

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102722\
 Data File : VD074660.D
 Acq On : 27 Oct 2022 19:14
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Oct 28 00:22:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	42329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	148776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	168741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	85464	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	37071	103.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 207.520%#	
35) Dibromofluoromethane	7.805	113	58374	64.256	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 128.520%	
50) Toluene-d8	10.269	98	182503	52.238	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.480%	
62) 4-Bromofluorobenzene	12.569	95	68635	71.533	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 143.060%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	2383	6.528	ug/l	86
3) Chloromethane	2.146	50	2700	1.278	ug/l	89
4) Vinyl Chloride	2.275	62	2898	4.792	ug/l	95
5) Bromomethane	2.699	94	2428	4.751	ug/l	83
6) Chloroethane	2.840	64	1378	3.347	ug/l #	75
7) Trichlorofluoromethane	3.170	101	4226	6.017	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.964	101	2509	5.765	ug/l #	69
10) Methyl Iodide	4.158	142	688	6.505	ug/l #	81
11) Tert butyl alcohol	5.005	59	1118	Below Cal	#	84
12) 1,1-Dichloroethene	3.952	96	945	2.050	ug/l #	56
13) Acrolein	3.805	56	60	Below Cal	#	16
14) Allyl chloride	4.558	41	1019	2.128	ug/l #	74
16) Acetone	4.040	43	955	3.121	ug/l #	37
17) Carbon Disulfide	4.264	76	6604	4.719	ug/l	96
18) Methyl Acetate	4.793	43	54	Below Cal	#	44
20) Methylene Chloride	4.799	84	18066	25.418	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	1510	2.948	ug/l	90
23) Vinyl Acetate	6.158	43	835	2.131	ug/l #	66
24) 1,1-Dichloroethane	6.111	63	1693	2.231	ug/l #	78
25) 2-Butanone	7.087	43	1101	4.840	ug/l #	42
26) 2,2-Dichloropropane	7.075	77	2943	4.437	ug/l #	71
27) cis-1,2-Dichloroethene	7.087	96	814	1.461	ug/l #	18
29) Tetrahydrofuran	7.440	42	135	Below Cal	#	23
30) Chloroform	7.599	83	1396	1.710	ug/l	92
31) Cyclohexane	7.881	56	3658	5.586	ug/l #	94
32) 1,1,1-Trichloroethane	7.799	97	2605	3.634	ug/l #	74
36) 1,1-Dichloropropene	8.010	75	2341	1.809	ug/l	97
38) Carbon Tetrachloride	7.987	117	2230	1.854	ug/l #	82
39) Methylcyclohexane	9.269	83	4274	2.700	ug/l #	85
40) Benzene	8.252	78	4451	1.127	ug/l #	85
44) Trichloroethene	9.028	130	1699	1.467	ug/l	95
48) Methyl methacrylate	9.269	41	1297	3.673	ug/l #	50
49) 1,4-Dioxane	9.381	88	63	11.501	ug/l #	32
51) 4-Methyl-2-Pentanone	10.163	43	818	2.126	ug/l	93
52) Toluene	10.328	92	2783	1.126	ug/l	94
59) 2-Hexanone	10.916	43	826	3.170	ug/l	78

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102722\
 Data File : VD074660.D
 Acq On : 27 Oct 2022 19:14
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Oct 28 00:22:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

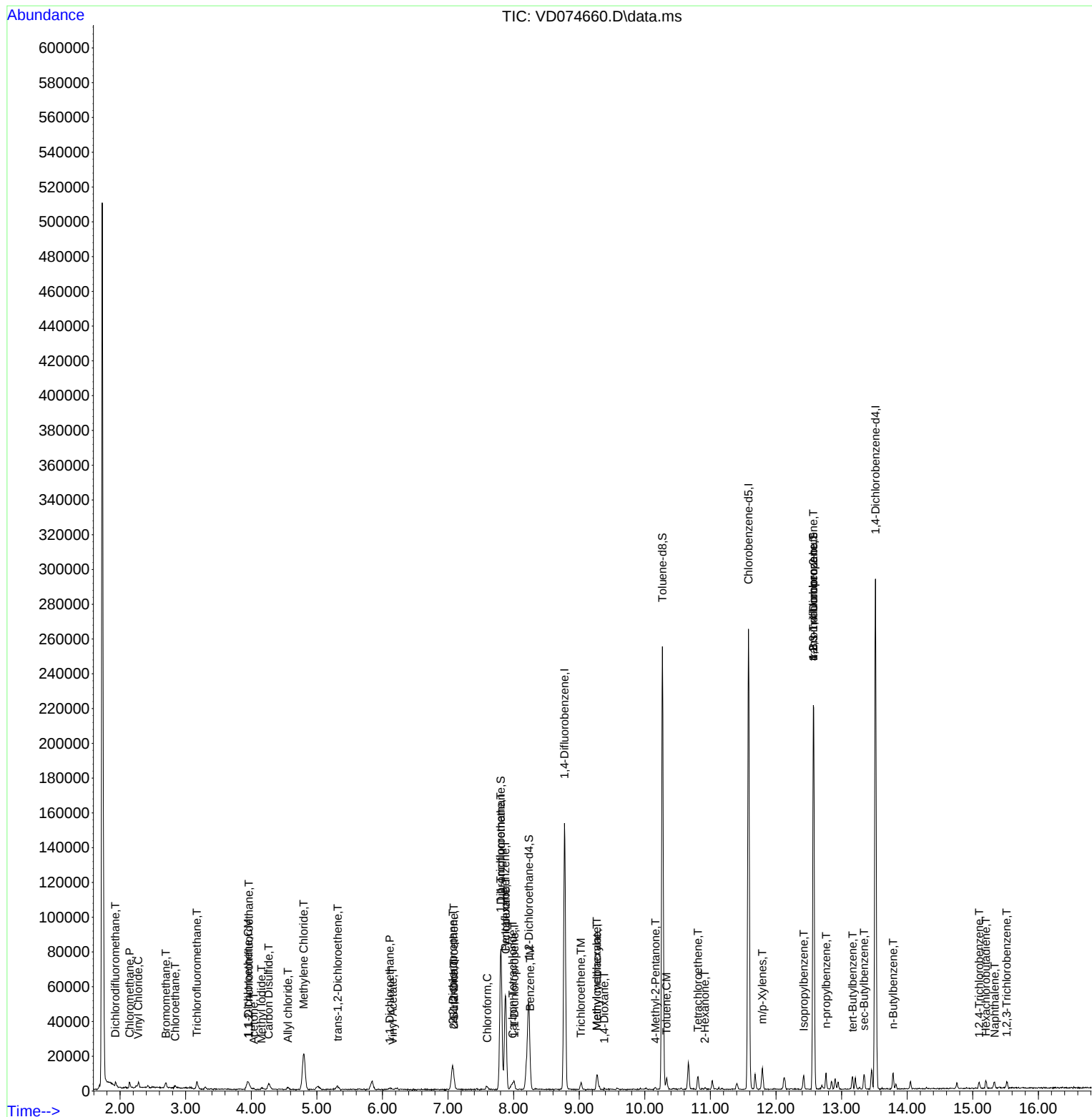
64) Tetrachloroethene	10.810	164	1790	1.499	ug/l #	82
68) m/p-Xylenes	11.793	106	4338	1.860	ug/l	92
73) Isopropylbenzene	12.422	105	6143	1.008	ug/l	100
76) 1,2,3-Trichloropropane	12.569	75	34185	51.143	ug/l #	1
78) n-propylbenzene	12.763	91	7682	1.050	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	34185	135.354	ug/l #	17
83) tert-Butylbenzene	13.169	119	4532	1.009	ug/l	95
85) sec-Butylbenzene	13.345	105	7314	1.109	ug/l	93
89) n-Butylbenzene	13.787	91	5454	1.068	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	1652	1.007	ug/l	94
94) Hexachlorobutadiene	15.198	225	1132	1.353	ug/l	97
95) Naphthalene	15.334	128	4924	1.635	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.516	180	1852	1.312	ug/l	98

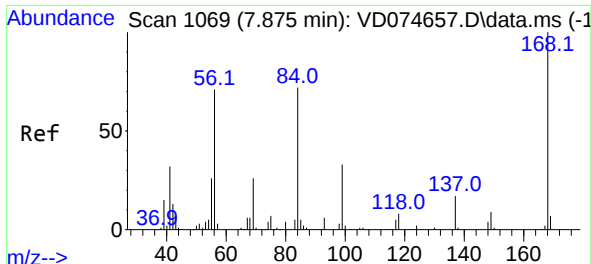
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102722\
Data File : VD074660.D
Acq On : 27 Oct 2022 19:14
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Time: Oct 28 00:22:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 00:18:17 2022
Response via : Initial Calibration

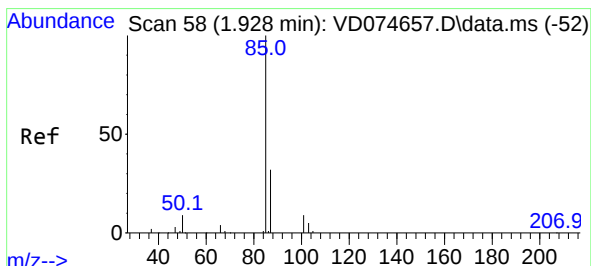
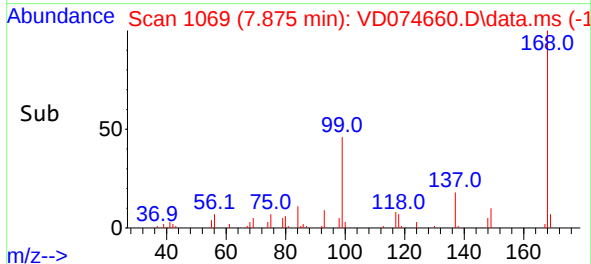
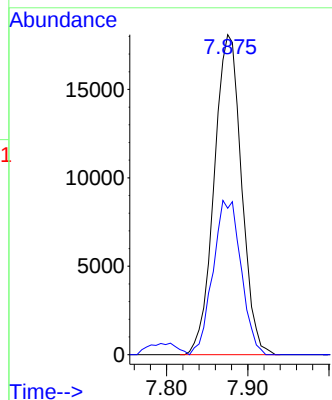
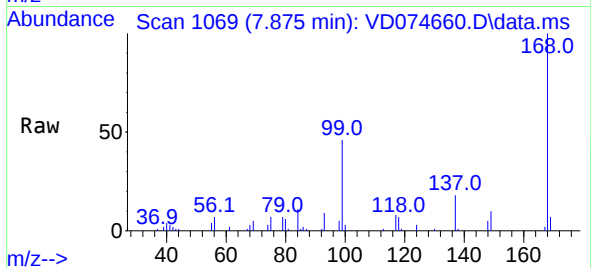




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

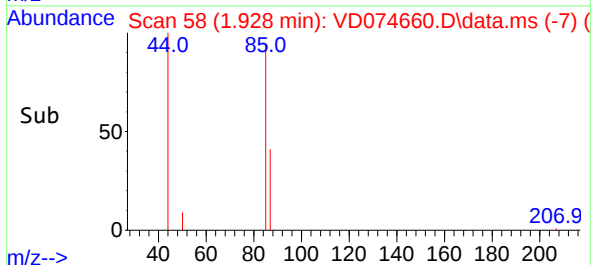
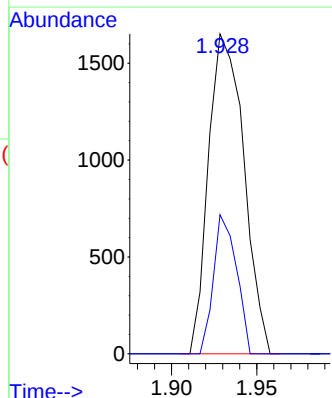
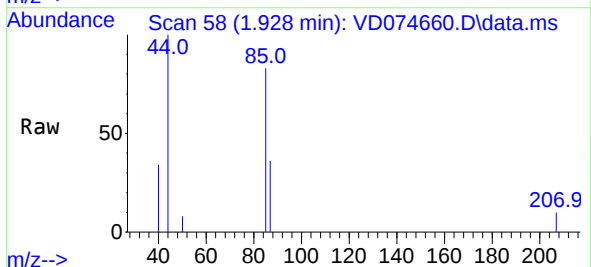
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 42329
Ion Ratio Lower Upper
168 100
99 45.8 40.9 61.3

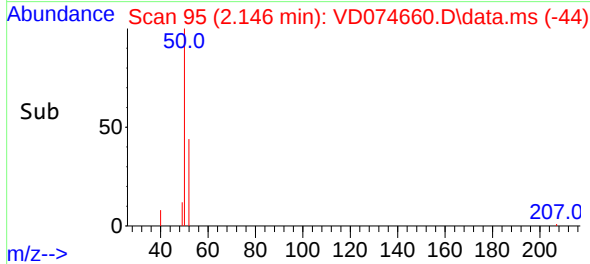
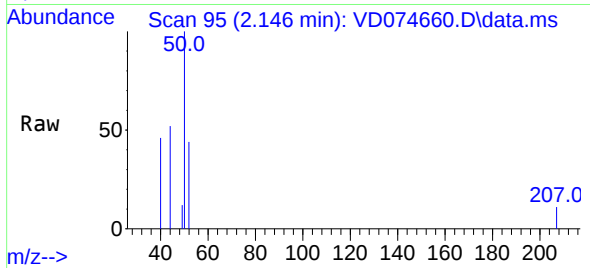
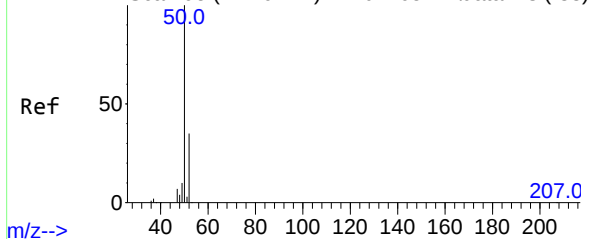


#2
Dichlorodifluoromethane
Concen: 6.528 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 85 Resp: 2383
Ion Ratio Lower Upper
85 100
87 43.5 17.5 52.6



Abundance Scan 95 (2.146 min): VD074657.D\data.ms (-88)



#3

Chloromethane

Concen: 1.278 ug/l

RT: 2.146 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD074660.D

Acq: 27 Oct 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

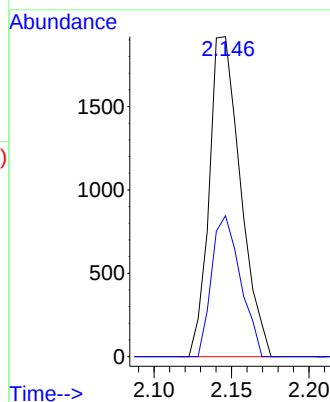
VIBLK

Tgt Ion: 50 Resp: 2700

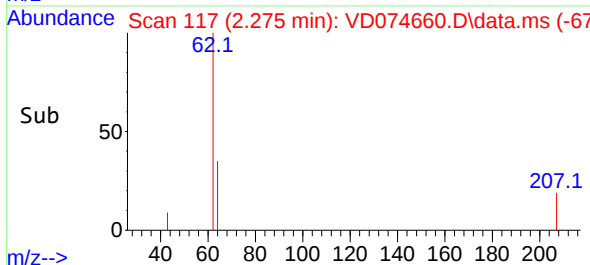
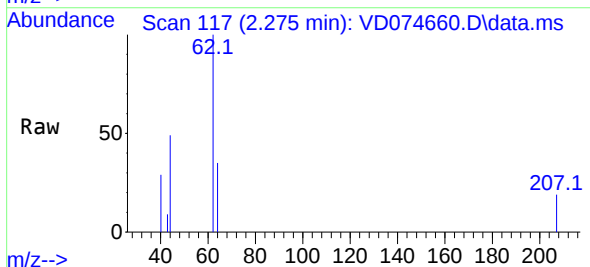
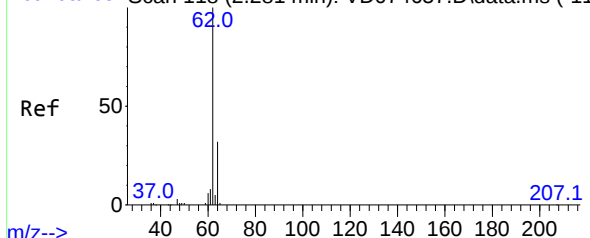
Ion Ratio Lower Upper

50 100

52 44.0 30.0 45.0



Abundance Scan 118 (2.281 min): VD074657.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 4.792 ug/l

RT: 2.275 min Scan# 117

Delta R.T. -0.006 min

Lab File: VD074660.D

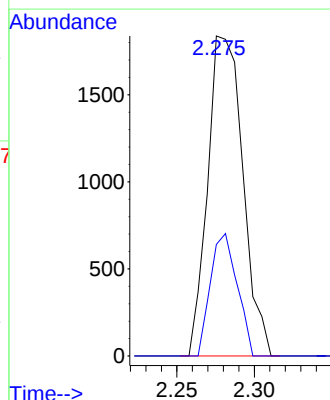
Acq: 27 Oct 2022 19:14

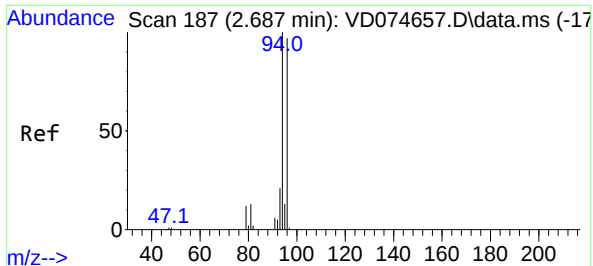
Tgt Ion: 62 Resp: 2898

Ion Ratio Lower Upper

62 100

64 34.9 25.5 38.3

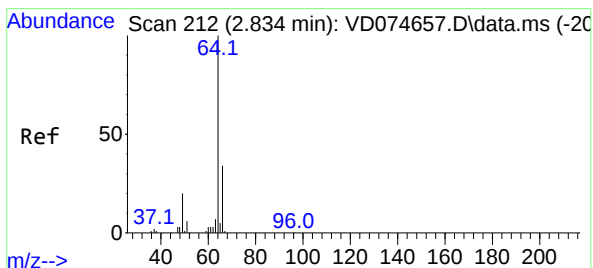
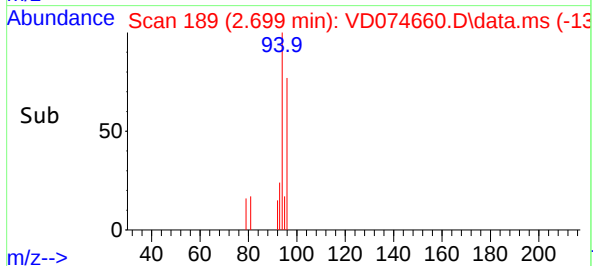
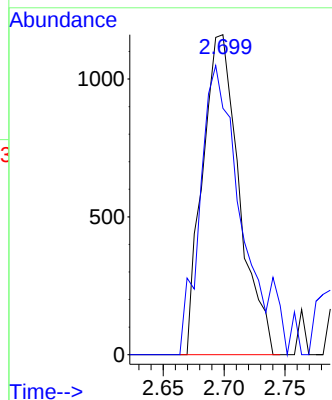
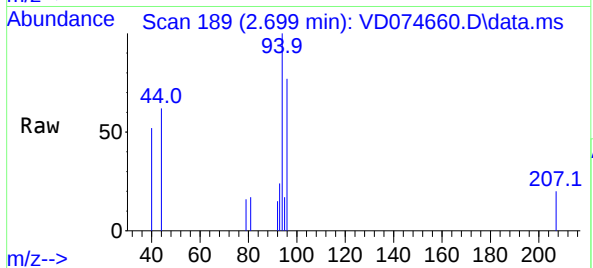




#5
Bromomethane
Concen: 4.751 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

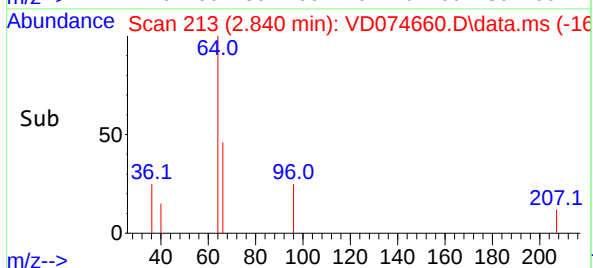
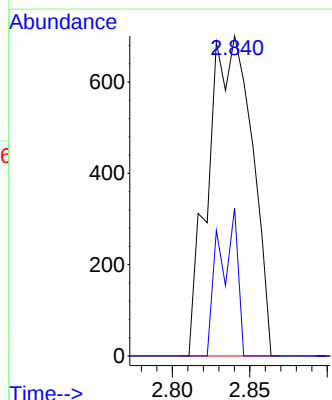
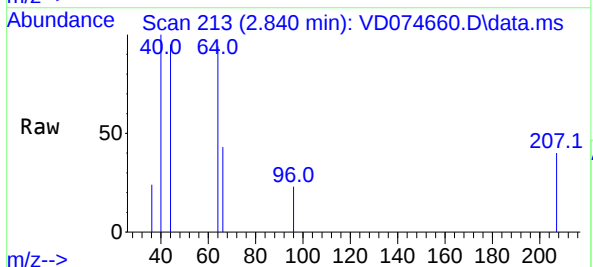
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

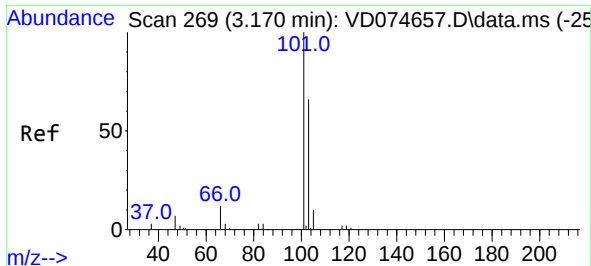
Tgt Ion: 94 Resp: 2428
Ion Ratio Lower Upper
94 100
96 77.0 74.6 112.0



#6
Chloroethane
Concen: 3.347 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 64 Resp: 1378
Ion Ratio Lower Upper
64 100
66 46.2 25.8 38.8#

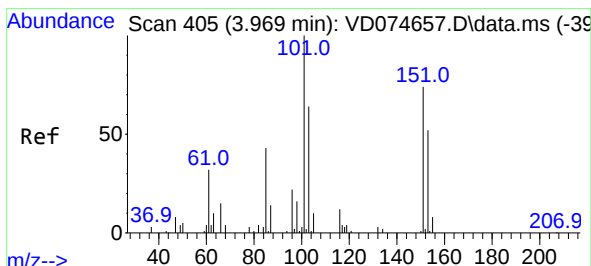
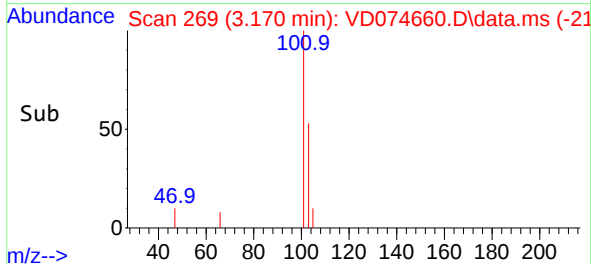
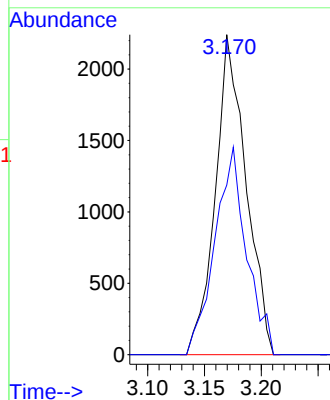
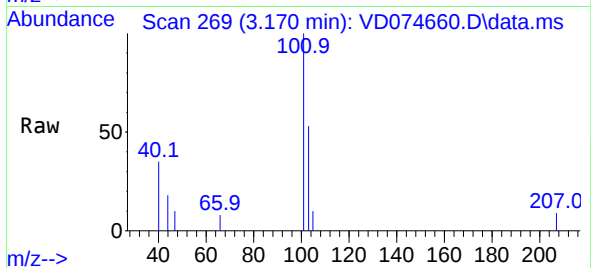




#7
Trichlorofluoromethane
Concen: 6.017 ug/l
RT: 3.170 min Scan# 207
Delta R.T. -0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

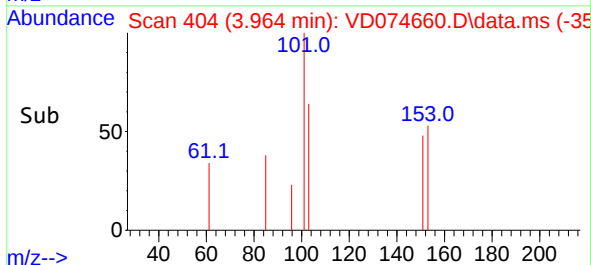
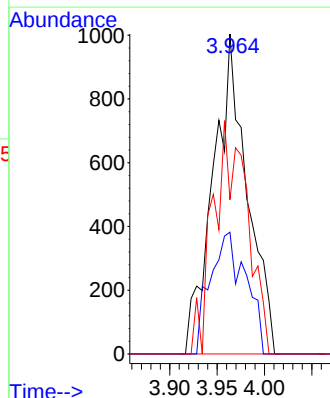
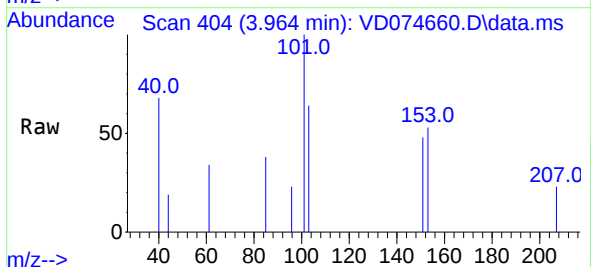
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

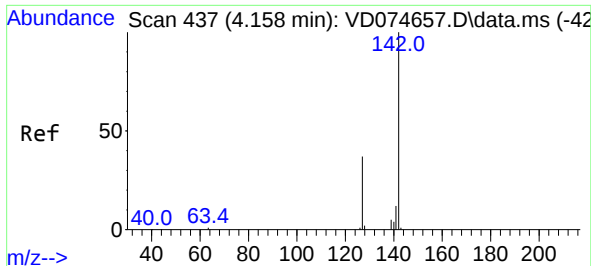
Tgt Ion:101 Resp: 4226
Ion Ratio Lower Upper
101 100
103 53.0 49.8 74.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.765 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.005 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion:101 Resp: 2509
Ion Ratio Lower Upper
101 100
85 39.8 34.1 51.1
151 38.2 61.7 92.5#

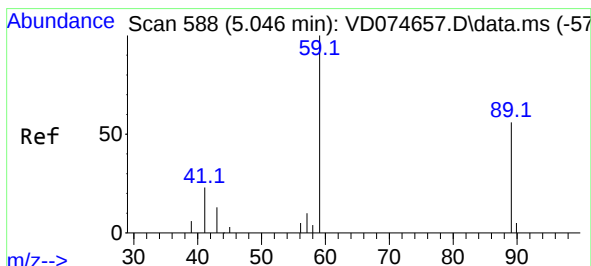
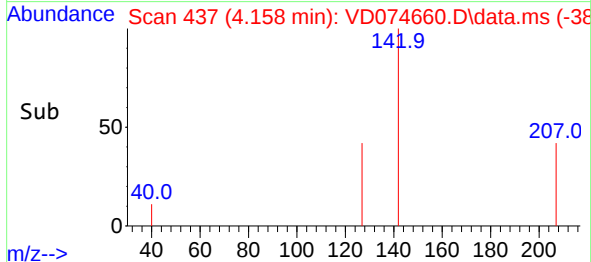
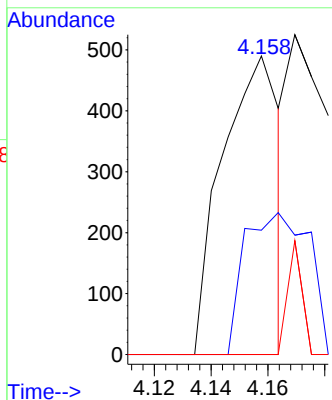
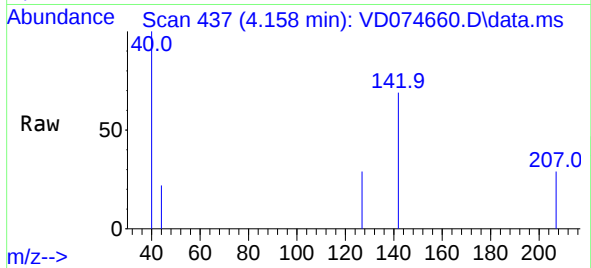




#10
Methyl Iodide
Concen: 6.505 ug/l
RT: 4.158 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

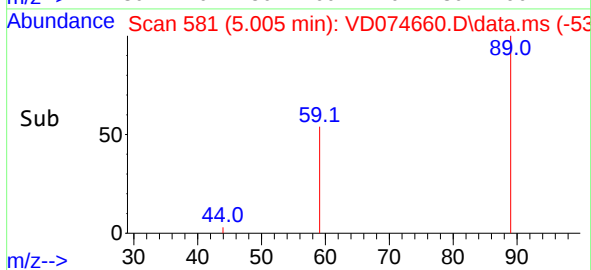
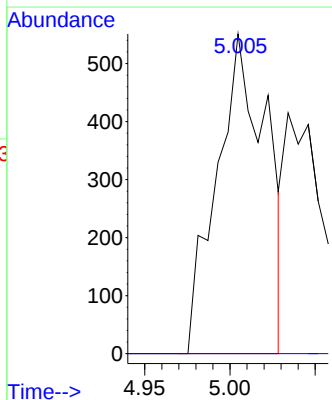
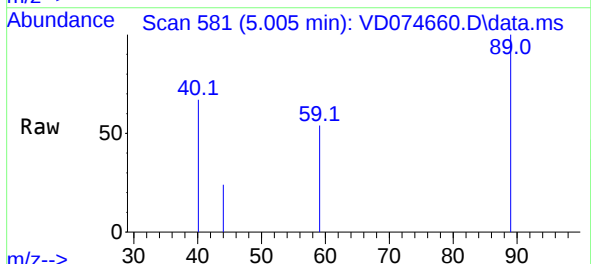
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

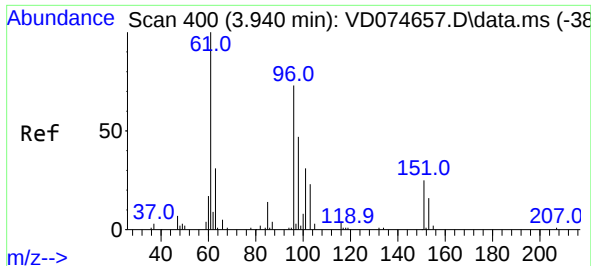
Tgt Ion:142 Resp: 688
Ion Ratio Lower Upper
142 100
127 53.3 31.9 47.9#
141 9.6 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.005 min Scan# 581
Delta R.T. -0.041 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 59 Resp: 1118
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#

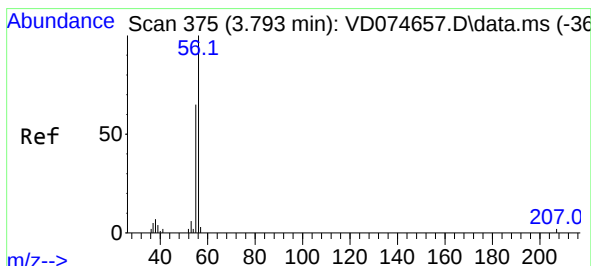
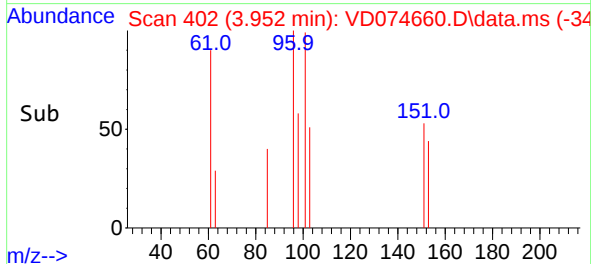
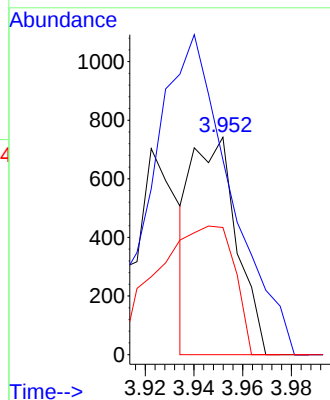
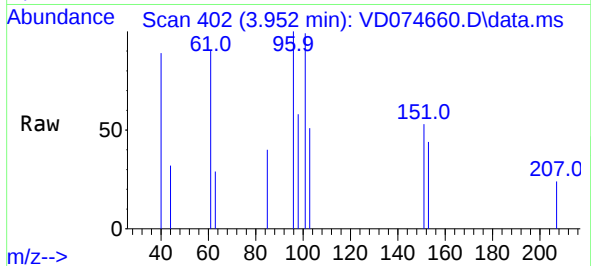




#12
1,1-Dichloroethene
Concen: 2.050 ug/l
RT: 3.952 min Scan# 400
Delta R.T. 0.012 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

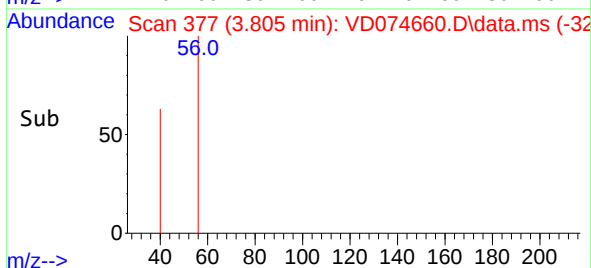
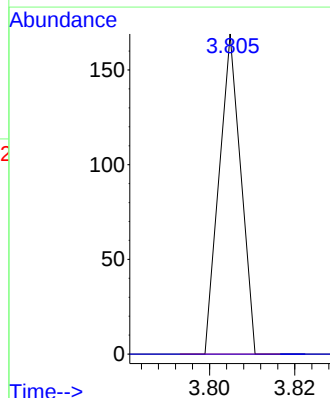
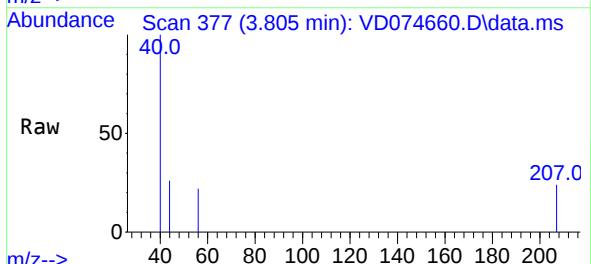
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

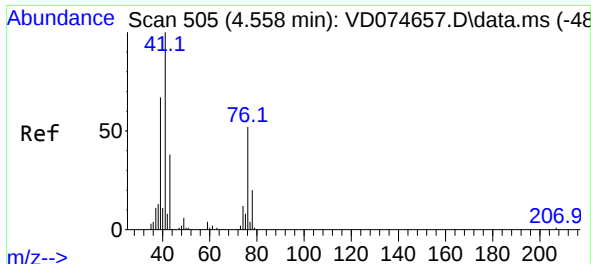
Tgt Ion: 96 Resp: 945
Ion Ratio Lower Upper
96 100
61 67.4 113.9 170.9#
98 58.5 51.8 77.8



#13
Acrolein
Concen: Below Cal
RT: 3.805 min Scan# 377
Delta R.T. 0.012 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

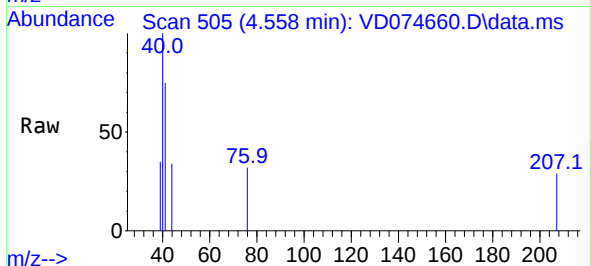
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 0.0 54.0 81.0#



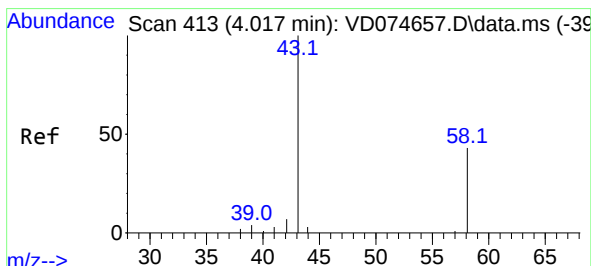
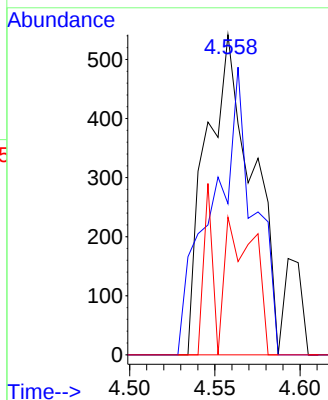
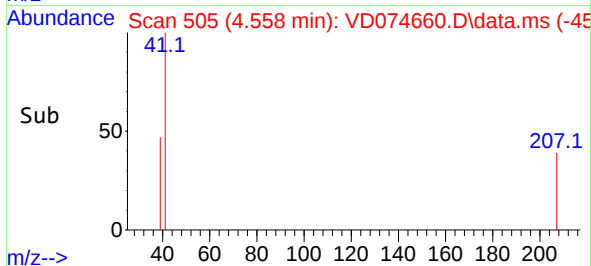


#14
Allyl chloride
Concen: 2.128 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

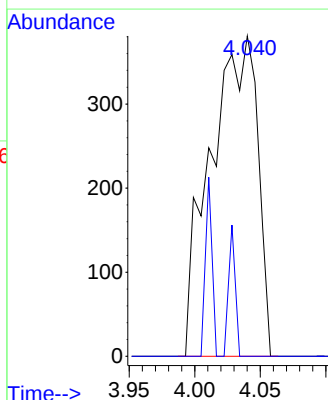
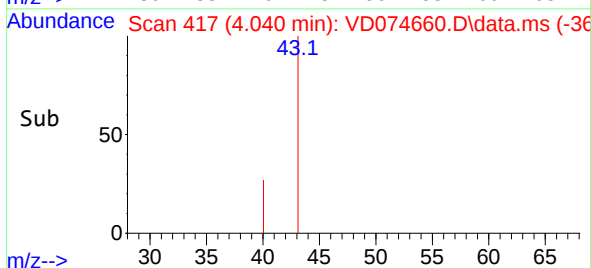
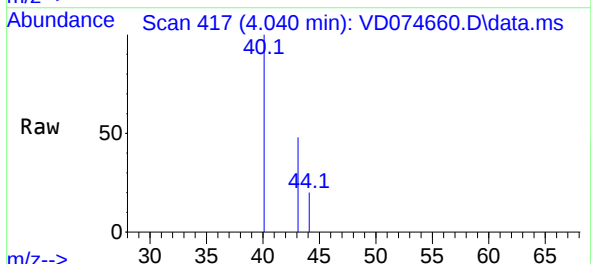


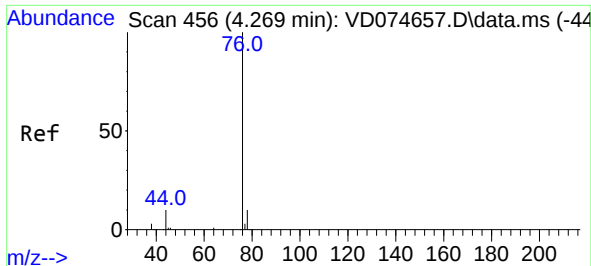
Tgt Ion: 41 Resp: 1019
Ion Ratio Lower Upper
41 100
39 80.8 53.4 80.2#
76 27.1 42.4 63.6#



#16
Acetone
Concen: 3.121 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.023 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

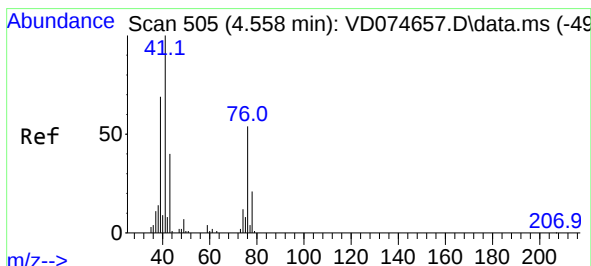
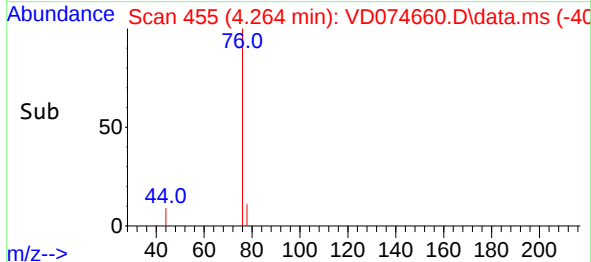
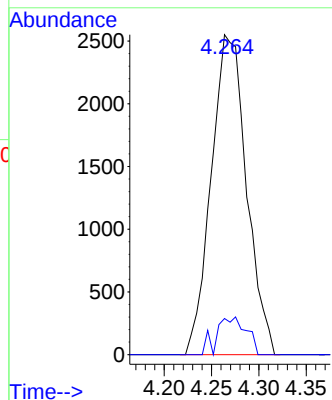
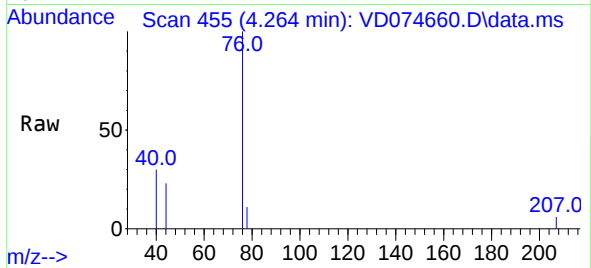




#17
Carbon Disulfide
Concen: 4.719 ug/l
RT: 4.264 min Scan# 417
Delta R.T. -0.005 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

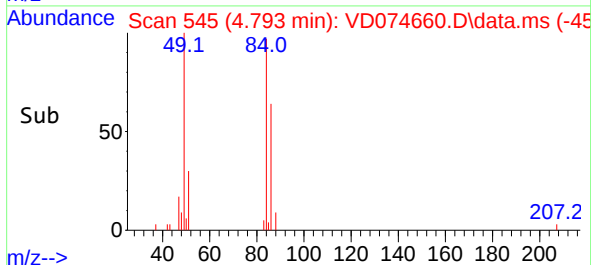
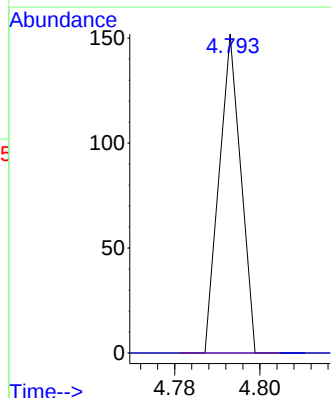
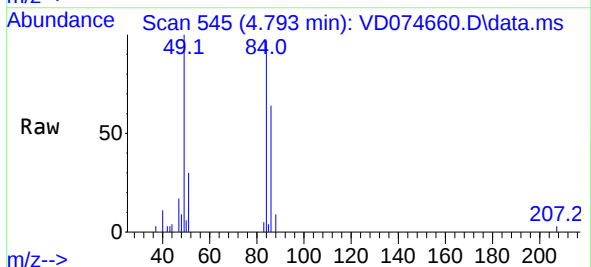
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

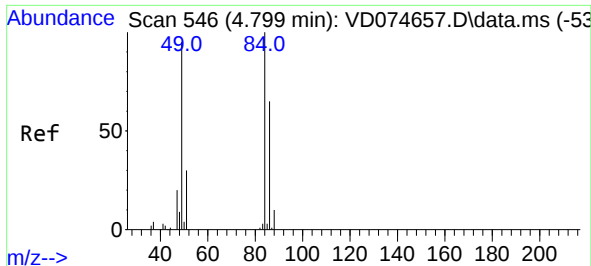
Tgt Ion: 76 Resp: 6604
Ion Ratio Lower Upper
76 100
78 11.3 7.8 11.8



#18
Methyl Acetate
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. 0.235 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 24.7 37.1#



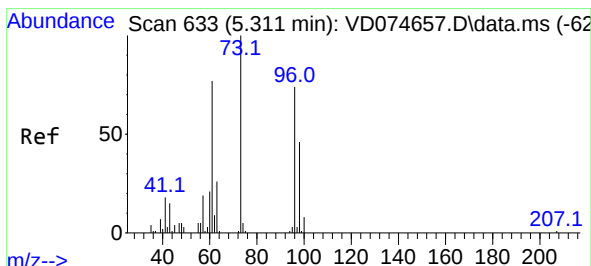
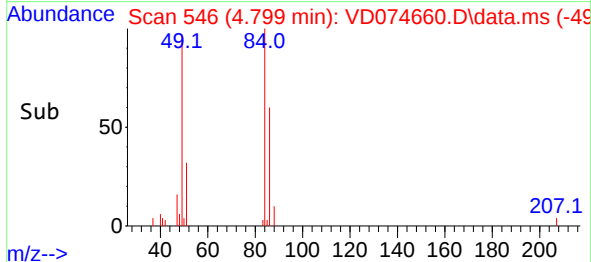
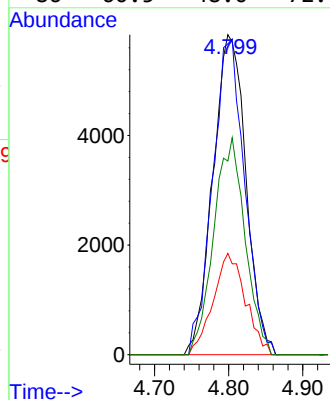
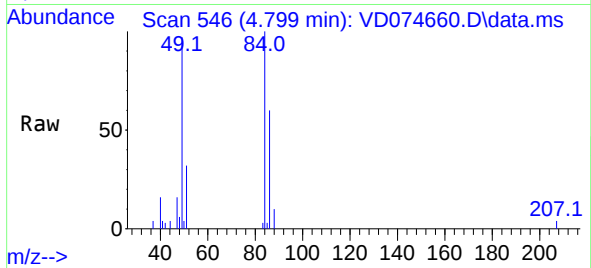


#20
Methylene Chloride
Concen: 25.418 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 84 Resp: 18066

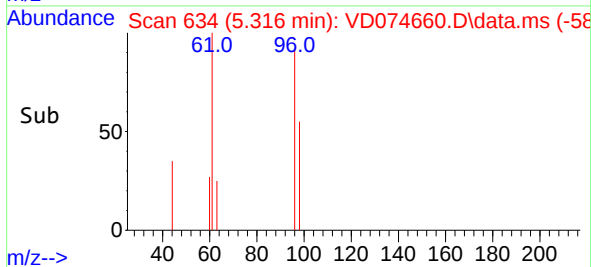
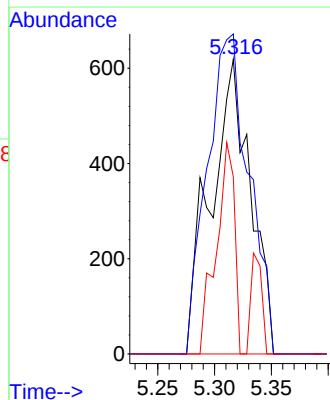
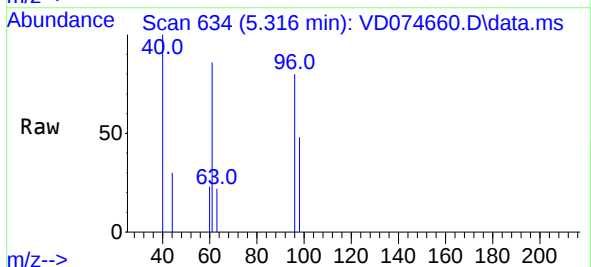
Ion	Ratio	Lower	Upper
84	100		
49	97.2	68.0	102.0
51	31.6	23.2	34.8
86	60.5	48.0	72.0

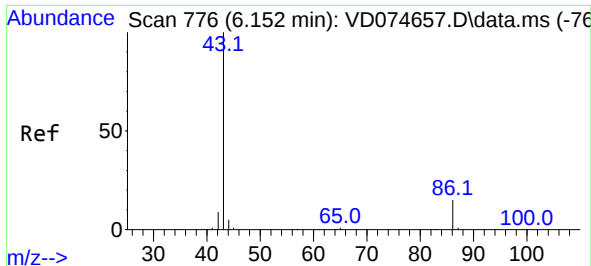


#21
trans-1,2-Dichloroethene
Concen: 2.948 ug/l
RT: 5.316 min Scan# 634
Delta R.T. 0.005 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 96 Resp: 1510

Ion	Ratio	Lower	Upper
96	100		
61	108.6	95.7	143.5
98	60.1	54.8	82.2

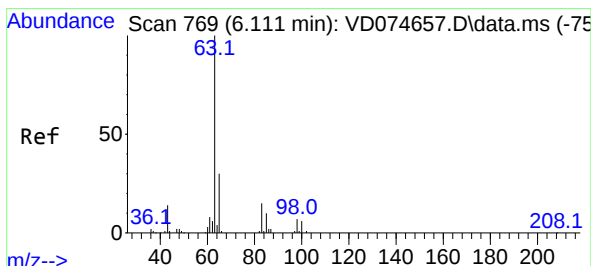
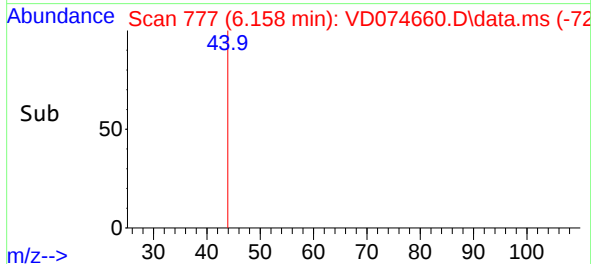
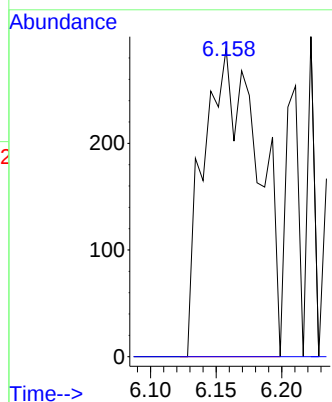
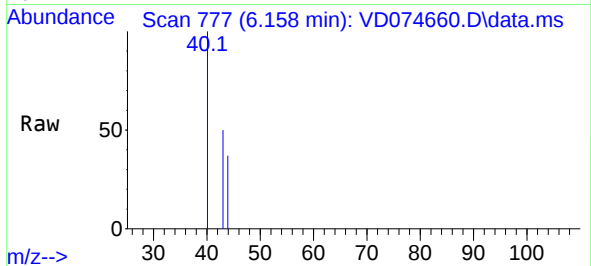




#23
Vinyl Acetate
Concen: 2.131 ug/l
RT: 6.158 min Scan# 776
Delta R.T. 0.006 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

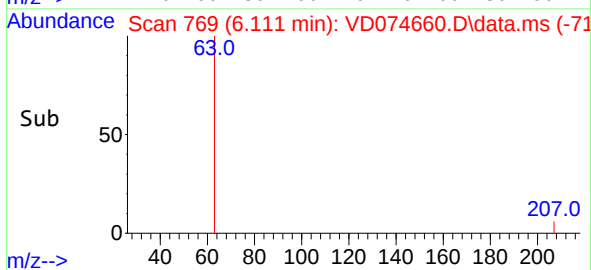
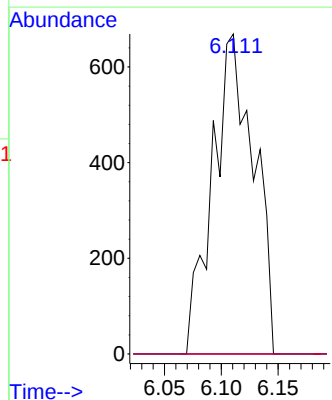
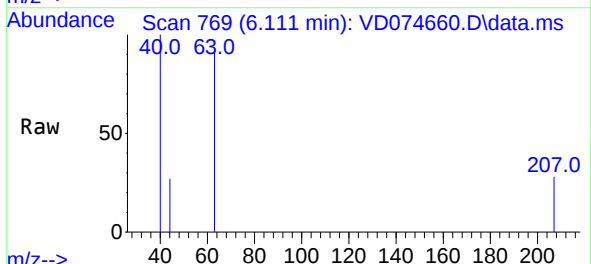
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

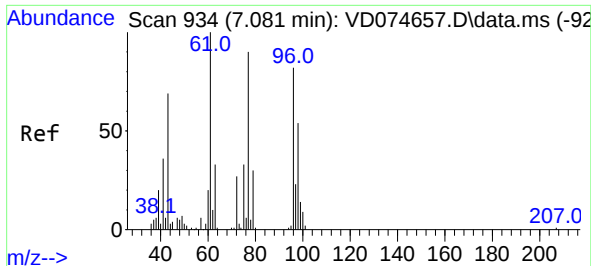
Tgt Ion: 43 Resp: 835
Ion Ratio Lower Upper
43 100
86 0.0 11.2 16.8#



#24
1,1-Dichloroethane
Concen: 2.231 ug/l
RT: 6.111 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 63 Resp: 1693
Ion Ratio Lower Upper
63 100
98 0.0 4.6 13.8#
100 0.0 2.9 8.6#

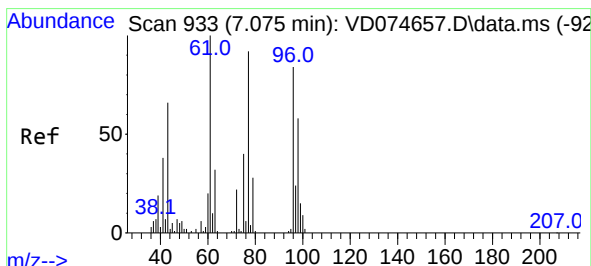
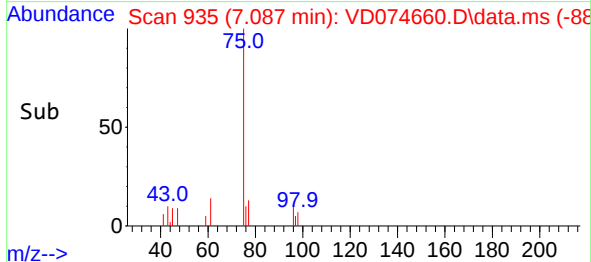
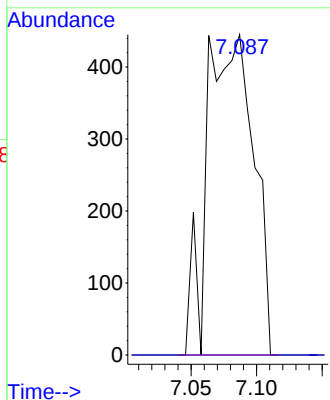
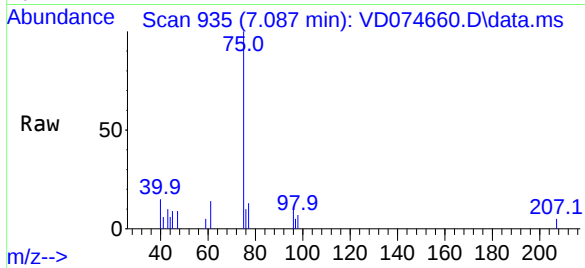




#25
2-Butanone
Concen: 4.840 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

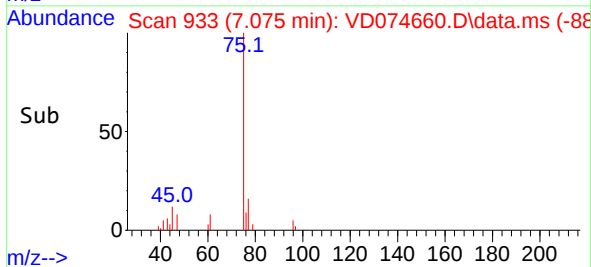
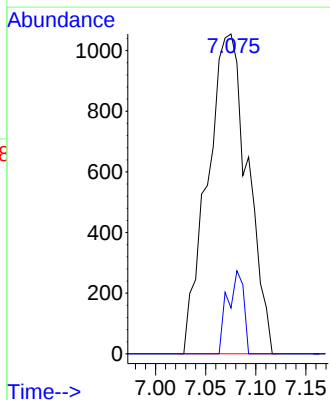
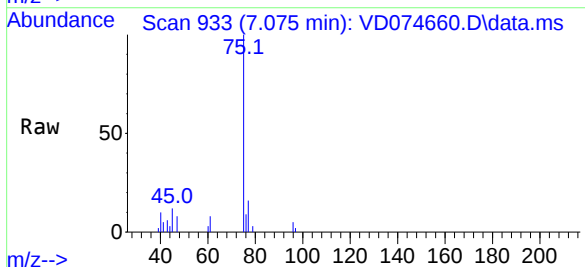
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

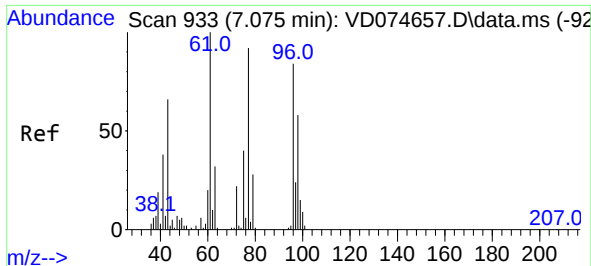
Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



#26
2,2-Dichloropropane
Concen: 4.437 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 77 Resp: 2943
Ion Ratio Lower Upper
77 100
97 10.3 12.5 37.5#

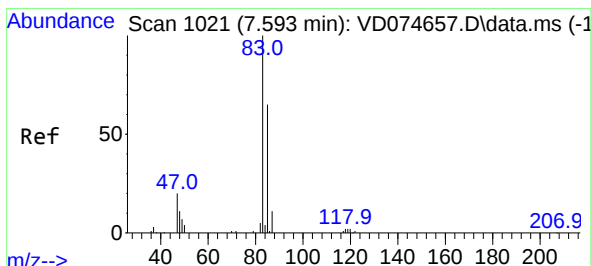
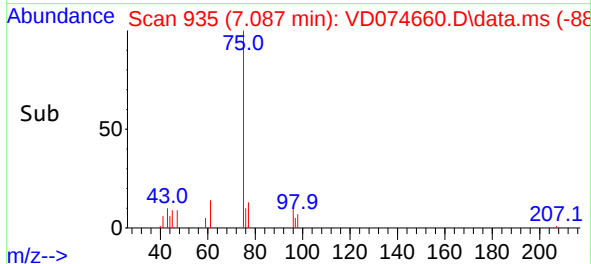
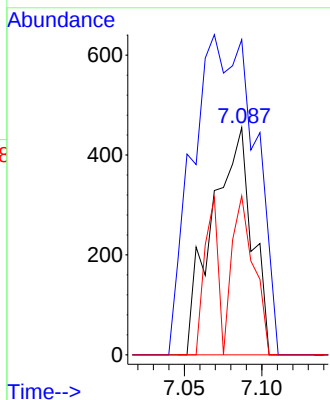
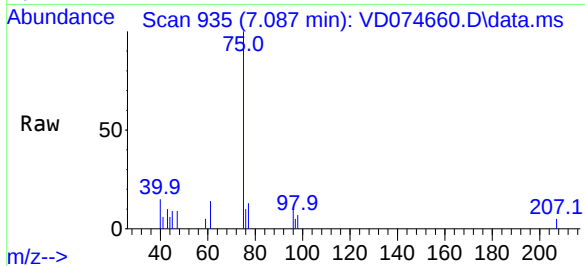




#27
 cis-1,2-Dichloroethene
 Concen: 1.461 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VD074660.D
 Acq: 27 Oct 2022 19:14

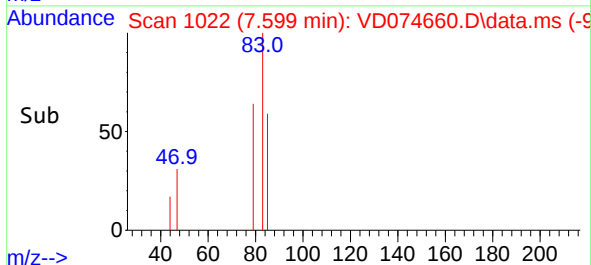
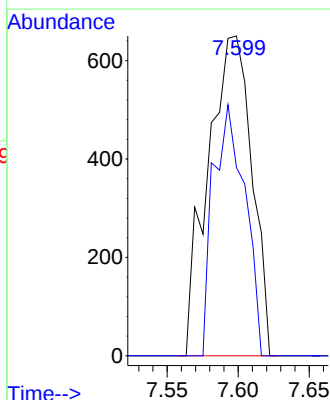
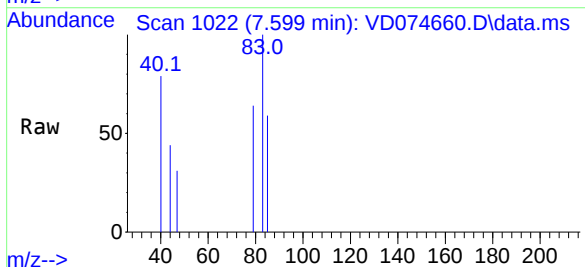
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

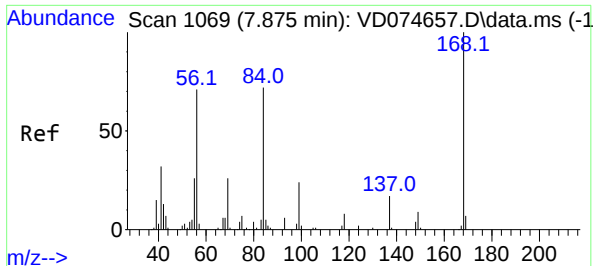
Tgt Ion: 96 Resp: 814
 Ion Ratio Lower Upper
 96 100
 61 0.0 0.0 242.4
 98 38.5 0.0 130.0



#30
 Chloroform
 Concen: 1.710 ug/l
 RT: 7.599 min Scan# 1022
 Delta R.T. 0.006 min
 Lab File: VD074660.D
 Acq: 27 Oct 2022 19:14

Tgt Ion: 83 Resp: 1396
 Ion Ratio Lower Upper
 83 100
 85 58.9 52.0 78.0

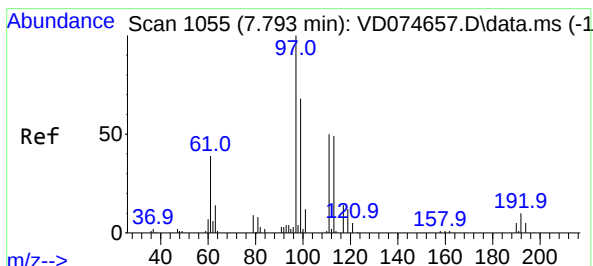
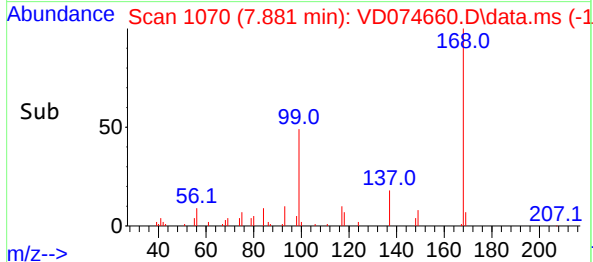
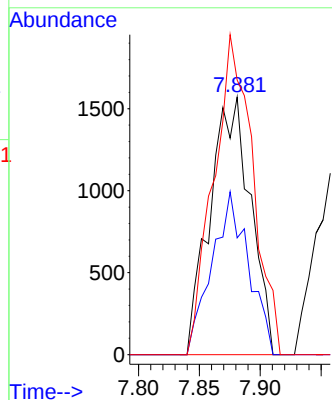
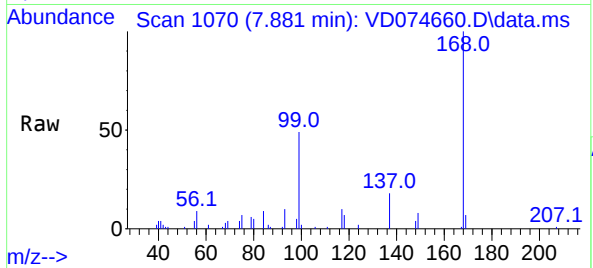




#31
Cyclohexane
Concen: 5.586 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

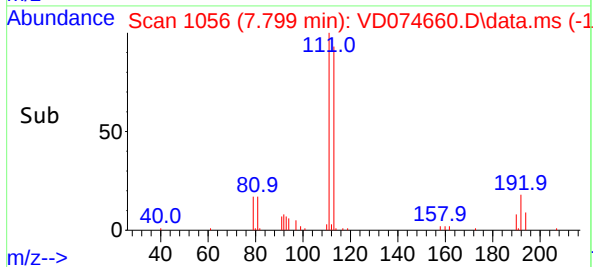
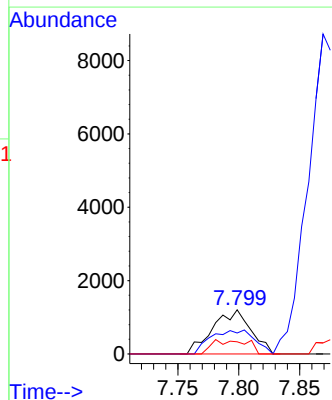
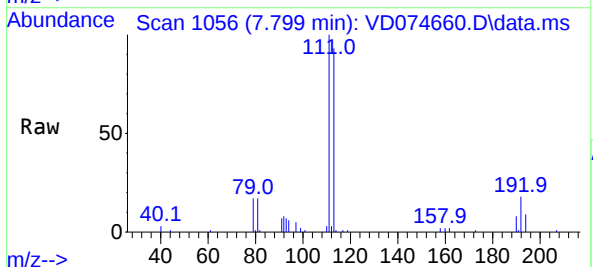
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

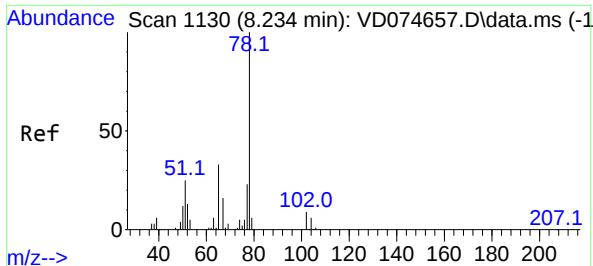
Tgt Ion: 56 Resp: 3658
Ion Ratio Lower Upper
56 100
69 45.3 29.2 43.8#
84 106.6 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 3.634 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 97 Resp: 2605
Ion Ratio Lower Upper
97 100
99 62.1 53.3 79.9
61 0.0 30.2 45.4#





#33

1,2-Dichloroethane-d4

Concen: 103.763 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD074660.D

Acq: 27 Oct 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

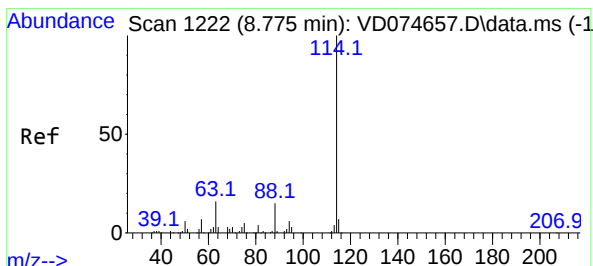
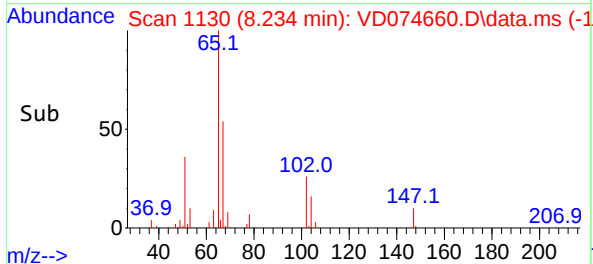
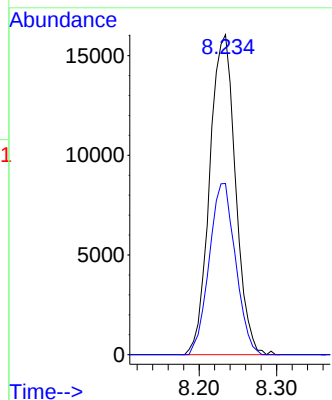
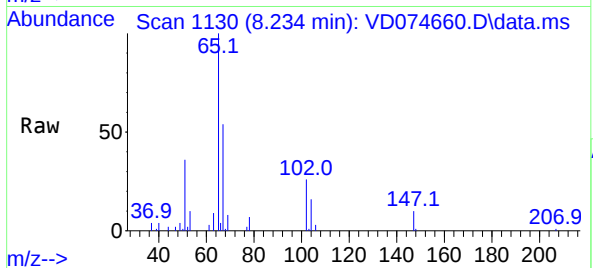
VIBLK

Tgt Ion: 65 Resp: 37071

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074660.D

Acq: 27 Oct 2022 19:14

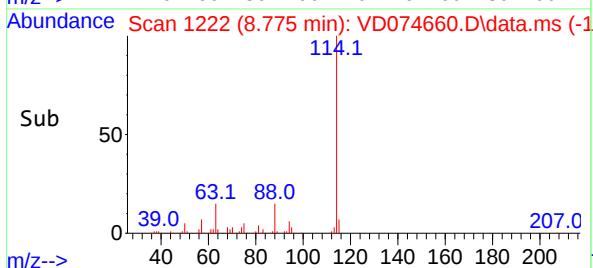
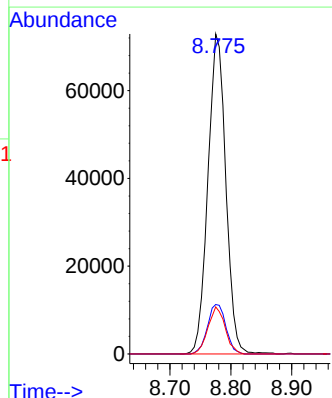
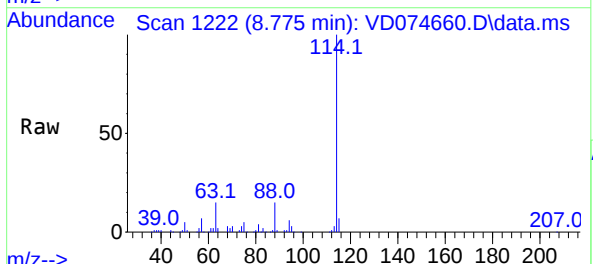
Tgt Ion:114 Resp: 148776

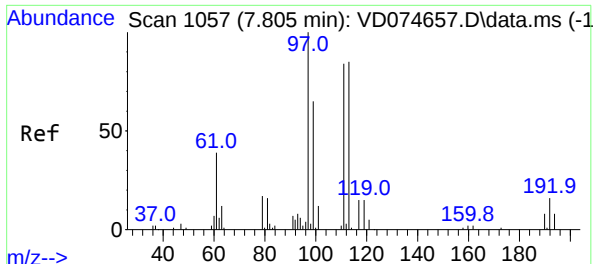
Ion Ratio Lower Upper

114 100

63 15.4 0.0 33.2

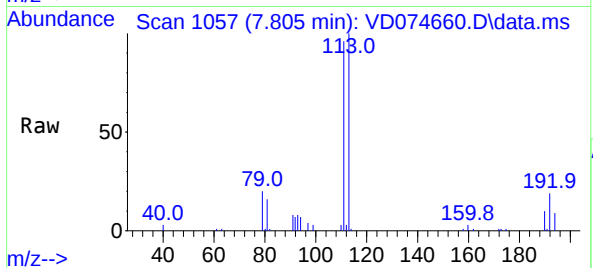
88 14.7 0.0 28.2



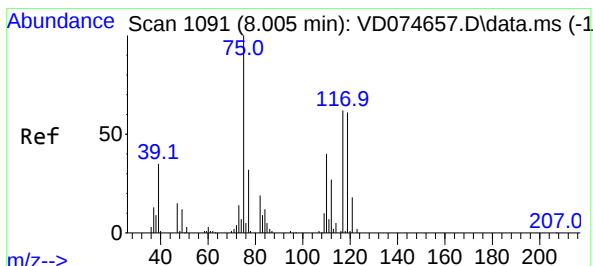
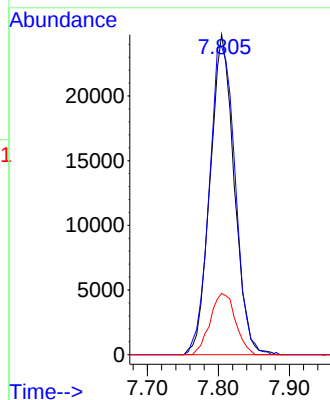
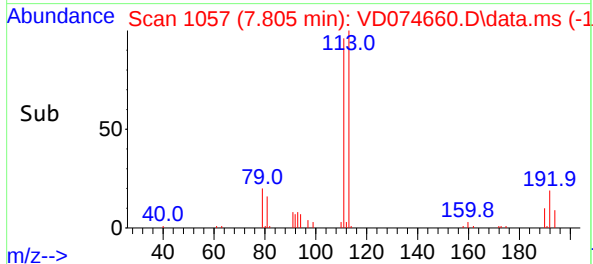


#35
Dibromofluoromethane
Concen: 64.256 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

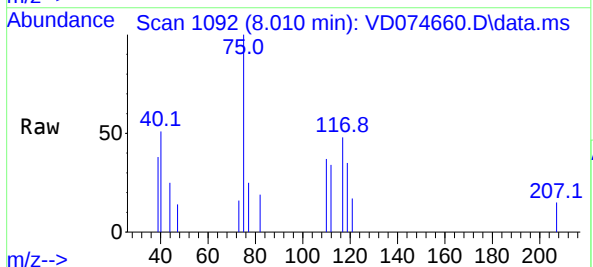
Instrument :
MSVOA_D
ClientSampleId :
VIBLK



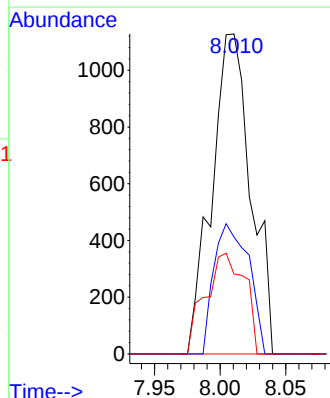
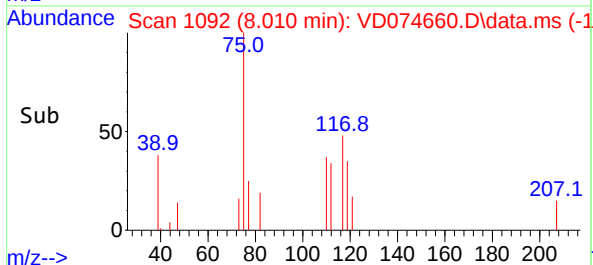
Tgt Ion:113 Resp: 58374
Ion Ratio Lower Upper
113 100
111 104.0 82.3 123.5
192 20.1 16.4 24.6

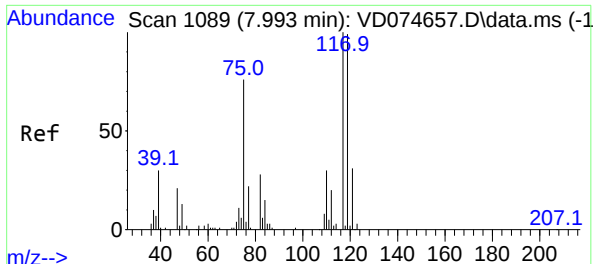


#36
1,1-Dichloropropene
Concen: 1.809 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.005 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14



Tgt Ion: 75 Resp: 2341
Ion Ratio Lower Upper
75 100
110 36.2 19.7 59.0
77 31.6 25.4 38.2

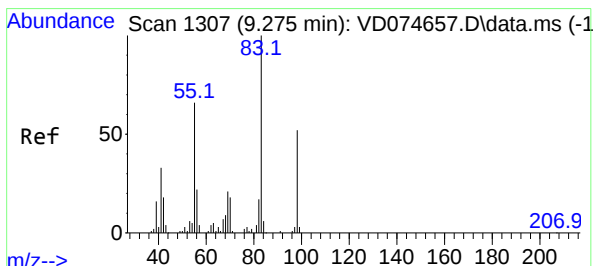
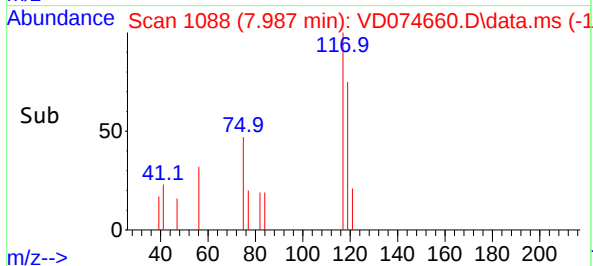
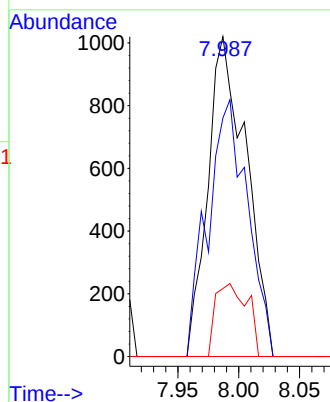
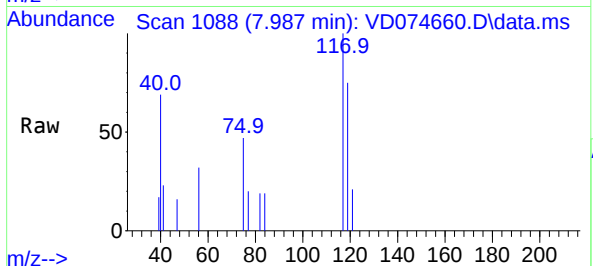




#38
Carbon Tetrachloride
Concen: 1.854 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

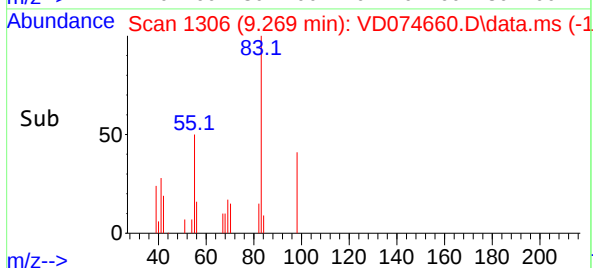
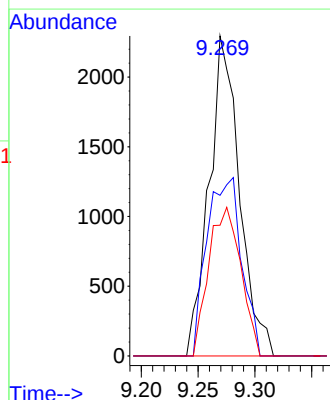
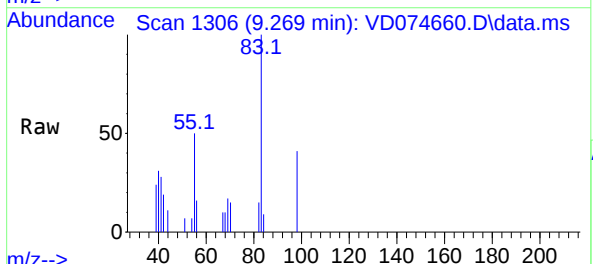
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

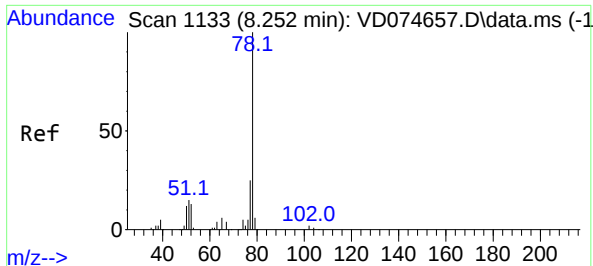
Tgt Ion:117 Resp: 2230
Ion Ratio Lower Upper
117 100
119 74.6 73.1 109.7
121 21.3 25.0 37.6#



#39
Methylcyclohexane
Concen: 2.700 ug/l
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 83 Resp: 4274
Ion Ratio Lower Upper
83 100
55 50.2 49.0 73.4
98 40.8 41.7 62.5#

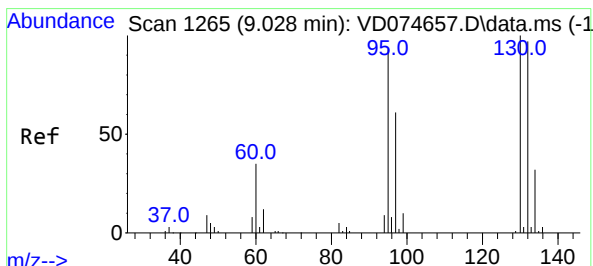
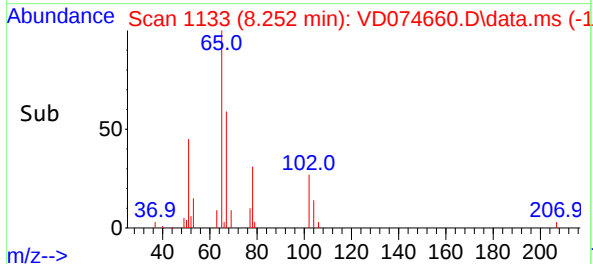
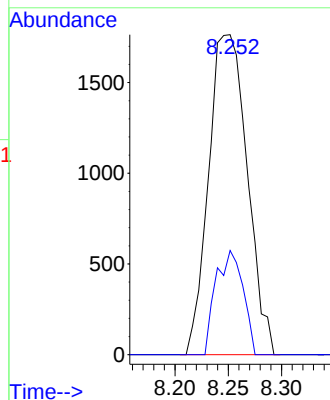
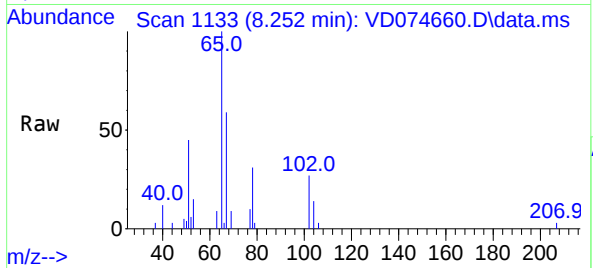




#40
Benzene
Concen: 1.127 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

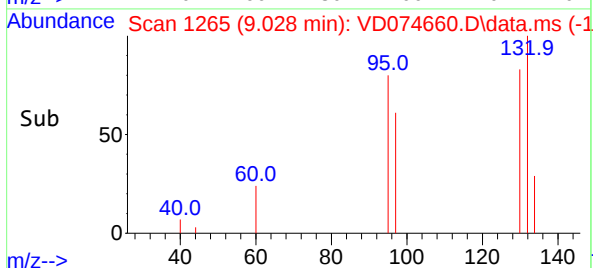
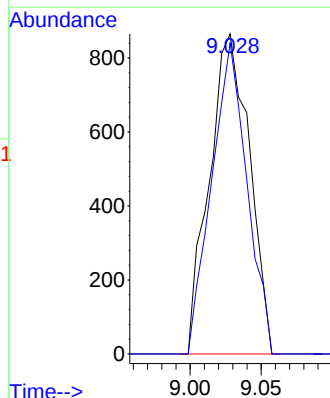
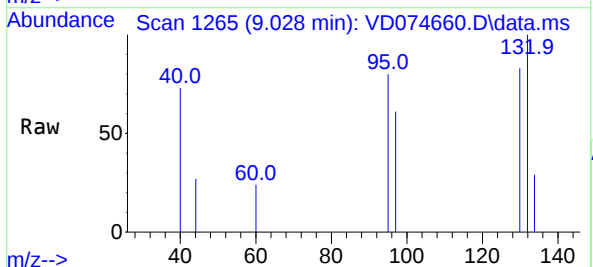
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

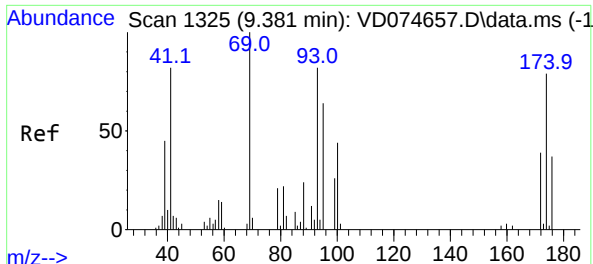
Tgt Ion: 78 Resp: 4451
Ion Ratio Lower Upper
78 100
77 32.5 20.1 30.1#



#44
Trichloroethene
Concen: 1.467 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion:130 Resp: 1699
Ion Ratio Lower Upper
130 100
95 97.2 0.0 185.4





#48

Methyl methacrylate

Concen: 3.673 ug/l

RT: 9.269 min Scan# 11

Delta R.T. -0.112 min

Lab File: VD074660.D

Acq: 27 Oct 2022 19:14

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

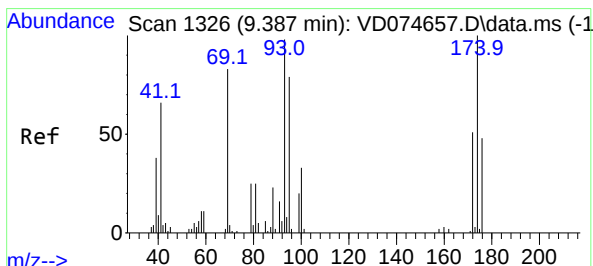
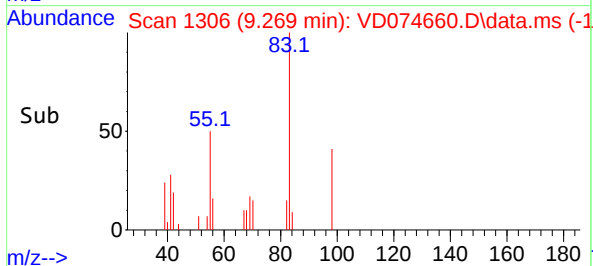
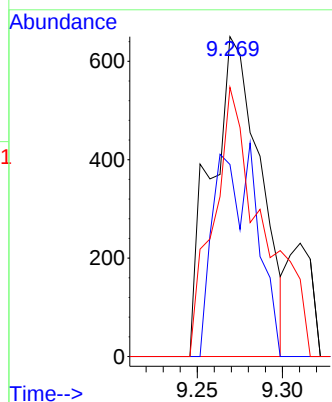
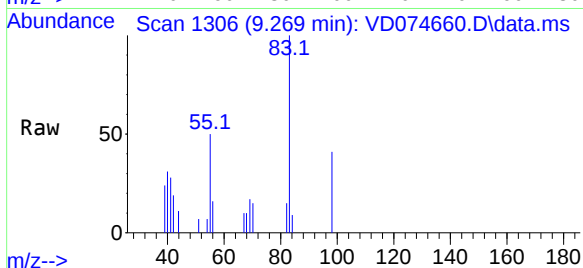
Tgt Ion: 41 Resp: 1297

Ion Ratio Lower Upper

41 100

69 57.2 93.0 139.4#

39 85.2 44.6 66.8#



#49

1,4-Dioxane

Concen: 11.501 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD074660.D

Acq: 27 Oct 2022 19:14

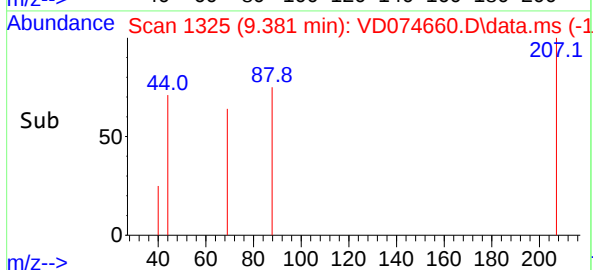
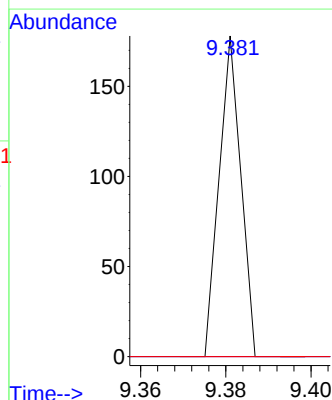
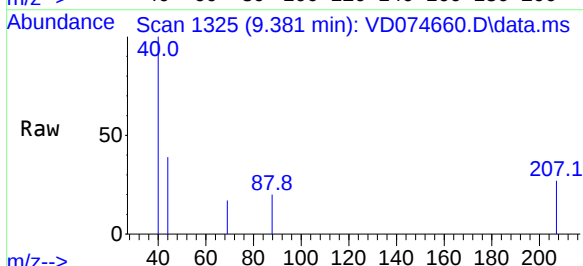
Tgt Ion: 88 Resp: 63

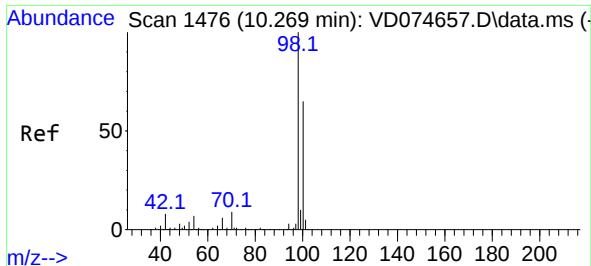
Ion Ratio Lower Upper

88 100

43 0.0 24.1 36.1#

58 0.0 43.1 64.7#

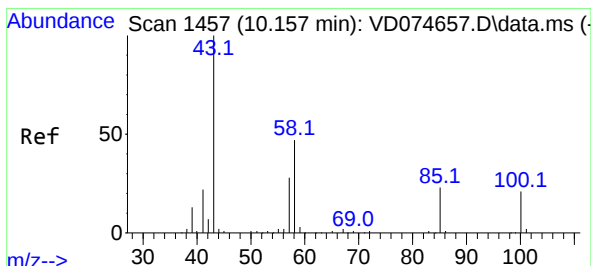
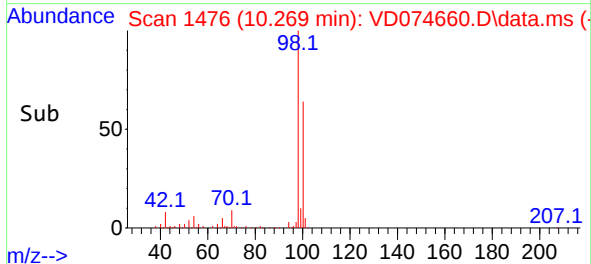
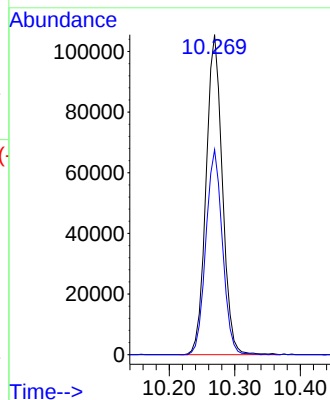
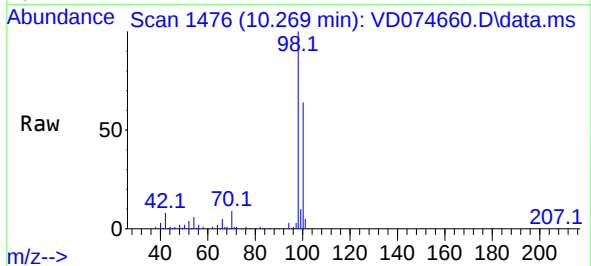




#50
Toluene-d8
Concen: 52.238 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

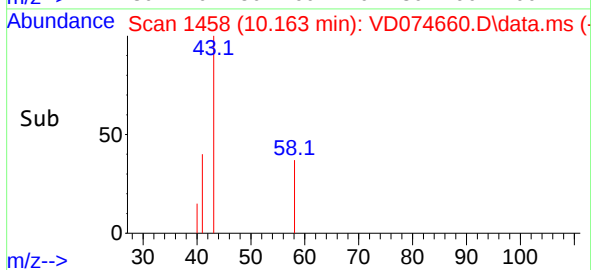
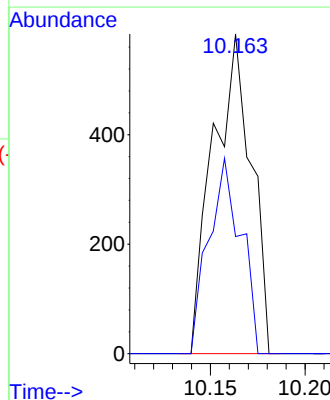
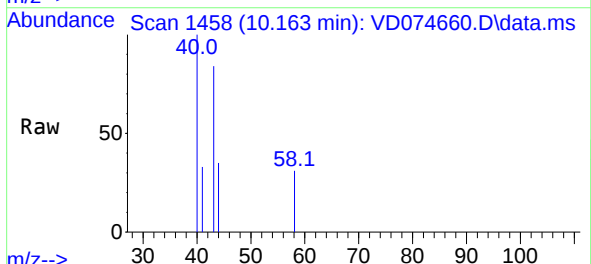
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

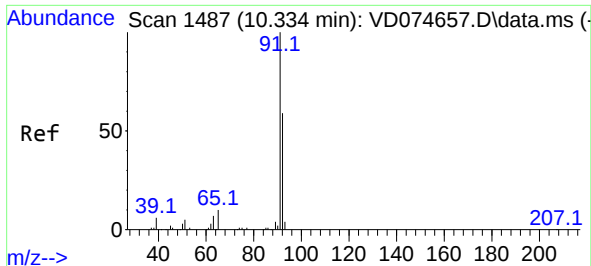
Tgt Ion: 98 Resp: 182503
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 2.126 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
58 51.7 37.8 56.6

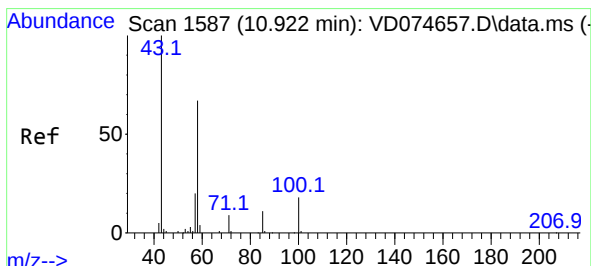
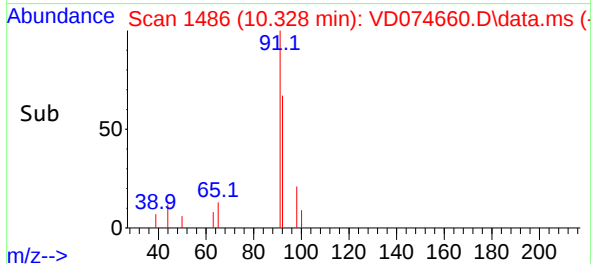
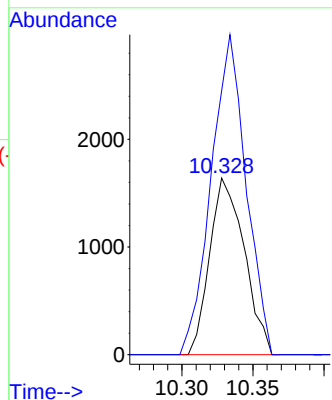
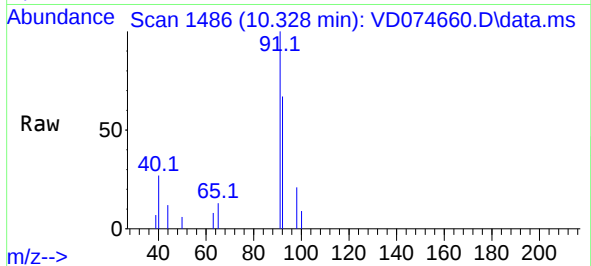




#52
Toluene
Concen: 1.126 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

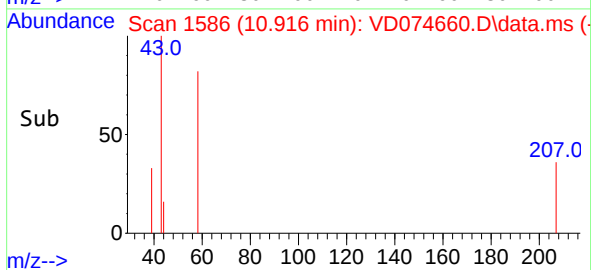
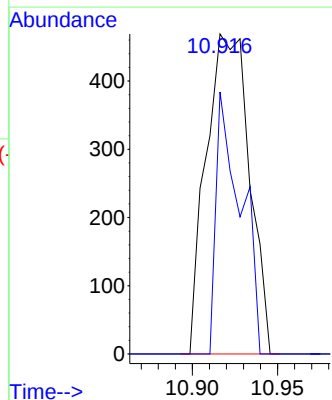
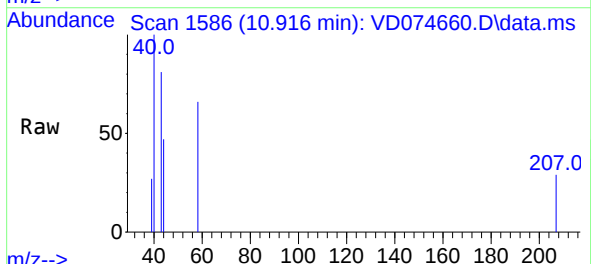
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

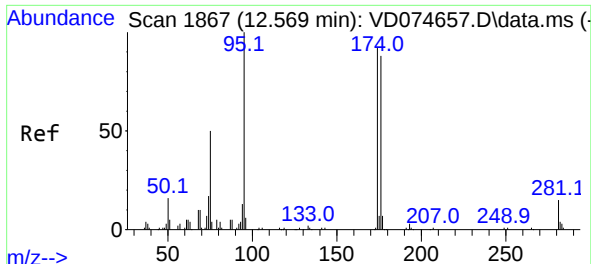
Tgt Ion: 92 Resp: 2783
Ion Ratio Lower Upper
92 100
91 182.5 139.0 208.4



#59
2-Hexanone
Concen: 3.170 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
58 46.9 32.0 96.2

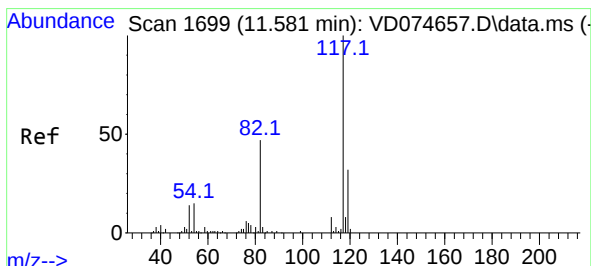
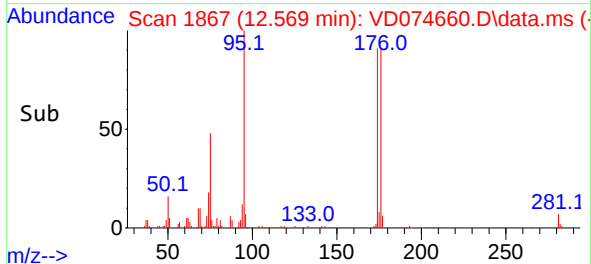
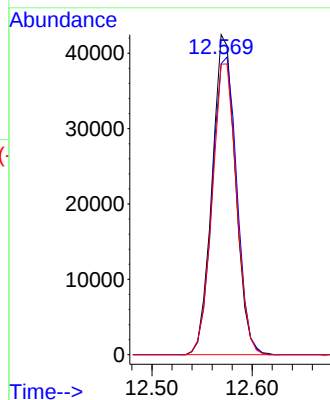
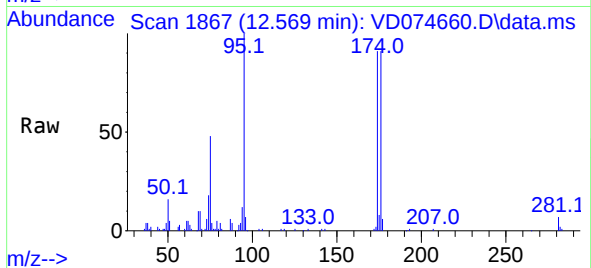




#62
4-Bromofluorobenzene
Concen: 71.533 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

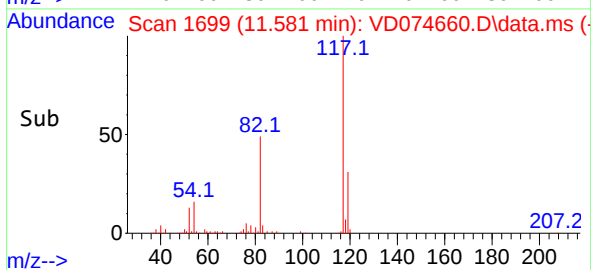
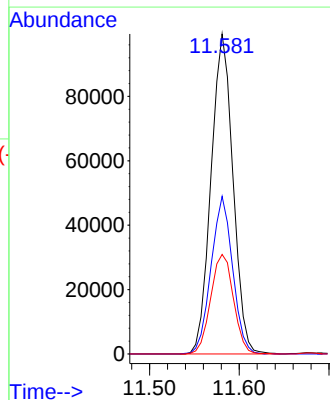
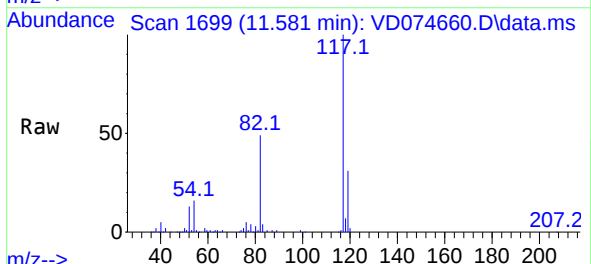
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

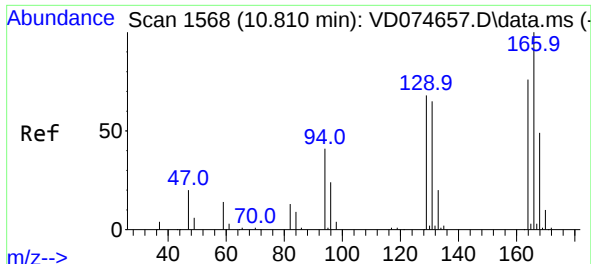
Tgt Ion: 95 Resp: 68635
Ion Ratio Lower Upper
95 100
174 98.1 0.0 197.0
176 94.1 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 117 Resp: 168741
Ion Ratio Lower Upper
117 100
82 49.3 41.6 62.4
119 31.1 25.2 37.8

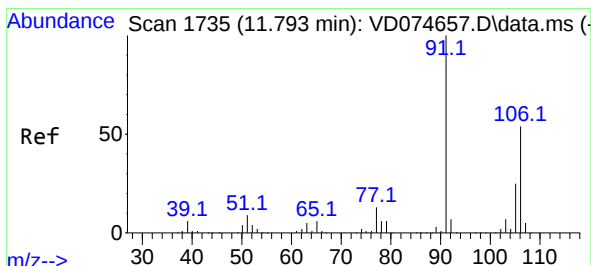
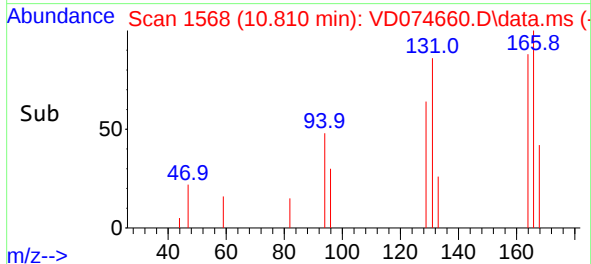
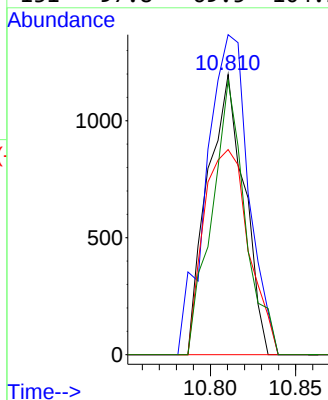
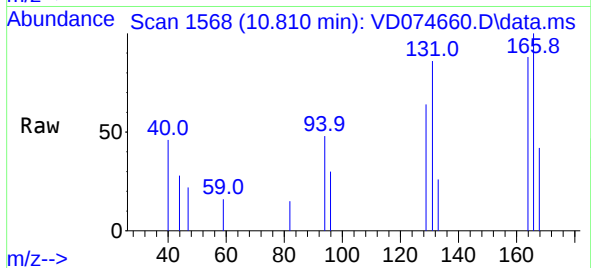




#64
Tetrachloroethene
Concen: 1.499 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

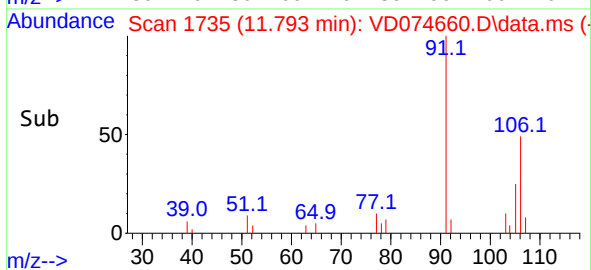
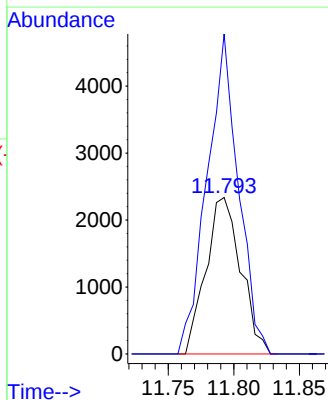
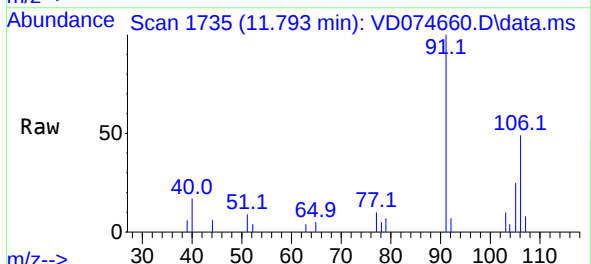
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

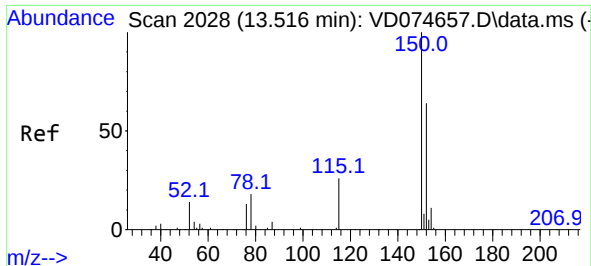
Tgt Ion:164 Resp: 1790
Ion Ratio Lower Upper
164 100
166 114.2 107.8 161.8
129 73.2 77.4 116.2#
131 97.8 69.5 104.3



#68
m/p-Xylenes
Concen: 1.860 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

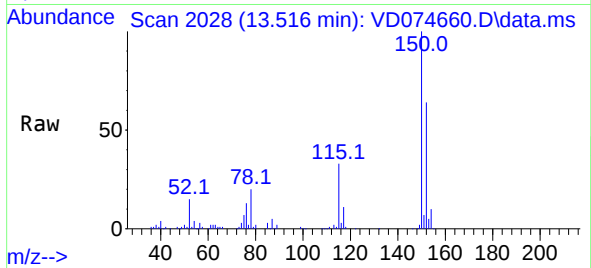
Tgt Ion:106 Resp: 4338
Ion Ratio Lower Upper
106 100
91 183.4 156.2 234.4



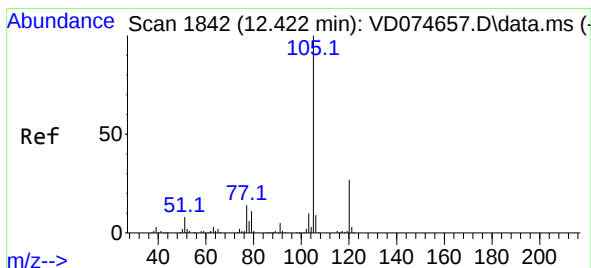
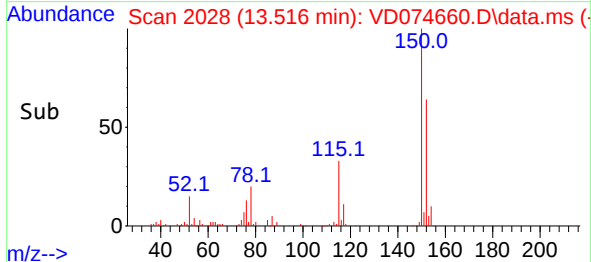
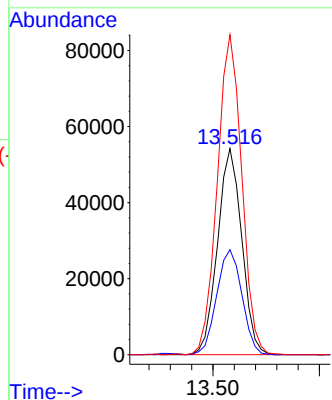


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

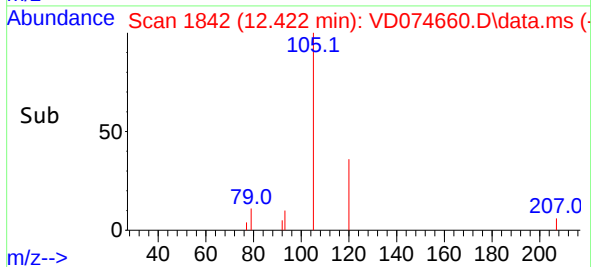
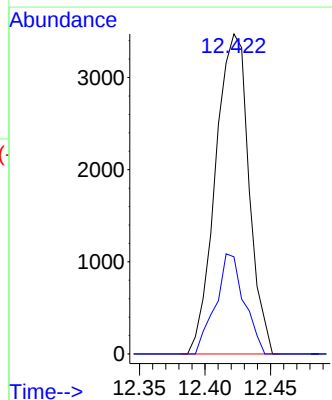
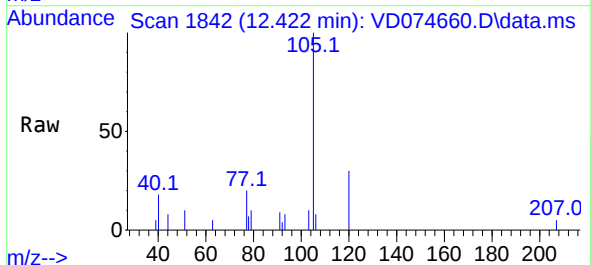


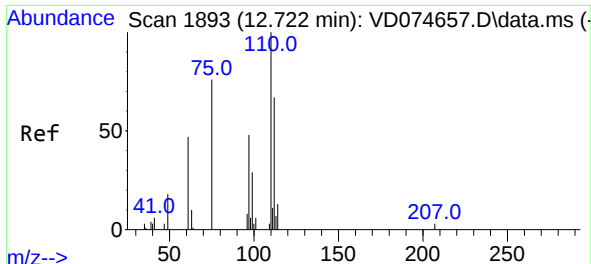
Tgt Ion:152 Resp: 85464
Ion Ratio Lower Upper
152 100
115 53.0 26.8 80.4
150 157.0 0.0 348.2



#73
Isopropylbenzene
Concen: 1.008 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion:105 Resp: 6143
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

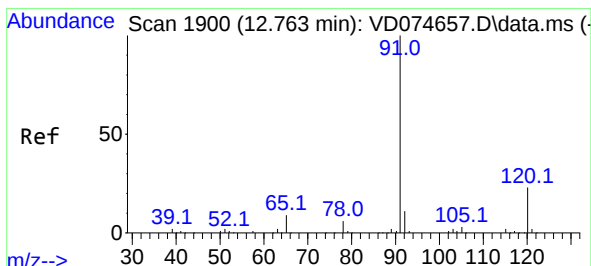
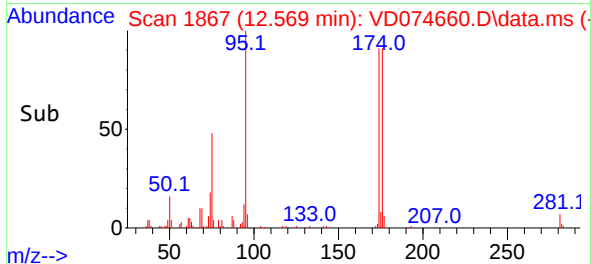
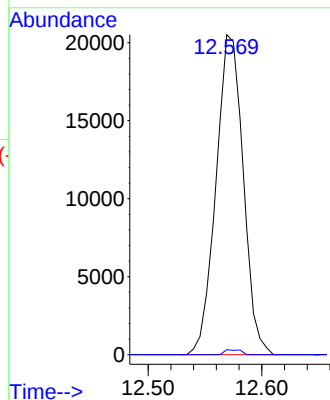
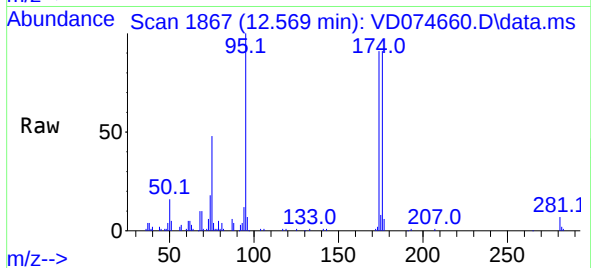




#76
1,2,3-Trichloropropane
Concen: 51.143 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

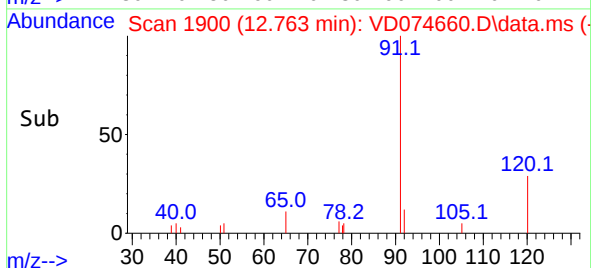
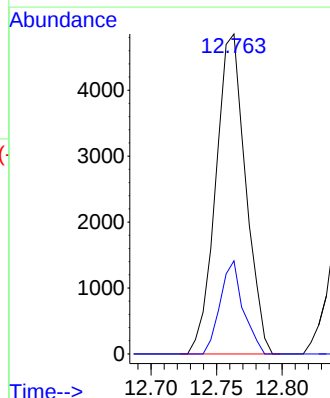
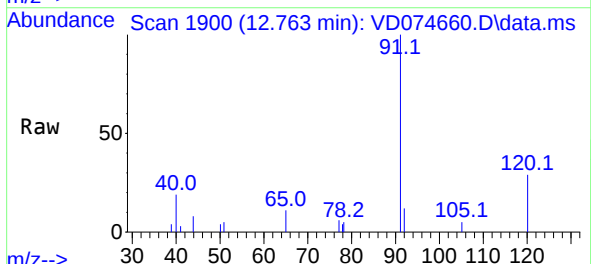
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

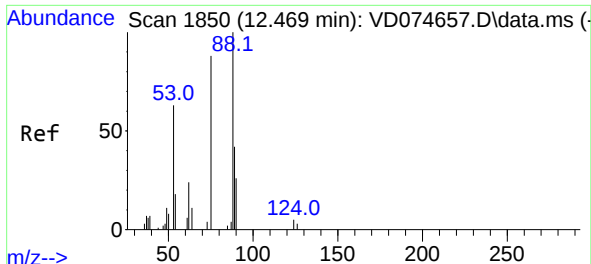
Tgt Ion: 75 Resp: 34185
Ion Ratio Lower Upper
75 100
77 0.9 185.8 557.5#



#78
n-propylbenzene
Concen: 1.050 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 91 Resp: 7682
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.7

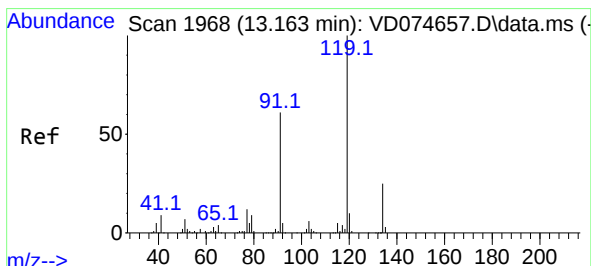
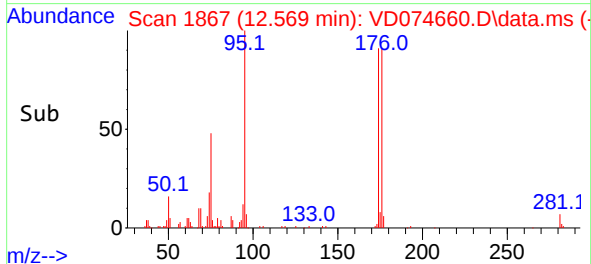
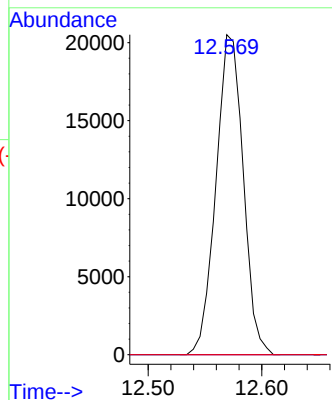
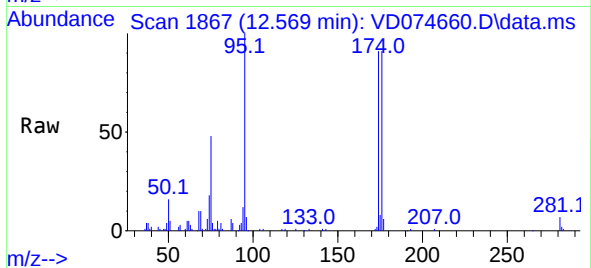




#81
trans-1,4-Dichloro-2-butene
Concen: 135.354 ug/l
RT: 12.569 min Scan# 1850
Delta R.T. 0.100 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

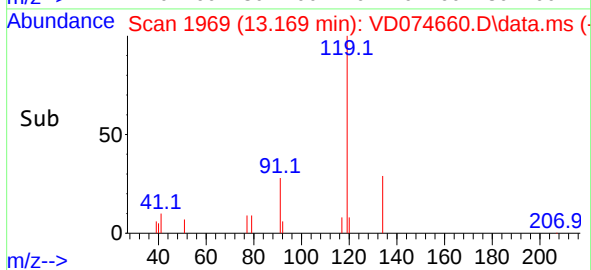
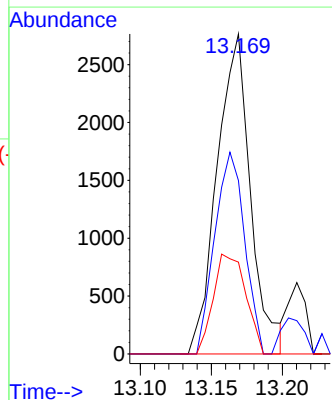
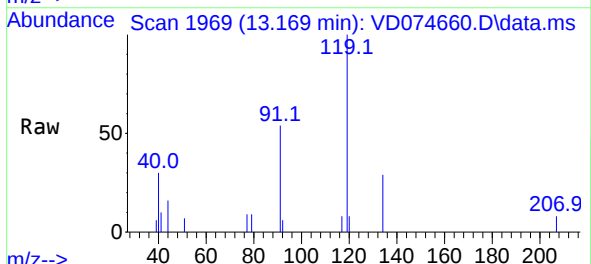
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

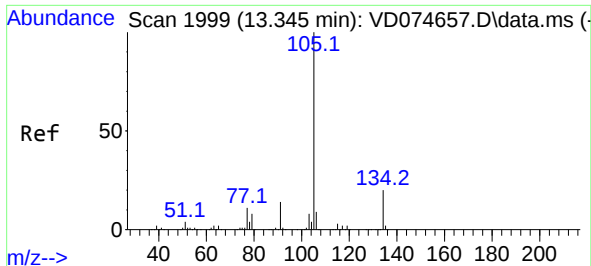
Tgt Ion: 75 Resp: 34185
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#83
tert-Butylbenzene
Concen: 1.009 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion: 119 Resp: 4532
Ion Ratio Lower Upper
119 100
91 56.3 30.0 90.0
134 30.1 13.4 40.1

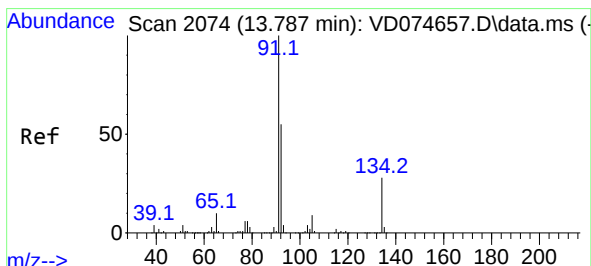
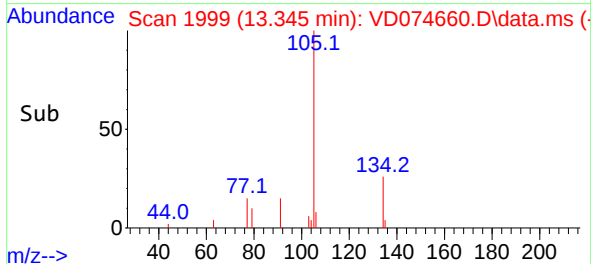
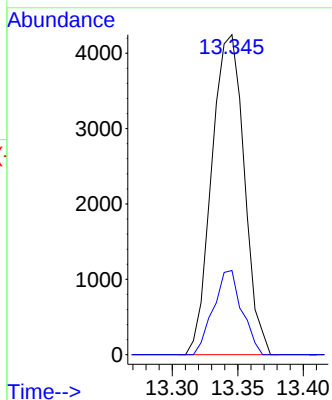
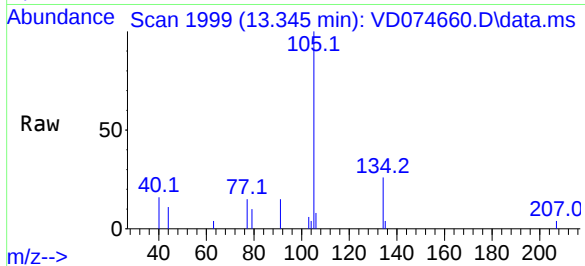




#85
 sec-Butylbenzene
 Concen: 1.109 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD074660.D
 Acq: 27 Oct 2022 19:14

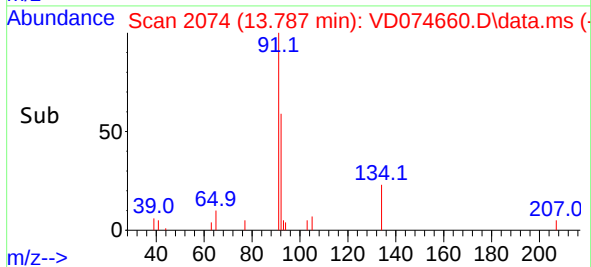
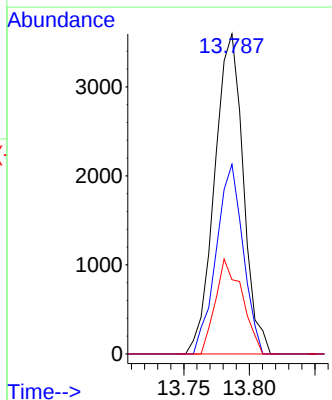
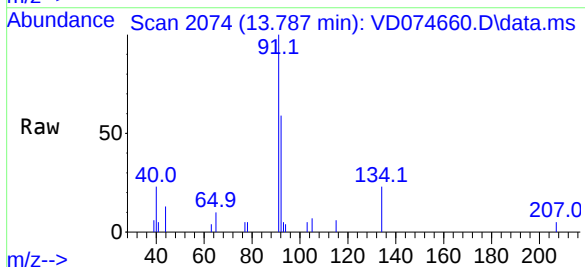
Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

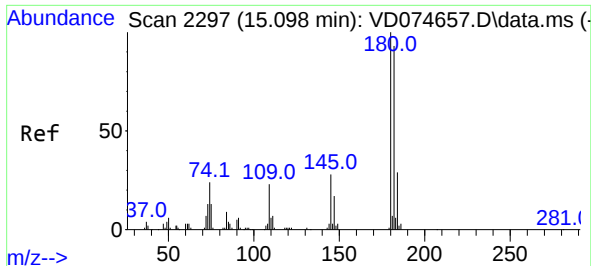
Tgt Ion:105 Resp: 7314
 Ion Ratio Lower Upper
 105 100
 134 23.1 10.0 30.0



#89
 n-Butylbenzene
 Concen: 1.068 ug/l
 RT: 13.787 min Scan# 2074
 Delta R.T. -0.000 min
 Lab File: VD074660.D
 Acq: 27 Oct 2022 19:14

Tgt Ion: 91 Resp: 5454
 Ion Ratio Lower Upper
 91 100
 92 55.6 26.9 80.7
 134 27.6 13.4 40.2

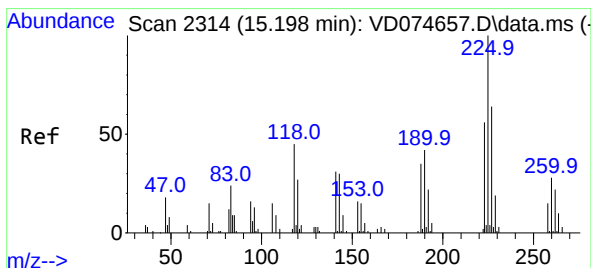
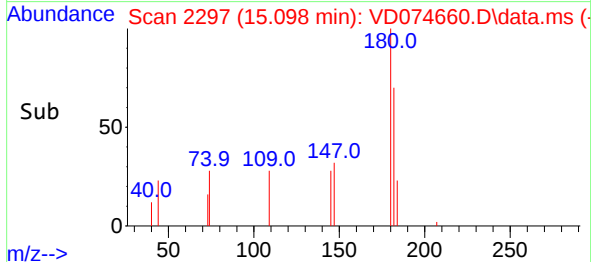
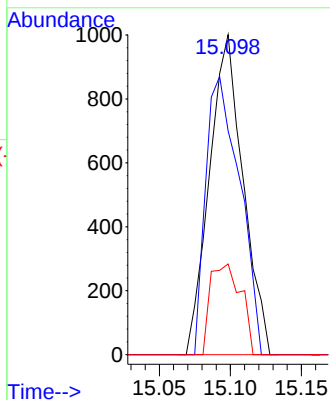
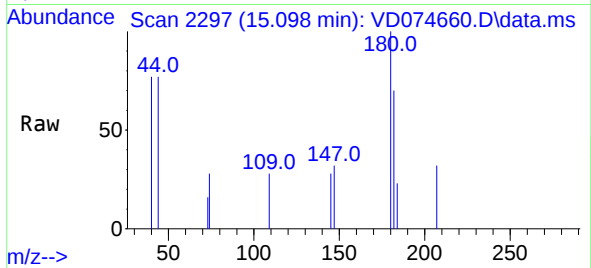




#93
1,2,4-Trichlorobenzene
Concen: 1.007 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

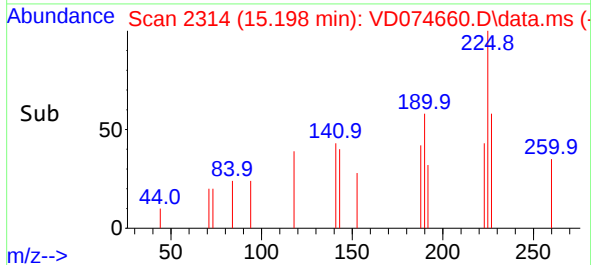
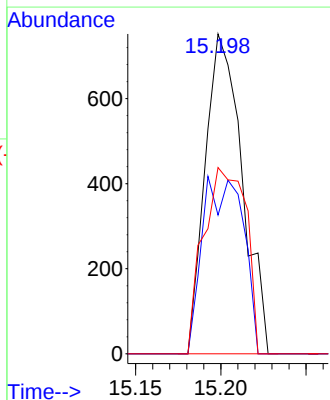
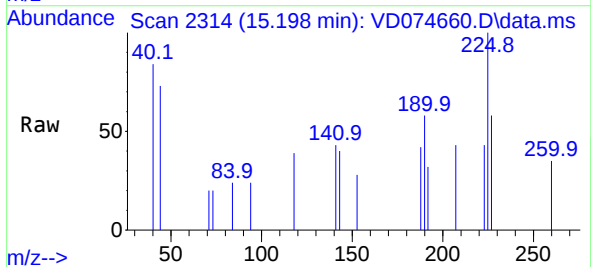
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

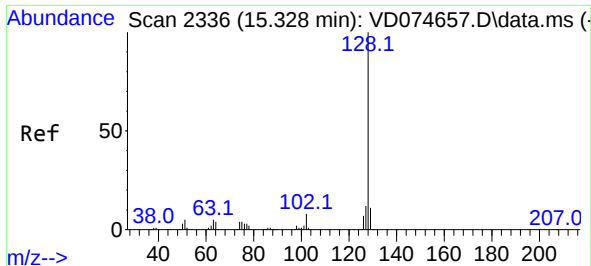
Tgt Ion:	180	Resp:	1652
Ion	Ratio	Lower	Upper
180	100		
182	87.5	46.9	140.6
145	25.7	14.1	42.3



#94
Hexachlorobutadiene
Concen: 1.353 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. 0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion:	225	Resp:	1132
Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.9	95.5
227	66.6	32.6	97.8

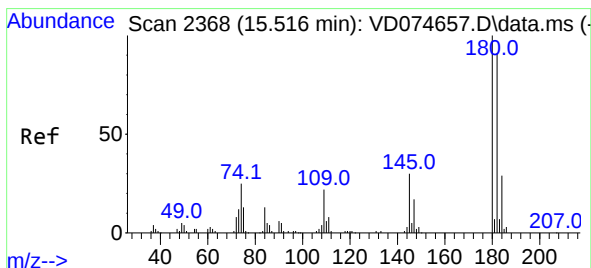
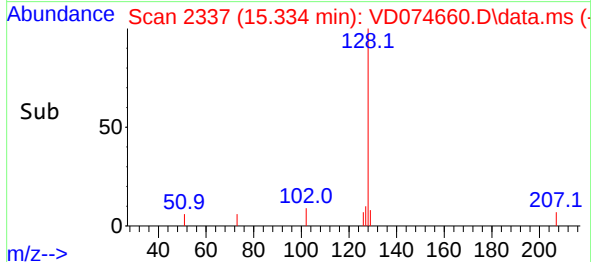
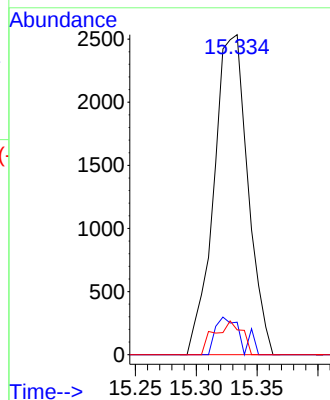
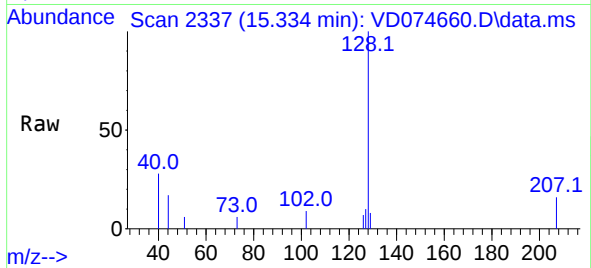




#95
Naphthalene
Concen: 1.635 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 4924
Ion Ratio Lower Upper
128 100
127 8.9 10.6 16.0#
129 8.5 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 1.312 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD074660.D
Acq: 27 Oct 2022 19:14

Tgt Ion:180 Resp: 1852
Ion Ratio Lower Upper
180 100
182 93.0 46.7 140.1
145 26.3 14.9 44.7

