

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022089.D
 Acq On : 19 May 2021 15:50
 Operator : JC/MD
 Sample : M2262-07 .2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-SOIL-01-QT2-202

Quant Time: May 20 04:42:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 20 04:41:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	96252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	181975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69107	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69802	47.01	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.02%
35) Dibromofluoromethane	5.385	113	52485	45.48	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.96%
50) Toluene-d8	8.653	98	205154	46.15	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.30%
62) 4-Bromofluorobenzene	11.085	95	75870	46.18	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.36%

Target Compounds					Qvalue	
3) Chloromethane	1.294	50	414	0.33	ug/l	96
4) Vinyl Chloride	1.374	62	271	0.20	ug/l	100
5) Bromomethane	1.617	94	451	0.58	ug/l #	65
10) Methyl Iodide	2.453	142	504	0.41	ug/l #	68
11) Tert butyl alcohol	2.965	59	806	2.37	ug/l #	73
13) Acrolein	2.245	56	270	1.20	ug/l	88
14) Allyl chloride	2.672	41	557	0.27	ug/l #	71
15) Acrylonitrile	3.075	53	758	1.13	ug/l	94
16) Acetone	2.386	43	1232	1.91	ug/l	91
17) Carbon Disulfide	2.520	76	1295	0.45	ug/l #	75
18) Methyl Acetate	2.715	43	540	0.31	ug/l #	56
19) Methyl tert-butyl Ether	3.117	73	759	0.20	ug/l #	88
20) Methylene Chloride	2.794	84	798	0.56	ug/l #	80
21) trans-1,2-Dichloroethene	3.093	96	357	0.30	ug/l	89
23) Vinyl Acetate	3.721	43	3481	0.93	ug/l #	92
25) 2-Butanone	4.568	43	1266	1.21	ug/l #	68
27) cis-1,2-Dichloroethene	4.507	96	322	0.22	ug/l	58
29) Tetrahydrofuran	5.032	42	577	0.93	ug/l #	56
30) Chloroform	5.105	83	476	0.20	ug/l #	50
31) Cyclohexane	5.477	56	393	0.21	ug/l #	74
38) Carbon Tetrachloride	5.556	117	10862	6.60	ug/l #	15
39) Methylcyclohexane	7.379	83	428	0.22	ug/l	95
42) 1,2-Dichloroethane	6.086	62	421	0.23	ug/l #	73
43) Isopropyl Acetate	6.348	43	688	0.20	ug/l #	57
44) Trichloroethene	7.147	130	277	0.22	ug/l	56
46) Dibromomethane	7.598	93	281	0.31	ug/l #	51
48) Methyl methacrylate	7.702	41	315	0.20	ug/l	90
51) 4-Methyl-2-Pentanone	8.580	43	1479	0.73	ug/l	95
52) Toluene	8.726	92	686	0.21	ug/l	96
57) 1,3-Dichloropropane	9.317	76	472	0.21	ug/l #	84
58) 2-Chloroethyl Vinyl ether	8.250	63	1759	1.51	ug/l	99
59) 2-Hexanone	9.433	43	1559	1.03	ug/l	84
64) Tetrachloroethene	9.281	164	241	0.23	ug/l #	79
65) Chlorobenzene	10.085	112	801	0.24	ug/l	96
68) m/p-Xylenes	10.299	106	954	0.40	ug/l	96
70) Styrene	10.659	104	789	0.21	ug/l	92

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

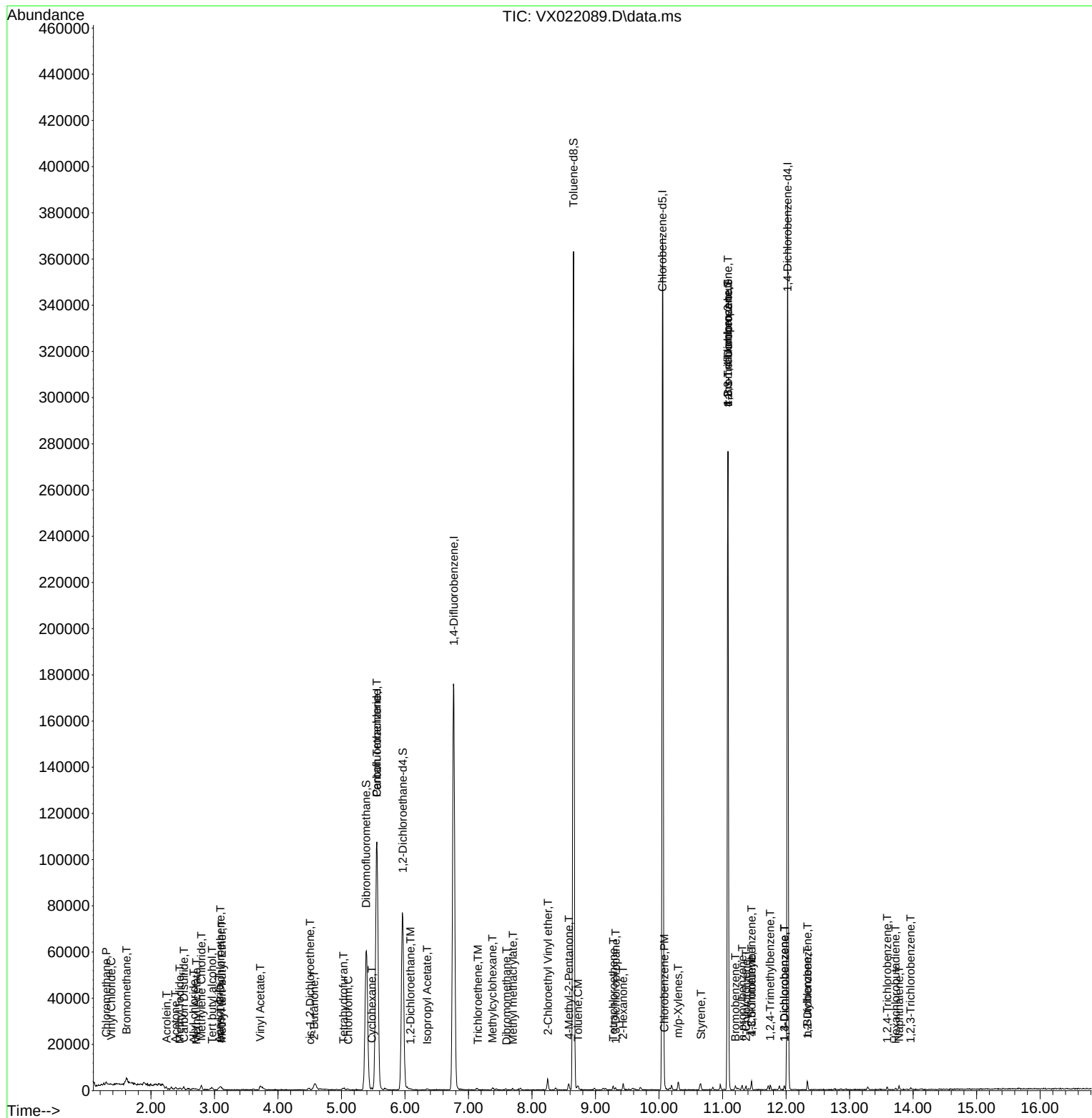
76) 1,2,3-Trichloropropane	11.085	75	39060	22.91	ug/l #	39
77) Bromobenzene	11.201	156	341	0.27	ug/l	86
78) n-propylbenzene	11.311	91	1454	0.21	ug/l	97
79) 2-Chlorotoluene	11.372	91	906	0.22	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	1006	0.21	ug/l	82
81) trans-1,4-Dichloro-2-b...	11.085	75	39060	54.28	ug/l #	12
82) 4-Chlorotoluene	11.457	91	1191	0.25	ug/l	84
84) 1,2,4-Trimethylbenzene	11.750	105	1012	0.21	ug/l	94
87) 1,3-Dichlorobenzene	11.975	146	611	0.26	ug/l	93
88) 1,4-Dichlorobenzene	11.975	146	611	0.25	ug/l	92
89) n-Butylbenzene	12.335	91	1076	0.23	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	663	0.29	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	351	0.25	ug/l #	86
94) Hexachlorobutadiene	13.725	225	161	0.30	ug/l #	71
95) Naphthalene	13.780	128	1160	0.21	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.963	180	315	0.23	ug/l	90

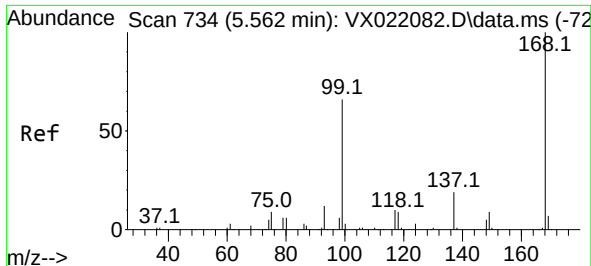
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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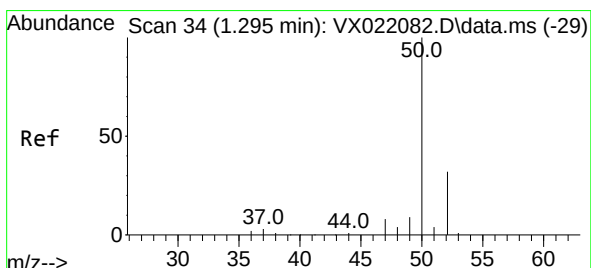
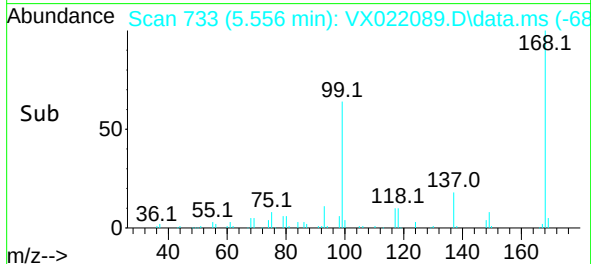
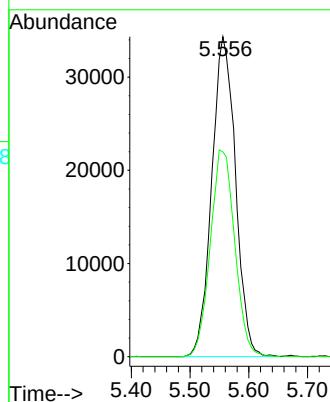
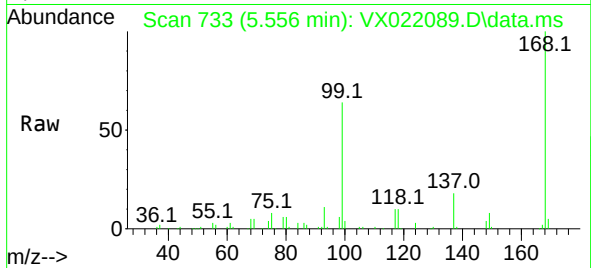




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

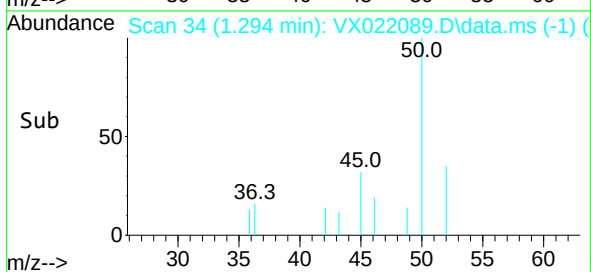
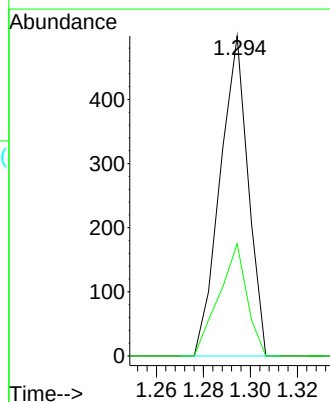
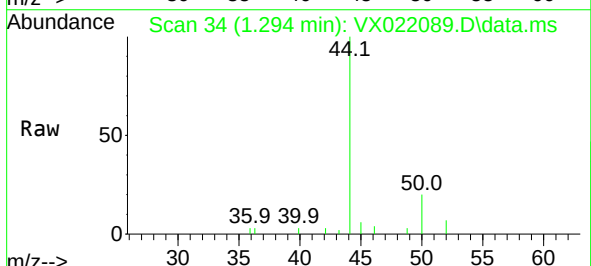
Instrument :
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ClientSampleId :
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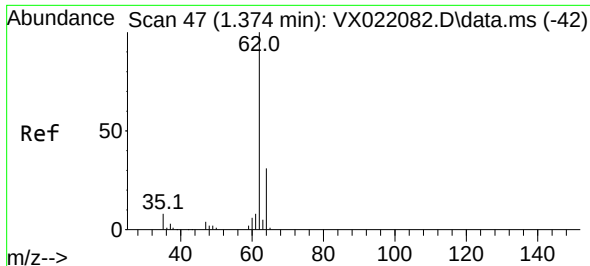
Tgt Ion:168 Resp: 96252
Ion Ratio Lower Upper
168 100
99 64.0 45.8 68.6



#3
Chloromethane
Concen: 0.33 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion: 50 Resp: 414
Ion Ratio Lower Upper
50 100
52 35.1 26.4 39.6

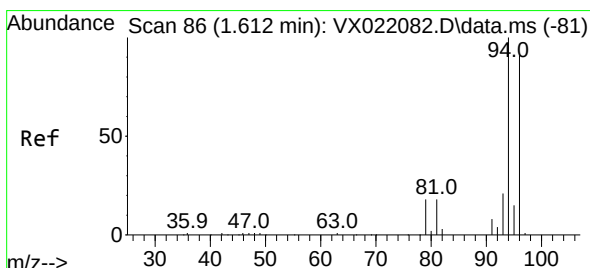
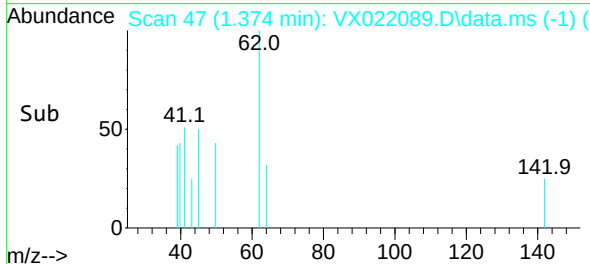
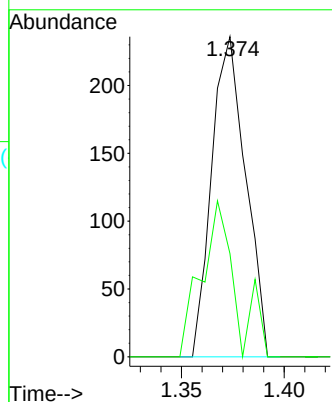
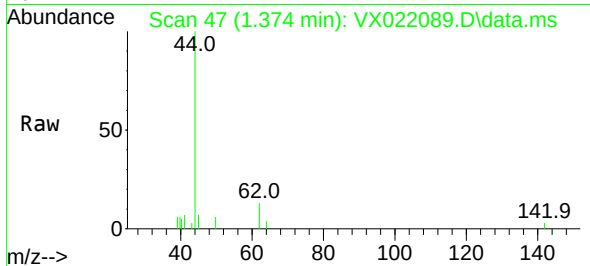




#4
 Vinyl Chloride
 Concen: 0.20 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022089.D
 Acq: 19 May 2021 15:50

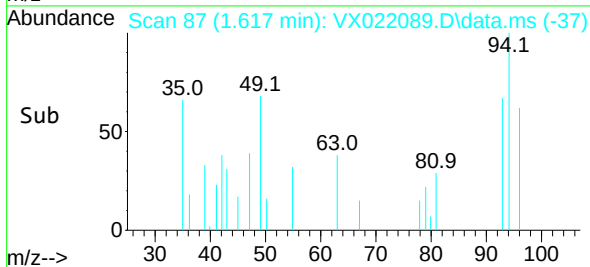
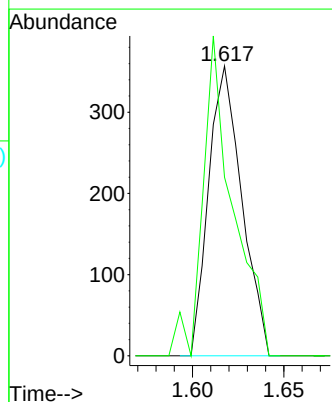
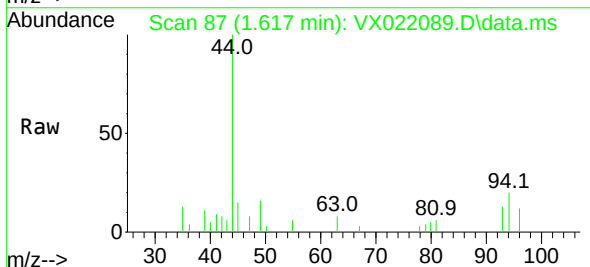
Instrument :
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 LOD-MDL-WATER-SOIL-01-QT2-202

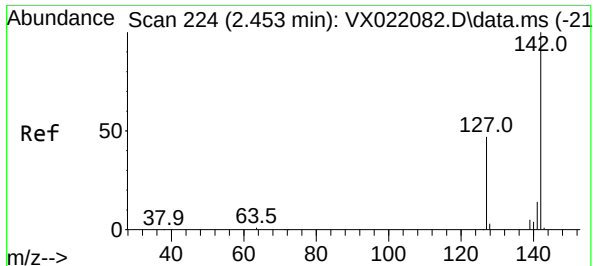
Tgt Ion: 62 Resp: 271
 Ion Ratio Lower Upper
 62 100
 64 32.2 25.7 38.5



#5
 Bromomethane
 Concen: 0.58 ug/l
 RT: 1.617 min Scan# 87
 Delta R.T. 0.005 min
 Lab File: VX022089.D
 Acq: 19 May 2021 15:50

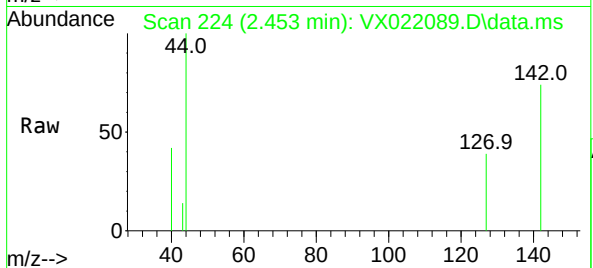
Tgt Ion: 94 Resp: 451
 Ion Ratio Lower Upper
 94 100
 96 61.6 76.4 114.6#



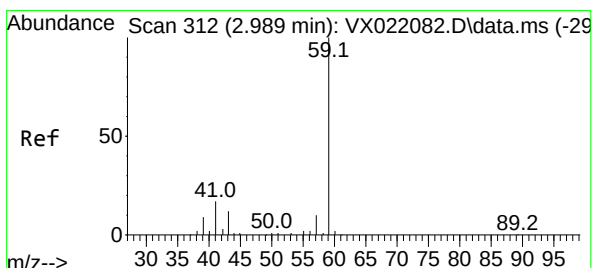
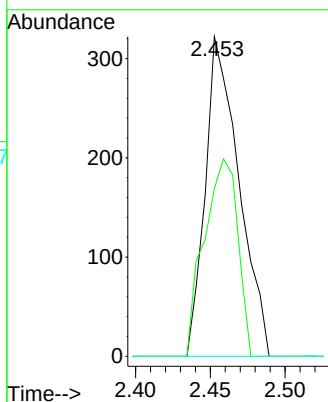
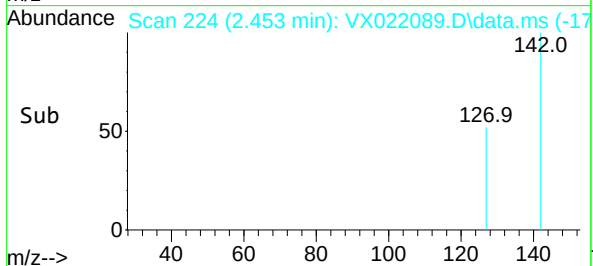


#10
Methyl Iodide
Concen: 0.41 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

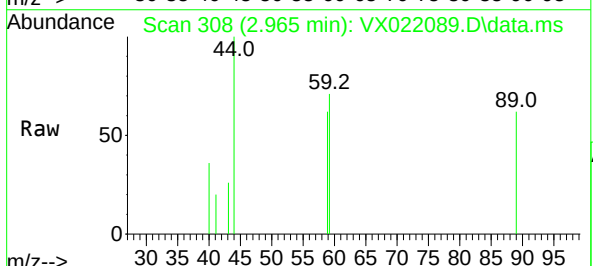
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202



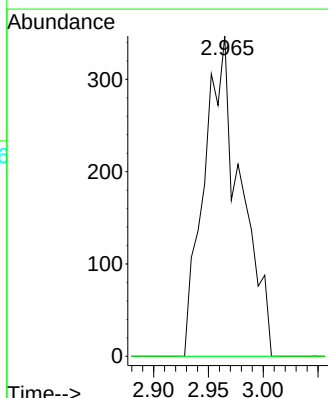
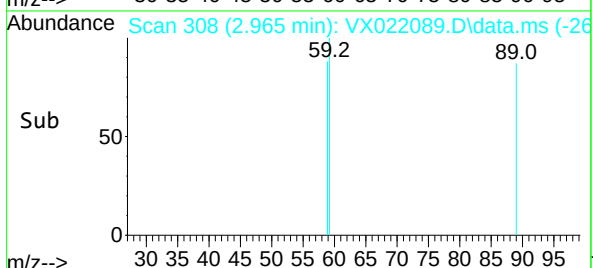
Tgt Ion:142 Resp: 504
Ion Ratio Lower Upper
142 100
127 61.5 33.3 49.9#
141 0.0 11.4 17.0#

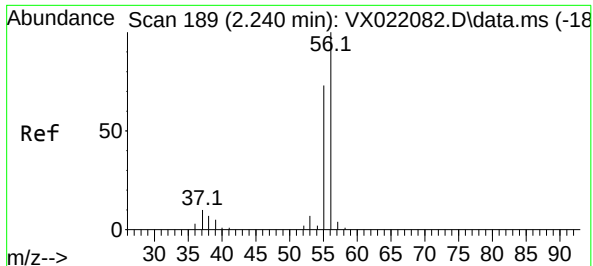


#11
Tert butyl alcohol
Concen: 2.37 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50



Tgt Ion: 59 Resp: 806
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

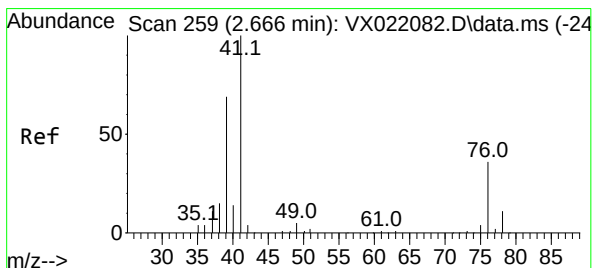
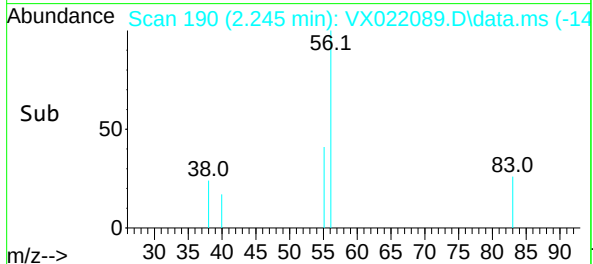
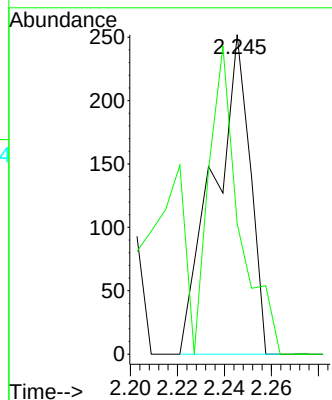
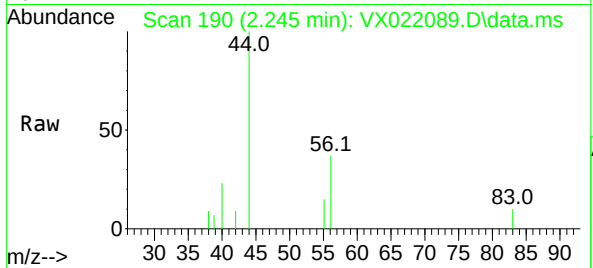




#13
Acrolein
Concen: 1.20 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.005 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

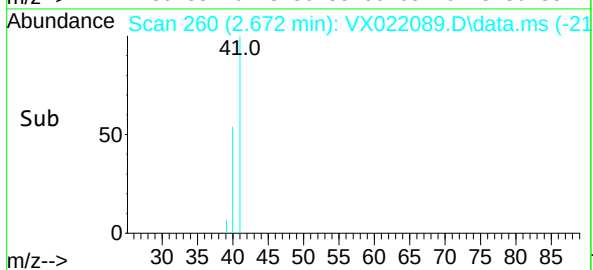
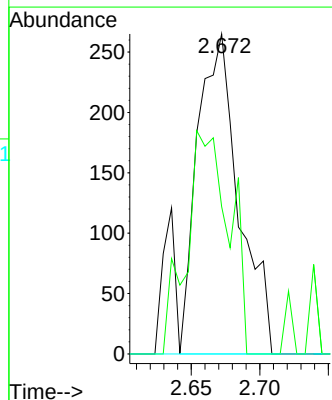
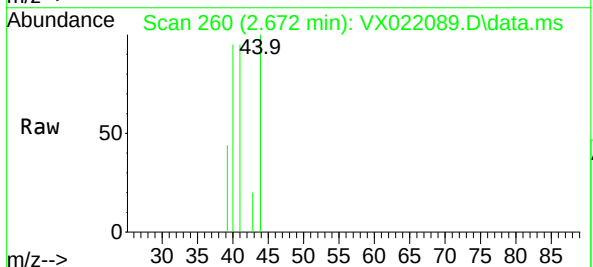
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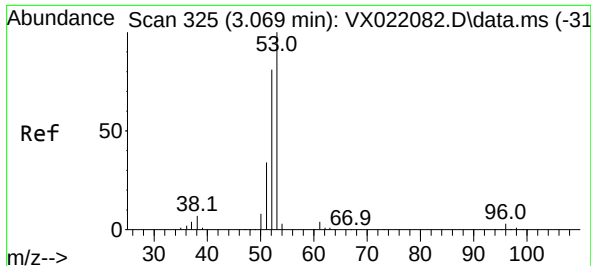
Tgt Ion: 56 Resp: 270
Ion Ratio Lower Upper
56 100
55 80.7 56.4 84.6



#14
Allyl chloride
Concen: 0.27 ug/l
RT: 2.672 min Scan# 260
Delta R.T. 0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion: 41 Resp: 557
Ion Ratio Lower Upper
41 100
39 72.0 51.6 77.4
76 0.0 30.5 45.7#

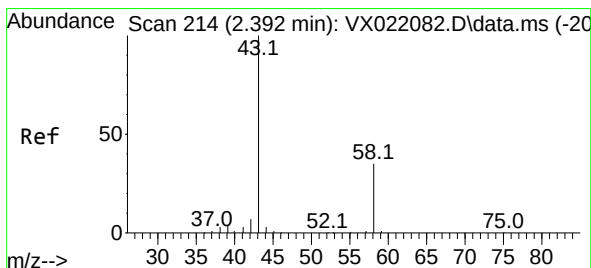
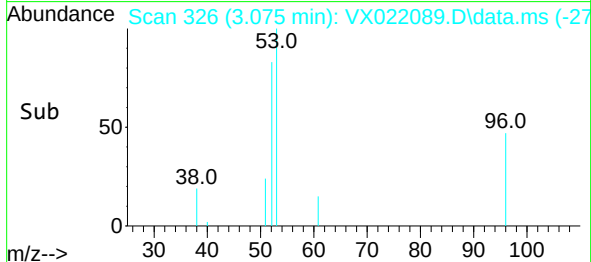
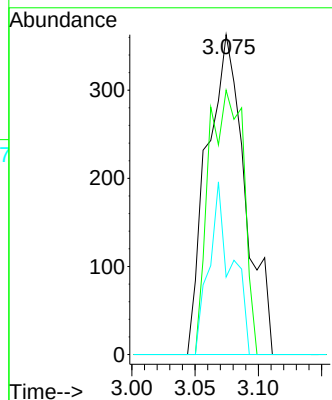
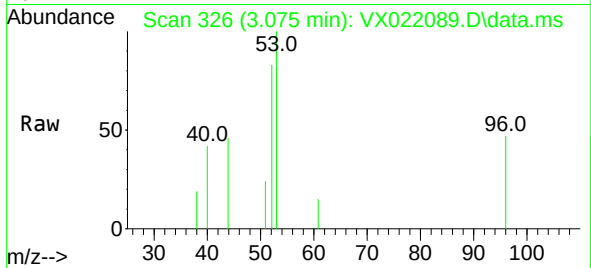




#15
Acrylonitrile
Concen: 1.13 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

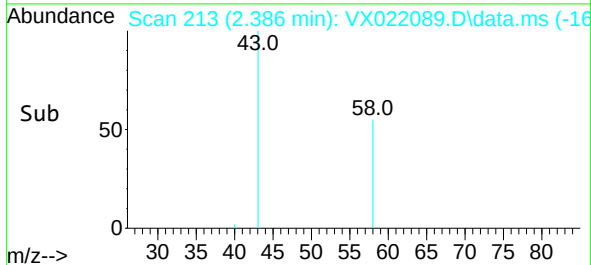
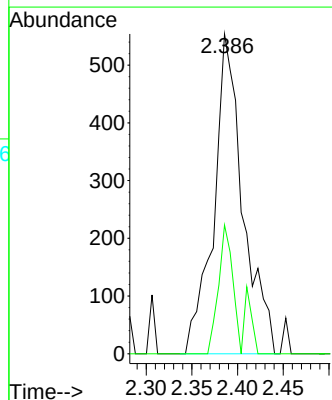
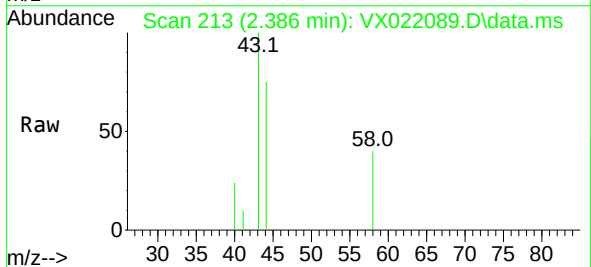
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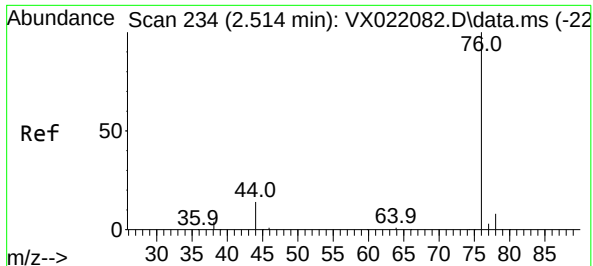
Tgt Ion: 53 Resp: 758
Ion Ratio Lower Upper
53 100
52 75.5 65.3 97.9
51 32.2 28.2 42.2



#16
Acetone
Concen: 1.91 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

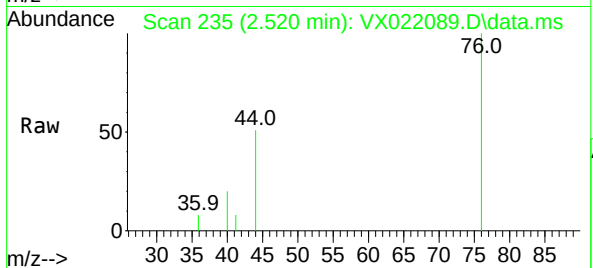
Tgt Ion: 43 Resp: 1232
Ion Ratio Lower Upper
43 100
58 40.3 27.8 41.8



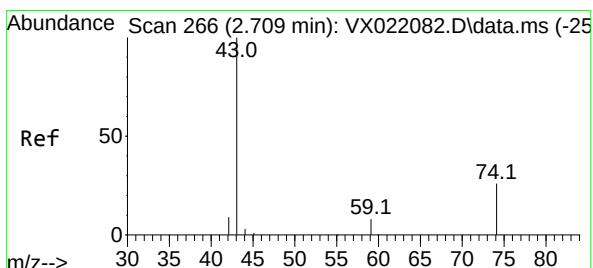
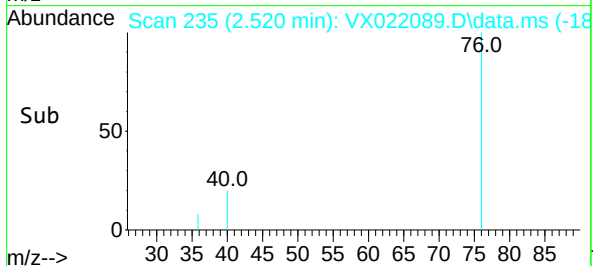
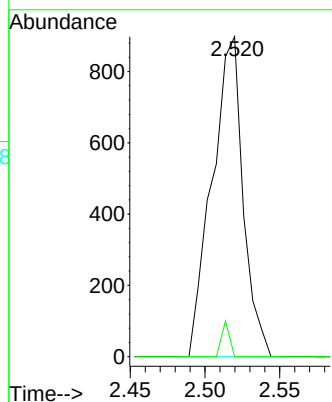


#17
Carbon Disulfide
Concen: 0.45 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
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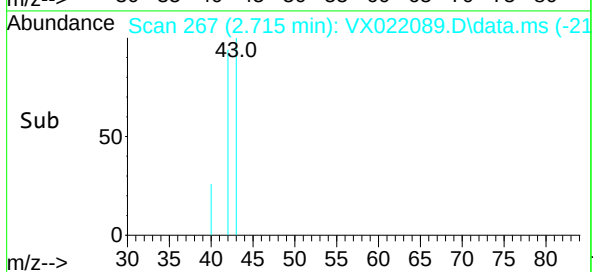
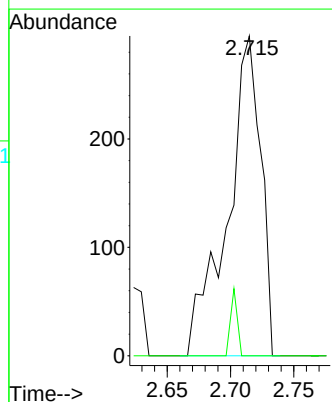
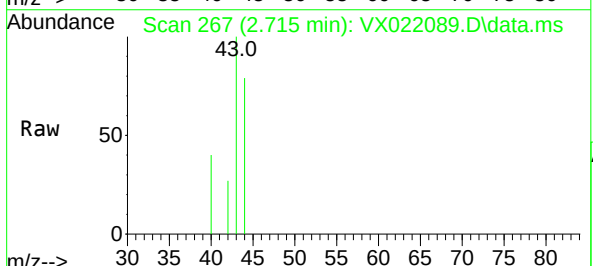


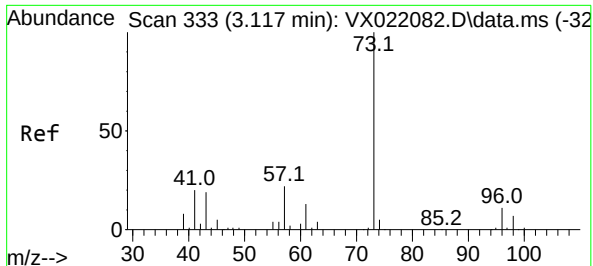
Tgt Ion: 76 Resp: 1295
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.31 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion: 43 Resp: 540
Ion Ratio Lower Upper
43 100
74 4.3 21.9 32.9#

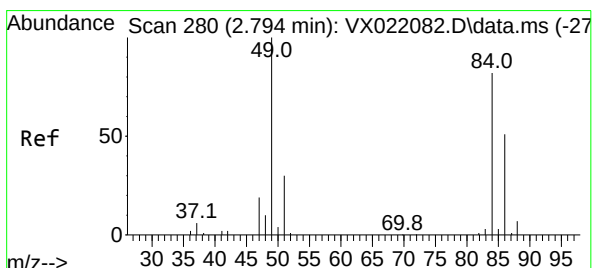
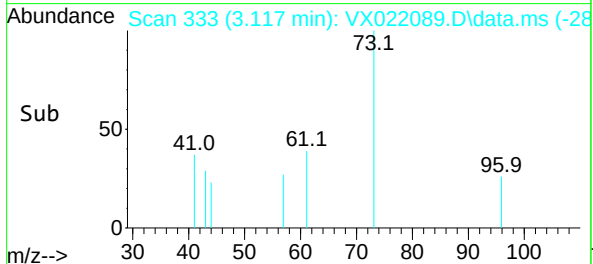
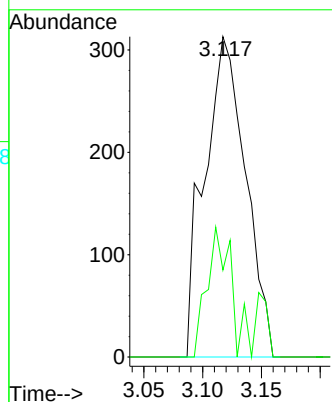
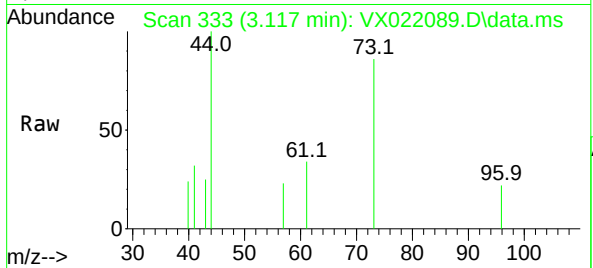




#19
Methyl tert-butyl Ether
Concen: 0.20 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

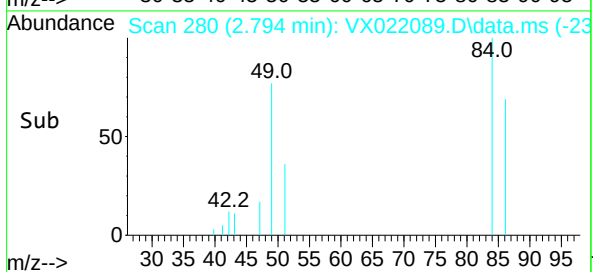
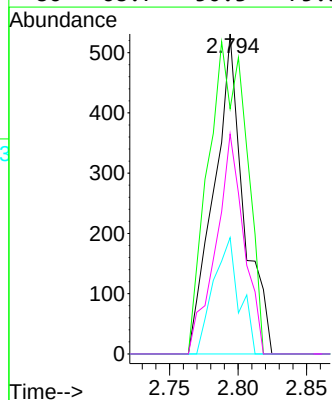
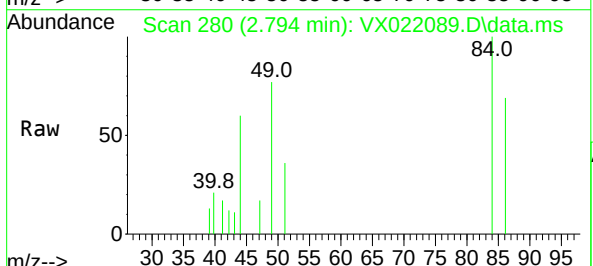
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

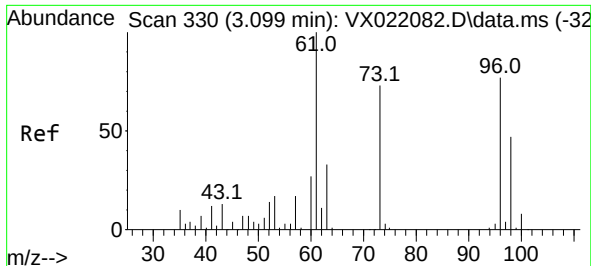
Tgt Ion: 73 Resp: 759
Ion Ratio Lower Upper
73 100
57 27.2 17.1 25.7#



#20
Methylene Chloride
Concen: 0.56 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion: 84 Resp: 798
Ion Ratio Lower Upper
84 100
49 76.6 88.6 132.8#
51 36.3 27.0 40.6
86 68.7 50.3 75.5

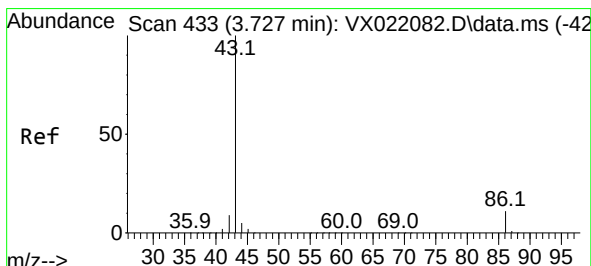
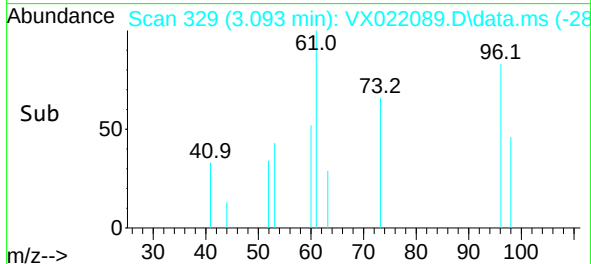
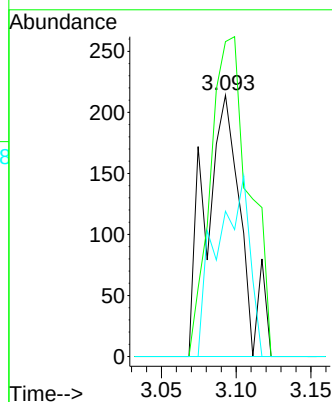
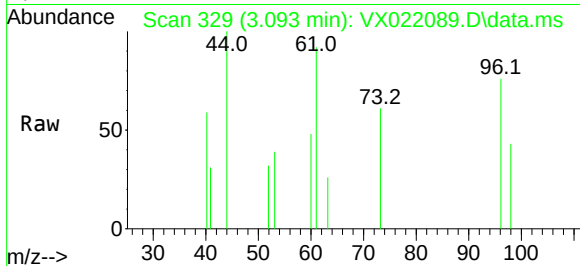




#21
trans-1,2-Dichloroethene
Concen: 0.30 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

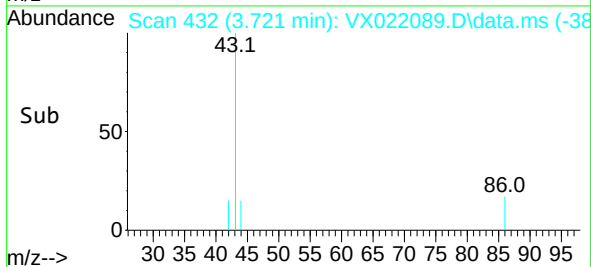
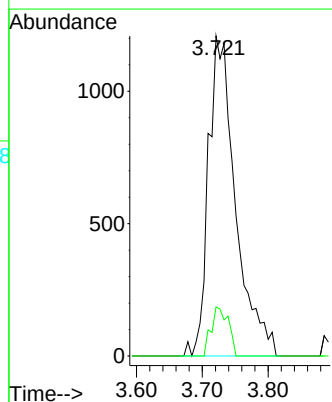
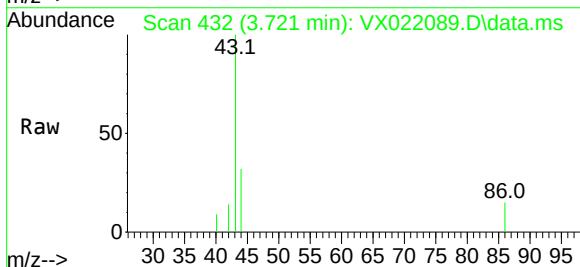
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

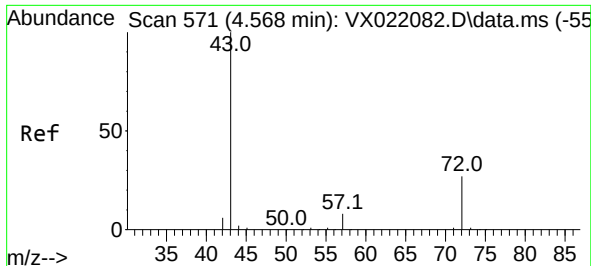
Tgt Ion: 96 Resp: 357
Ion Ratio Lower Upper
96 100
61 120.6 107.7 161.5
98 55.6 50.4 75.6



#23
Vinyl Acetate
Concen: 0.93 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion: 43 Resp: 3481
Ion Ratio Lower Upper
43 100
86 15.4 9.9 14.9#

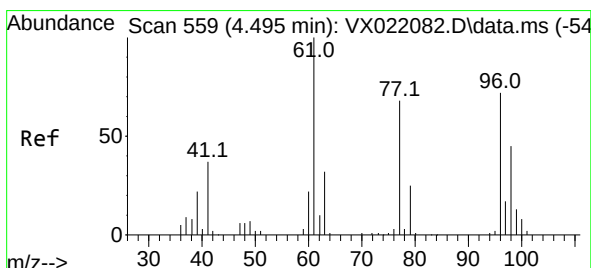
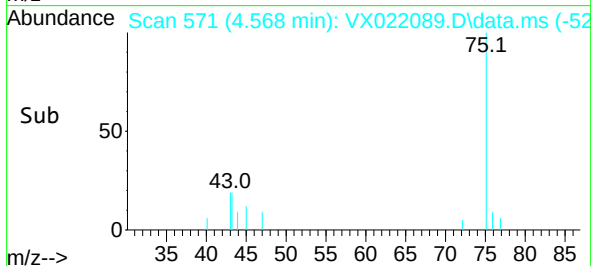
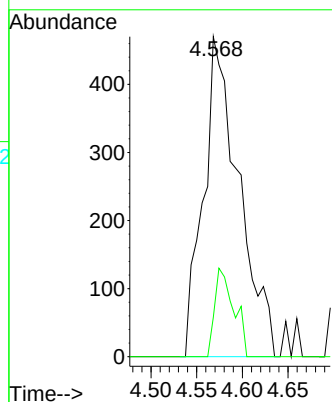
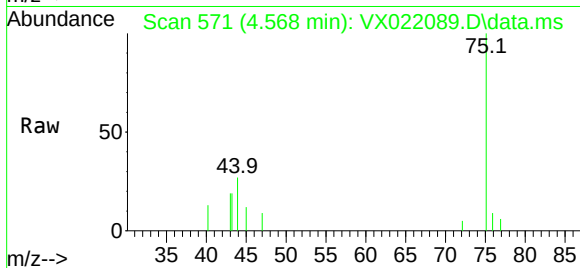




#25
2-Butanone
Concen: 1.21 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

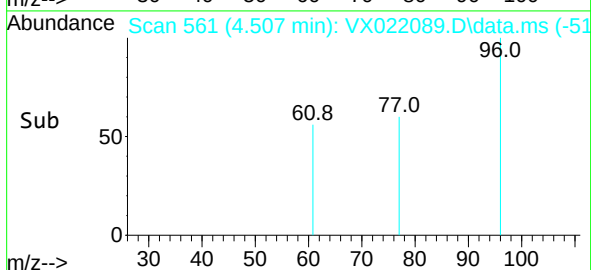
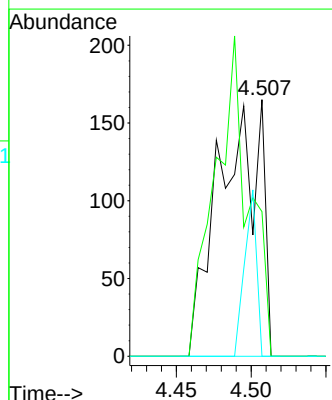
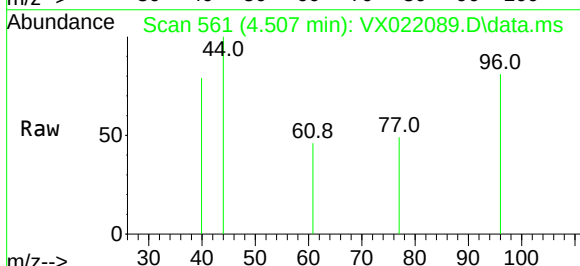
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

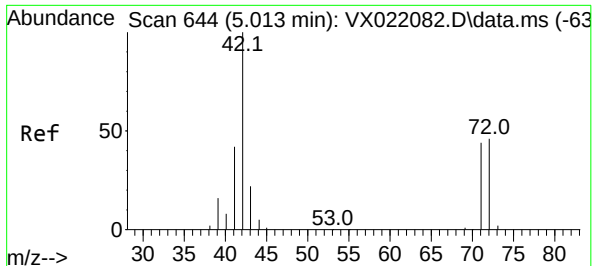
Tgt Ion: 43 Resp: 1266
Ion Ratio Lower Upper
43 100
72 12.3 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 0.22 ug/l
RT: 4.507 min Scan# 561
Delta R.T. 0.012 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion: 96 Resp: 322
Ion Ratio Lower Upper
96 100
61 100.3 0.0 285.6
98 18.6 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.93 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.019 min

Lab File: VX022089.D

Acq: 19 May 2021 15:50

Tgt Ion: 42 Resp: 577

Ion Ratio Lower Upper

42 100

72 17.2 41.7 62.5#

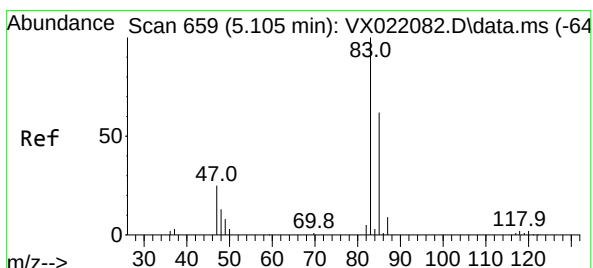
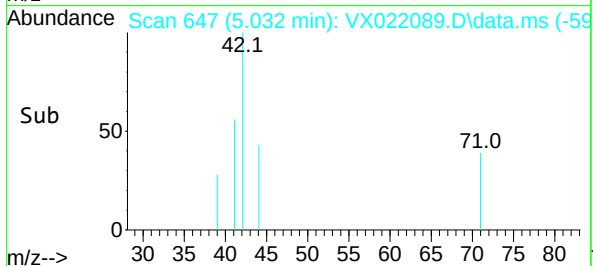
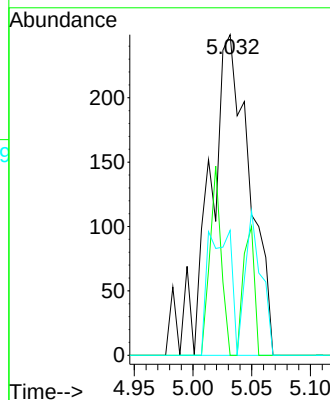
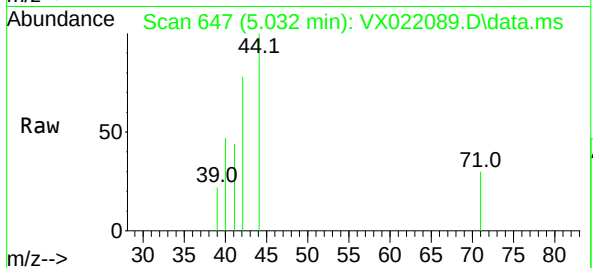
71 22.9 38.4 57.6#

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-SOIL-01-QT2-202



#30

Chloroform

Concen: 0.20 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX022089.D

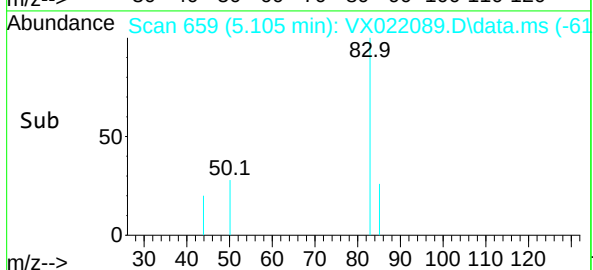
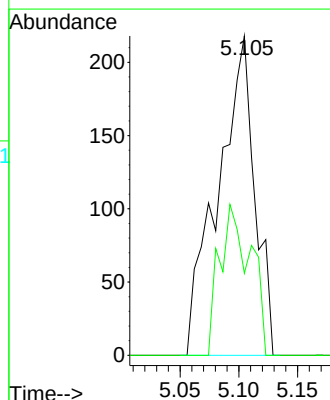
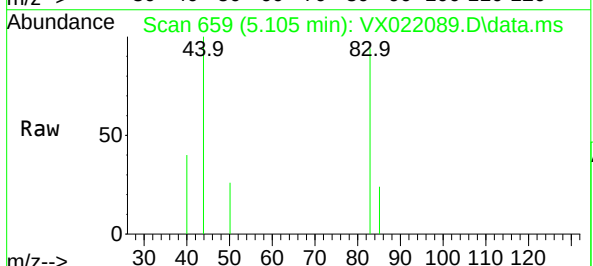
Acq: 19 May 2021 15:50

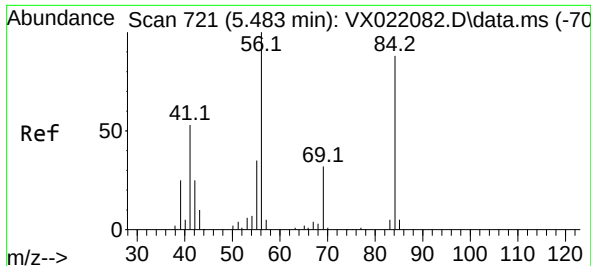
Tgt Ion: 83 Resp: 476

Ion Ratio Lower Upper

83 100

85 25.7 52.0 78.0#

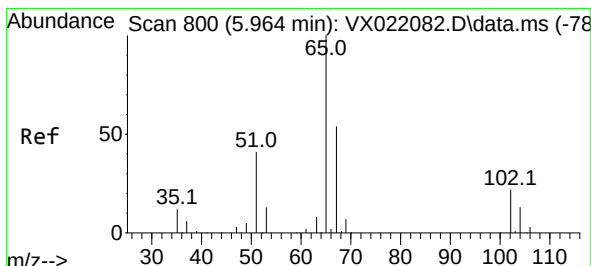
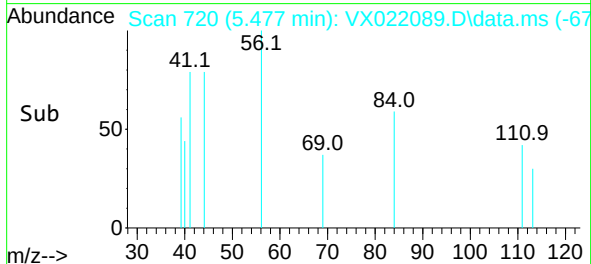
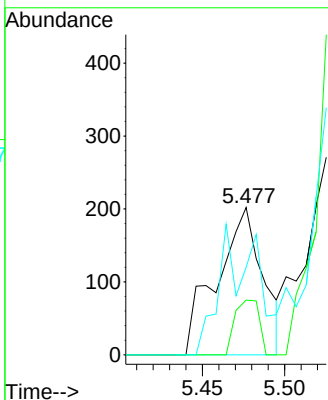
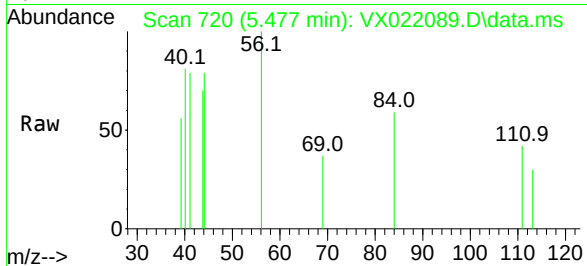




#31
Cyclohexane
Concen: 0.21 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

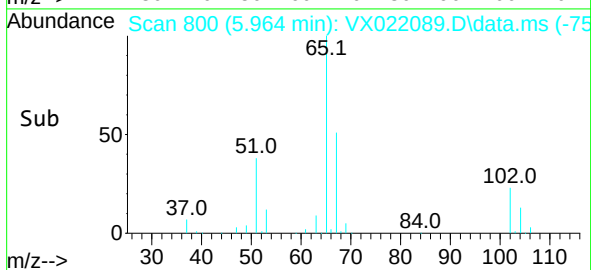
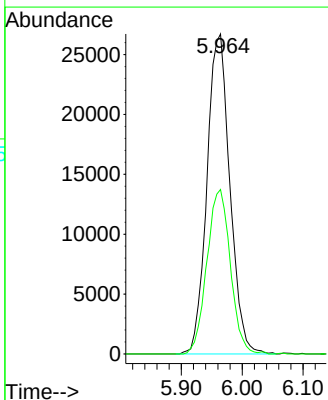
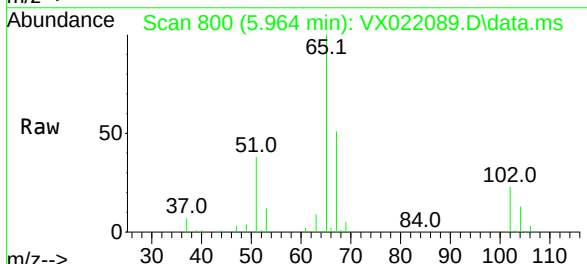
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

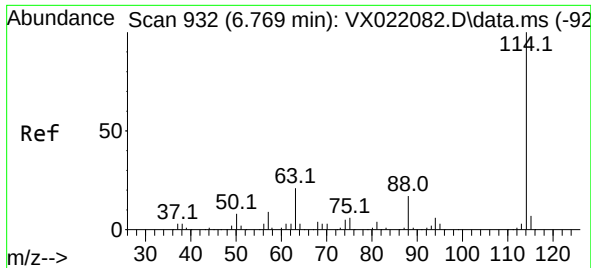
Tgt Ion: 56 Resp: 393
Ion Ratio Lower Upper
56 100
69 37.1 25.3 37.9
84 59.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.01 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion: 65 Resp: 69802
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.4

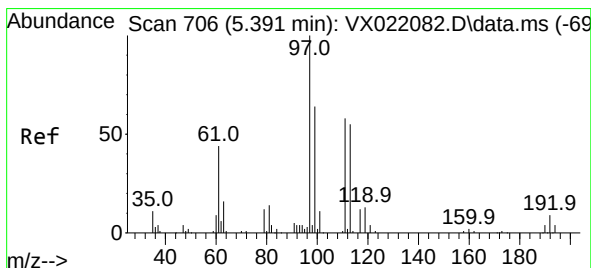
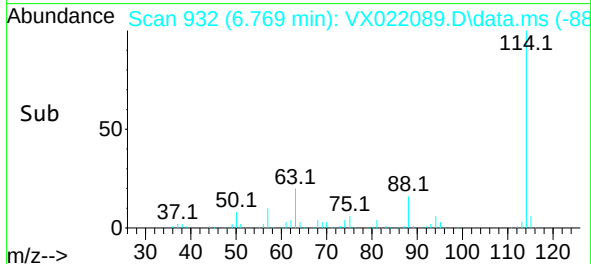
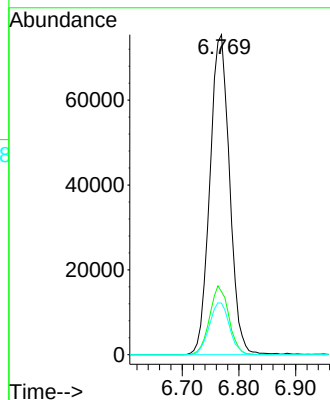
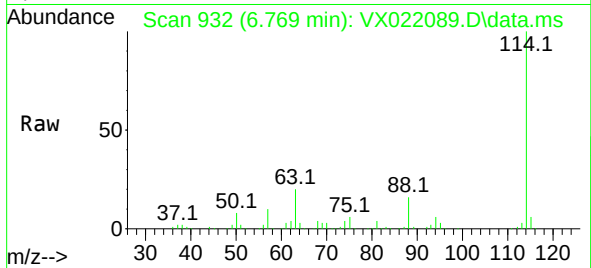




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

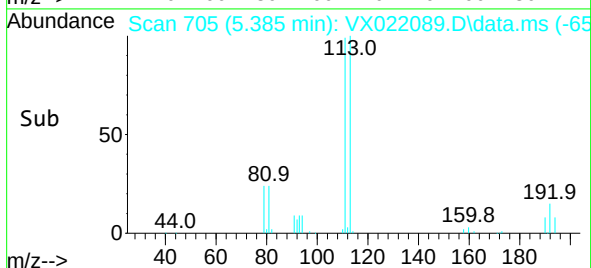
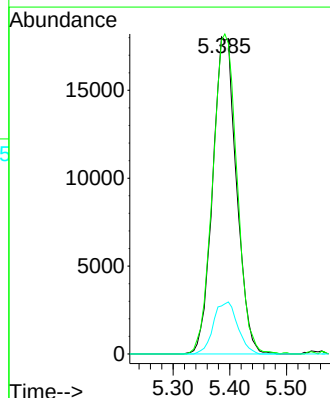
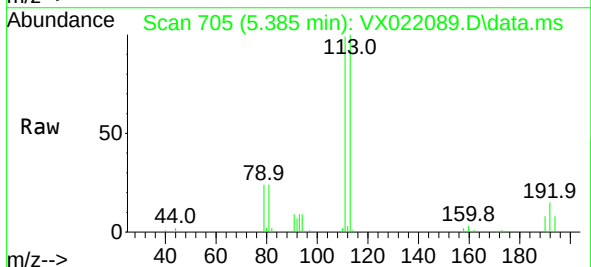
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

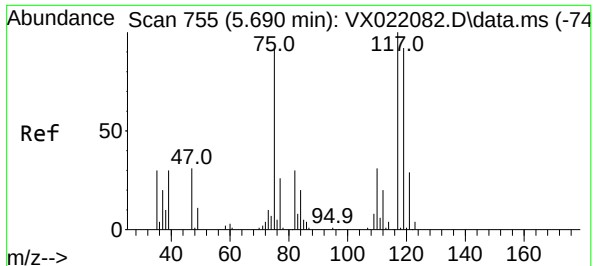
Tgt Ion:114 Resp: 181975
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 45.48 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

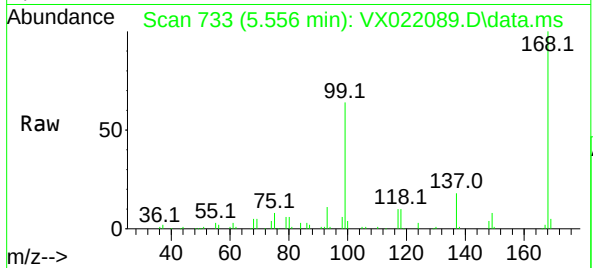
Tgt Ion:113 Resp: 52485
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 16.6 16.7 25.1#



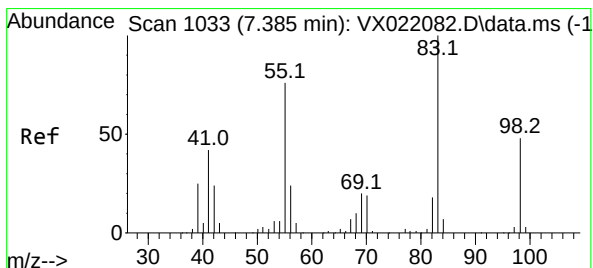
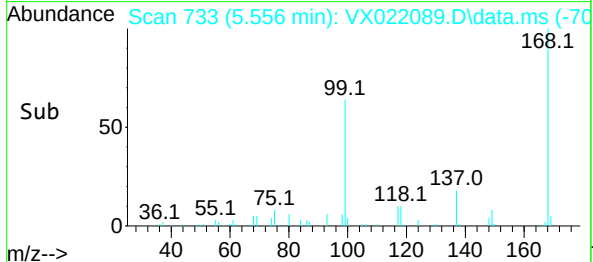
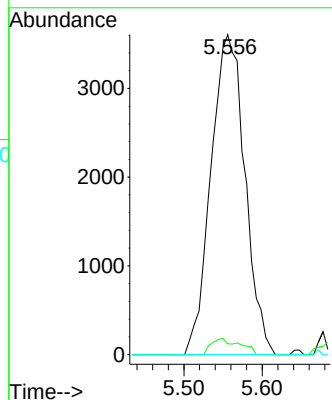


#38
Carbon Tetrachloride
Concen: 6.60 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

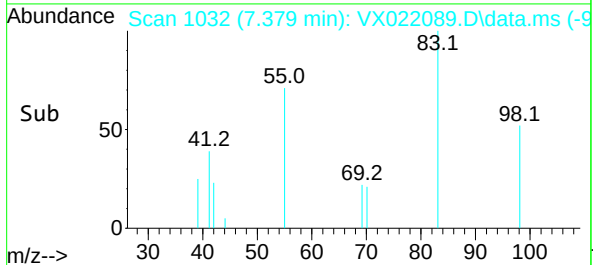
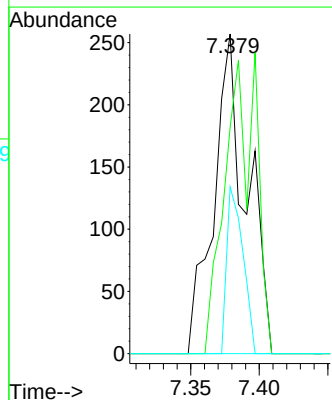
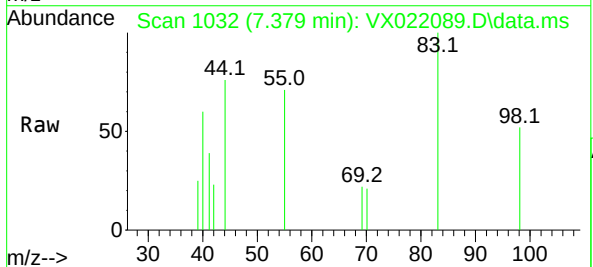


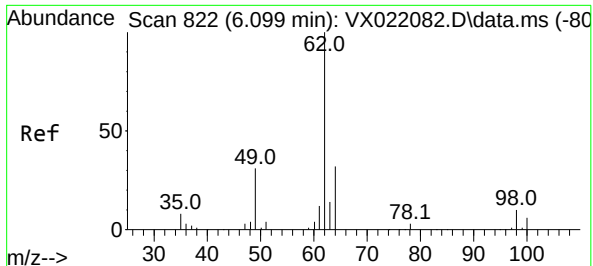
Tgt Ion: 117 Resp: 10862
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.22 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion: 83 Resp: 428
Ion Ratio Lower Upper
83 100
55 70.8 58.9 88.3
98 52.1 38.1 57.1





#42

1,2-Dichloroethane

Concen: 0.23 ug/l

RT: 6.086 min Scan# 820

Delta R.T. -0.013 min

Lab File: VX022089.D

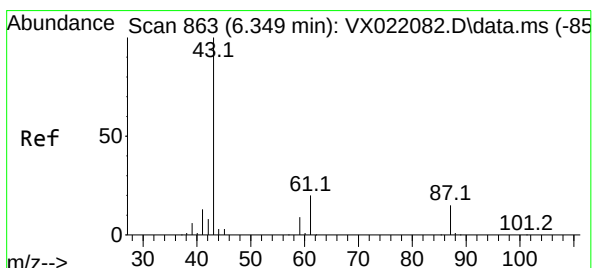
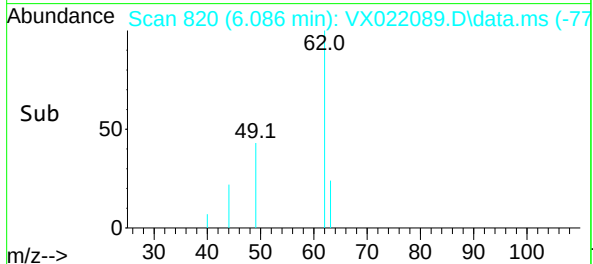
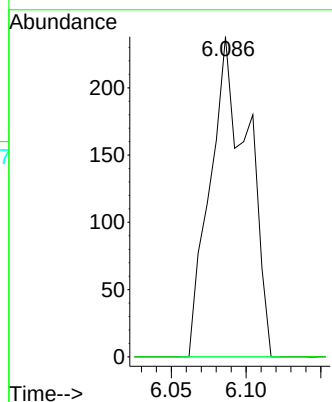
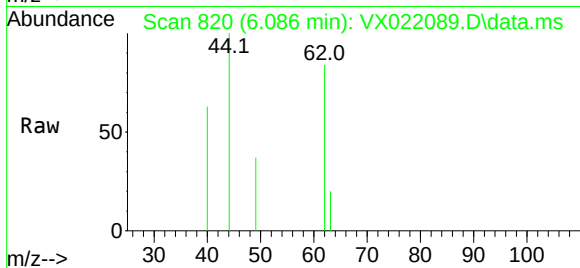
Acq: 19 May 2021 15:50

Tgt Ion: 62 Resp: 421

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#43

Isopropyl Acetate

Concen: 0.20 ug/l

RT: 6.348 min Scan# 863

Delta R.T. -0.001 min

Lab File: VX022089.D

Acq: 19 May 2021 15:50

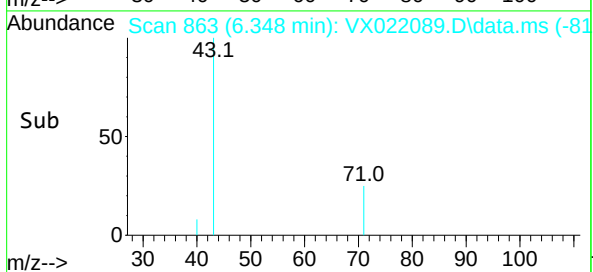
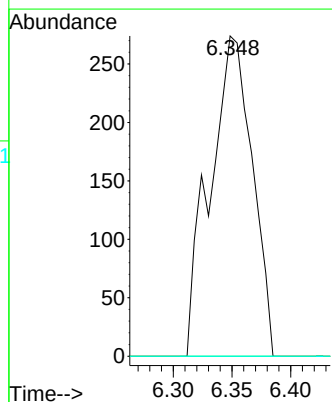
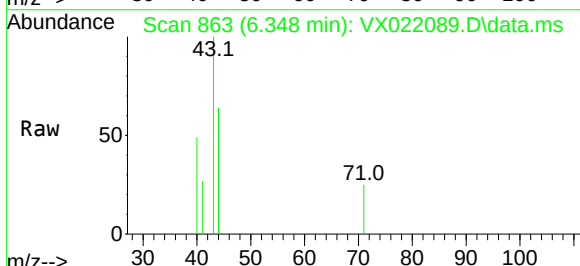
Tgt Ion: 43 Resp: 688

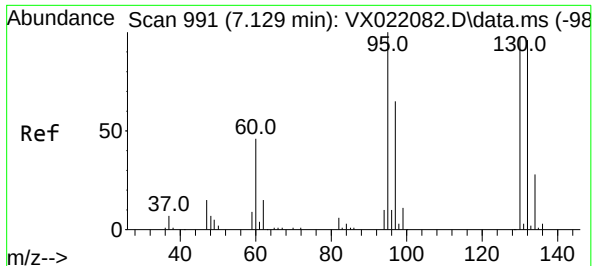
Ion Ratio Lower Upper

43 100

61 0.0 18.2 27.4#

87 0.0 12.5 18.7#

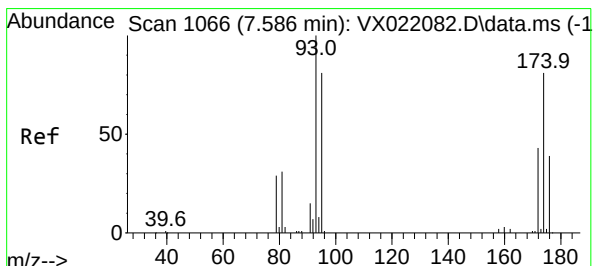
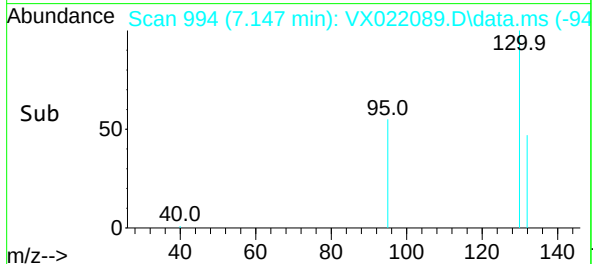
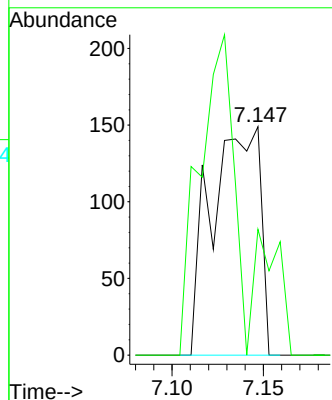
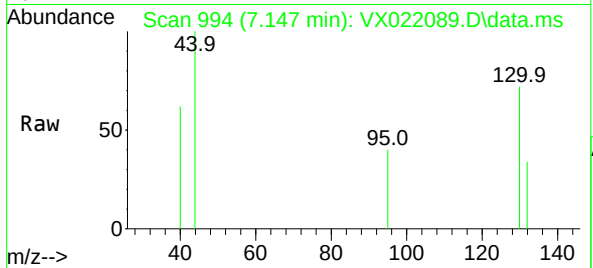




#44
Trichloroethene
Concen: 0.22 ug/l
RT: 7.147 min Scan# 994
Delta R.T. 0.018 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

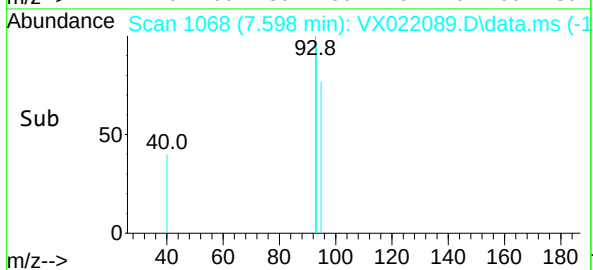
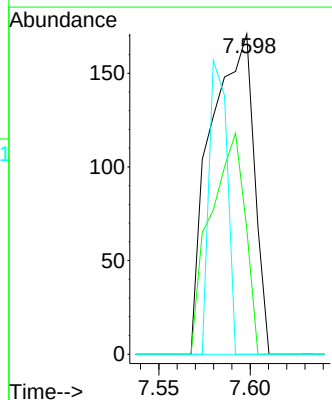
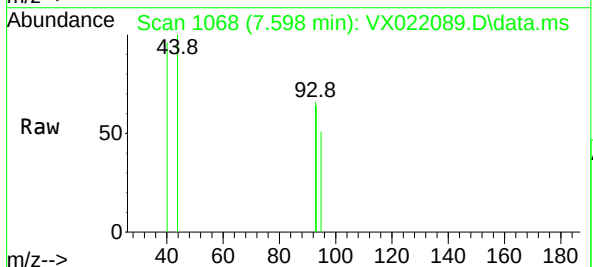
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

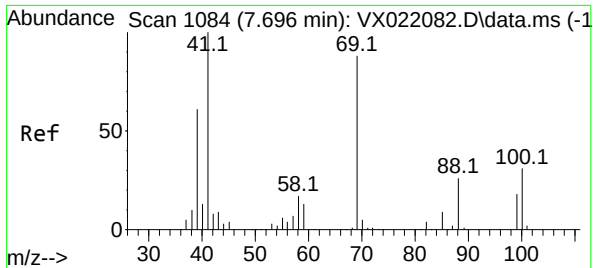
Tgt Ion:130 Resp: 277
Ion Ratio Lower Upper
130 100
95 55.0 0.0 198.0



#46
Dibromomethane
Concen: 0.31 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. 0.012 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion: 93 Resp: 281
Ion Ratio Lower Upper
93 100
95 55.5 66.8 100.2#
174 38.4 83.1 124.7#

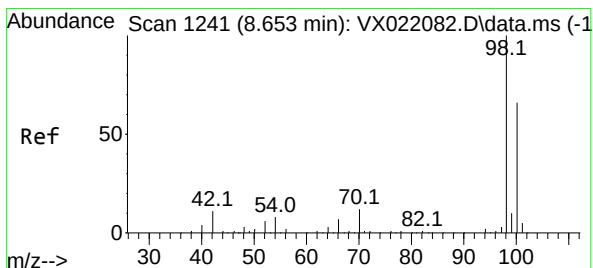
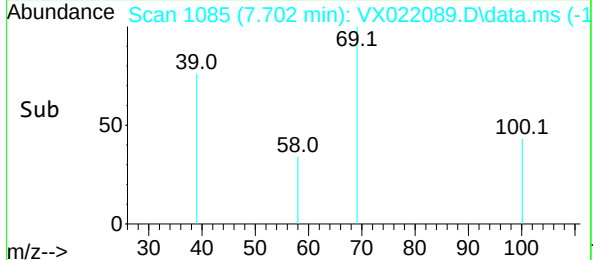
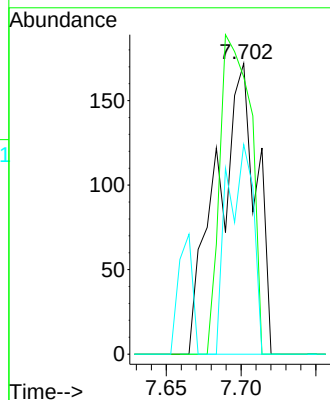
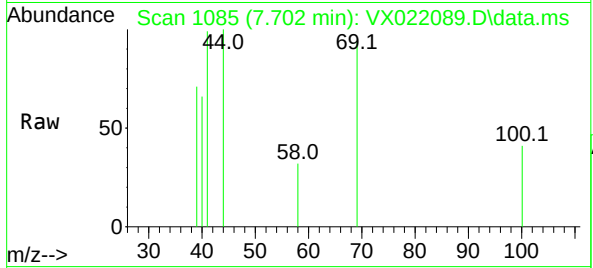




#48
Methyl methacrylate
Concen: 0.20 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

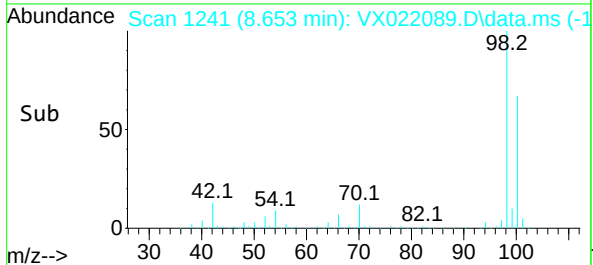
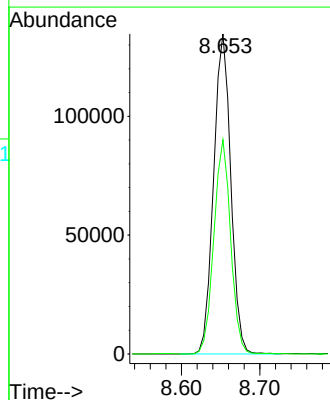
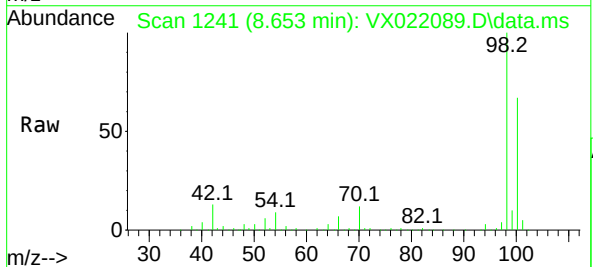
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

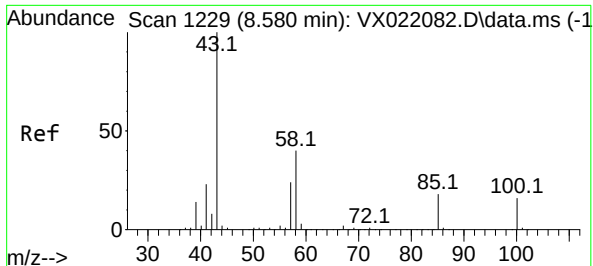
Tgt Ion:	41	Resp:	315
Ion	Ratio	Lower	Upper
41	100		
69	85.7	76.0	114.0
39	47.6	44.6	67.0



#50
Toluene-d8
Concen: 46.15 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion:	98	Resp:	205154
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.9	77.9

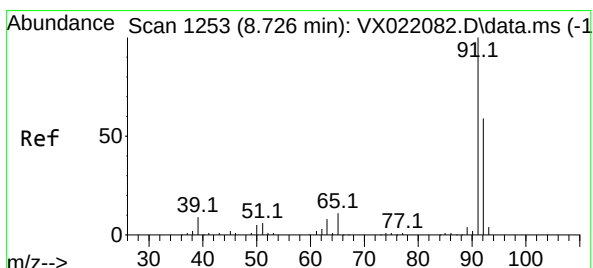
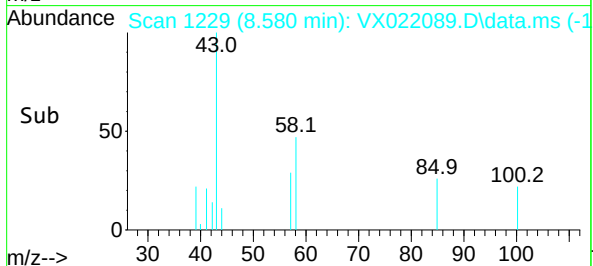
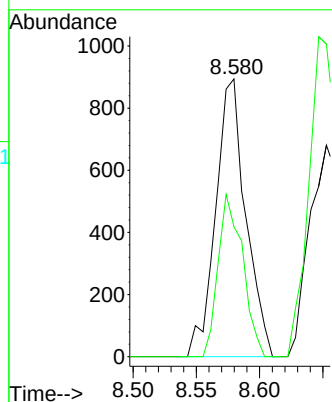
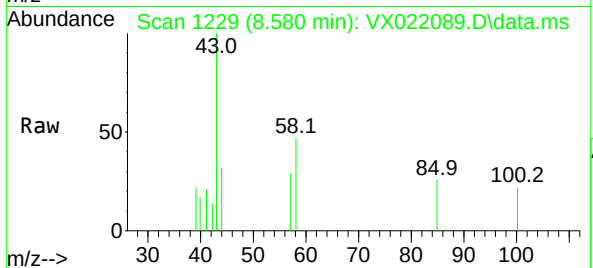




#51
4-Methyl-2-Pentanone
Concen: 0.73 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

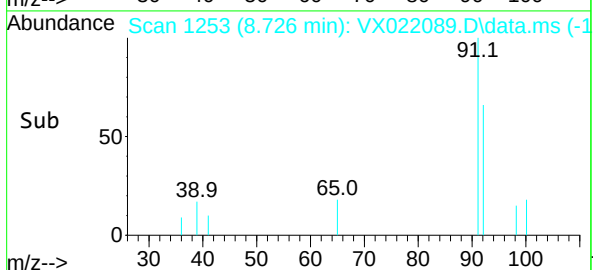
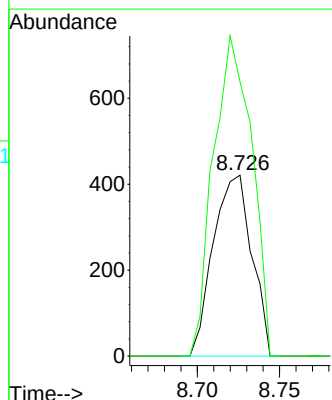
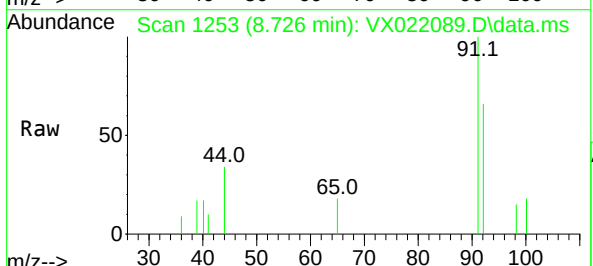
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

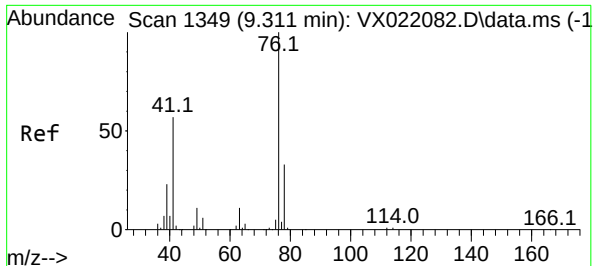
Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
58 47.5 35.4 53.0



#52
Toluene
Concen: 0.21 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion: 92 Resp: 686
Ion Ratio Lower Upper
92 100
91 177.0 137.1 205.7



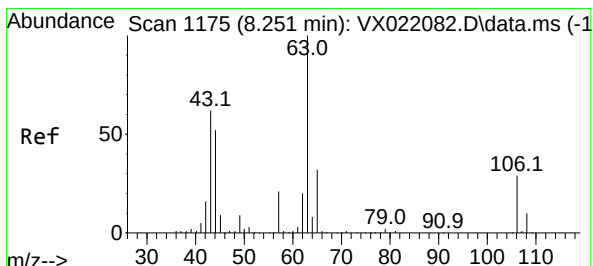
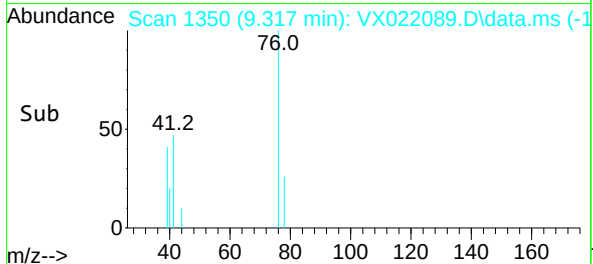
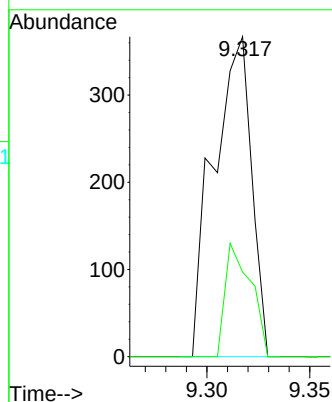
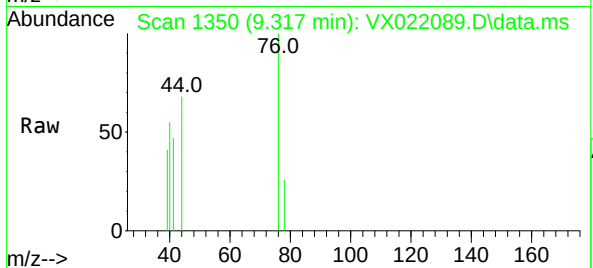


#57

1,3-Dichloropropane
Concen: 0.21 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

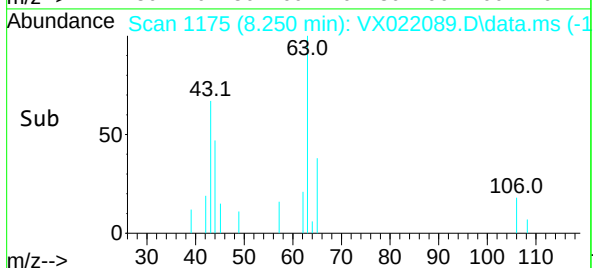
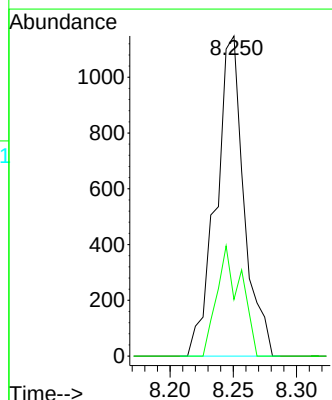
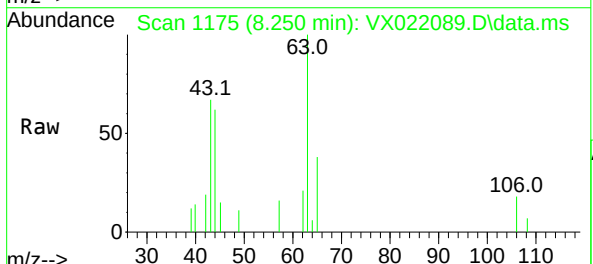
Tgt Ion: 76 Resp: 472
Ion Ratio Lower Upper
76 100
78 23.9 26.2 39.2#

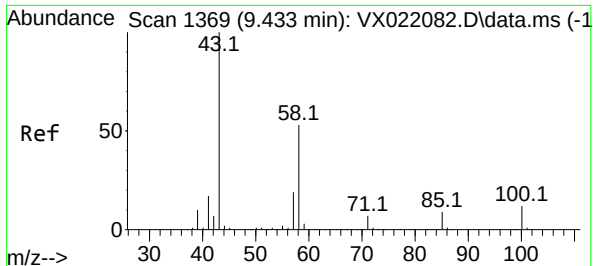


#58

2-Chloroethyl Vinyl ether
Concen: 1.51 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. -0.001 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion: 63 Resp: 1759
Ion Ratio Lower Upper
63 100
106 29.7 23.5 35.3





#59

2-Hexanone

Concen: 1.03 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX022089.D

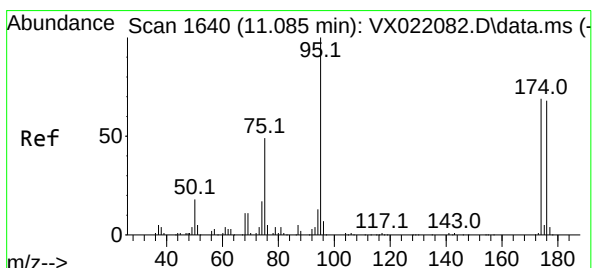
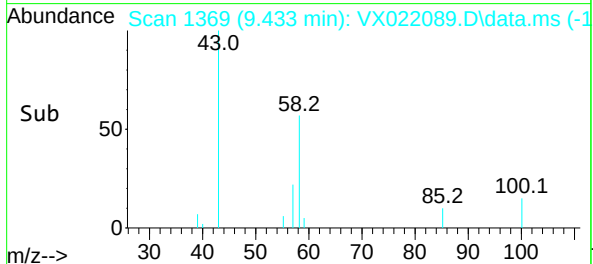
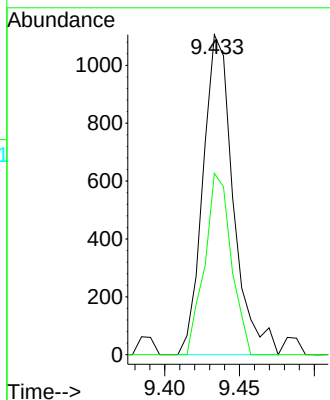
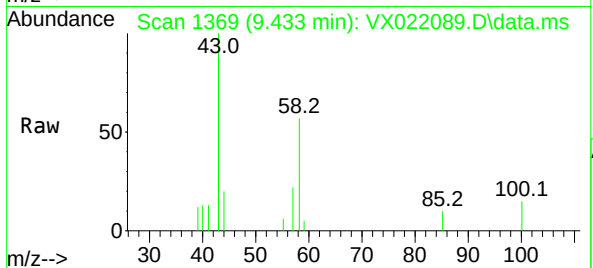
Acq: 19 May 2021 15:50

Tgt Ion: 43 Resp: 1559

Ion Ratio Lower Upper

43 100

58 49.5 30.9 92.8



#62

4-Bromofluorobenzene

Concen: 46.18 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX022089.D

Acq: 19 May 2021 15:50

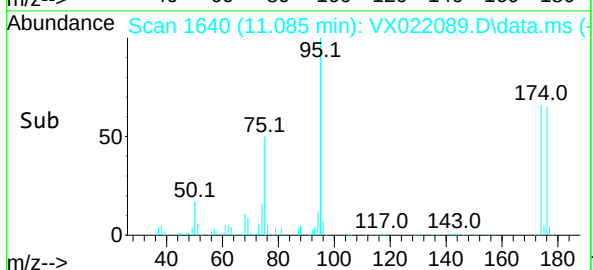
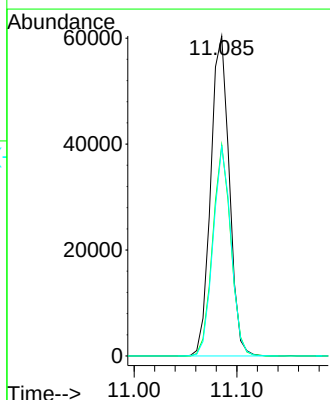
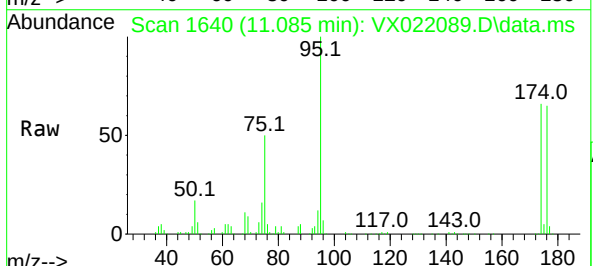
Tgt Ion: 95 Resp: 75870

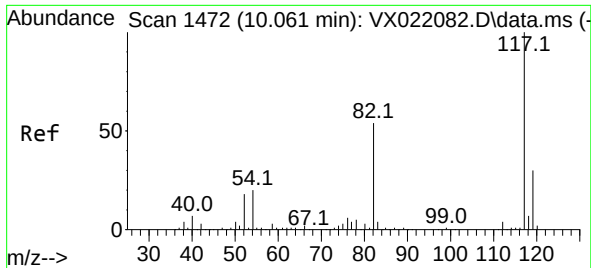
Ion Ratio Lower Upper

95 100

174 64.2 0.0 154.6

176 63.3 0.0 155.8

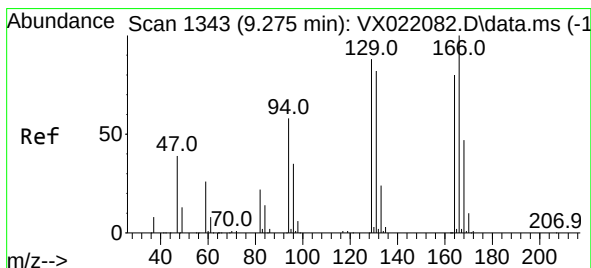
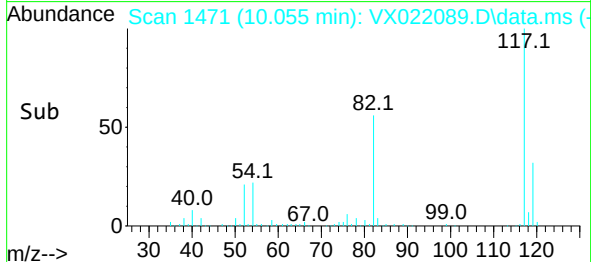
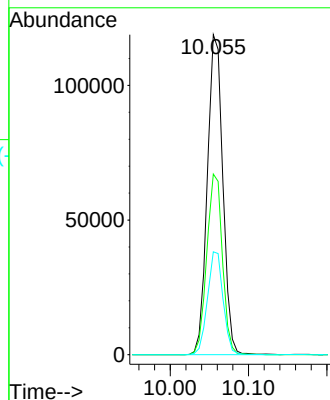
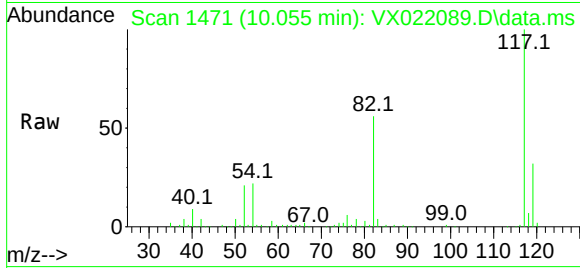




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

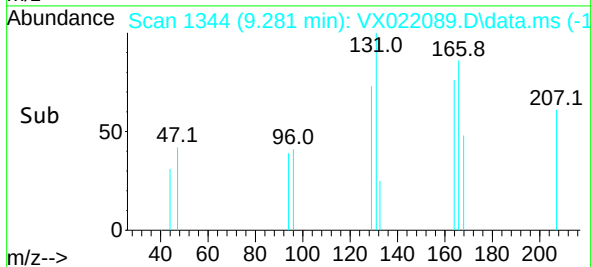
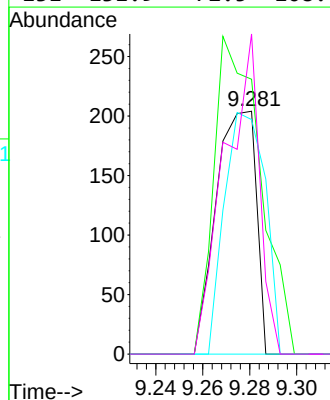
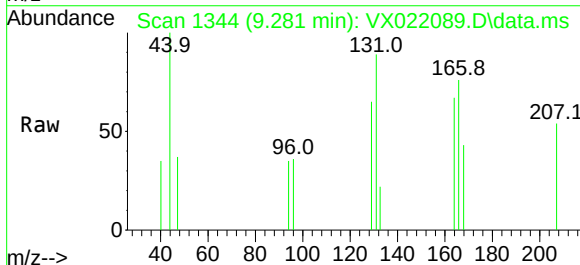
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

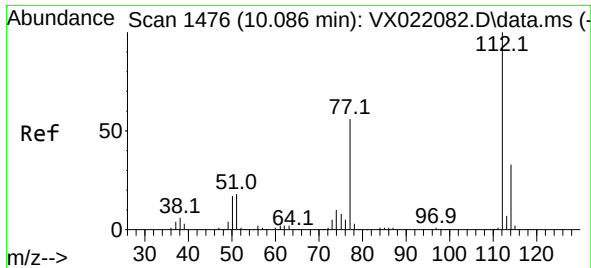
Tgt Ion:117 Resp: 163142
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 32.2 26.6 39.8



#64
Tetrachloroethene
Concen: 0.23 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion:164 Resp: 241
Ion Ratio Lower Upper
164 100
166 113.2 103.4 155.2
129 96.6 70.8 106.2
131 131.9 72.5 108.7#

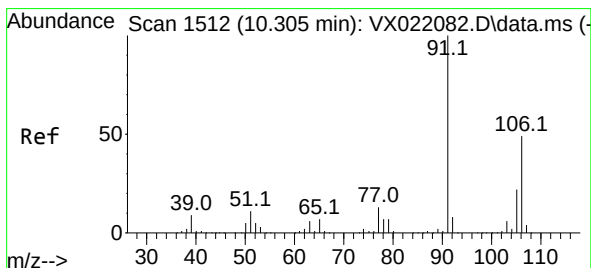
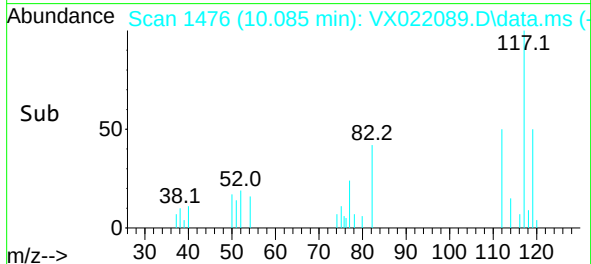
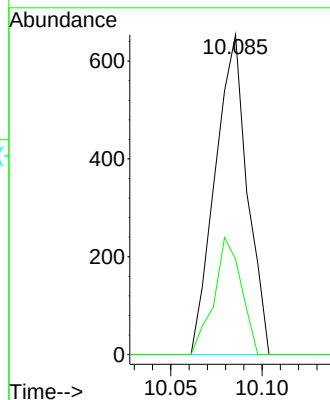
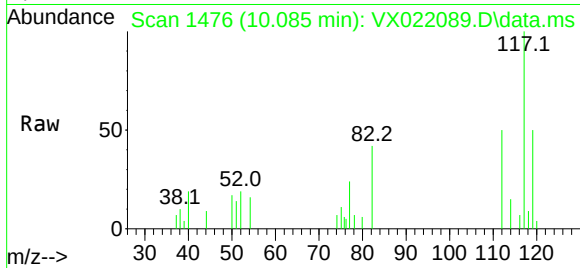




#65
Chlorobenzene
Concen: 0.24 ug/l
RT: 10.085 min Scan# 1476
Delta R.T. -0.001 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

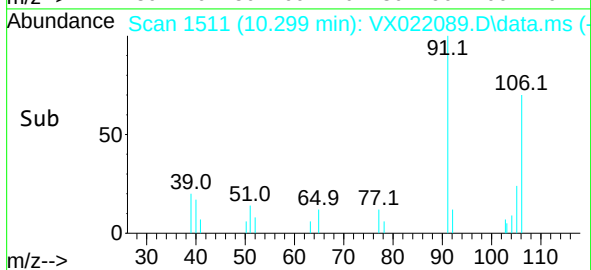
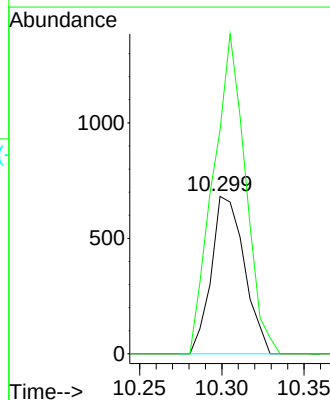
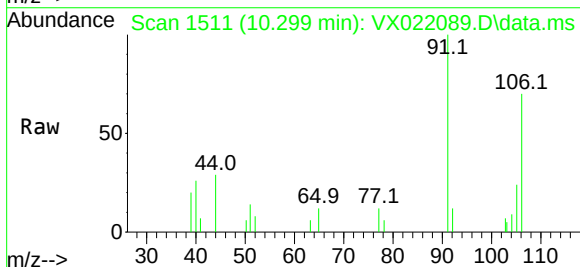
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

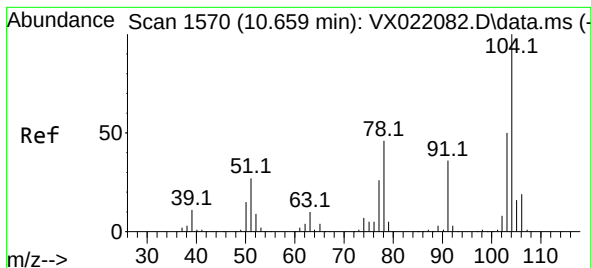
Tgt Ion:112 Resp: 801
Ion Ratio Lower Upper
112 100
114 29.8 25.8 38.6



#68
m/p-Xylenes
Concen: 0.40 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion:106 Resp: 954
Ion Ratio Lower Upper
106 100
91 198.0 162.8 244.2





#70

Styrene

Concen: 0.21 ug/l

RT: 10.659 min Scan# 1570

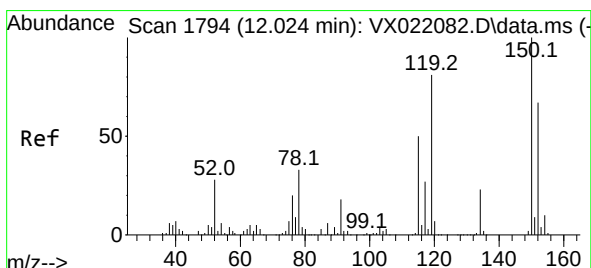
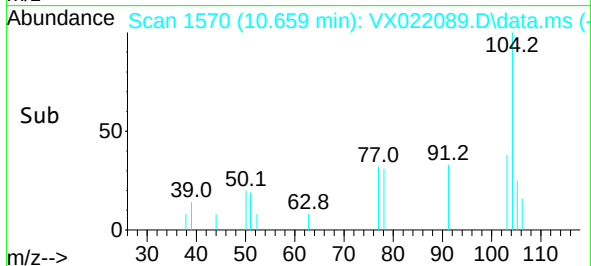
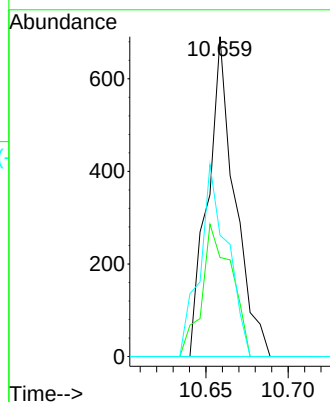
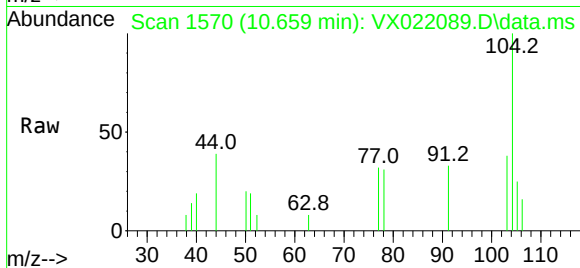
Delta R.T. -0.000 min

Lab File: VX022089.D

Acq: 19 May 2021 15:50

Tgt Ion:	104	Resp:	789
Ion	Ratio	Lower	Upper
104	100		
78	45.1	40.0	60.0
103	60.7	43.4	65.0

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

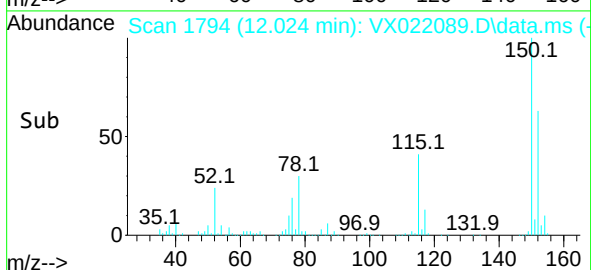
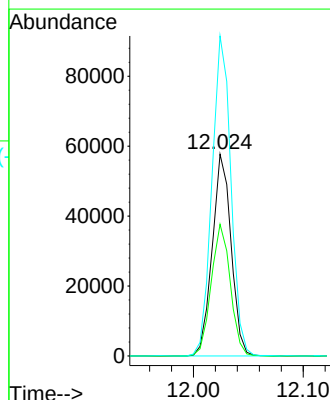
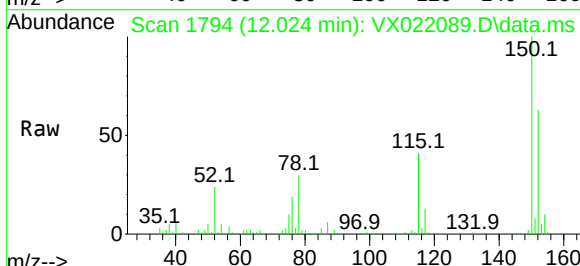
RT: 12.024 min Scan# 1794

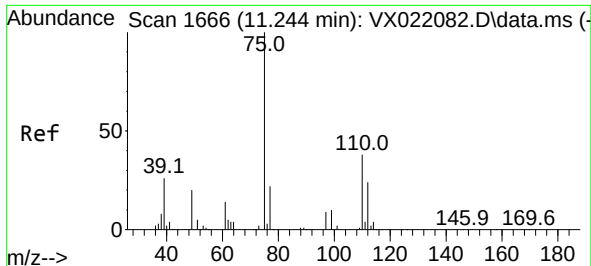
Delta R.T. 0.000 min

Lab File: VX022089.D

Acq: 19 May 2021 15:50

Tgt Ion:	152	Resp:	69107
Ion	Ratio	Lower	Upper
152	100		
115	65.9	41.1	123.3
150	159.1	0.0	349.0

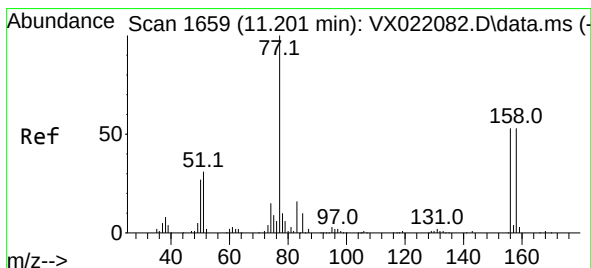
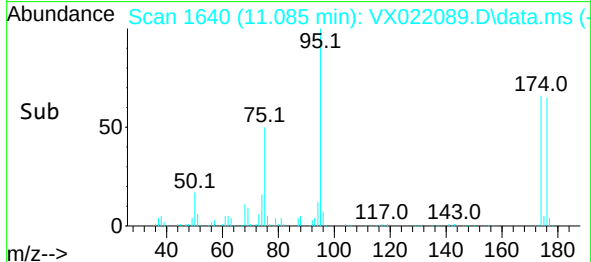
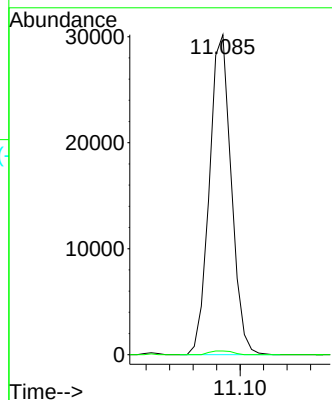
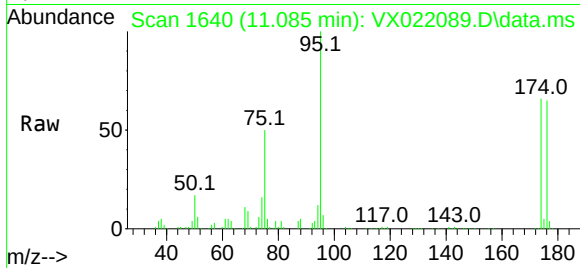




#76
1,2,3-Trichloropropane
Concen: 22.91 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

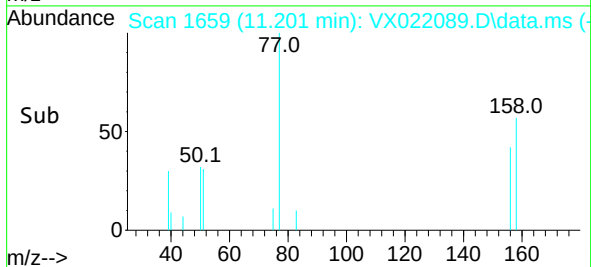
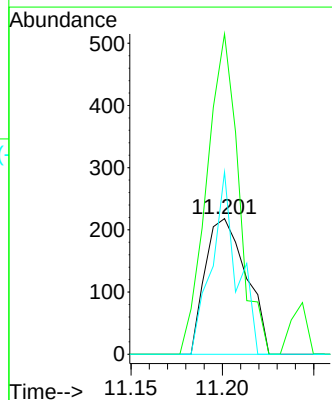
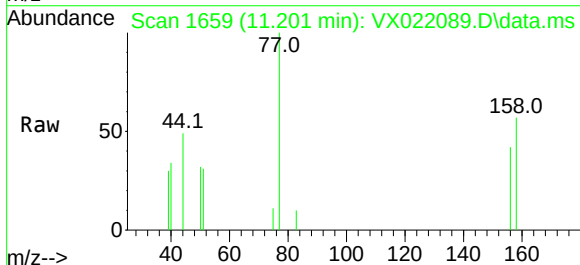
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

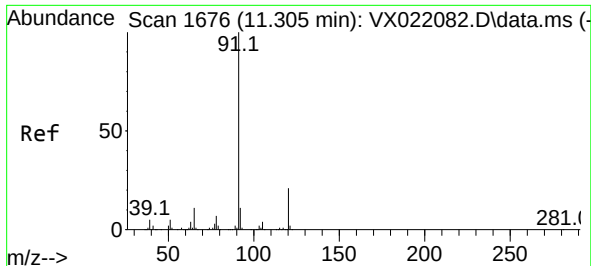
Tgt Ion: 75 Resp: 39060
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#77
Bromobenzene
Concen: 0.27 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion: 156 Resp: 341
Ion Ratio Lower Upper
156 100
77 183.9 82.8 248.6
158 83.6 49.1 147.4

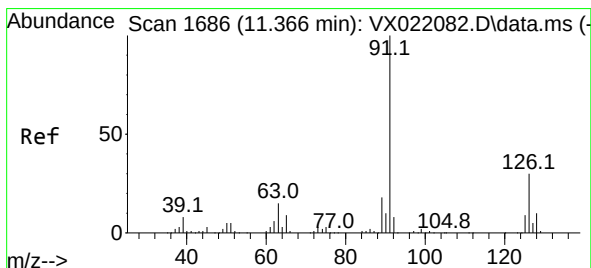
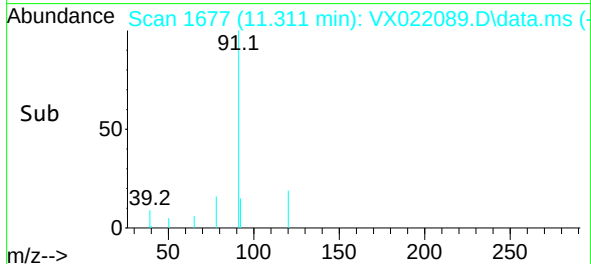
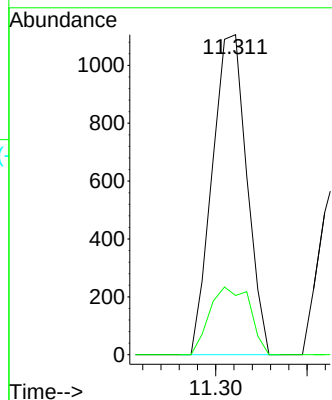
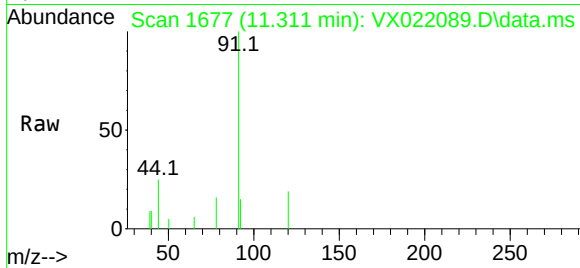




#78
n-propylbenzene
Concen: 0.21 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

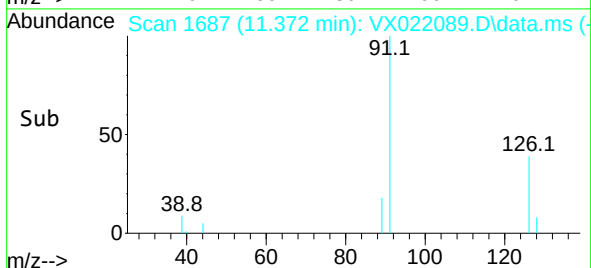
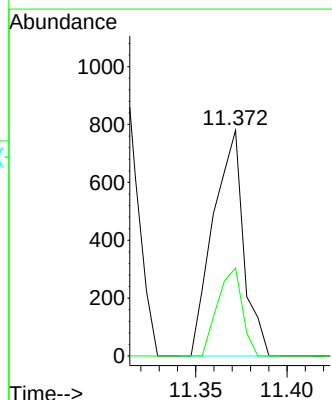
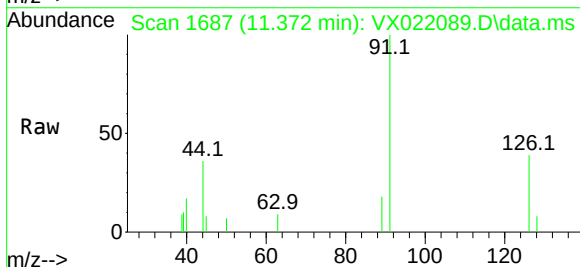
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

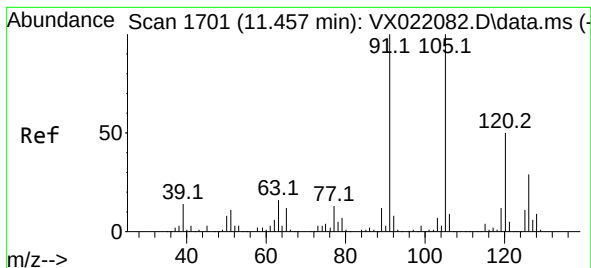
Tgt Ion: 91 Resp: 1454
Ion Ratio Lower Upper
91 100
120 24.6 11.5 34.5



#79
2-Chlorotoluene
Concen: 0.22 ug/l
RT: 11.372 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion: 91 Resp: 906
Ion Ratio Lower Upper
91 100
126 31.5 16.6 49.8





#80

1,3,5-Trimethylbenzene

Concen: 0.21 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX022089.D

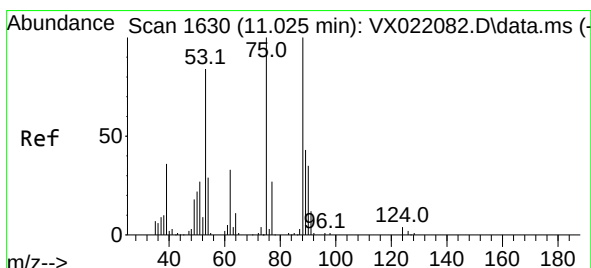
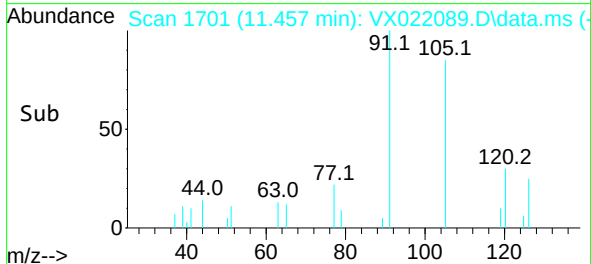
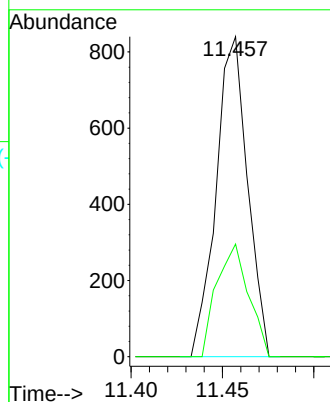
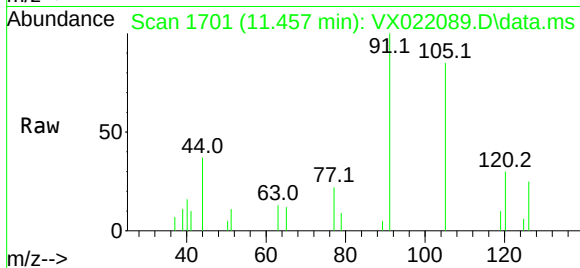
Acq: 19 May 2021 15:50

Tgt Ion: 105 Resp: 1006

Ion Ratio Lower Upper

105 100

120 35.8 23.8 71.5



#81

trans-1,4-Dichloro-2-butene

Concen: 54.28 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.060 min

Lab File: VX022089.D

Acq: 19 May 2021 15:50

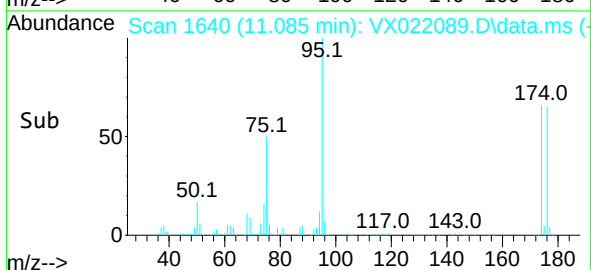
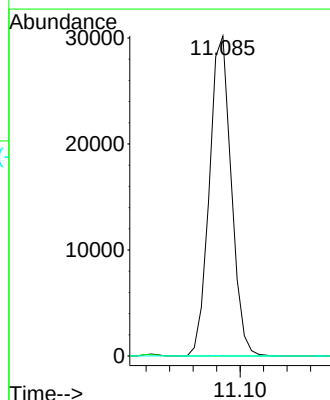
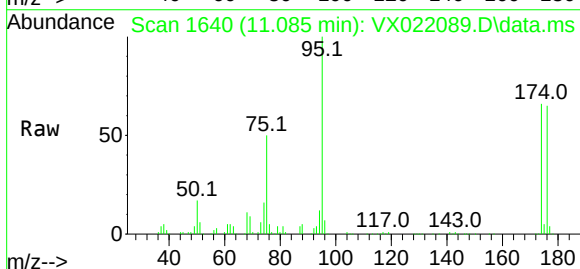
Tgt Ion: 75 Resp: 39060

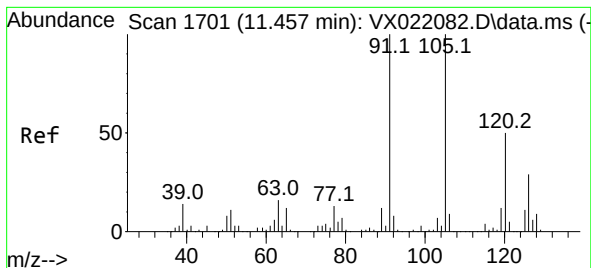
Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.1 37.9 56.9#

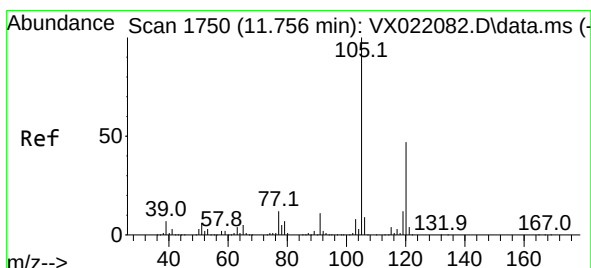
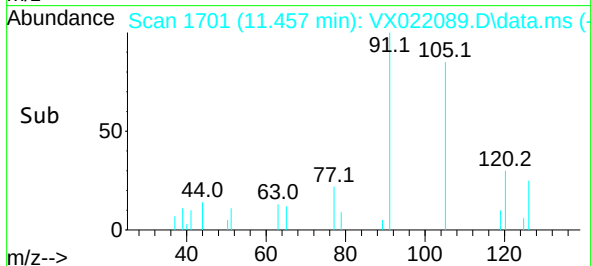
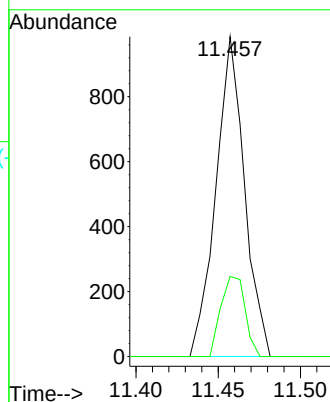
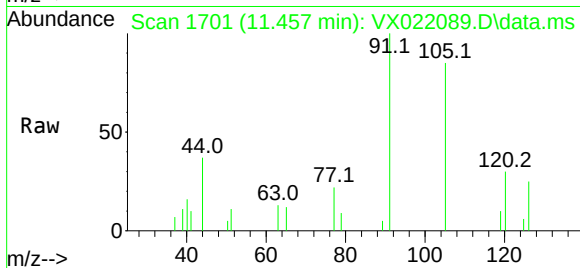




#82
4-Chlorotoluene
Concen: 0.25 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

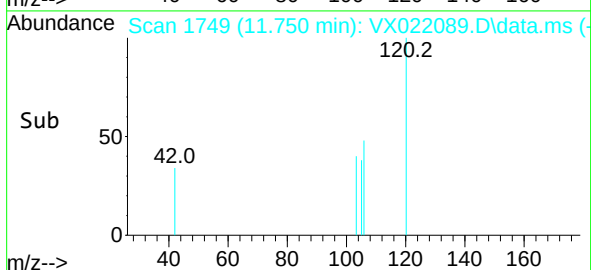
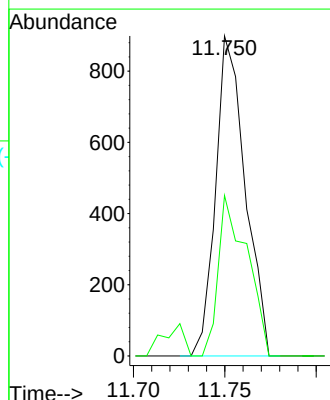
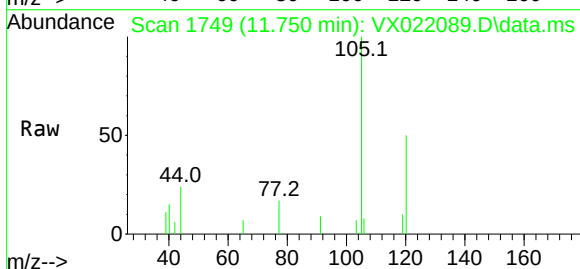
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

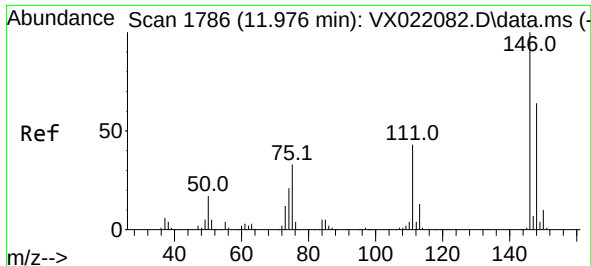
Tgt Ion: 91 Resp: 1191
Ion Ratio Lower Upper
91 100
126 21.2 14.9 44.5



#84
1,2,4-Trimethylbenzene
Concen: 0.21 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion: 105 Resp: 1012
Ion Ratio Lower Upper
105 100
120 48.7 22.4 67.3

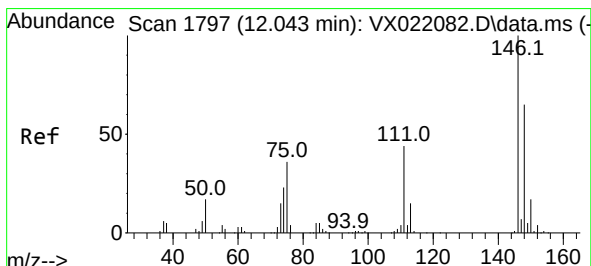
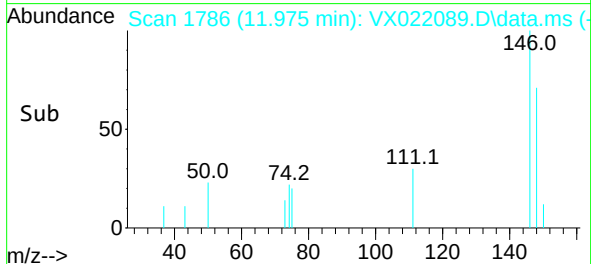
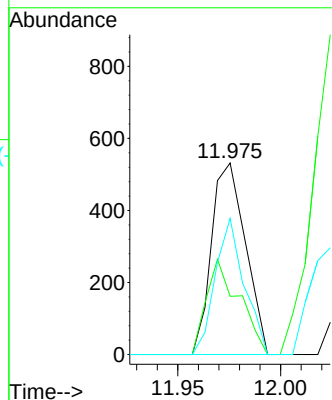
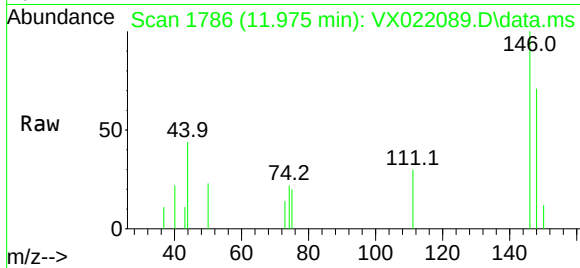




#87
 1,3-Dichlorobenzene
 Concen: 0.26 ug/l
 RT: 11.975 min Scan# 1786
 Delta R.T. -0.001 min
 Lab File: VX022089.D
 Acq: 19 May 2021 15:50

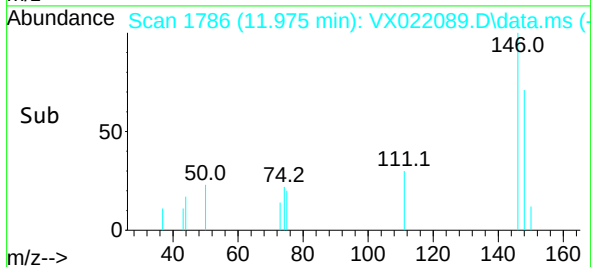
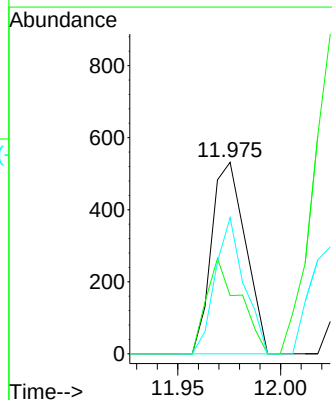
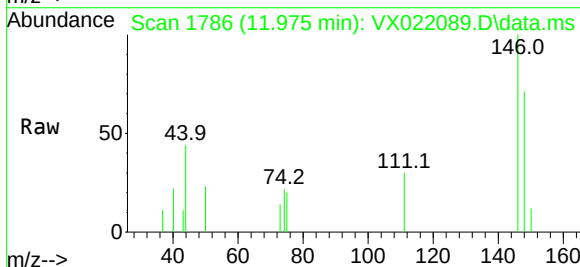
Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-SOIL-01-QT2-202

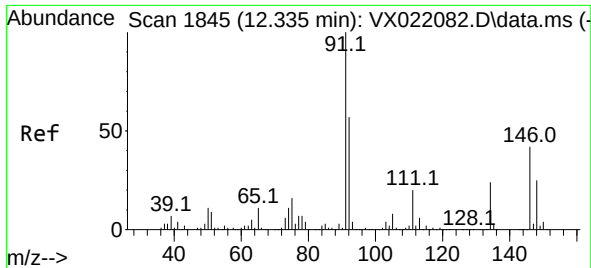
Tgt Ion:146 Resp: 611
 Ion Ratio Lower Upper
 146 100
 111 48.0 20.2 60.5
 148 60.7 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 0.25 ug/l
 RT: 11.975 min Scan# 1786
 Delta R.T. -0.068 min
 Lab File: VX022089.D
 Acq: 19 May 2021 15:50

Tgt Ion:146 Resp: 611
 Ion Ratio Lower Upper
 146 100
 111 48.0 19.6 58.8
 148 60.7 31.6 95.0

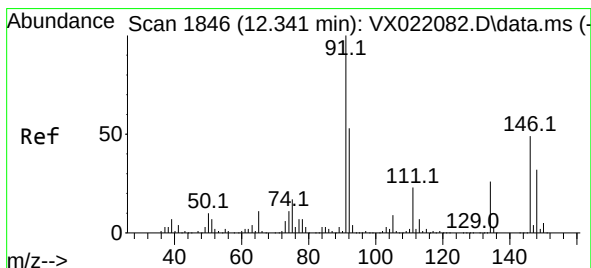
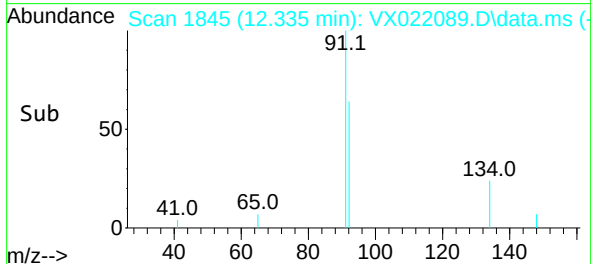
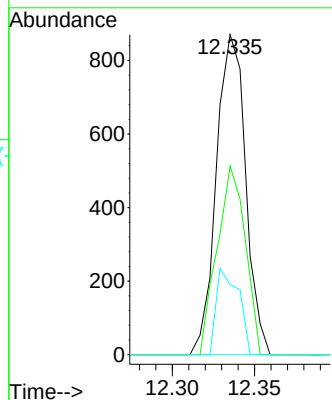
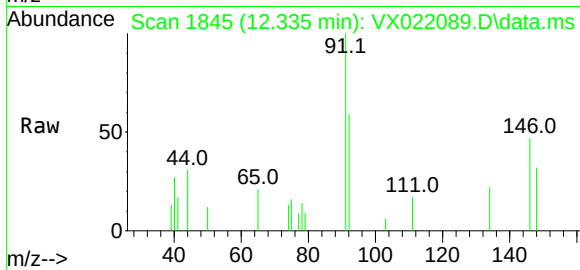




#89
n-Butylbenzene
Concen: 0.23 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

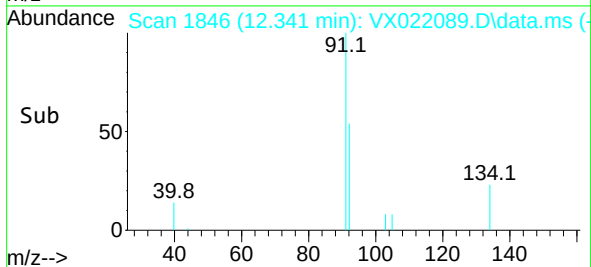
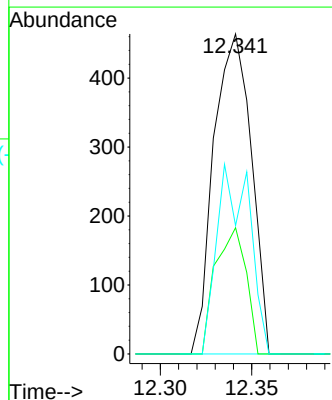
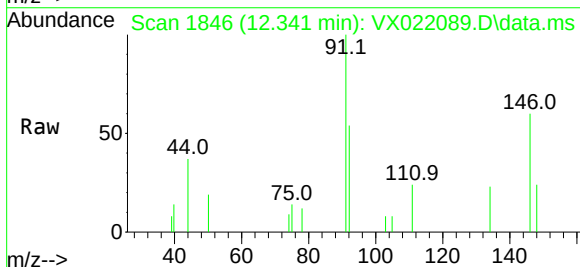
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

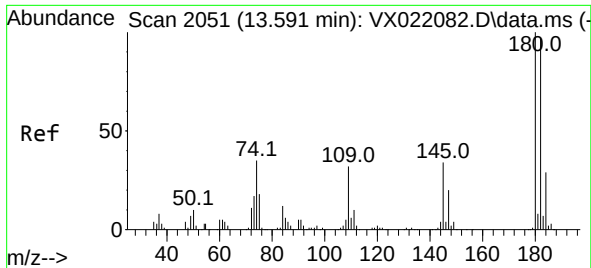
Tgt Ion: 91 Resp: 1076
Ion Ratio Lower Upper
91 100
92 56.6 27.4 82.0
134 20.4 13.2 39.5



#91
1,2-Dichlorobenzene
Concen: 0.29 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion: 146 Resp: 663
Ion Ratio Lower Upper
146 100
111 32.0 20.8 62.2
148 51.4 31.9 95.5

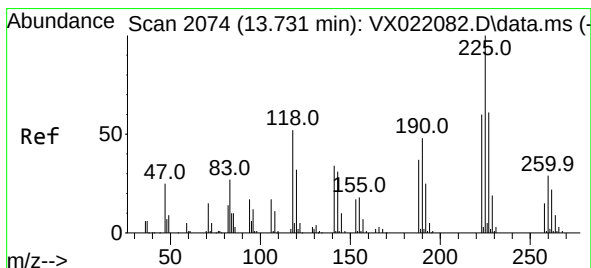
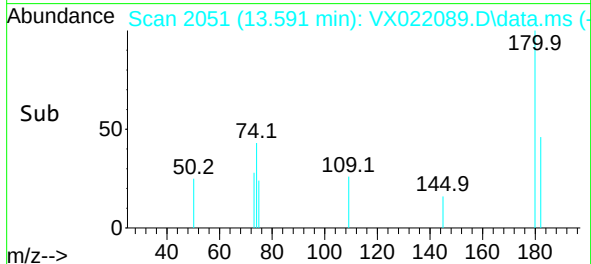
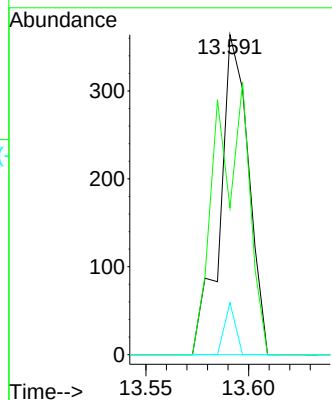
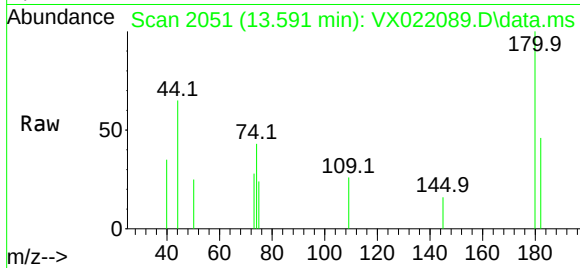




#93
1,2,4-Trichlorobenzene
Concen: 0.25 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

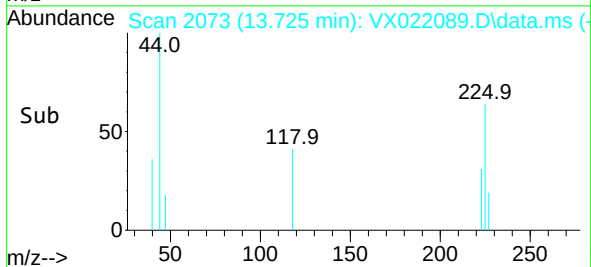
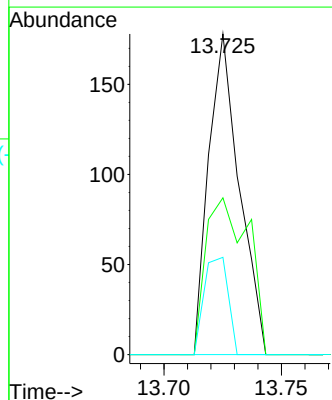
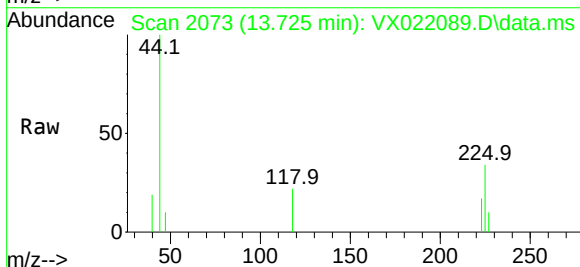
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

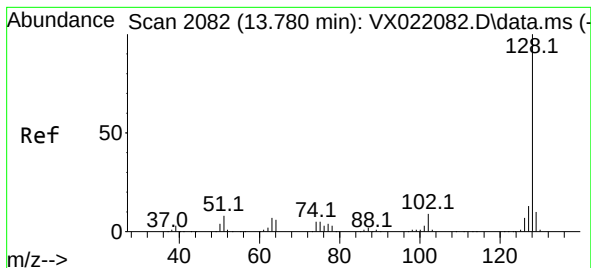
Tgt Ion:180 Resp: 351
Ion Ratio Lower Upper
180 100
182 99.4 47.7 143.1
145 6.3 15.0 45.0#



#94
Hexachlorobutadiene
Concen: 0.30 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

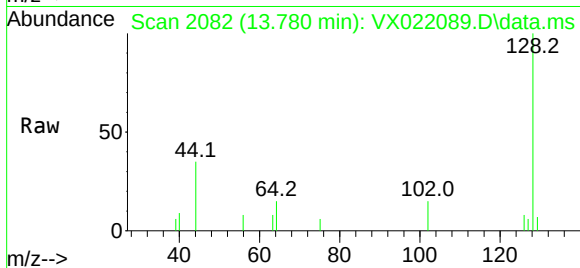
Tgt Ion:225 Resp: 161
Ion Ratio Lower Upper
225 100
223 67.7 31.1 93.2
227 23.6 31.6 95.0#



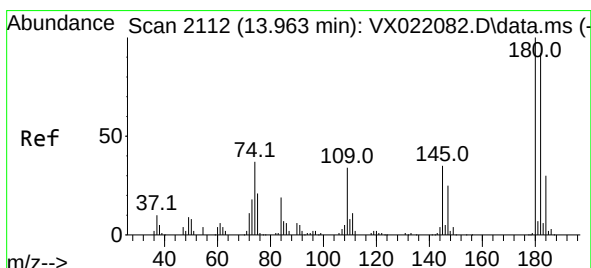
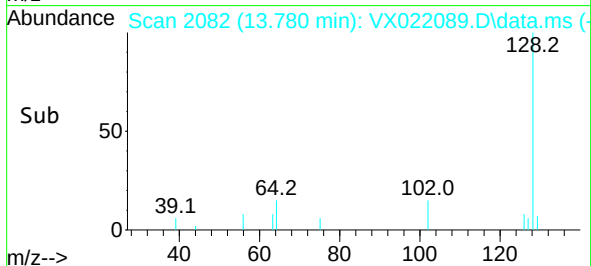
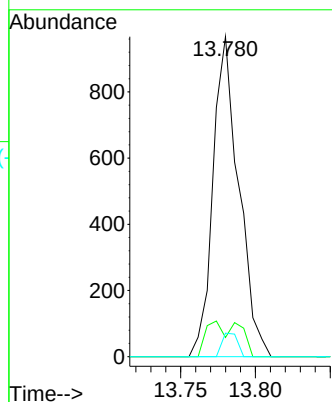


#95
Naphthalene
Concen: 0.21 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202



Tgt Ion:128 Resp: 1160
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 4.4 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 0.23 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX022089.D
Acq: 19 May 2021 15:50

Tgt Ion:180 Resp: 315
Ion Ratio Lower Upper
180 100
182 102.5 47.6 142.9
145 21.9 16.1 48.3

