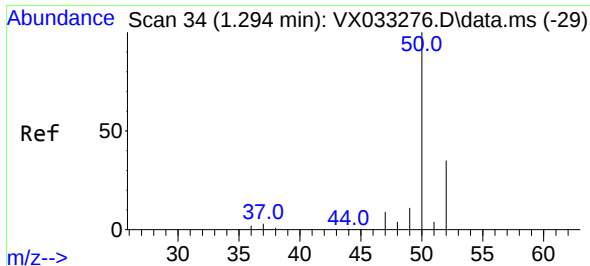
Tgt Ion:168 Resp: 102728
Ion Ratio Lower Upper
168 100
99 54.4 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 0.471 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 85 Resp: 338
Ion Ratio Lower Upper
85 100
87 24.4 15.6 46.7

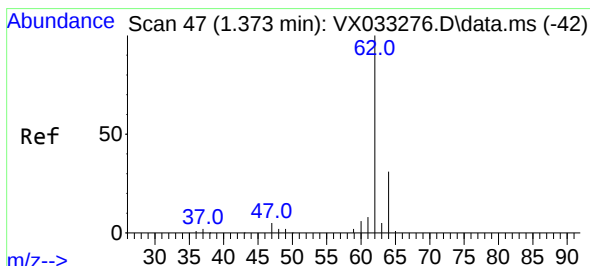
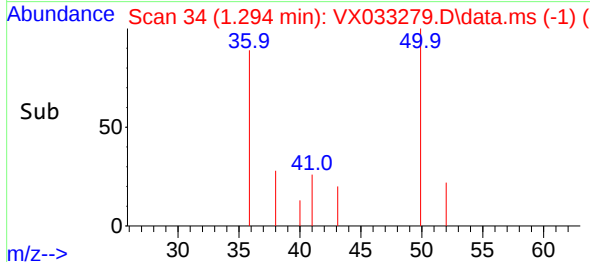
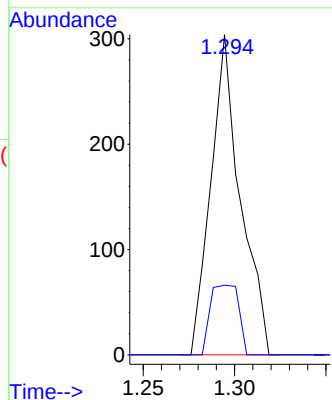
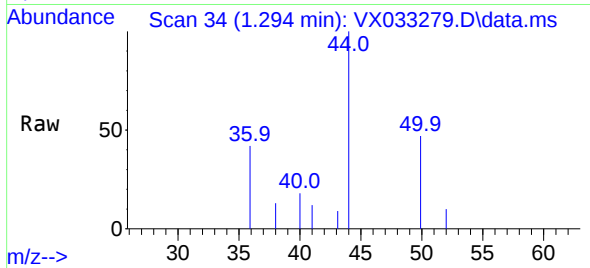




#3
Chloromethane
Concen: 0.412 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

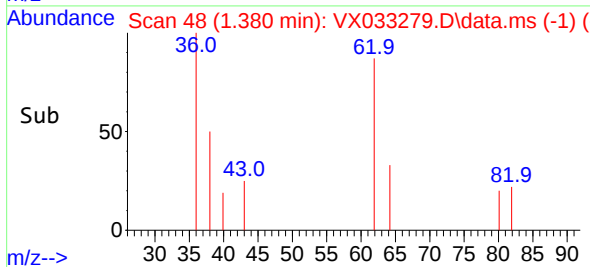
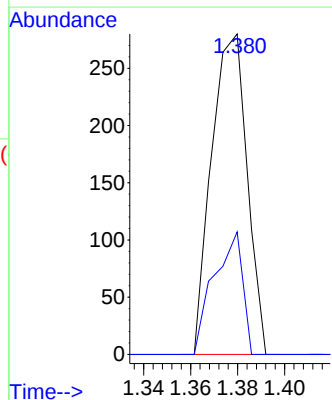
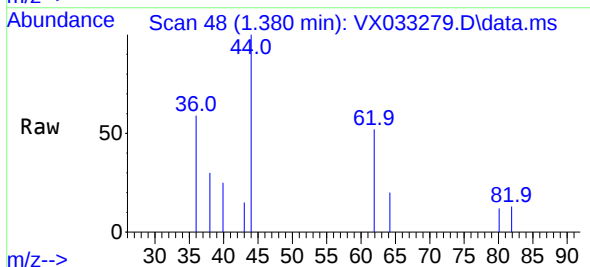
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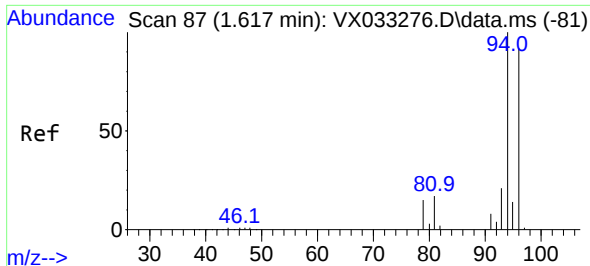
Tgt Ion: 50 Resp: 342
Ion Ratio Lower Upper
50 100
52 21.7 25.4 38.2#



#4
Vinyl Chloride
Concen: 0.310 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 62 Resp: 294
Ion Ratio Lower Upper
62 100
64 38.2 25.8 38.6

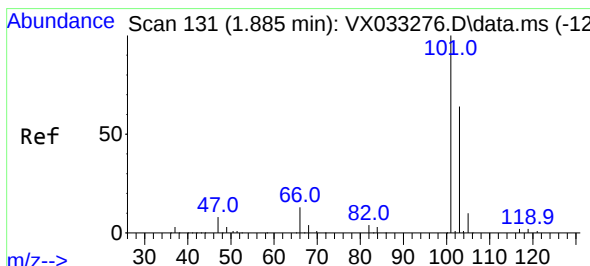
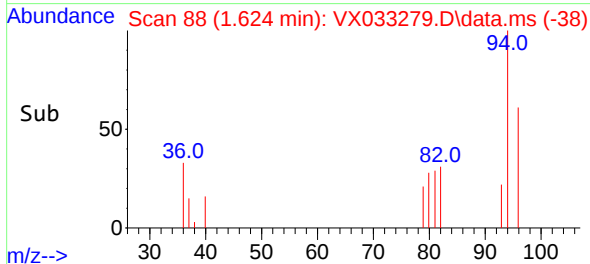
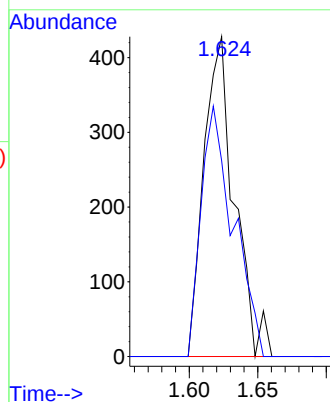
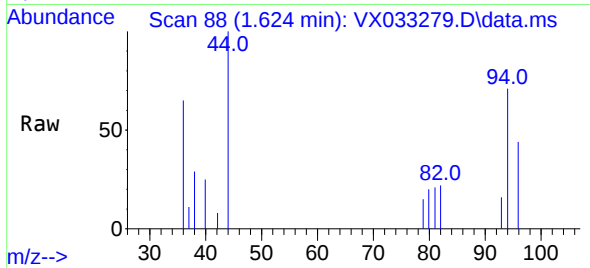




#5
Bromomethane
Concen: 0.951 ug/l
RT: 1.624 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

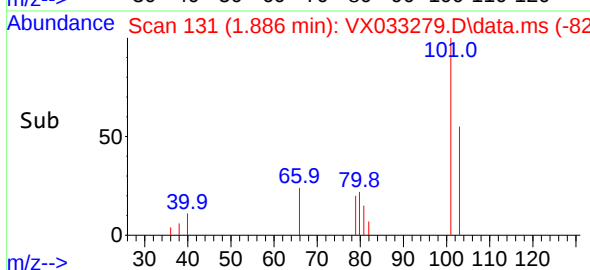
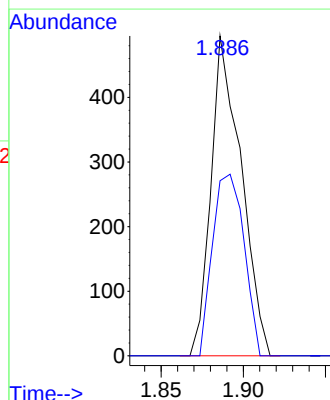
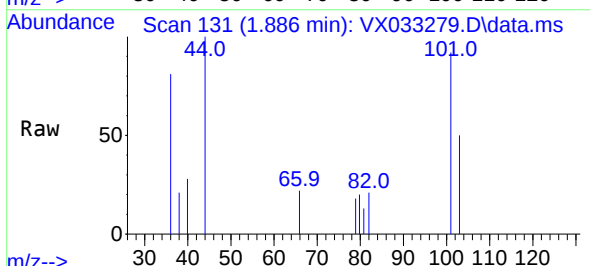
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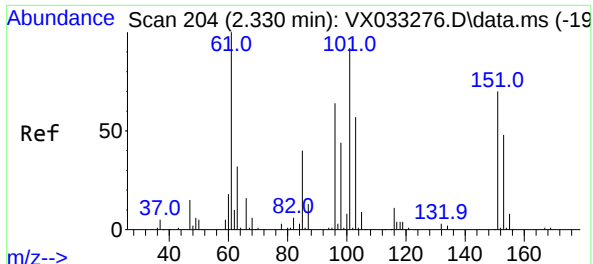
Tgt Ion: 94 Resp: 661
Ion Ratio Lower Upper
94 100
96 61.2 77.6 116.4#



#7
Trichlorofluoromethane
Concen: 0.355 ug/l
RT: 1.886 min Scan# 131
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 101 Resp: 631
Ion Ratio Lower Upper
101 100
103 54.7 51.4 77.2

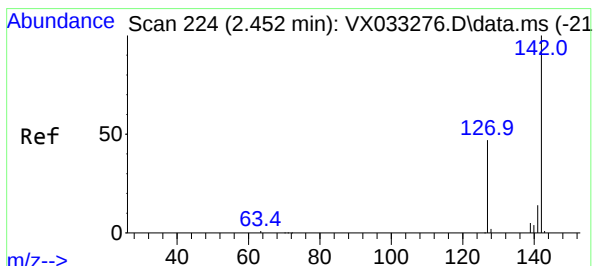
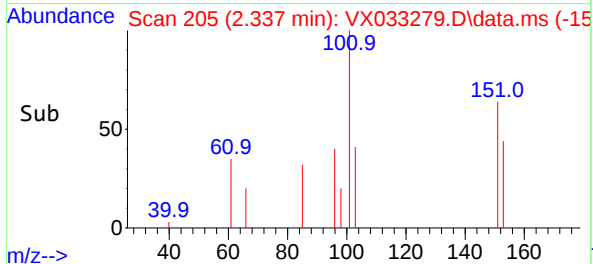
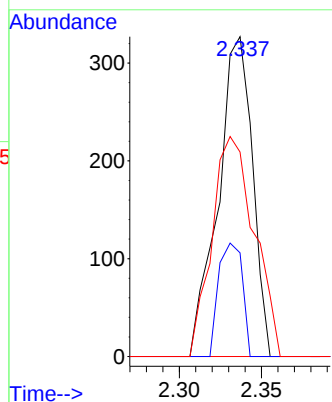
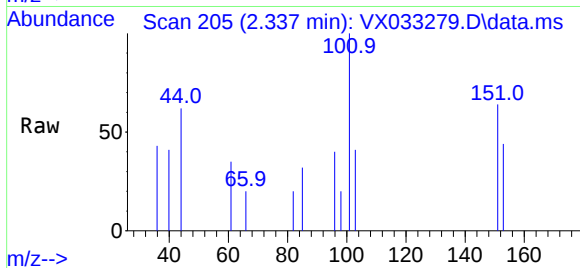




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.502 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

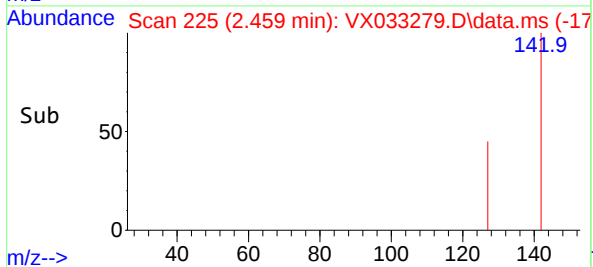
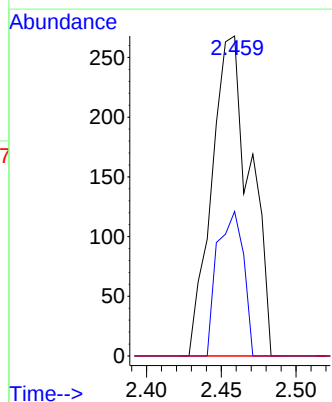
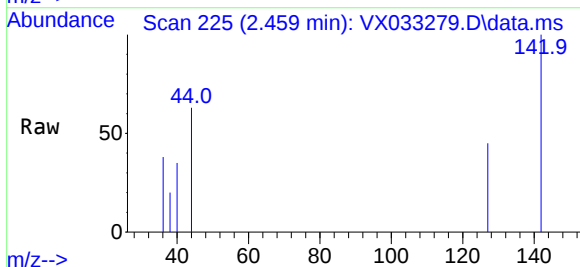
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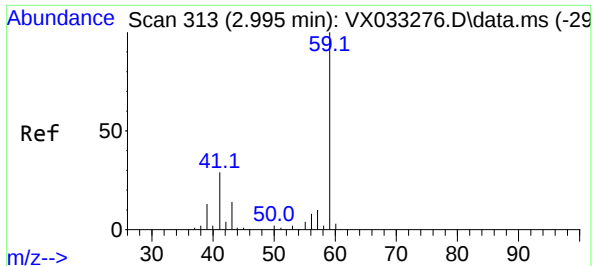
Tgt Ion:101 Resp: 474
Ion Ratio Lower Upper
101 100
85 24.5 37.0 55.4#
151 85.0 64.4 96.6



#10
Methyl Iodide
Concen: 0.464 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion:142 Resp: 479
Ion Ratio Lower Upper
142 100
127 30.7 38.6 57.8#
141 0.0 11.4 17.2#

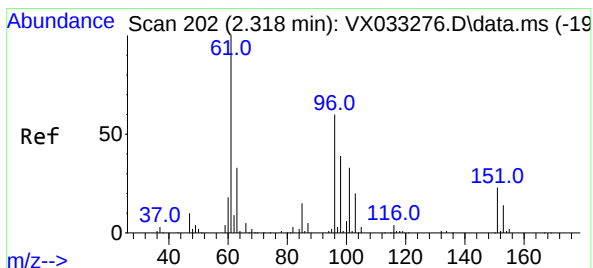
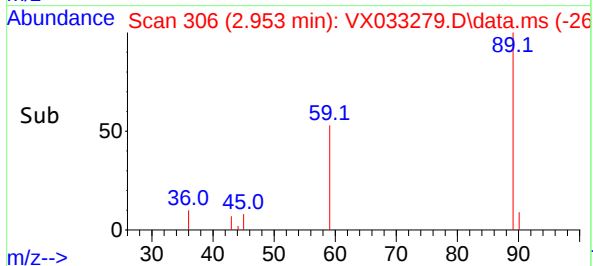
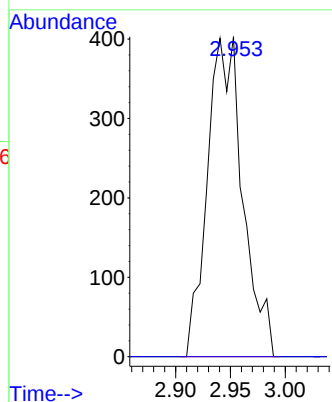
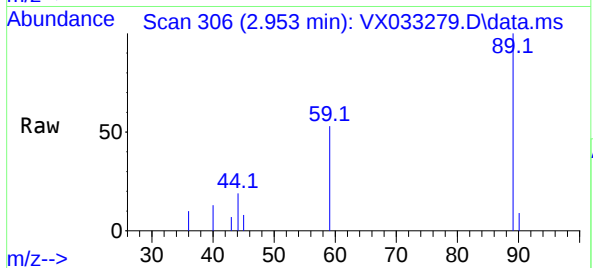




#11
Tert butyl alcohol
Concen: 4.472 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.042 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

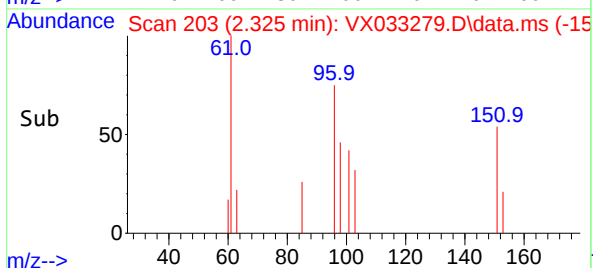
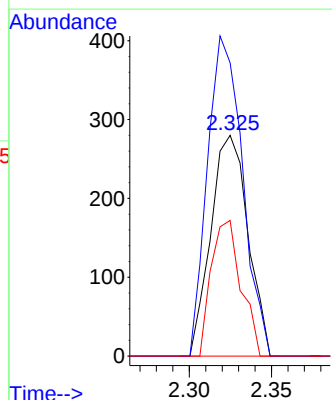
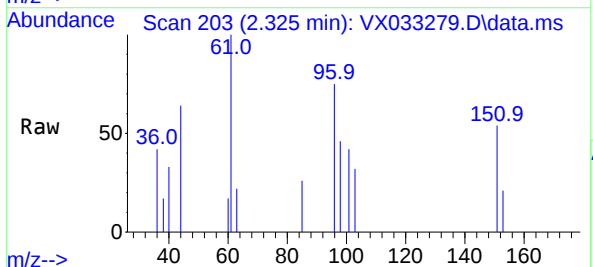
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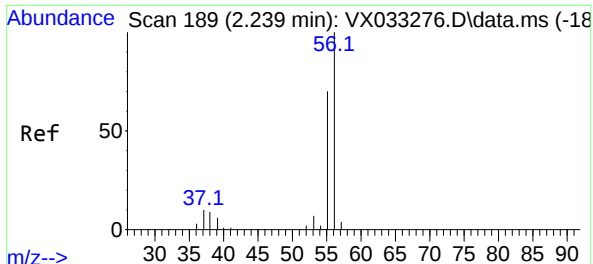
Tgt Ion: 59 Resp: 901
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 0.471 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX033279.D
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Tgt Ion: 96 Resp: 439
Ion Ratio Lower Upper
96 100
61 132.9 125.1 187.7
98 61.4 50.6 76.0

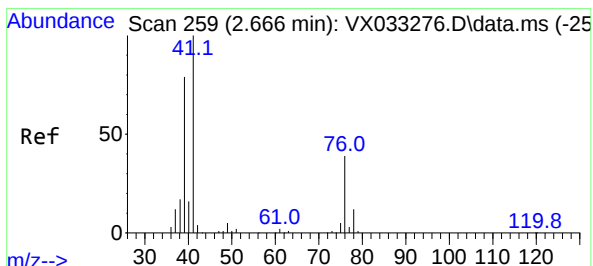
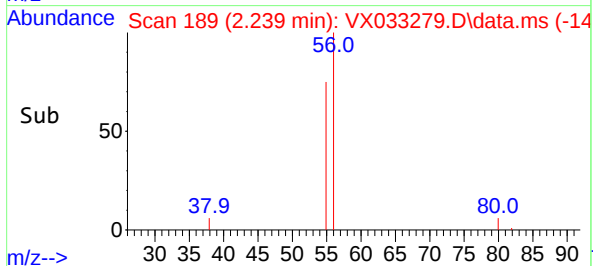
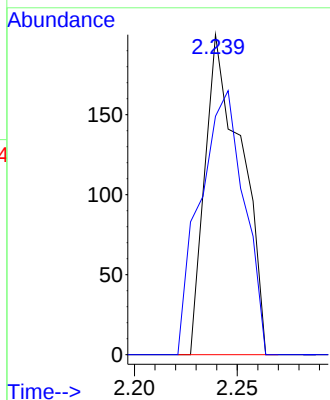
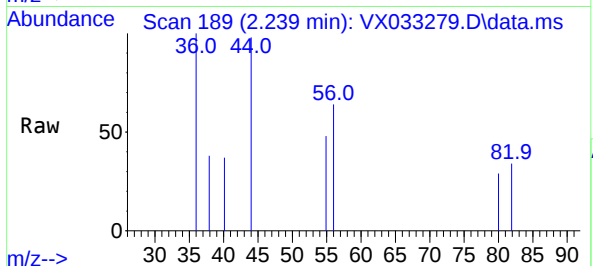




#13
Acrolein
Concen: 1.130 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

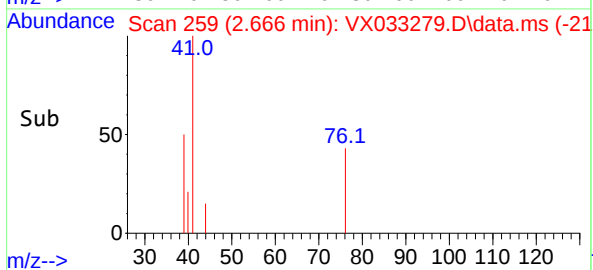
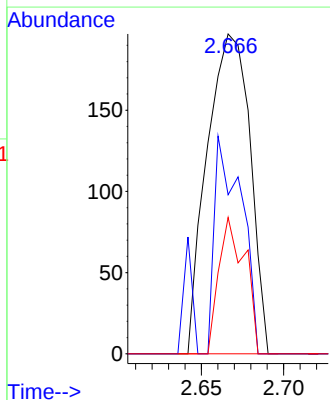
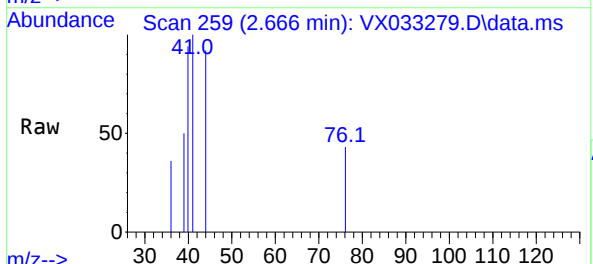
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

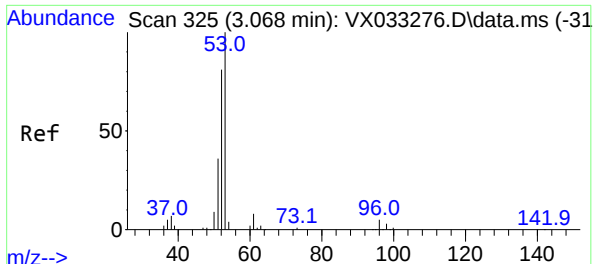
Tgt Ion: 56 Resp: 247
Ion Ratio Lower Upper
56 100
55 100.0 56.9 85.3#



#14
Allyl chloride
Concen: 0.241 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 41 Resp: 358
Ion Ratio Lower Upper
41 100
39 42.7 61.4 92.2#
76 0.0 29.2 43.8#



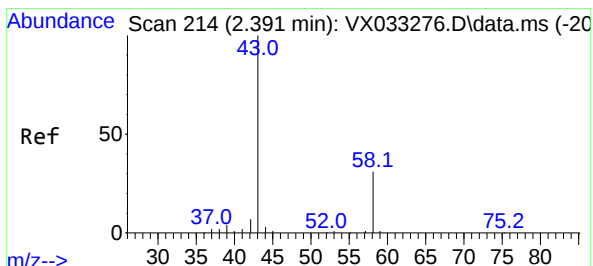
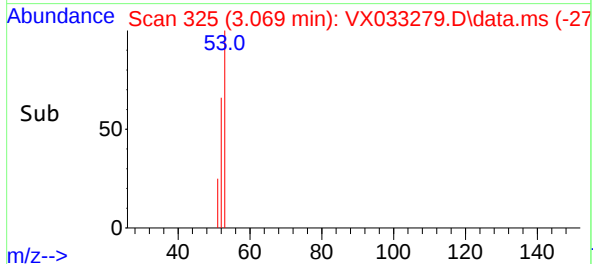
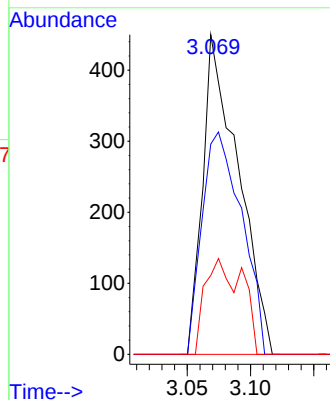
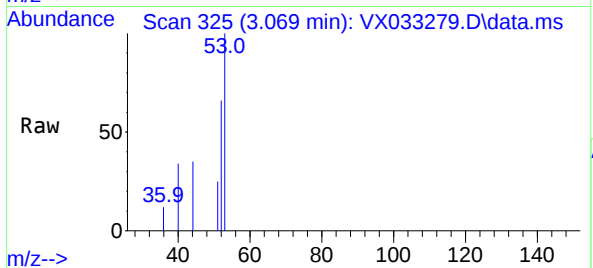


#15
Acrylonitrile
Concen: 1.761 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 53 Resp: 879

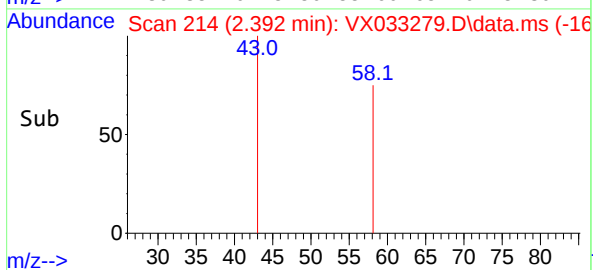
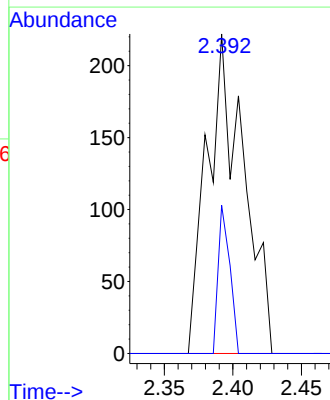
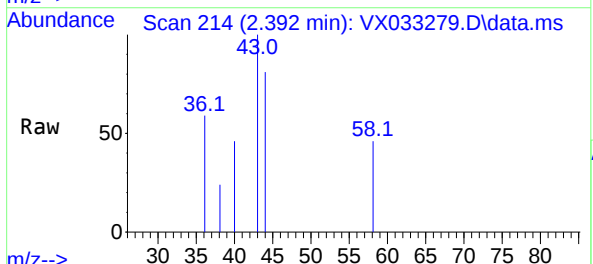
Ion	Ratio	Lower	Upper
53	100		
52	77.6	67.4	101.0
51	31.2	30.3	45.5

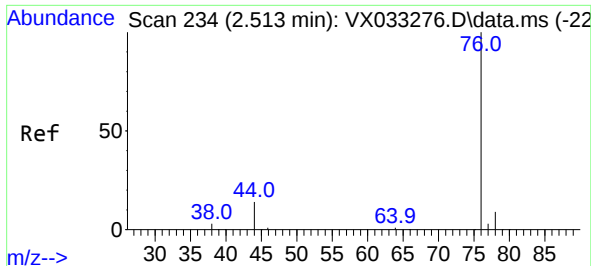


#16
Acetone
Concen: 0.841 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 43 Resp: 410

Ion	Ratio	Lower	Upper
43	100		
58	46.4	23.8	35.8#

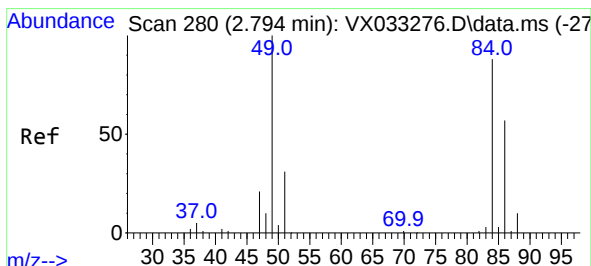
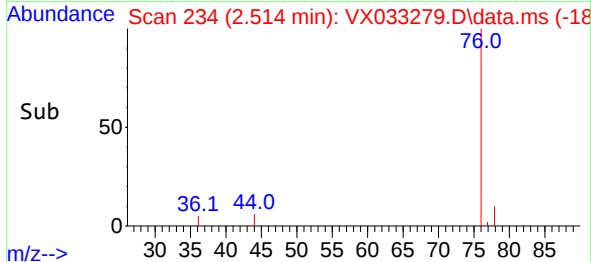
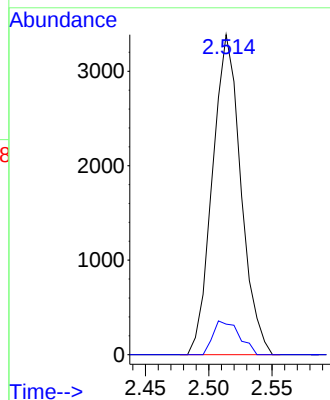
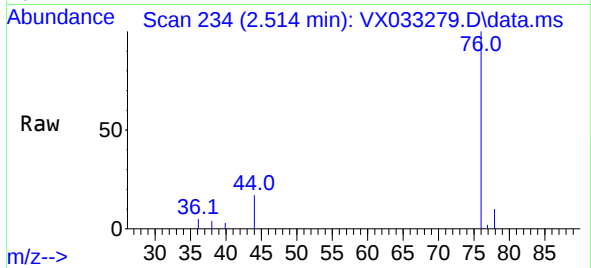




#17
Carbon Disulfide
Concen: 2.219 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

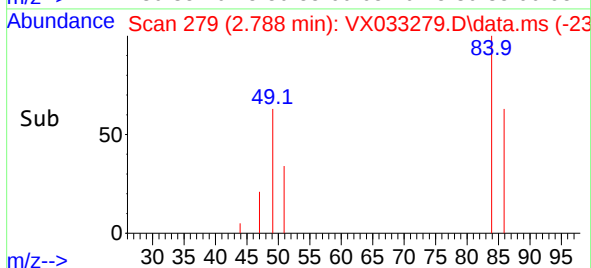
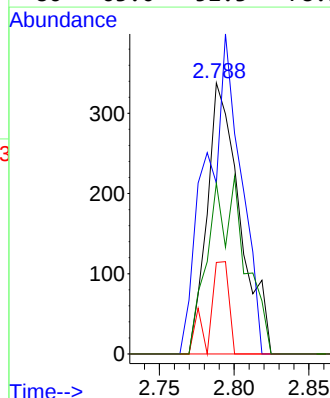
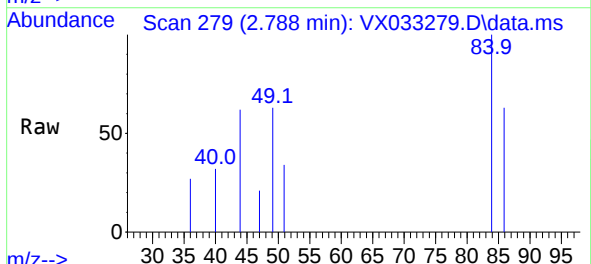
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

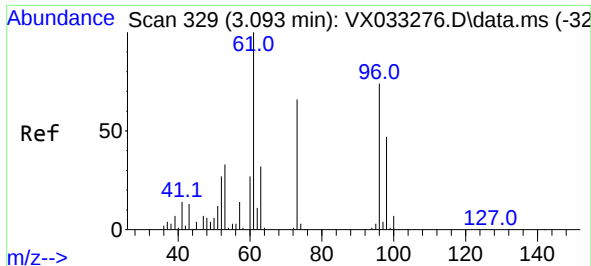
Tgt Ion: 76 Resp: 5305
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#20
Methylene Chloride
Concen: 0.474 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 84 Resp: 516
Ion Ratio Lower Upper
84 100
49 63.0 101.0 151.6#
51 33.7 31.1 46.7
86 63.0 52.3 78.5

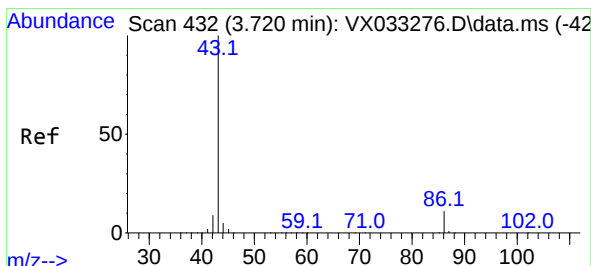
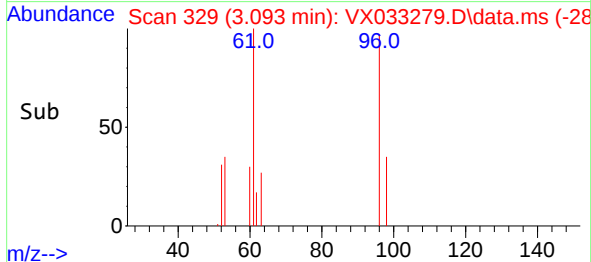
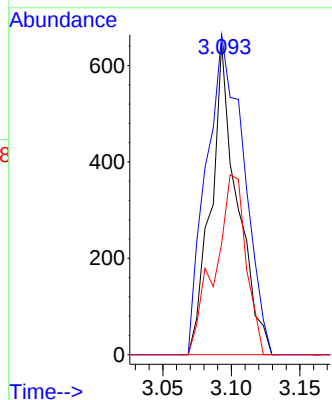
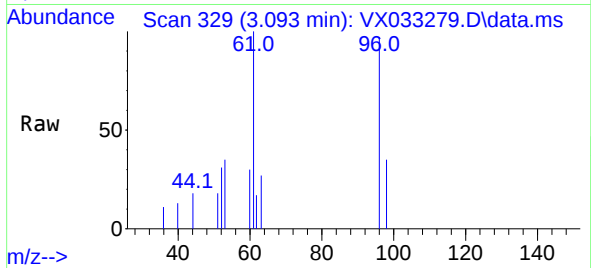




#21
trans-1,2-Dichloroethene
Concen: 0.851 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

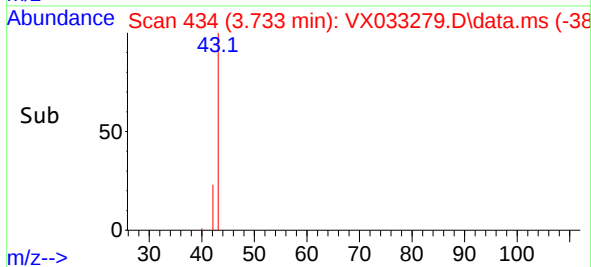
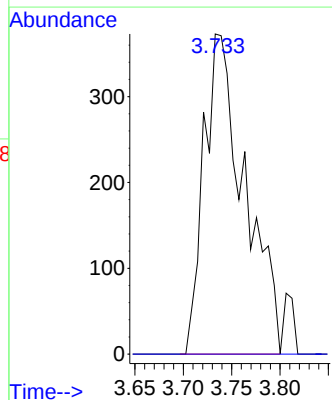
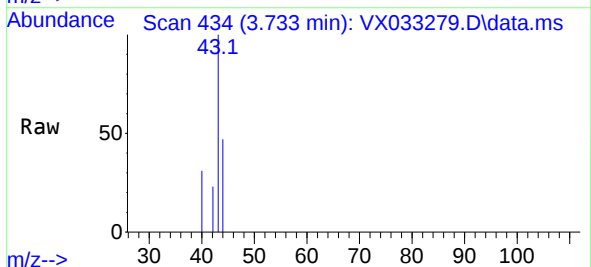
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

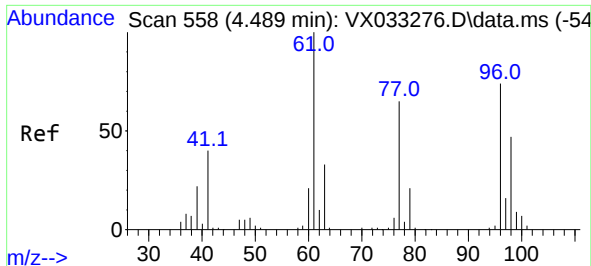
Tgt Ion: 96 Resp: 867
Ion Ratio Lower Upper
96 100
61 102.6 106.6 160.0#
98 35.5 51.0 76.6#



#23
Vinyl Acetate
Concen: 0.443 ug/l
RT: 3.733 min Scan# 434
Delta R.T. 0.013 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 43 Resp: 1096
Ion Ratio Lower Upper
43 100
86 0.0 8.6 12.8#



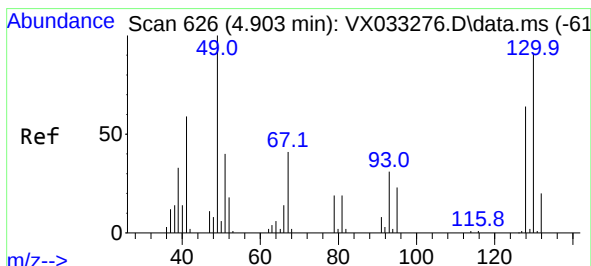
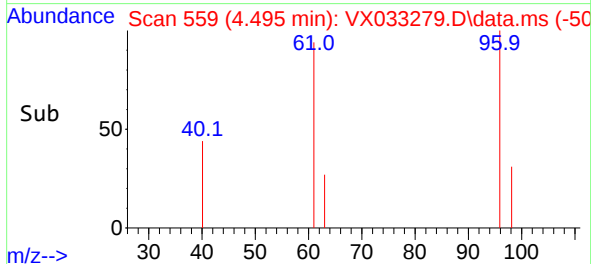
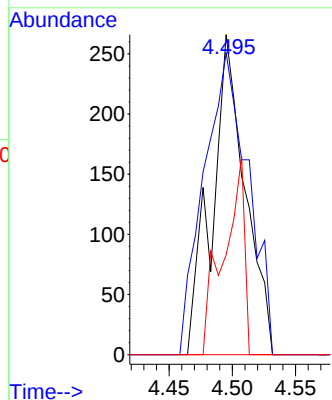
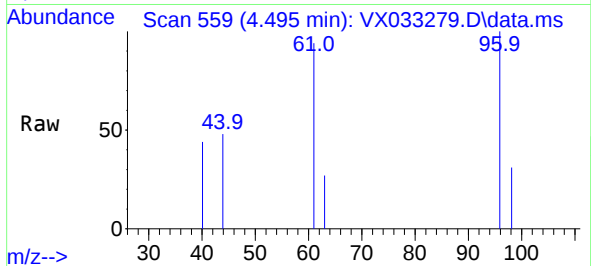


#27
 cis-1,2-Dichloroethene
 Concen: 0.402 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX033279.D
 Acq: 07 Dec 2022 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Tgt Ion: 96 Resp: 489

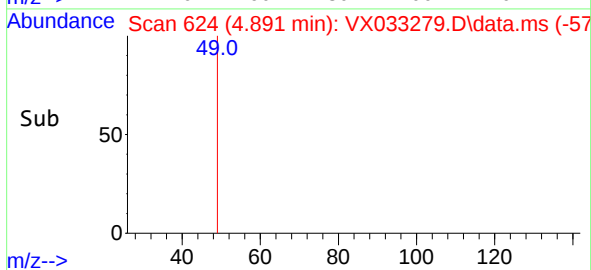
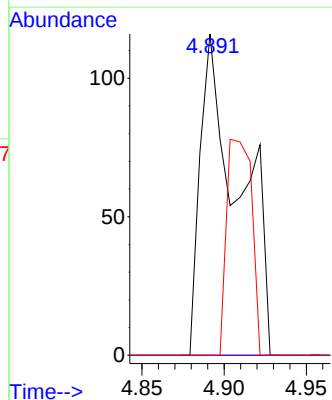
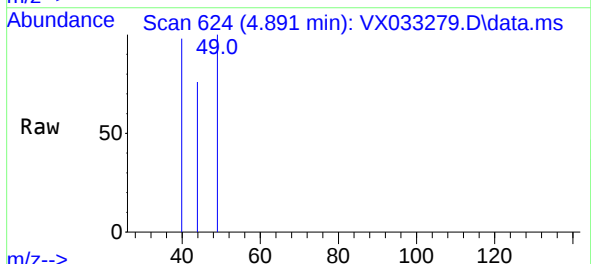
Ion	Ratio	Lower	Upper
96	100		
61	124.3	0.0	286.0
98	38.4	0.0	129.6

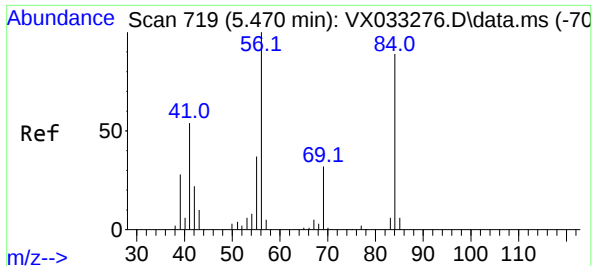


#28
 Bromochloromethane
 Concen: 0.241 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. -0.012 min
 Lab File: VX033279.D
 Acq: 07 Dec 2022 12:05

Tgt Ion: 49 Resp: 189

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	43.4	67.5	101.3

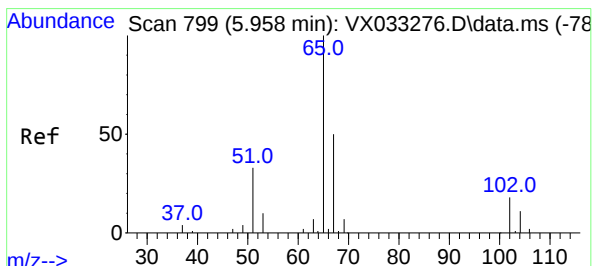
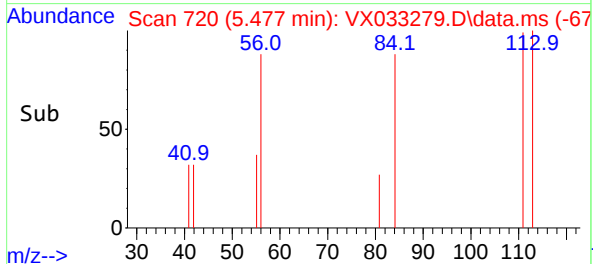
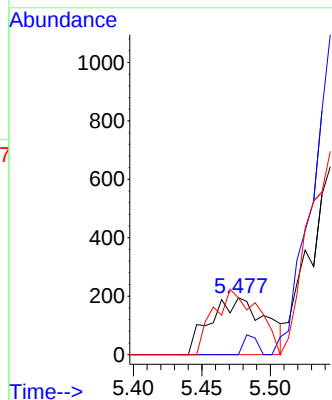
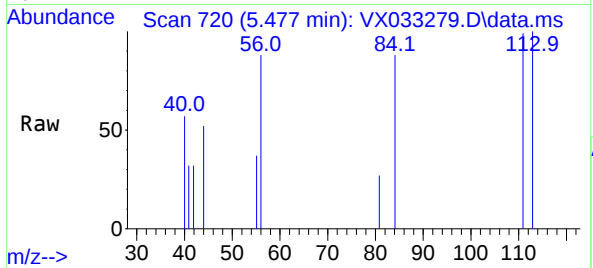




#31
Cyclohexane
Concen: 0.350 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

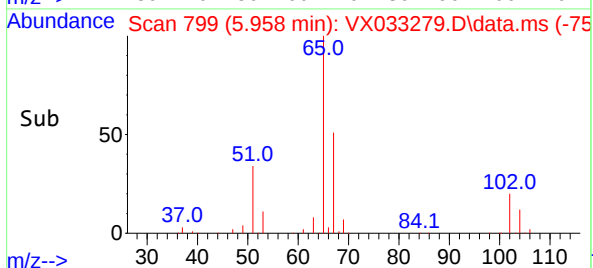
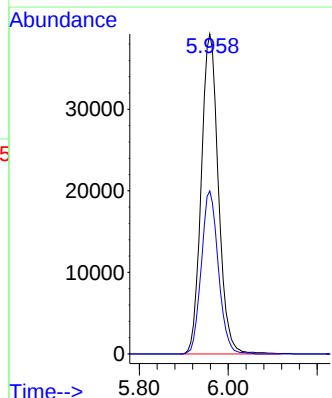
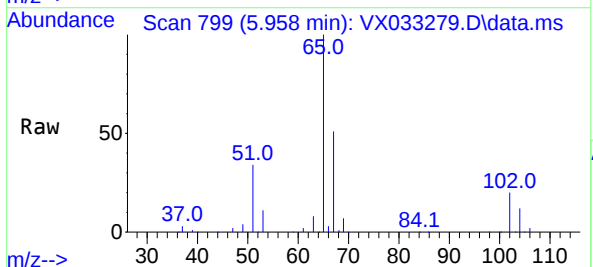
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

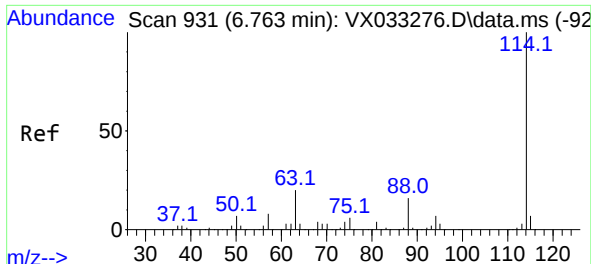
Tgt Ion: 56 Resp: 548
Ion Ratio Lower Upper
56 100
69 0.0 24.1 36.1#
84 99.5 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 159.756 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 65 Resp: 105285
Ion Ratio Lower Upper
65 100
67 50.6 0.0 101.8

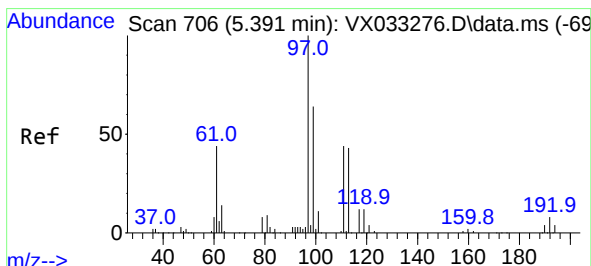
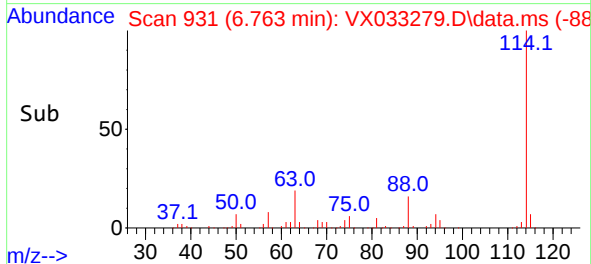
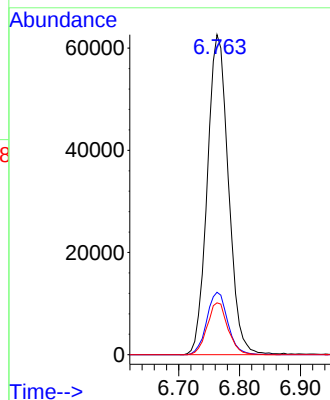
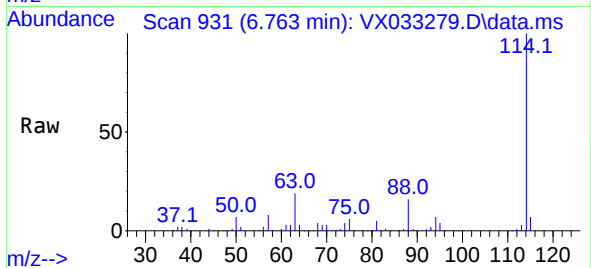




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

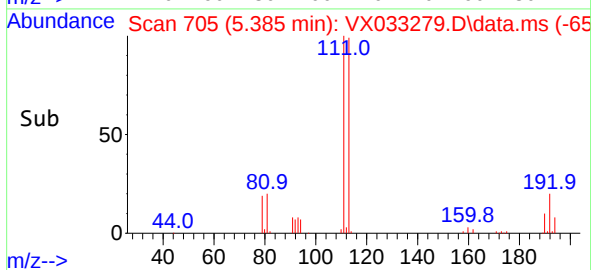
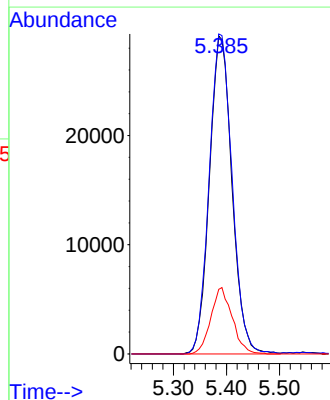
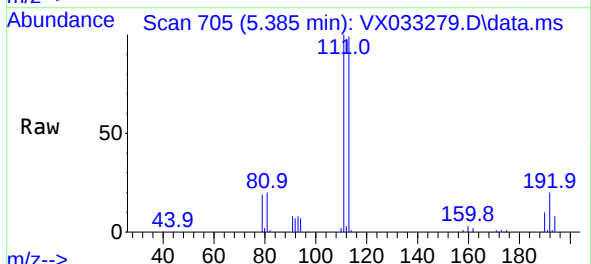
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

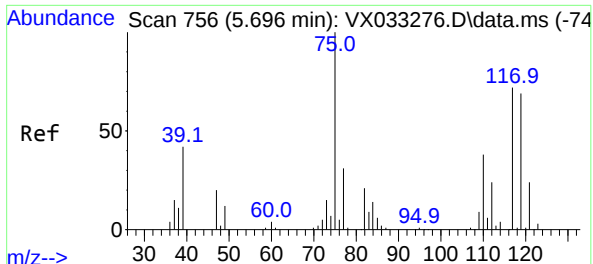
Tgt Ion:114 Resp: 150997
Ion Ratio Lower Upper
114 100
63 19.5 0.0 41.6
88 16.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 126.294 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion:113 Resp: 85773
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.9 15.4 23.2



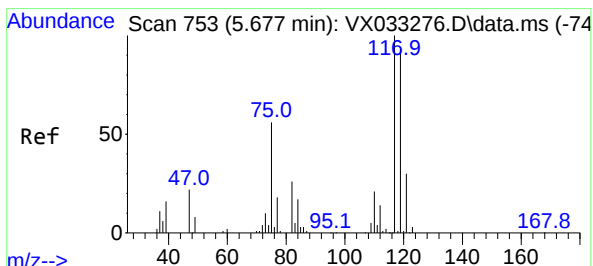
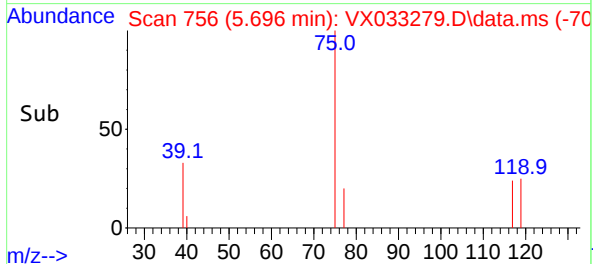
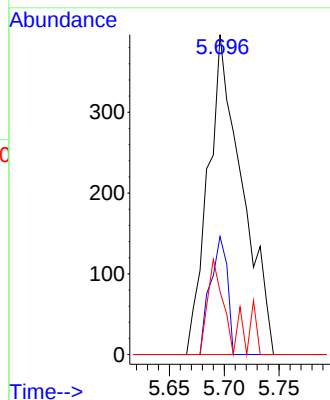
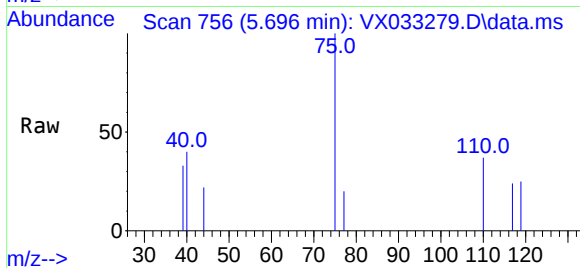


#36
1,1-Dichloropropene
Concen: 0.646 ug/l
RT: 5.696 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 855

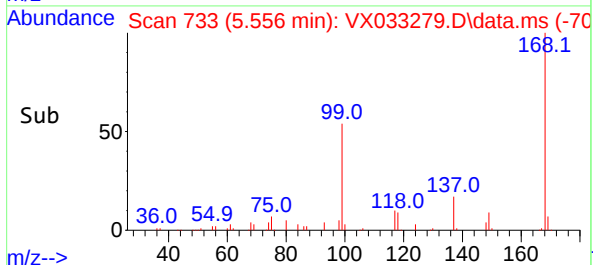
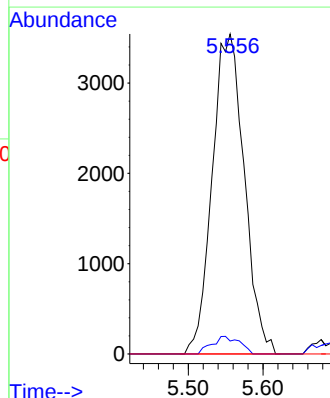
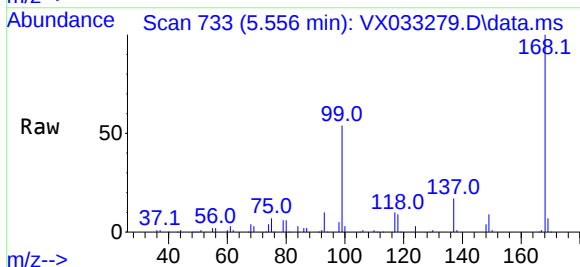
Ion	Ratio	Lower	Upper
75	100		
110	18.5	18.4	55.2
77	13.1	24.5	36.7#

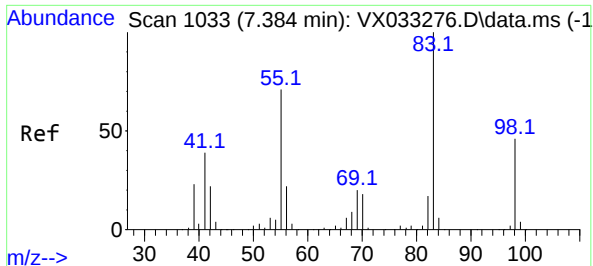


#38
Carbon Tetrachloride
Concen: 7.105 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 117 Resp: 10540

Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.2	115.8#
121	0.0	25.8	38.6#





#39

Methylcyclohexane

Concen: 0.514 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033279.D

Acq: 07 Dec 2022 12:05

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

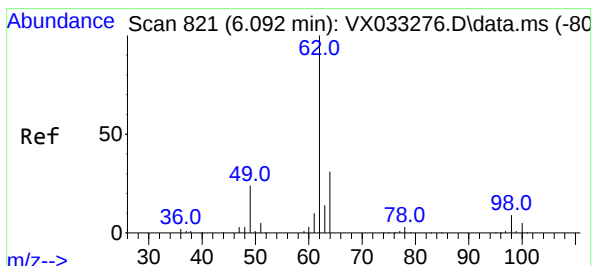
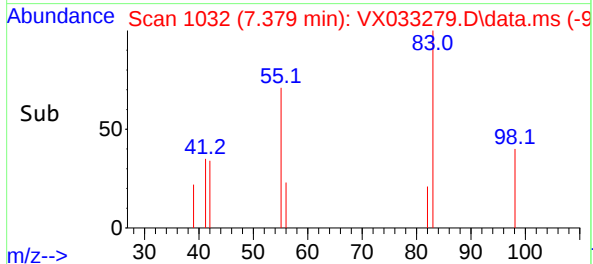
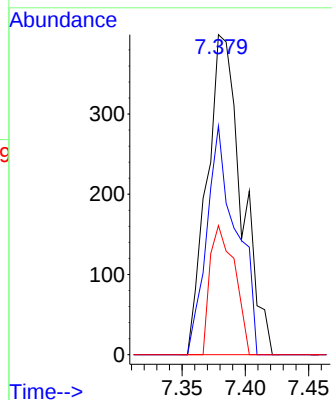
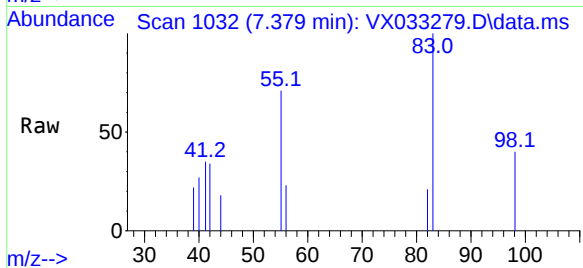
Tgt Ion: 83 Resp: 762

Ion Ratio Lower Upper

83 100

55 71.4 58.4 87.6

98 40.4 37.2 55.8



#42

1,2-Dichloroethane

Concen: 0.322 ug/l

RT: 6.098 min Scan# 822

Delta R.T. 0.006 min

Lab File: VX033279.D

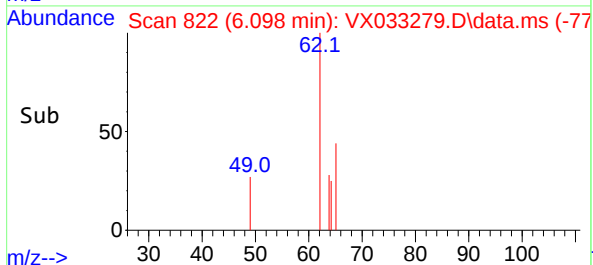
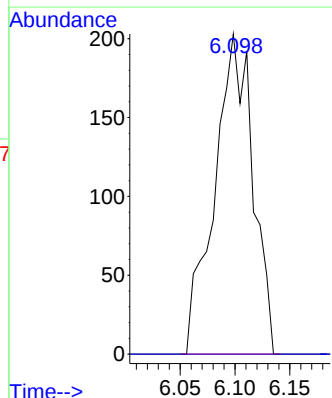
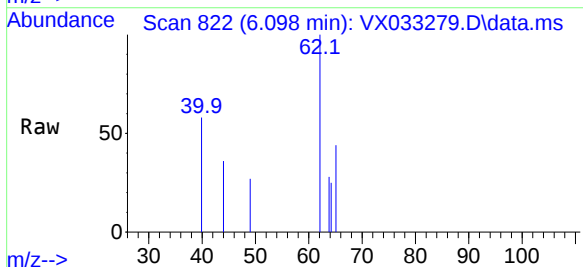
Acq: 07 Dec 2022 12:05

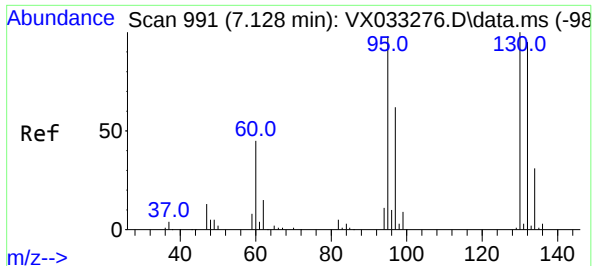
Tgt Ion: 62 Resp: 494

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0

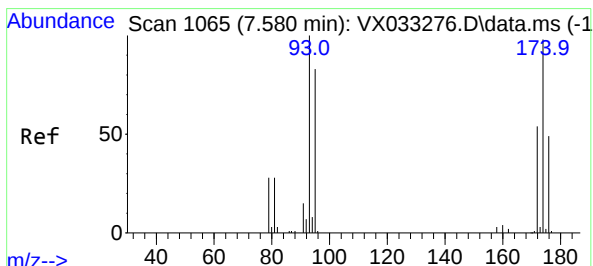
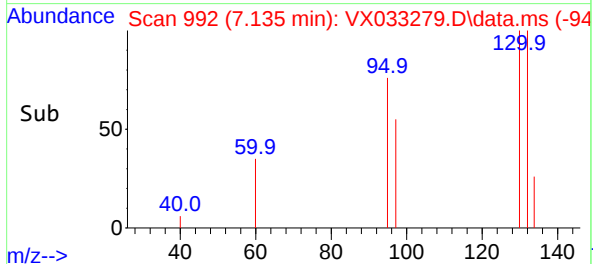
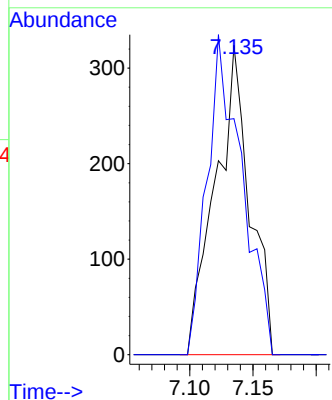
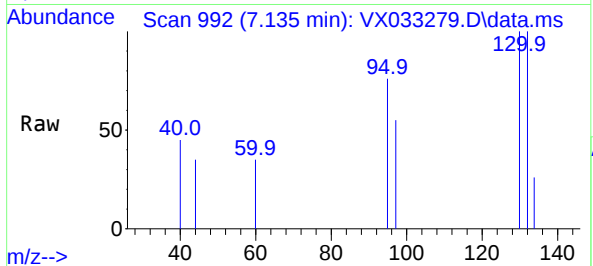




#44
Trichloroethene
Concen: 0.575 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

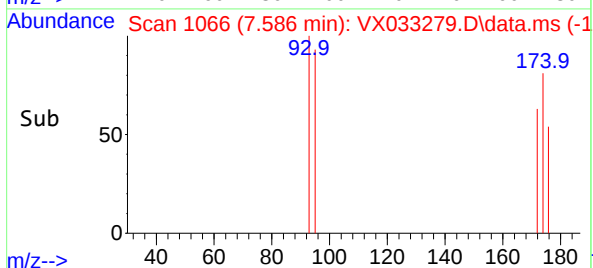
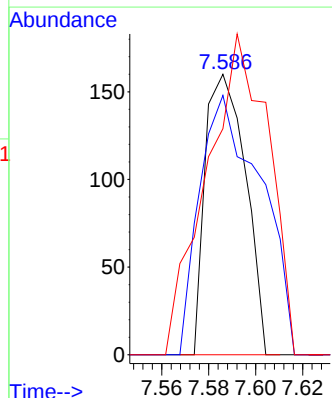
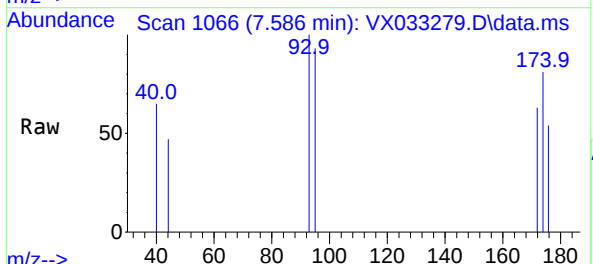
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

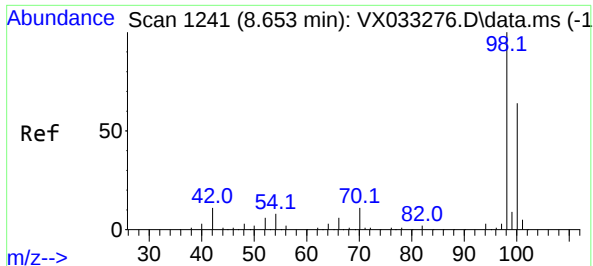
Tgt Ion:130 Resp: 612
Ion Ratio Lower Upper
130 100
95 76.2 0.0 195.2



#46
Dibromomethane
Concen: 0.253 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 93 Resp: 190
Ion Ratio Lower Upper
93 100
95 141.1 65.8 98.8#
174 175.8 79.8 119.6#

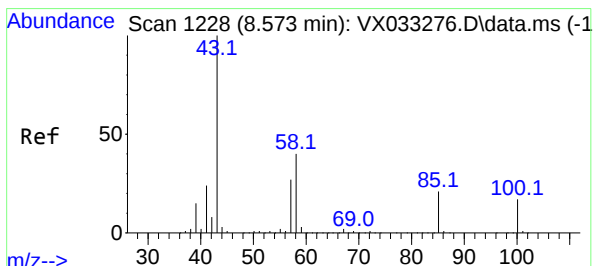
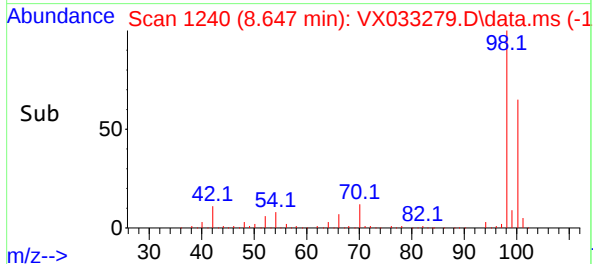
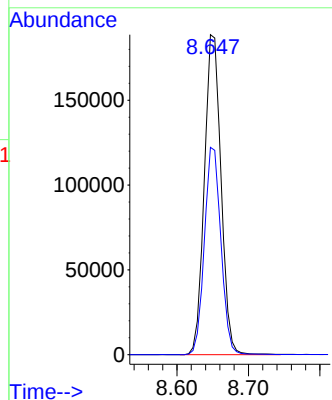
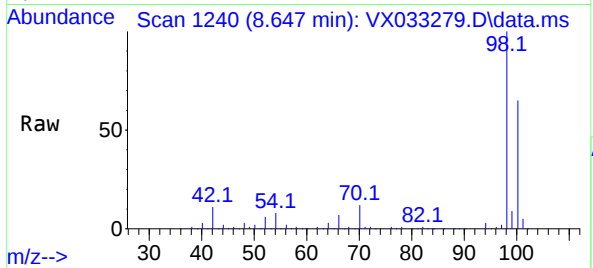




#50
Toluene-d8
Concen: 215.245 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

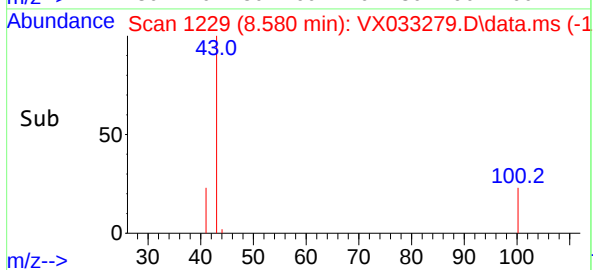
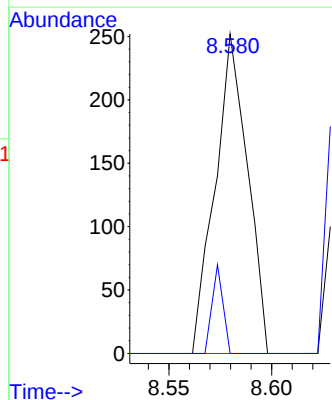
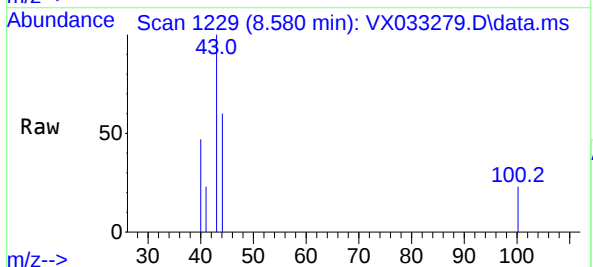
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

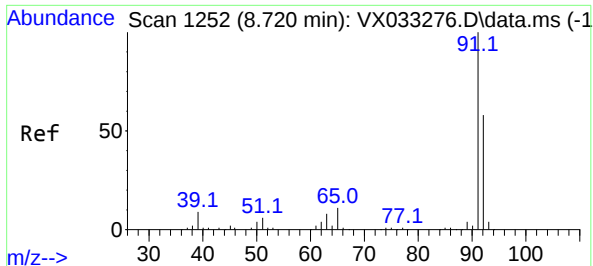
Tgt Ion: 98 Resp: 305810
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.217 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 43 Resp: 276
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#





#52

Toluene

Concen: 0.276 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX033279.D

Acq: 07 Dec 2022 12:05

Instrument :

MSVOA_X

ClientSampleId :

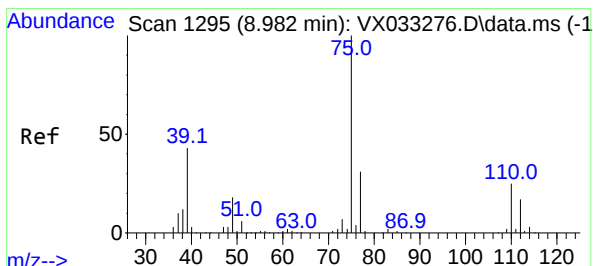
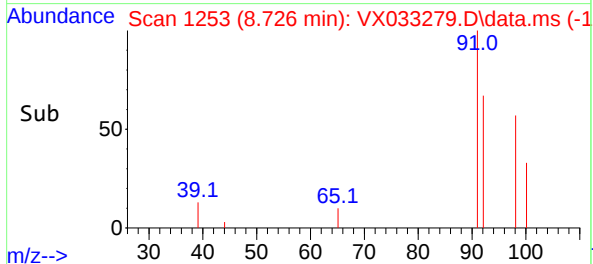
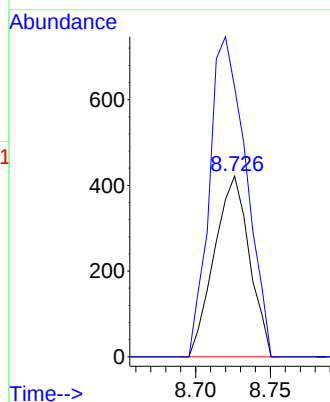
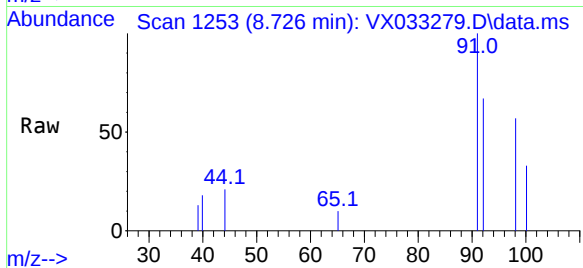
VIBLK

Tgt Ion: 92 Resp: 689

Ion Ratio Lower Upper

92 100

91 184.2 138.3 207.5



#53

t-1,3-Dichloropropene

Concen: 2.766 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.006 min

Lab File: VX033279.D

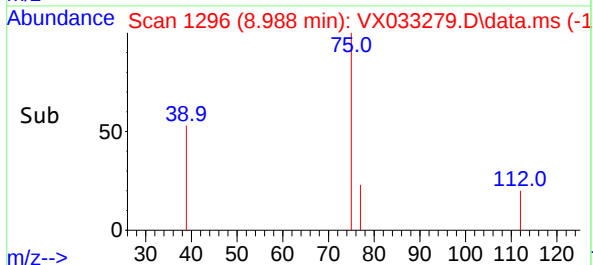
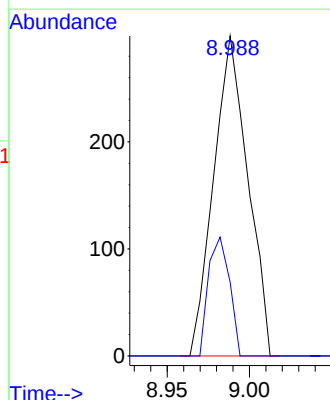
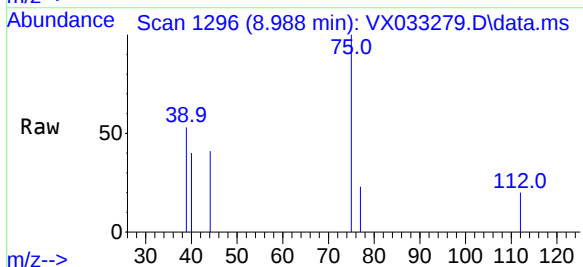
Acq: 07 Dec 2022 12:05

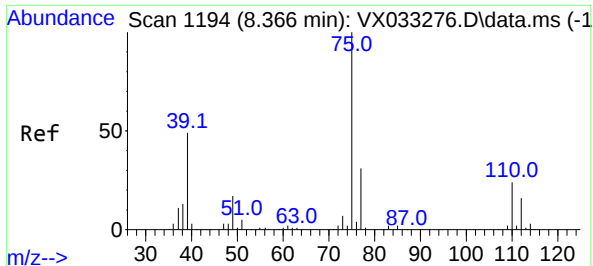
Tgt Ion: 75 Resp: 432

Ion Ratio Lower Upper

75 100

77 23.1 25.1 37.7#

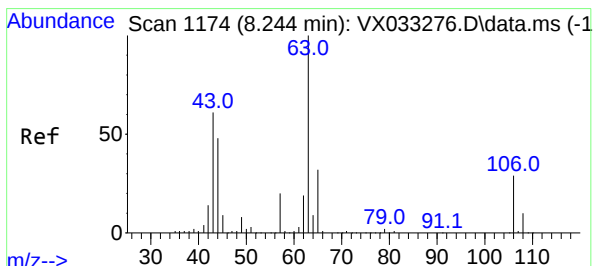
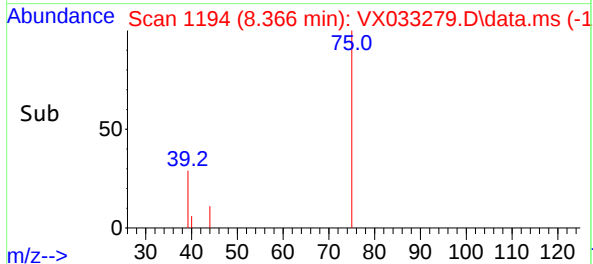
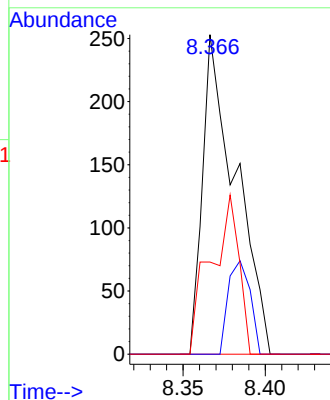
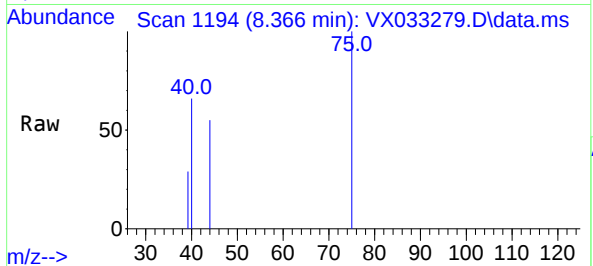




#54
 cis-1,3-Dichloropropene
 Concen: 0.227 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX033279.D
 Acq: 07 Dec 2022 12:05

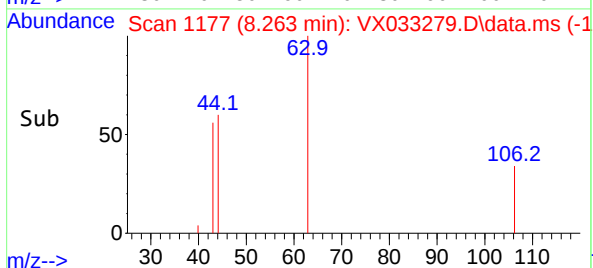
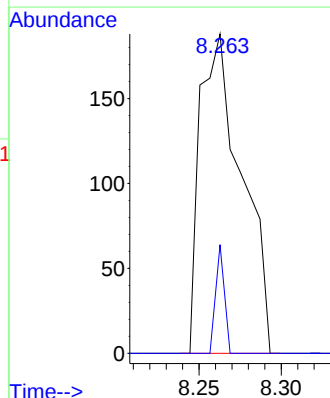
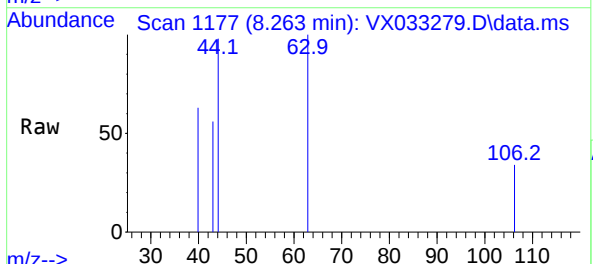
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

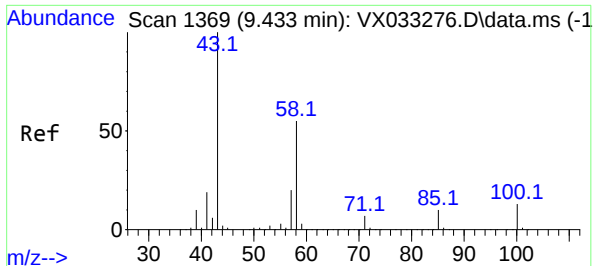
Tgt Ion:	75	Resp:	354
Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.1	37.7#
39	28.9	45.5	68.3#



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.491 ug/l
 RT: 8.263 min Scan# 1177
 Delta R.T. 0.019 min
 Lab File: VX033279.D
 Acq: 07 Dec 2022 12:05

Tgt Ion:	63	Resp:	332
Ion	Ratio	Lower	Upper
63	100		
106	6.9	23.3	34.9#





#59

2-Hexanone

Concen: 0.356 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.013 min

Lab File: VX033279.D

Acq: 07 Dec 2022 12:05

Instrument :

MSVOA_X

ClientSampleId :

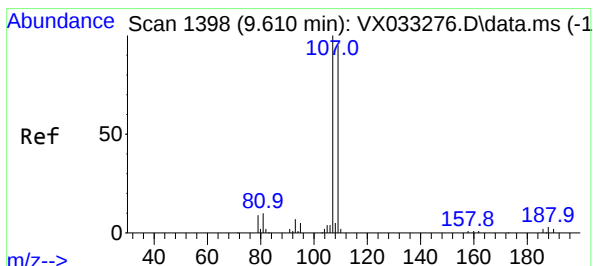
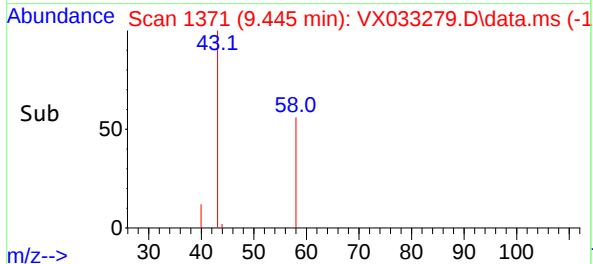
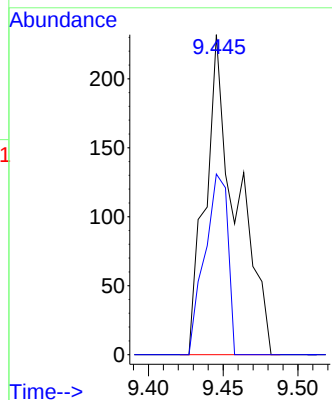
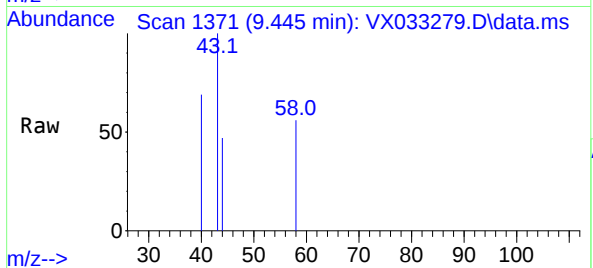
VIBLK

Tgt Ion: 43 Resp: 334

Ion Ratio Lower Upper

43 100

58 41.9 26.5 79.5



#61

1,2-Dibromoethane

Concen: 0.258 ug/l

RT: 9.616 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VX033279.D

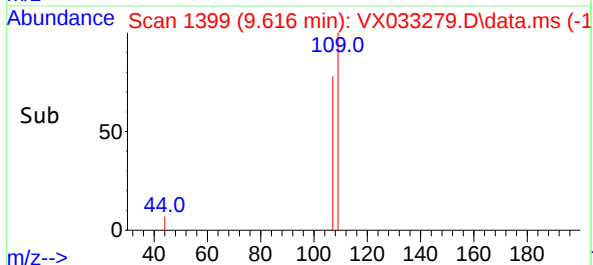
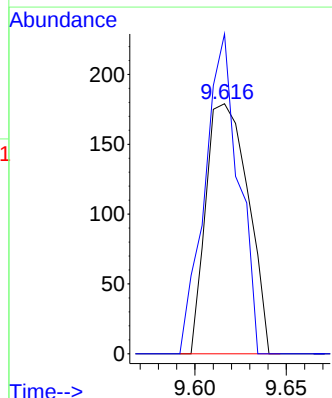
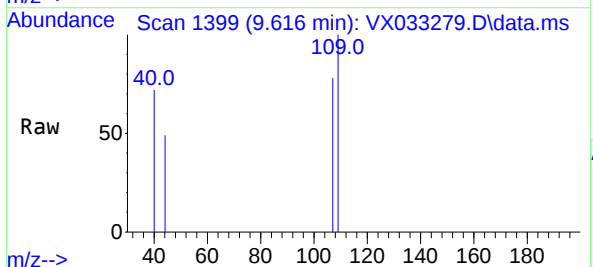
Acq: 07 Dec 2022 12:05

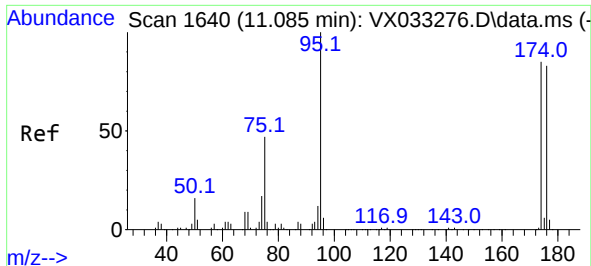
Tgt Ion: 107 Resp: 288

Ion Ratio Lower Upper

107 100

109 102.1 76.0 114.0

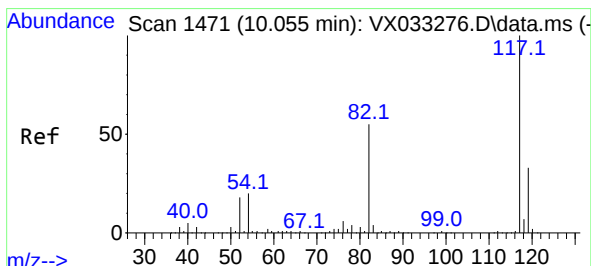
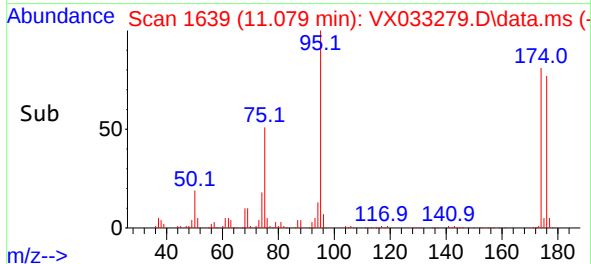
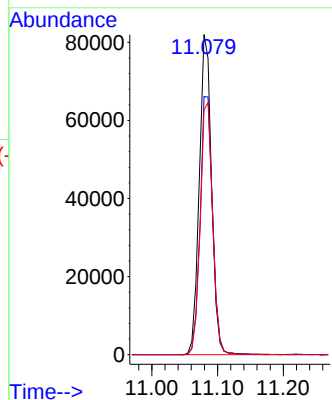
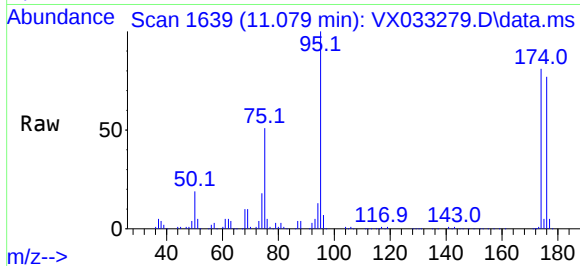




#62
4-Bromofluorobenzene
Concen: 97.148 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

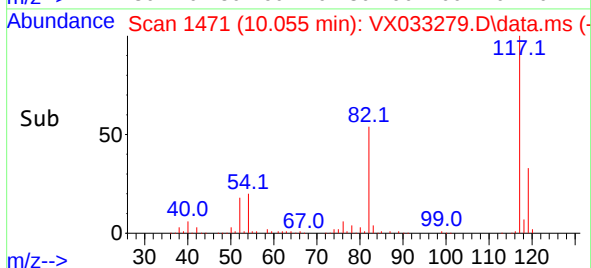
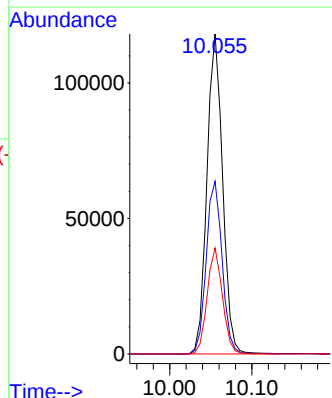
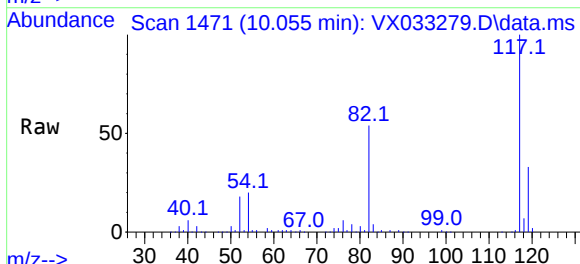
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

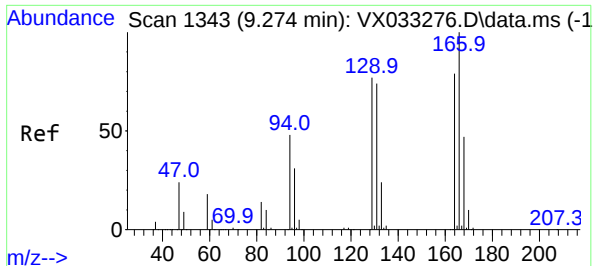
Tgt Ion: 95 Resp: 105535
Ion Ratio Lower Upper
95 100
174 82.8 0.0 164.0
176 79.8 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 117 Resp: 156420
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 33.1 25.7 38.5





#64

Tetrachloroethene

Concen: 0.510 ug/l

RT: 9.269 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033279.D

Acq: 07 Dec 2022 12:05

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

Tgt Ion:164 Resp: 545

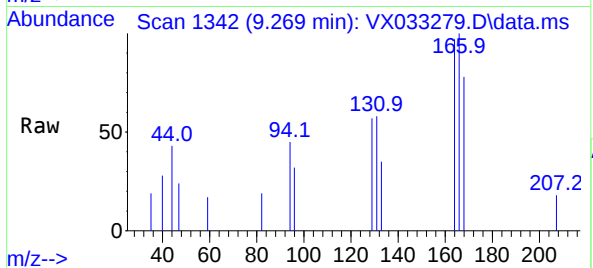
Ion Ratio Lower Upper

164 100

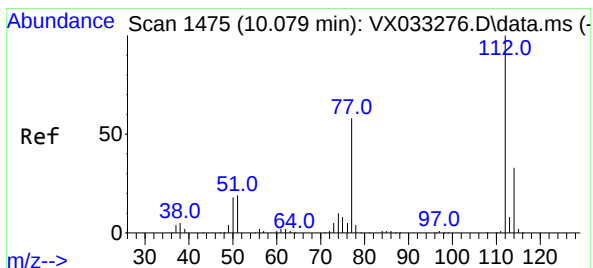
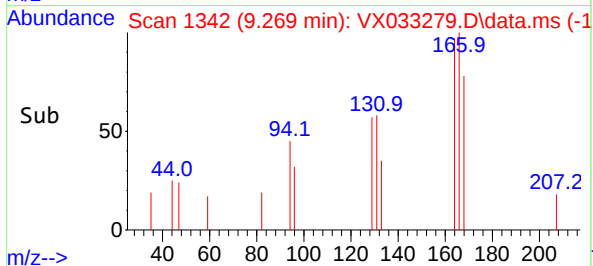
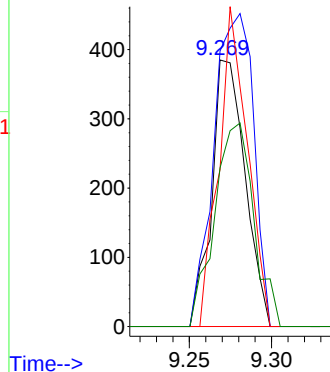
166 103.4 105.4 158.2#

129 59.0 78.2 117.2#

131 59.5 72.5 108.7#



Abundance



#65

Chlorobenzene

Concen: 0.338 ug/l

RT: 10.086 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VX033279.D

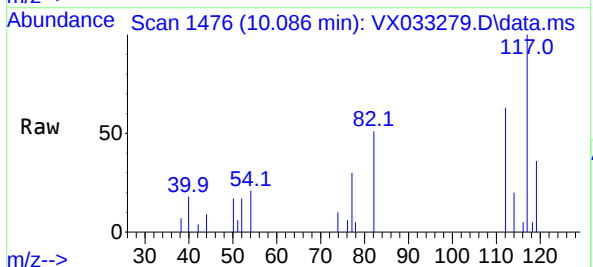
Acq: 07 Dec 2022 12:05

Tgt Ion:112 Resp: 1072

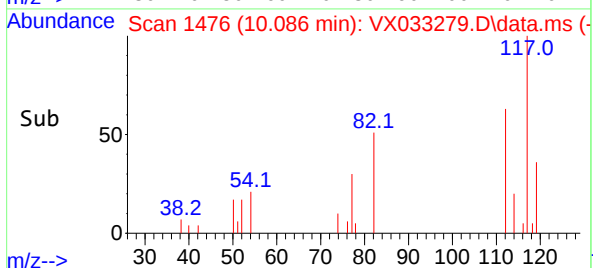
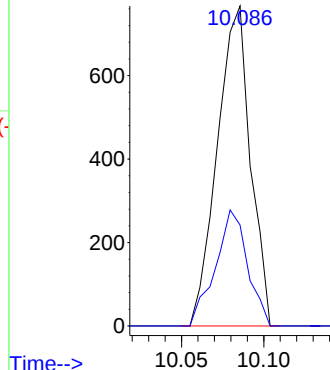
Ion Ratio Lower Upper

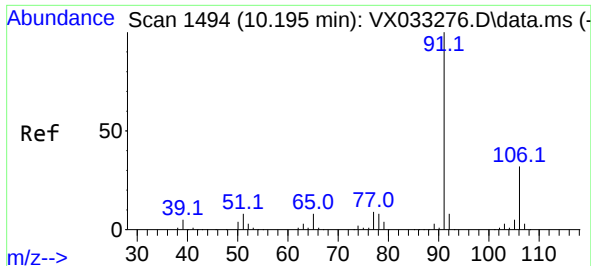
112 100

114 31.6 25.4 38.2



Abundance

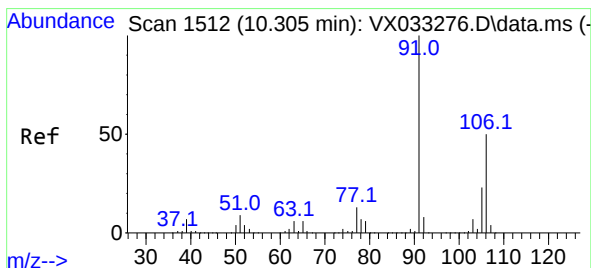
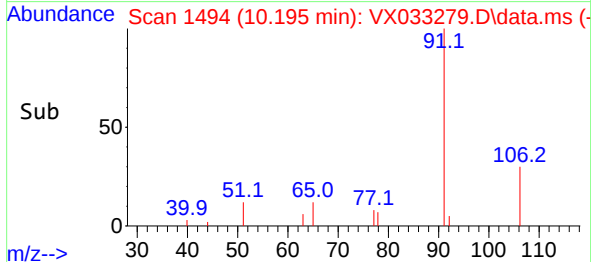
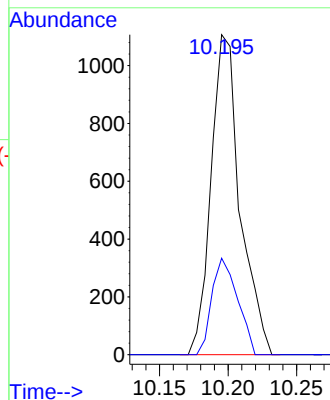
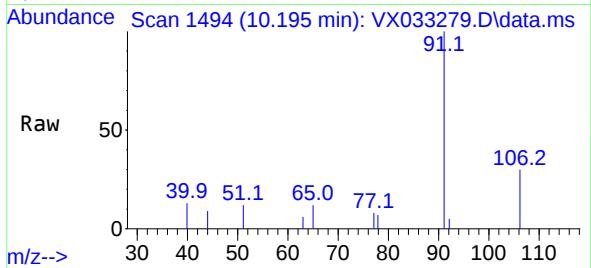




#67
Ethyl Benzene
Concen: 0.295 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

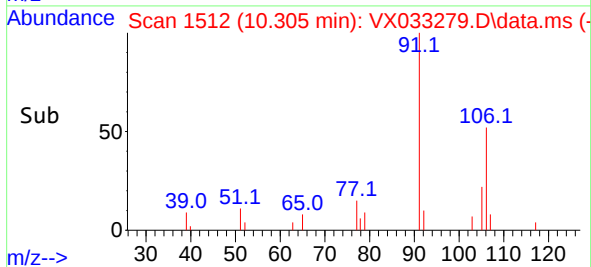
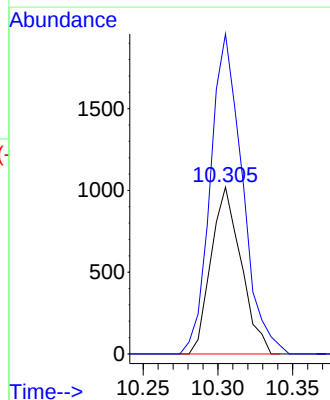
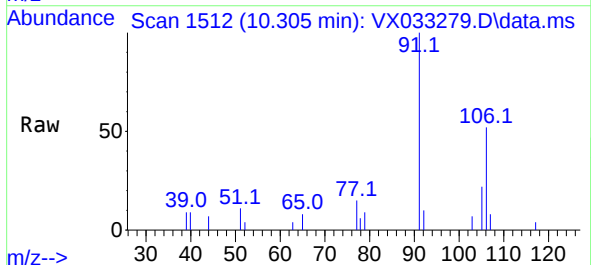
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

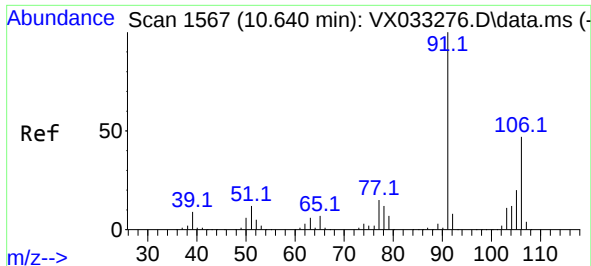
Tgt Ion: 91 Resp: 1627
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.6



#68
m/p-Xylenes
Concen: 0.665 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 106 Resp: 1427
Ion Ratio Lower Upper
106 100
91 203.9 164.5 246.7

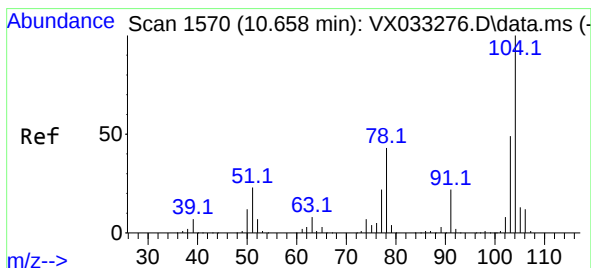
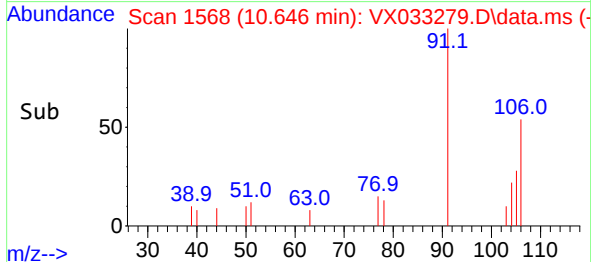
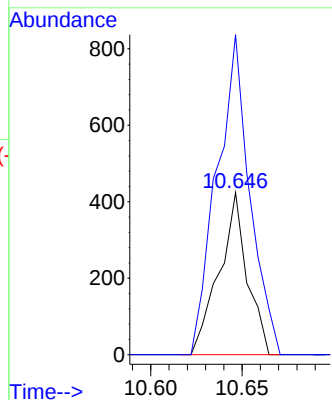
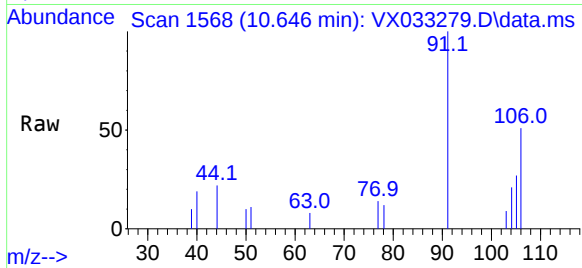




#69
o-Xylene
Concen: 0.213 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

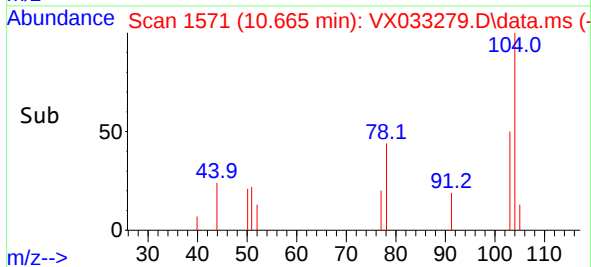
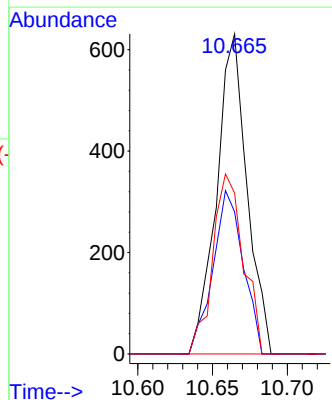
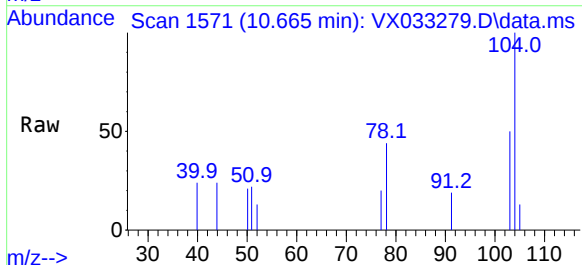
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

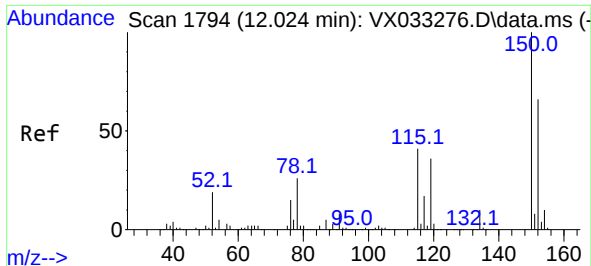
Tgt Ion:106 Resp: 453
Ion Ratio Lower Upper
106 100
91 231.3 109.2 327.6



#70
Styrene
Concen: 0.257 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion:104 Resp: 893
Ion Ratio Lower Upper
104 100
78 50.7 41.8 62.8
103 56.4 44.5 66.7

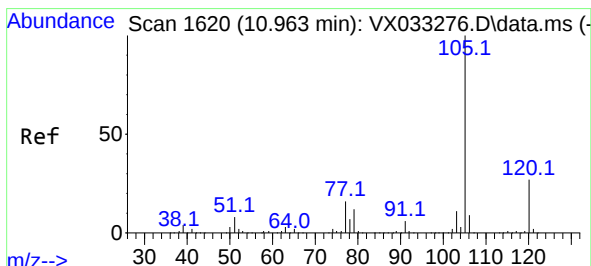
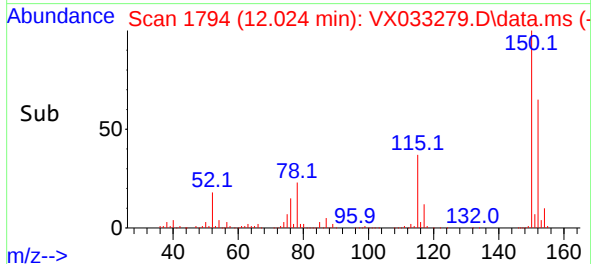
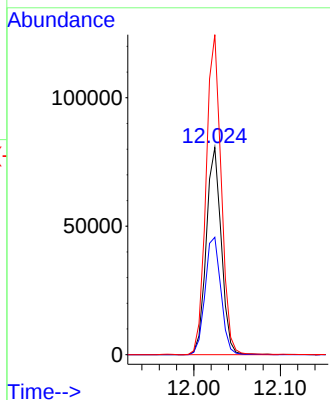
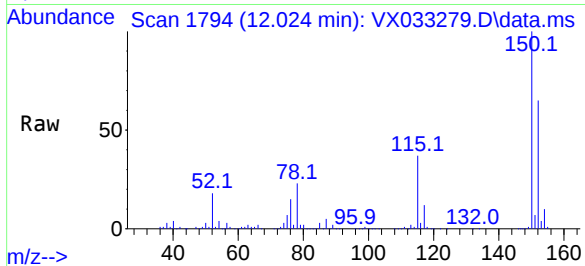




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

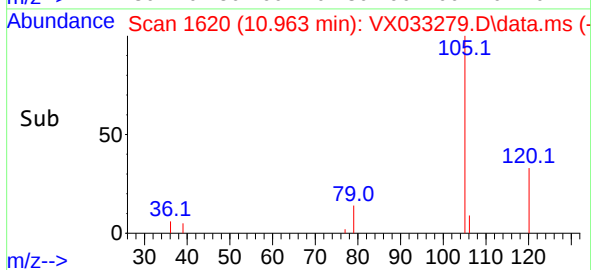
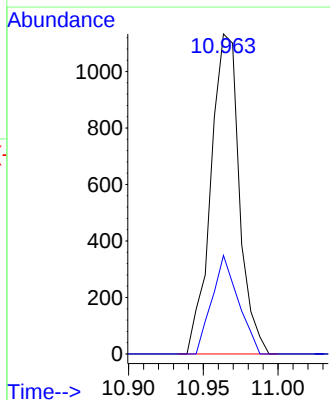
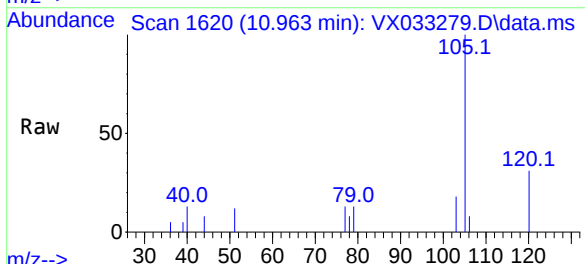
Instrument :
MSVOA_X
ClientSampleId :
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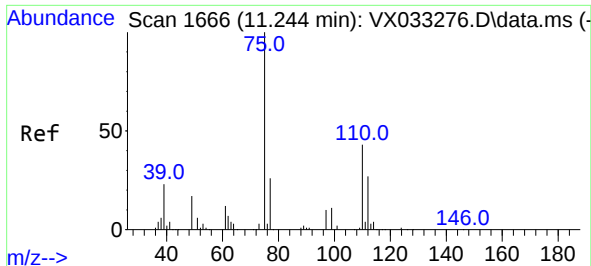
Tgt Ion:152 Resp: 97255
Ion Ratio Lower Upper
152 100
115 59.7 44.0 132.0
150 155.7 0.0 351.8



#73
Isopropylbenzene
Concen: 0.213 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion:105 Resp: 1503
Ion Ratio Lower Upper
105 100
120 28.3 13.1 39.3

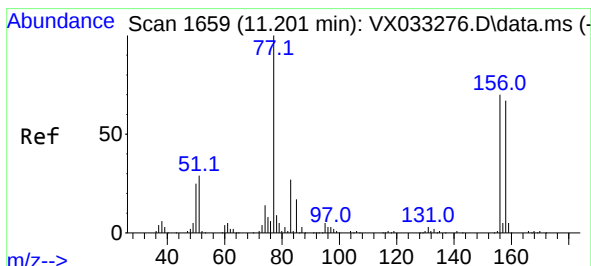
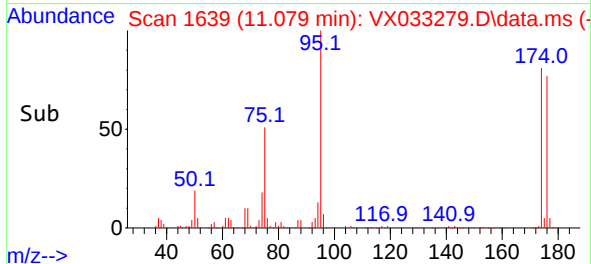
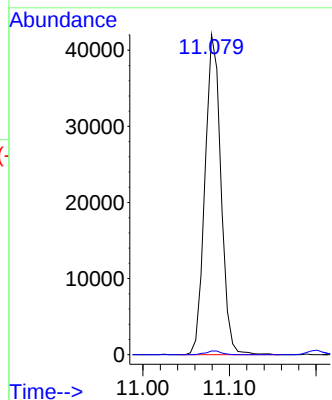
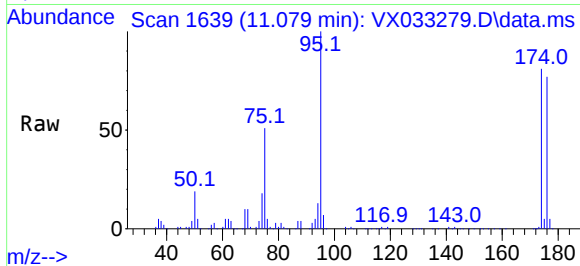




#76
1,2,3-Trichloropropane
Concen: 27.216 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

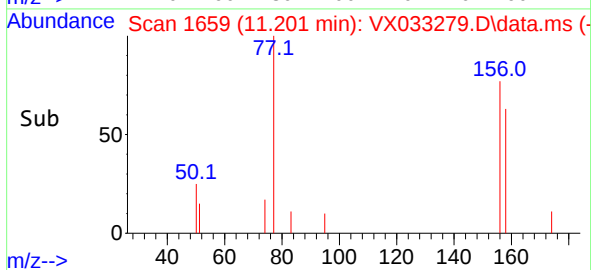
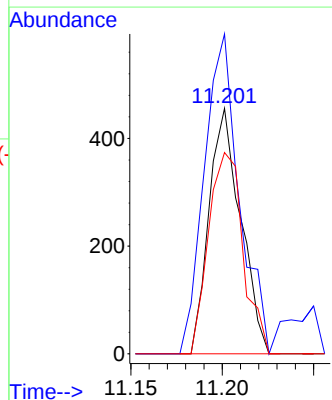
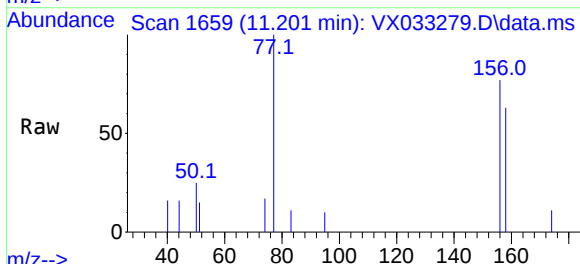
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

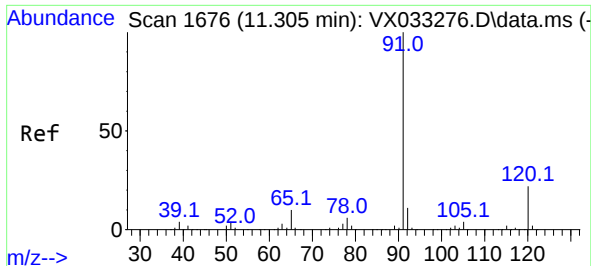
Tgt Ion: 75 Resp: 53851
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#77
Bromobenzene
Concen: 0.308 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion:156 Resp: 549
Ion Ratio Lower Upper
156 100
77 147.7 76.1 228.4
158 89.4 48.8 146.3

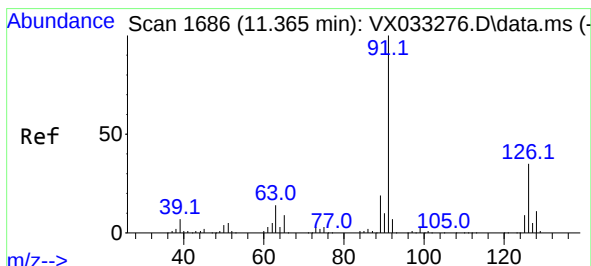
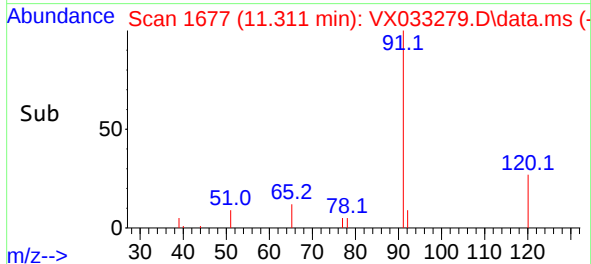
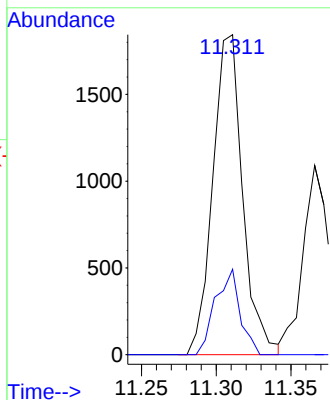
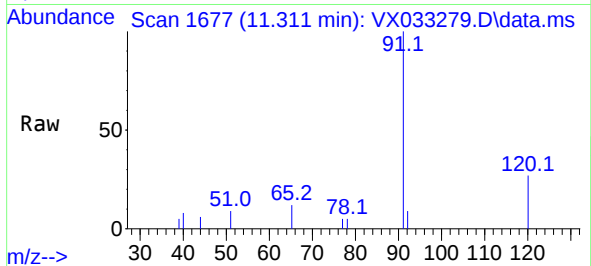




#78
n-propylbenzene
Concen: 0.325 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

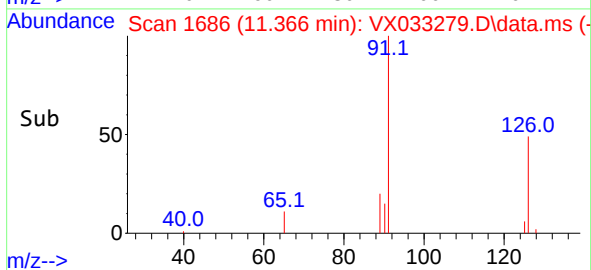
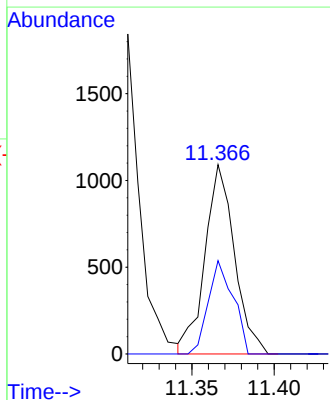
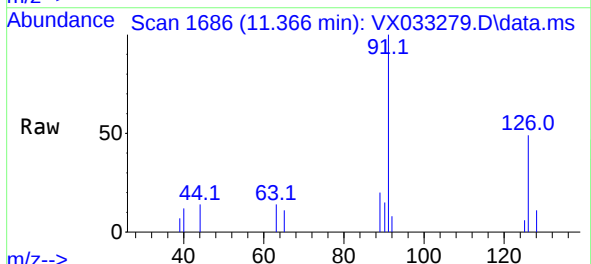
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

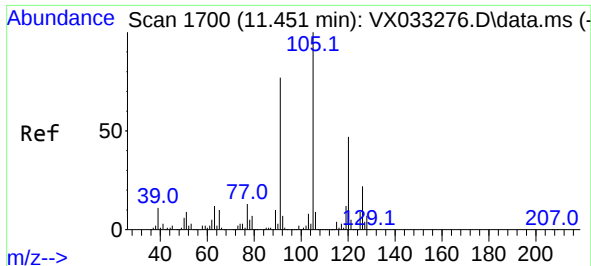
Tgt Ion: 91 Resp: 2559
Ion Ratio Lower Upper
91 100
120 22.1 11.6 34.8



#79
2-Chlorotoluene
Concen: 0.279 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 91 Resp: 1358
Ion Ratio Lower Upper
91 100
126 41.6 17.1 51.2

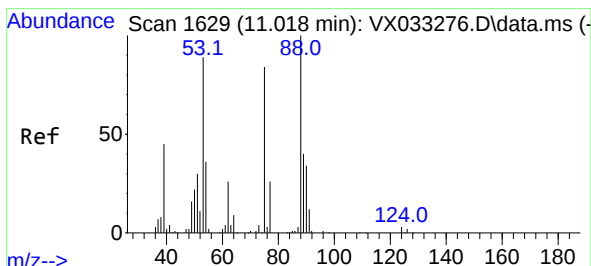
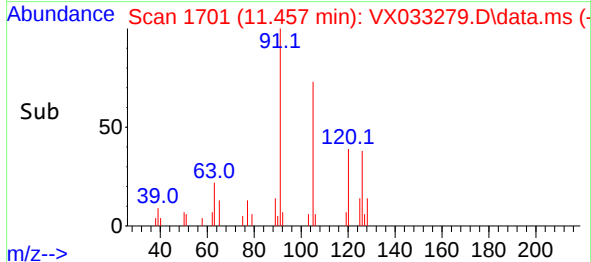
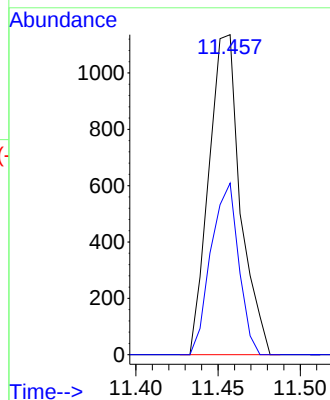
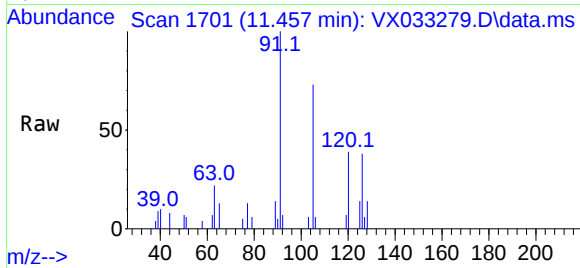




#80
1,3,5-Trimethylbenzene
Concen: 0.259 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

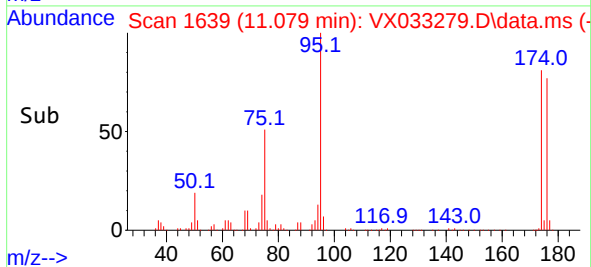
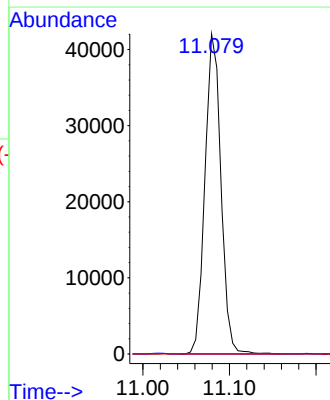
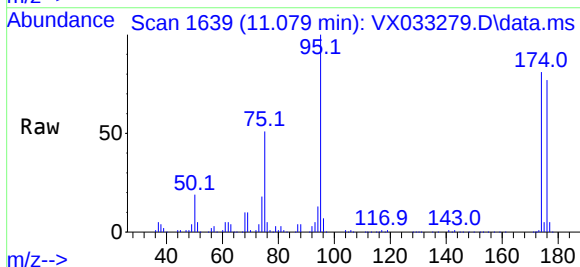
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

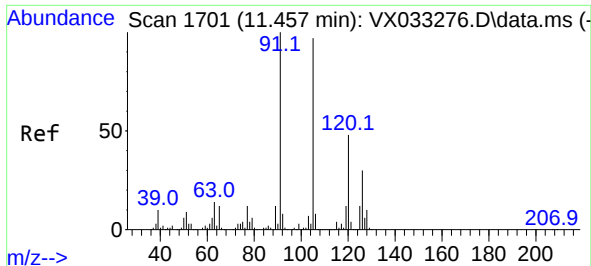
Tgt Ion:105 Resp: 1518
Ion Ratio Lower Upper
105 100
120 47.0 23.6 71.0



#81
trans-1,4-Dichloro-2-butene
Concen: 84.660 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 75 Resp: 53851
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

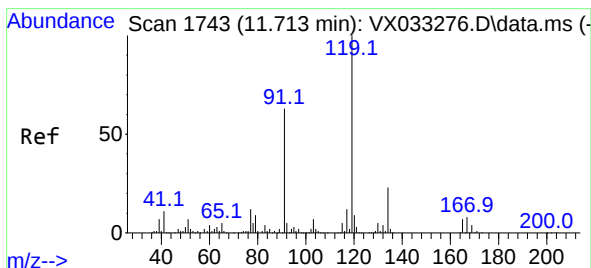
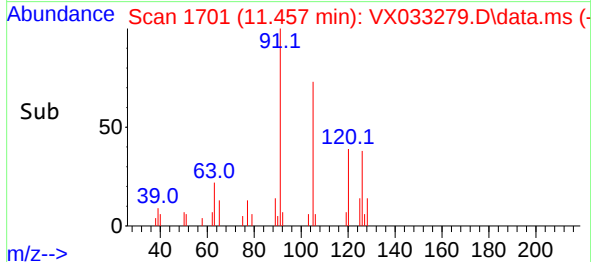
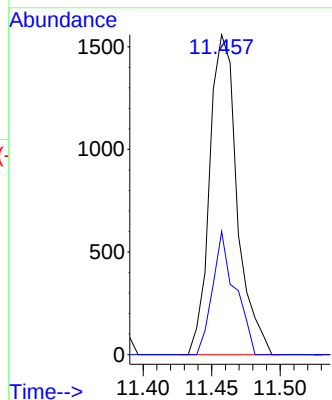
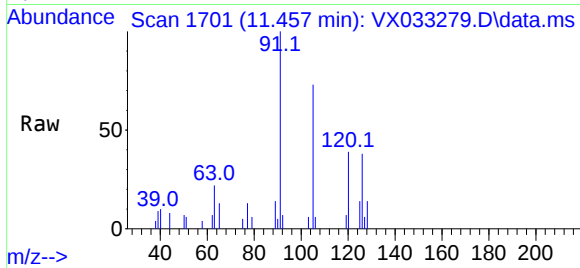




#82
4-Chlorotoluene
Concen: 0.386 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

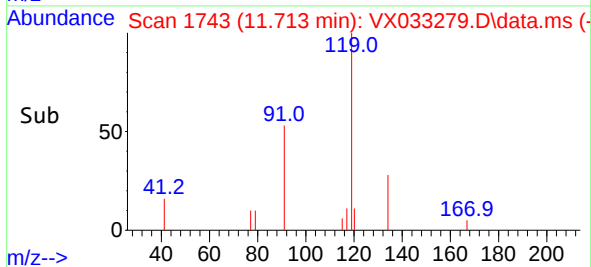
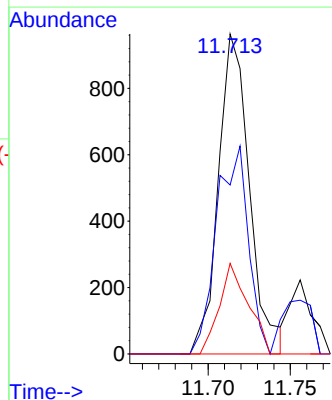
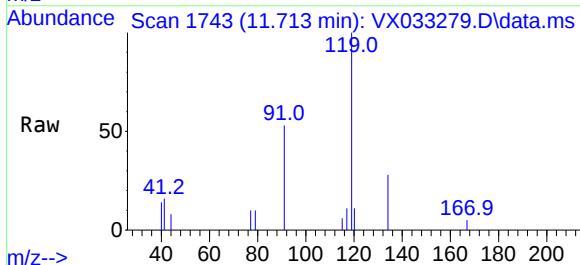
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

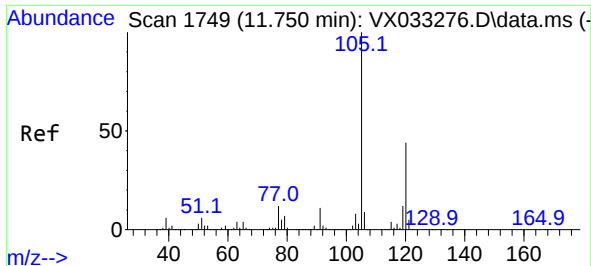
Tgt Ion: 91 Resp: 2181
Ion Ratio Lower Upper
91 100
126 31.5 14.8 44.4



#83
tert-Butylbenzene
Concen: 0.217 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion: 119 Resp: 1270
Ion Ratio Lower Upper
119 100
91 66.3 29.4 88.2
134 26.4 11.0 33.0

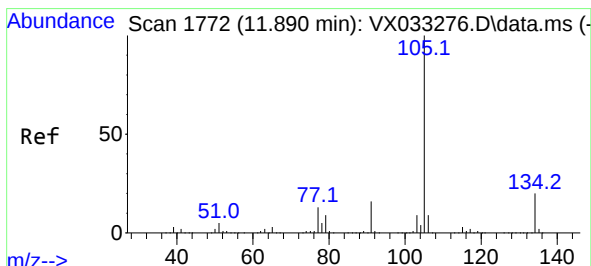
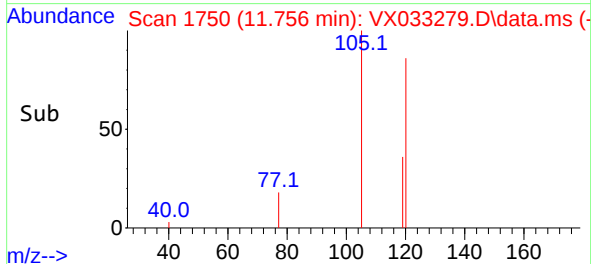
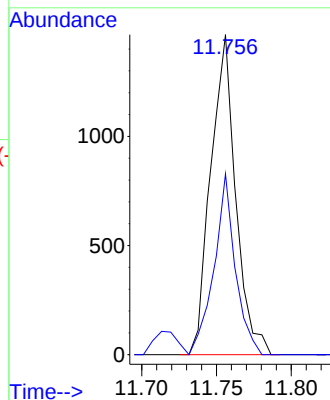
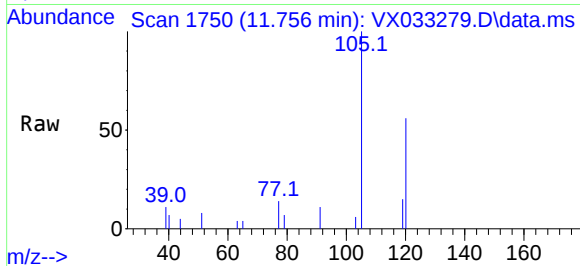




#84
1,2,4-Trimethylbenzene
Concen: 0.291 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

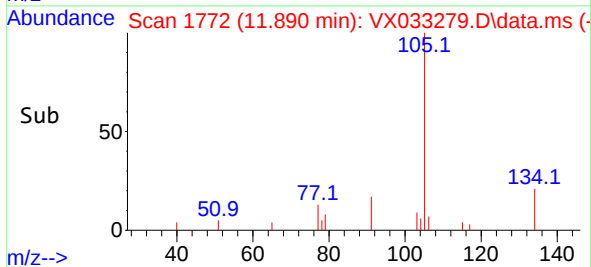
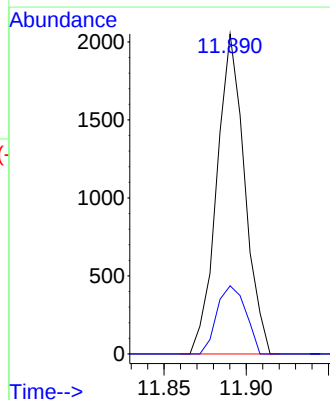
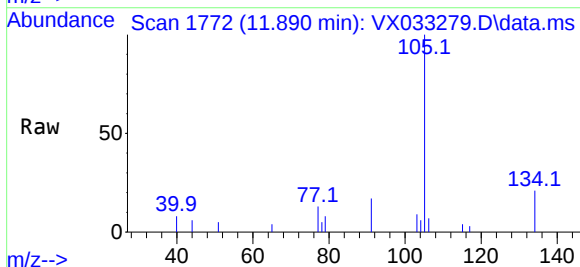
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

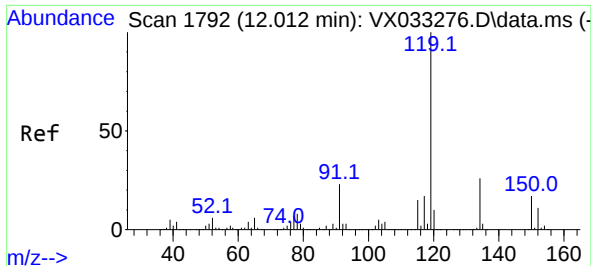
Tgt Ion:105 Resp: 1702
Ion Ratio Lower Upper
105 100
120 48.1 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.354 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion:105 Resp: 2417
Ion Ratio Lower Upper
105 100
134 21.9 9.9 29.7

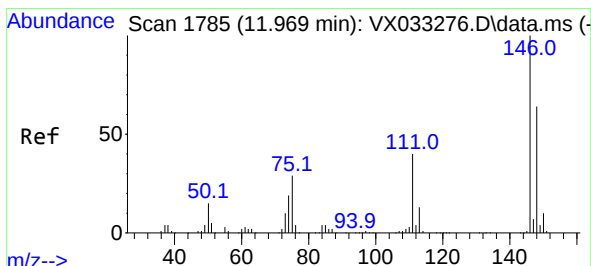
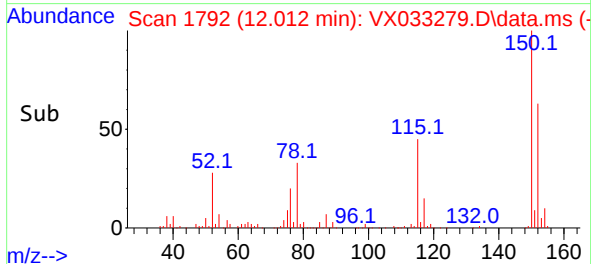
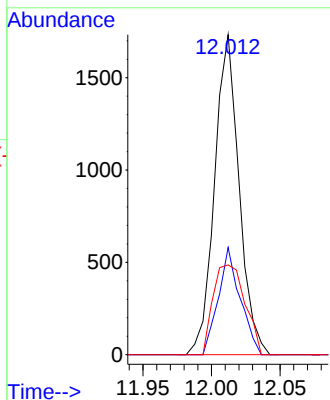
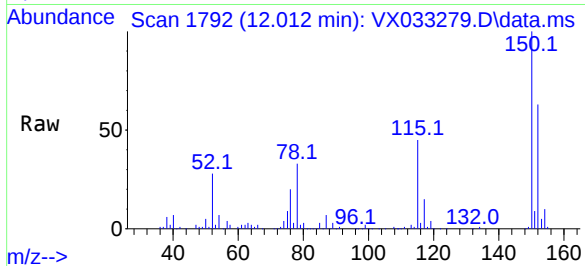




#86
p-Isopropyltoluene
Concen: 0.366 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

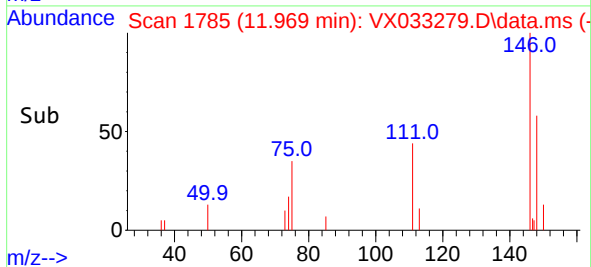
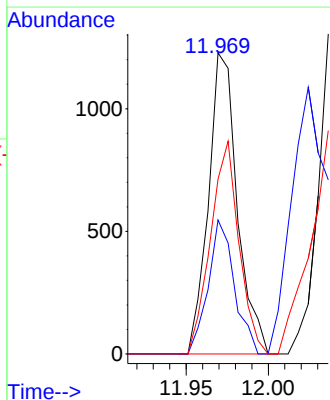
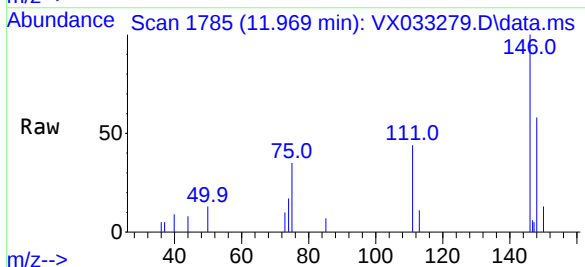
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

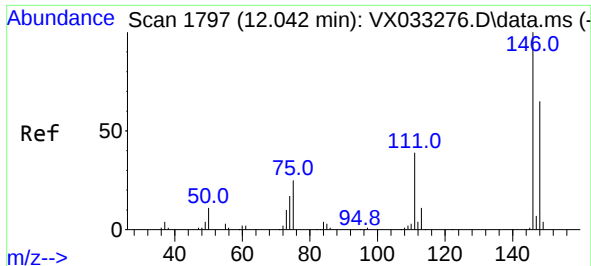
Tgt Ion:	119	Resp:	2153
Ion	Ratio	Lower	Upper
119	100		
134	29.9	12.9	38.7
91	36.4	12.5	37.5



#87
1,3-Dichlorobenzene
Concen: 0.465 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion:	146	Resp:	1499
Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.8
148	69.5	31.7	95.1

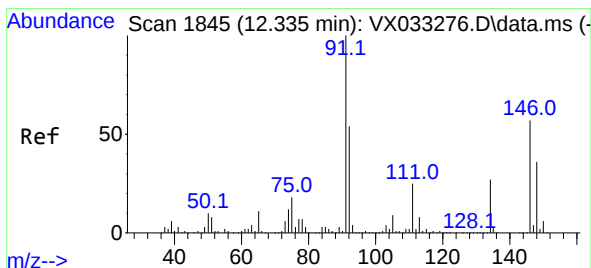
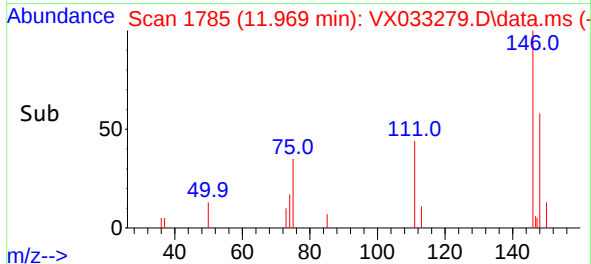
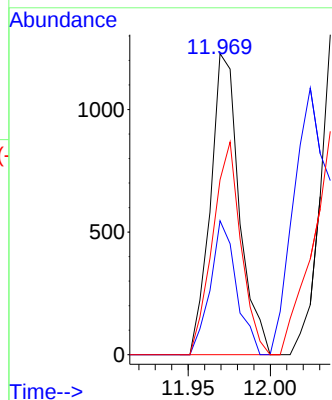
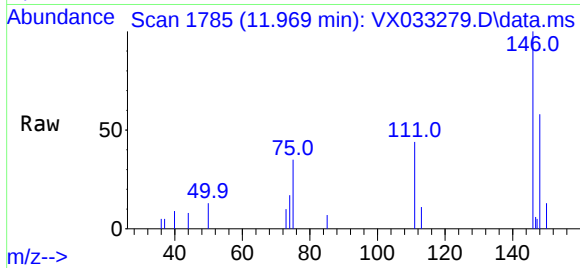




#88
1,4-Dichlorobenzene
Concen: 0.455 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

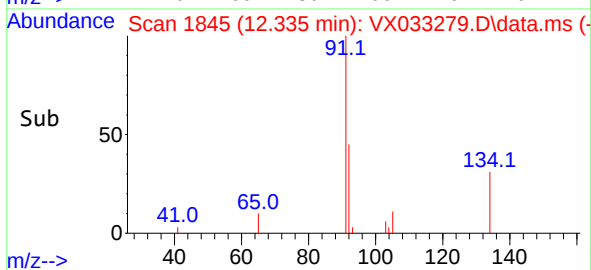
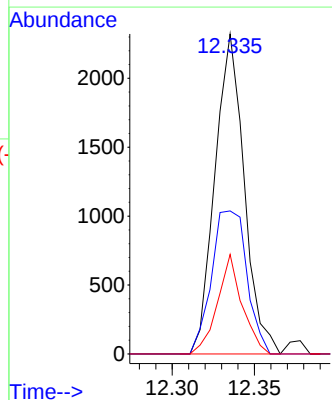
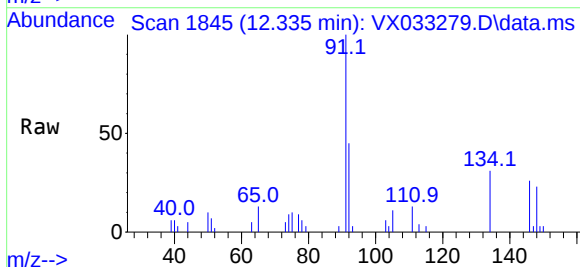
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

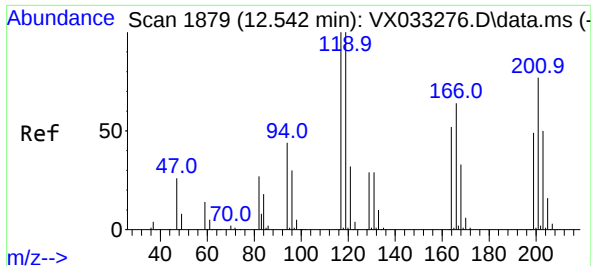
Tgt Ion:	146	Resp:	1499
Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.6
148	69.5	32.2	96.6



#89
n-Butylbenzene
Concen: 0.596 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion:	91	Resp:	2873
Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.2	78.6
134	26.2	12.9	38.6

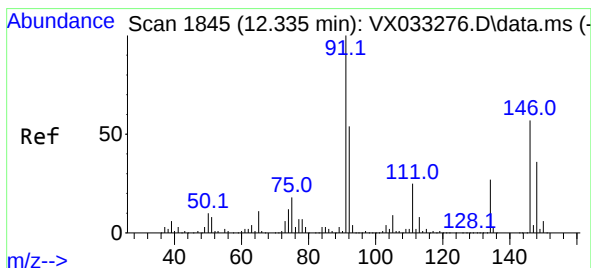
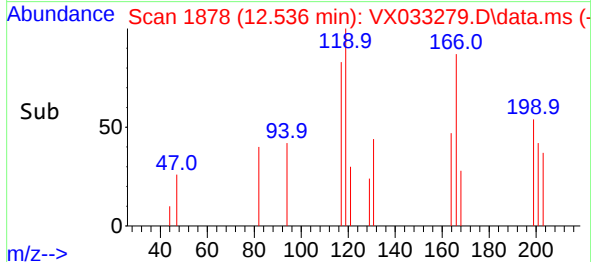
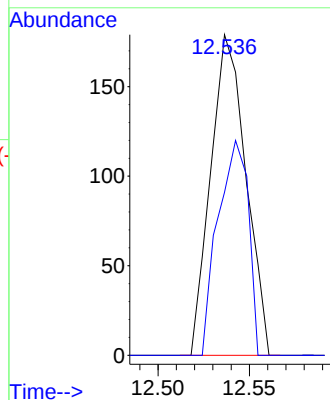
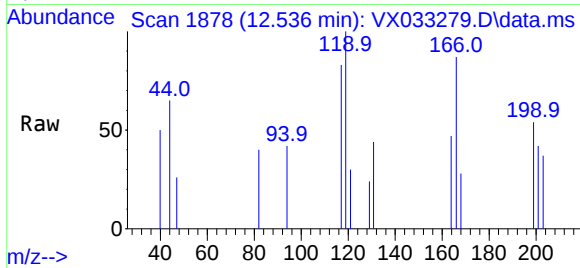




#90
Hexachloroethane
Concen: 0.240 ug/l
RT: 12.536 min Scan# 117
Delta R.T. -0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

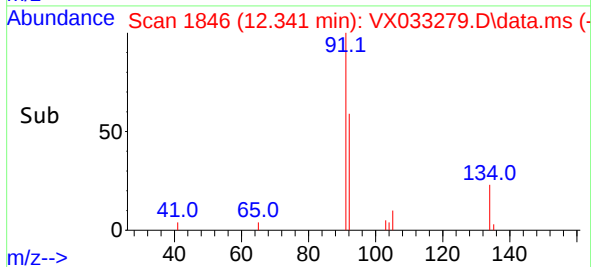
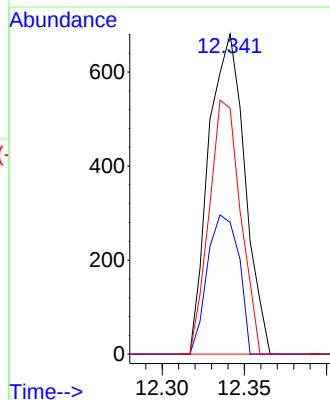
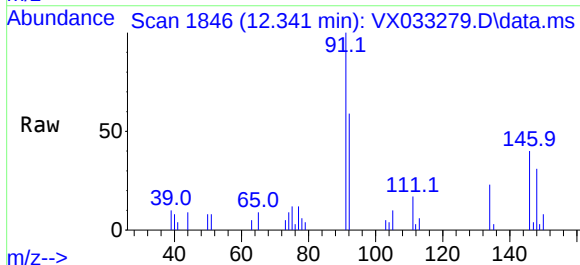
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

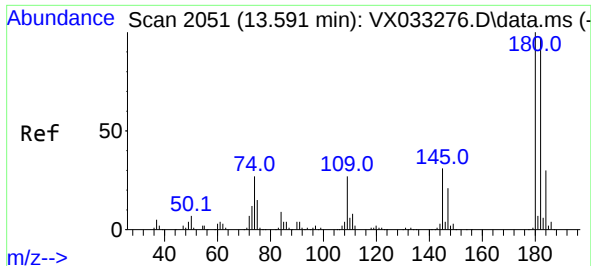
Tgt Ion:117 Resp: 240
Ion Ratio Lower Upper
117 100
201 57.5 37.6 112.9



#91
1,2-Dichlorobenzene
Concen: 0.322 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion:146 Resp: 1039
Ion Ratio Lower Upper
146 100
111 37.9 21.5 64.5
148 69.2 32.0 96.2

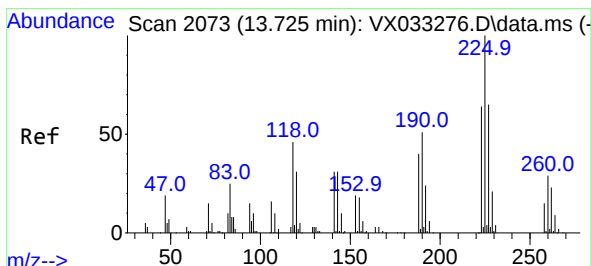
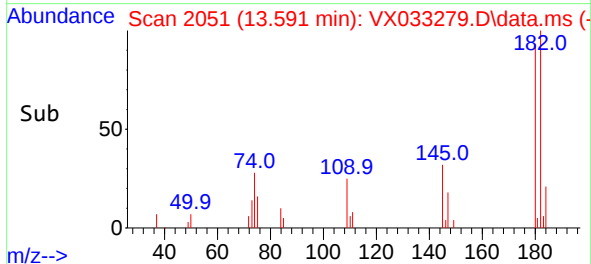
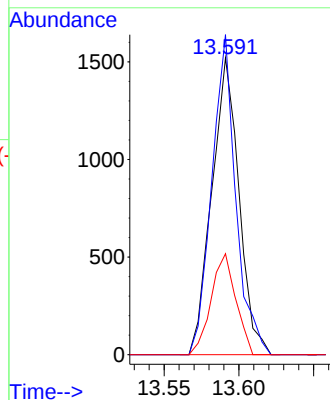
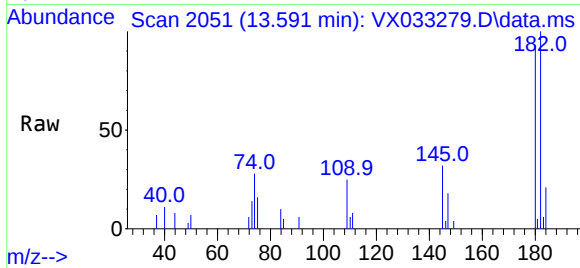




#93
1,2,4-Trichlorobenzene
Concen: 0.985 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

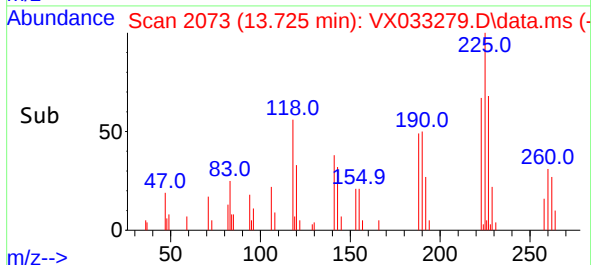
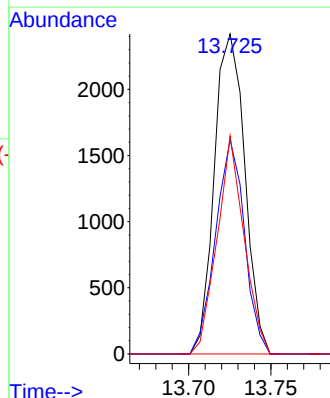
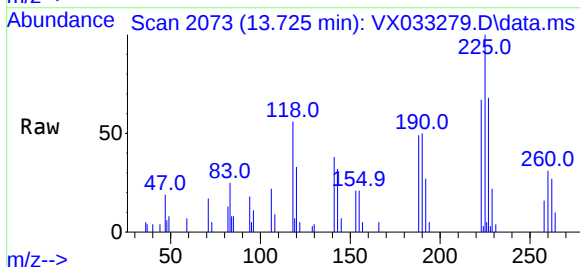
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

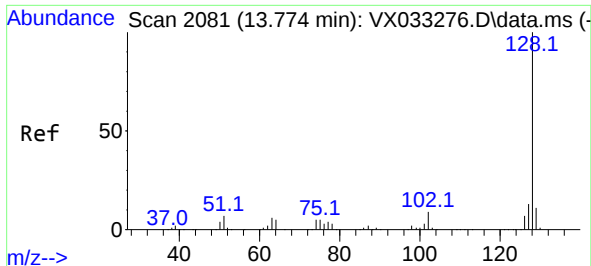
Tgt Ion:180 Resp: 1918
Ion Ratio Lower Upper
180 100
182 95.5 48.4 145.0
145 31.0 16.2 48.5



#94
Hexachlorobutadiene
Concen: 4.002 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion:225 Resp: 3120
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.9
227 60.2 31.9 95.5

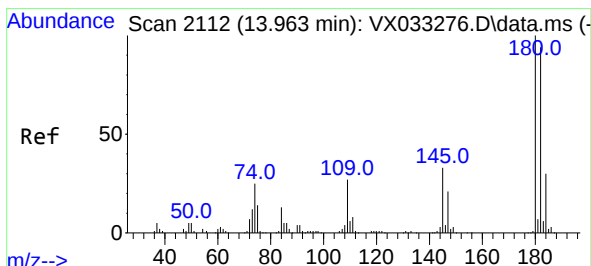
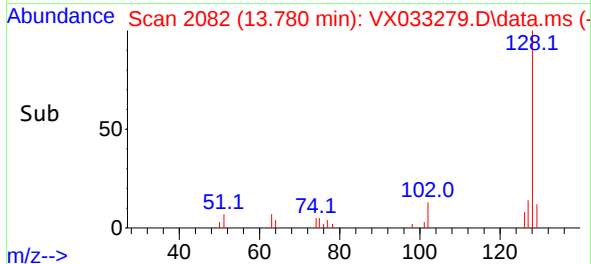
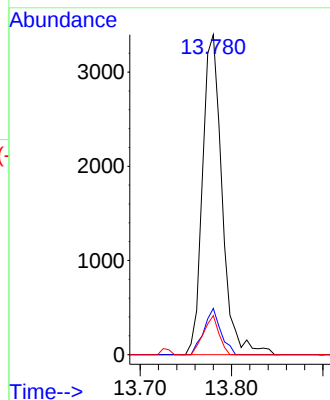
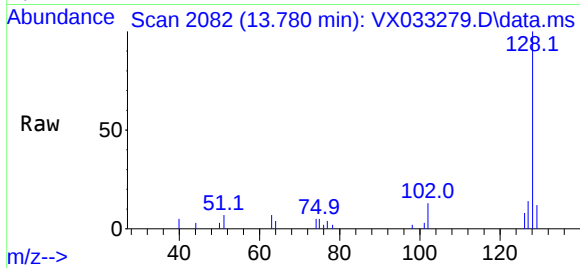




#95
Naphthalene
Concen: 0.779 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Instrument :
MSVOA_X
ClientSampleId :
VIBLK

Tgt Ion:	128	Resp:	5057
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4
129	9.6	8.9	13.3



#96
1,2,3-Trichlorobenzene
Concen: 0.888 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033279.D
Acq: 07 Dec 2022 12:05

Tgt Ion:	180	Resp:	1751
Ion	Ratio	Lower	Upper
180	100		
182	111.0	47.5	142.6
145	32.8	16.9	50.6

