

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
 Data File : VD077937.D
 Acq On : 16 Dec 2023 16:45
 Operator : RP/MD
 Sample : 05765-03
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 18 02:00:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	2681	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	4256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	3661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1047	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1682	53.242	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.480%	
35) Dibromofluoromethane	7.793	113	627	21.032	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 42.060%#	
50) Toluene-d8	10.269	98	4668	39.095	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 78.200%	
62) 4-Bromofluorobenzene	12.569	95	1203	33.700	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 67.400%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.023	85	57	1.702	ug/l #	43
3) Chloromethane	2.181	50	119	2.607	ug/l #	41
6) Chloroethane	2.840	64	204	4.828	ug/l #	43
7) Trichlorofluoromethane	3.299	101	59	1.034	ug/l #	17
8) Diethyl Ether	3.822	74	58	3.619	ug/l #	1
11) Tert butyl alcohol	4.928	59	116	68.045	ug/l #	1
13) Acrolein	3.817	56	69	20.647	ug/l #	81
14) Allyl chloride	4.570	41	81	1.828	ug/l #	47
15) Acrylonitrile	5.017	53	62	9.035	ug/l #	1
16) Acetone	4.028	43	55	Below Cal	#	32
18) Methyl Acetate	4.552	43	71	2.854	ug/l #	42
23) Vinyl Acetate	6.181	43	73	1.614	ug/l #	63
25) 2-Butanone	7.122	43	61	Below Cal	#	37
26) 2,2-Dichloropropane	7.046	77	88	1.671	ug/l #	49
27) cis-1,2-Dichloroethene	7.052	96	54	1.375	ug/l #	57
28) Bromochloromethane	7.434	49	78	3.077	ug/l #	1
29) Tetrahydrofuran	7.487	42	55	10.933	ug/l #	23
30) Chloroform	7.646	83	64	1.020	ug/l #	17
36) 1,1-Dichloropropene	7.899	75	133	2.789	ug/l #	39
37) Ethyl Acetate	7.122	43	61	3.281	ug/l #	1
38) Carbon Tetrachloride	7.875	117	339	7.131	ug/l #	11
39) Methylcyclohexane	9.163	83	68	1.203	ug/l #	24
41) Methacrylonitrile	7.411	41	53	5.608	ug/l #	1
43) Isopropyl Acetate	8.316	43	59	1.785	ug/l #	43
45) 1,2-Dichloropropane	9.187	63	55	1.672	ug/l #	44
48) Methyl methacrylate	9.369	41	115	6.121	ug/l #	1
51) 4-Methyl-2-Pentanone	10.128	43	59	3.498	ug/l #	28
54) cis-1,3-Dichloropropene	10.110	75	54	1.054	ug/l #	45
56) Ethyl methacrylate	10.646	69	55	2.620	ug/l #	1
57) 1,3-Dichloropropane	10.799	76	78	1.900	ug/l #	42
59) 2-Hexanone	10.904	43	71	5.073	ug/l #	16
68) m/p-Xylenes	11.646	106	65	1.115	ug/l #	1
74) N-amyl acetate	12.222	43	68	4.359	ug/l #	35
75) 1,1,2,2-Tetrachloroethane	12.781	83	70	5.059	ug/l #	25
76) 1,2,3-Trichloropropane	12.734	75	62	6.818	ug/l #	100
77) Bromobenzene	12.704	156	466	24.967	ug/l #	1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
Data File : VD077937.D
Acq On : 16 Dec 2023 16:45
Operator : RP/MD
Sample : 05765-03
Misc : 5.04G/5.0ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 18 02:00:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

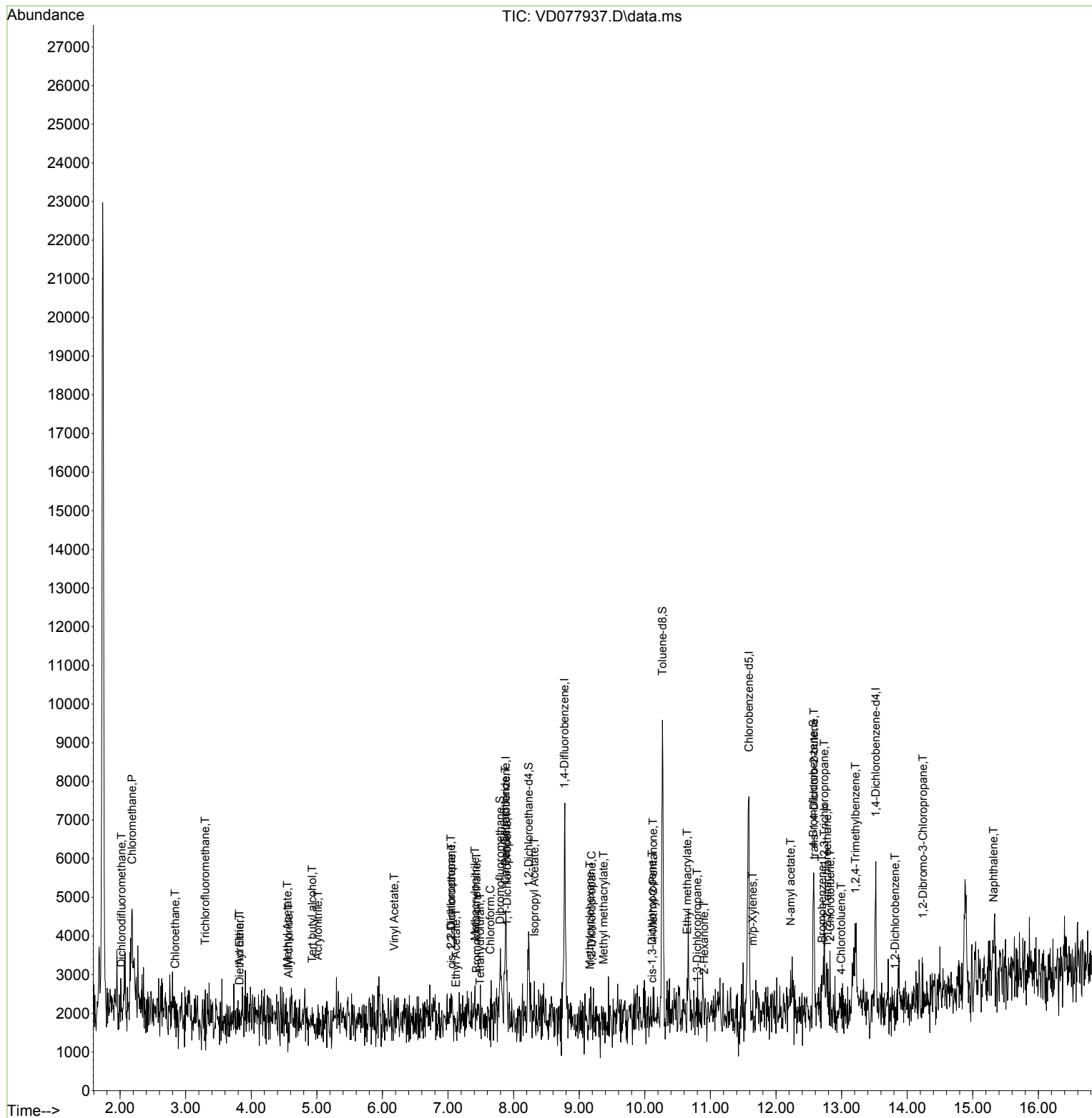
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	12.828	91	59	1.139	ug/l #	36
81) trans-1,4-Dichloro-2-b...	12.581	75	668	148.837	ug/l #	17
82) 4-Chlorotoluene	12.993	91	65	1.200	ug/l #	36
84) 1,2,4-Trimethylbenzene	13.210	105	79	1.193	ug/l #	28
91) 1,2-Dichlorobenzene	13.816	146	63	1.941	ug/l #	26
92) 1,2-Dibromo-3-Chloropr...	14.240	75	56	27.499	ug/l #	1
95) Naphthalene	15.316	128	1589	43.131	ug/l #	69

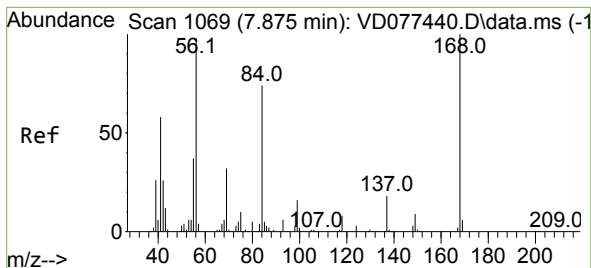
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
Data File : VD077937.D
Acq On : 16 Dec 2023 16:45
Operator : RP/MD
Sample : 05765-03
Misc : 5.04G/5.0ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Dec 18 02:00:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077937.D

Acq: 16 Dec 2023 16:45

Instrument :

MSVOA_D

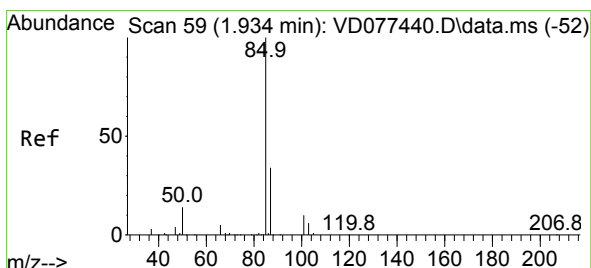
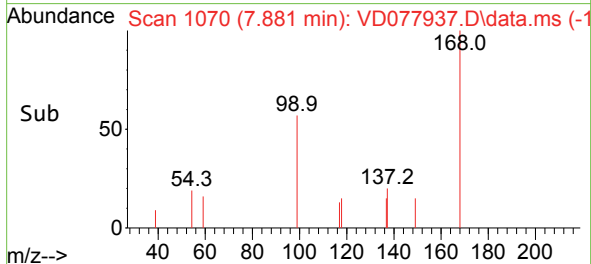
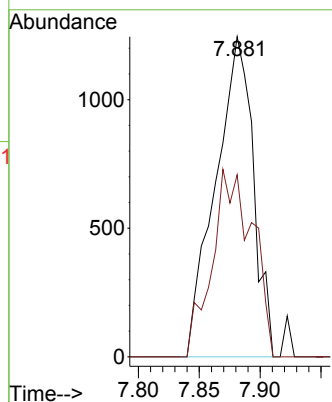
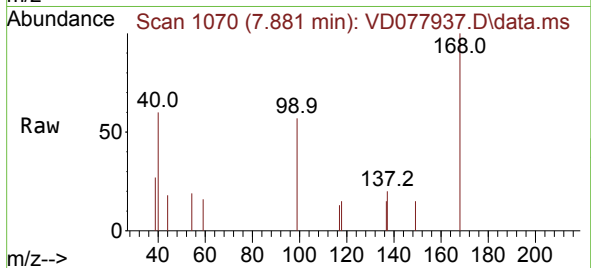
ClientSampleId :

Tgt Ion:168 Resp: 2681

Ion Ratio Lower Upper

168 100

99 56.9 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 1.702 ug/l

RT: 2.023 min Scan# 74

Delta R.T. 0.089 min

Lab File: VD077937.D

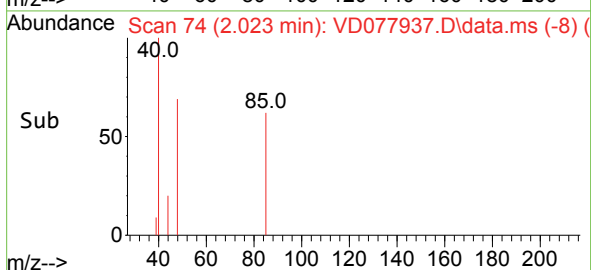
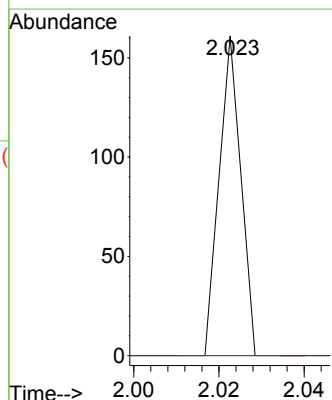
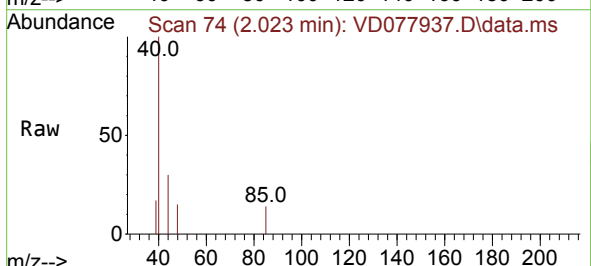
Acq: 16 Dec 2023 16:45

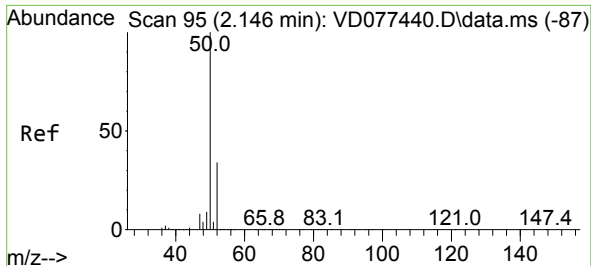
Tgt Ion: 85 Resp: 57

Ion Ratio Lower Upper

85 100

87 0.0 15.7 47.0#

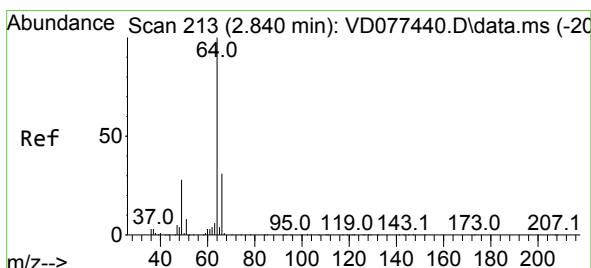
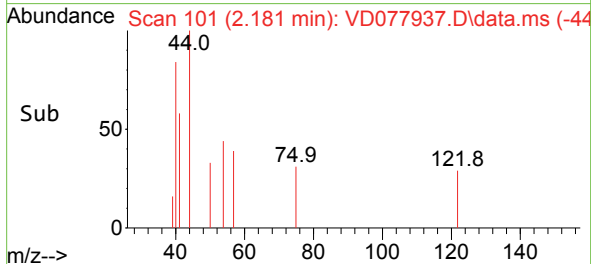
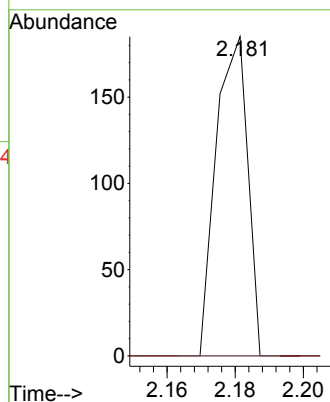
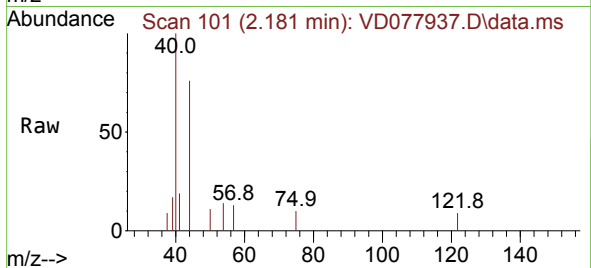




#3
Chloromethane
Concen: 2.607 ug/l
RT: 2.181 min Scan# 101
Delta R.T. 0.035 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

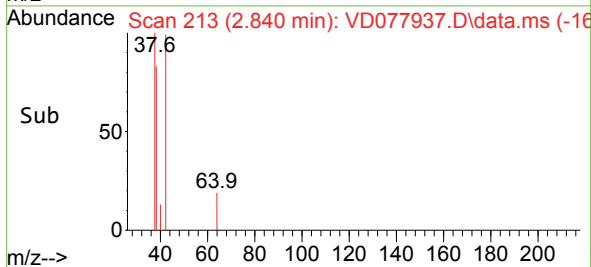
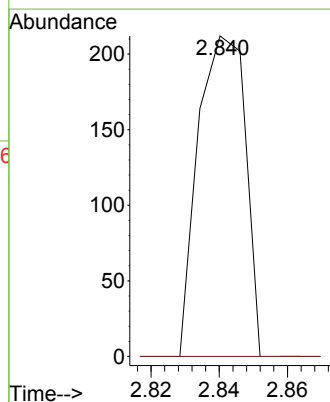
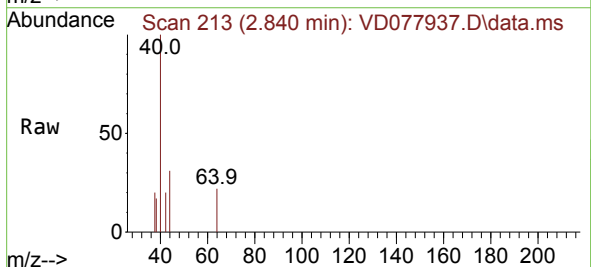
Instrument :
MSVOA_D
ClientSampleId :

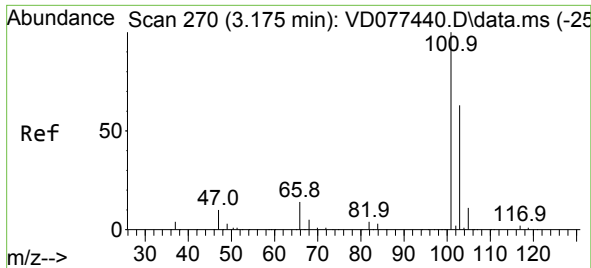
Tgt Ion: 50 Resp: 119
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



#6
Chloroethane
Concen: 4.828 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Tgt Ion: 64 Resp: 204
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#

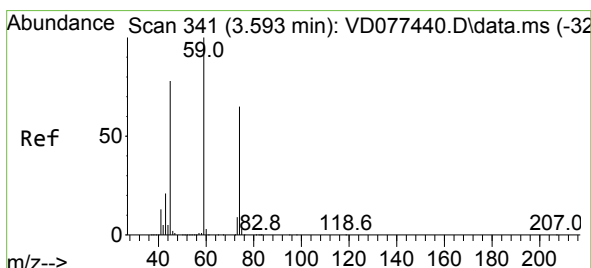
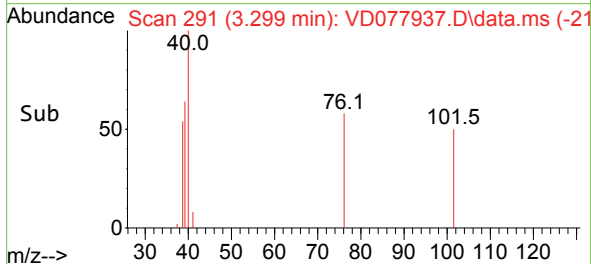
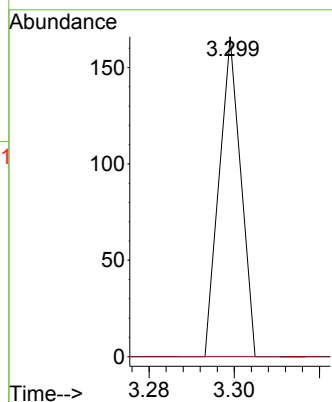
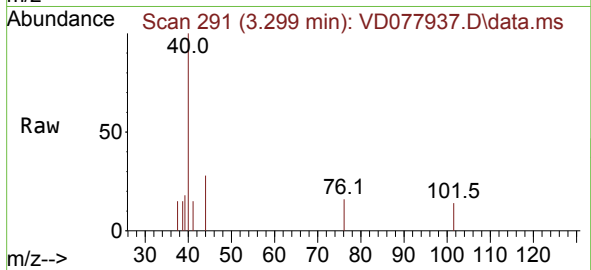




#7
 Trichlorofluoromethane
 Concen: 1.034 ug/l
 RT: 3.299 min Scan# 291
 Delta R.T. 0.124 min
 Lab File: VD077937.D
 Acq: 16 Dec 2023 16:45

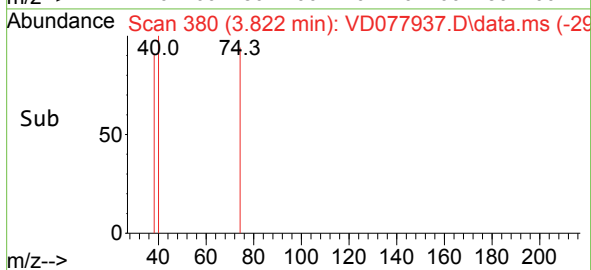
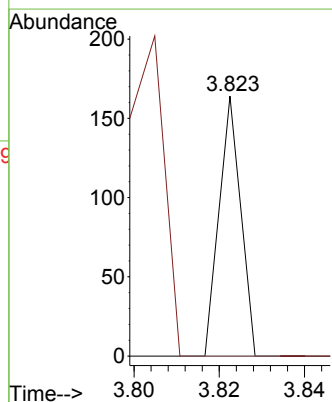
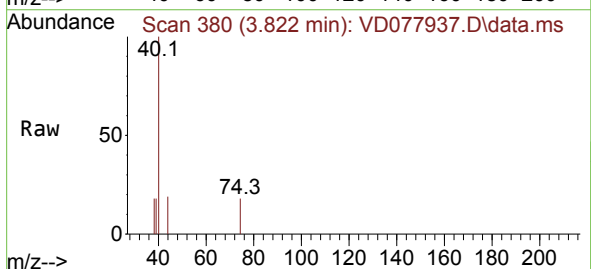
Instrument :
 MSVOA_D
 ClientSampleId :

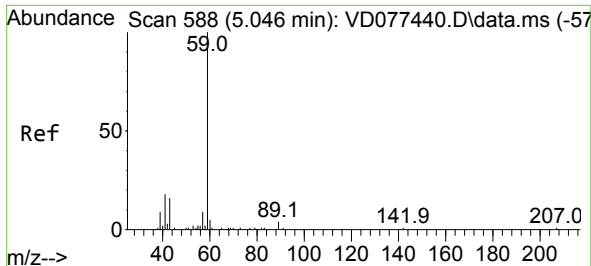
Tgt Ion:101 Resp: 59
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.3 78.5#



#8
 Diethyl Ether
 Concen: 3.619 ug/l
 RT: 3.822 min Scan# 380
 Delta R.T. 0.229 min
 Lab File: VD077937.D
 Acq: 16 Dec 2023 16:45

Tgt Ion: 74 Resp: 58
 Ion Ratio Lower Upper
 74 100
 45 215.5 37.5 112.7#





#11

Tert butyl alcohol

Concen: 68.045 ug/l

RT: 4.928 min Scan# 5

Delta R.T. -0.118 min

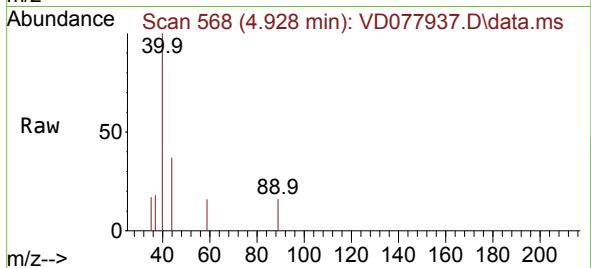
Lab File: VD077937.D

Acq: 16 Dec 2023 16:45

Instrument :

MSVOA_D

ClientSampleId :

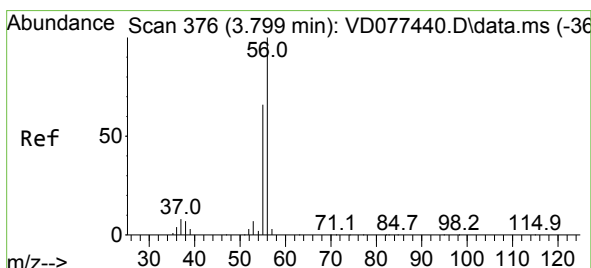
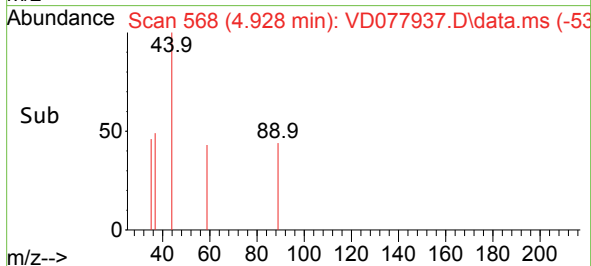
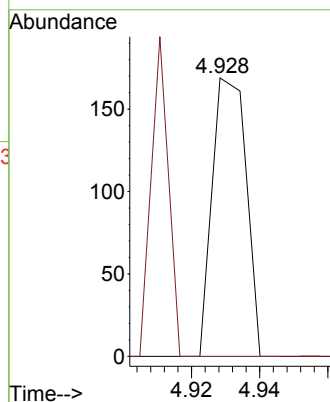


Tgt Ion: 59 Resp: 116

Ion Ratio Lower Upper

59 100

57 58.6 7.8 11.8#



#13

Acrolein

Concen: 20.647 ug/l

RT: 3.817 min Scan# 379

Delta R.T. 0.018 min

Lab File: VD077937.D

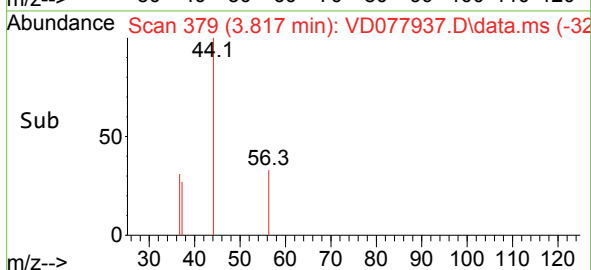
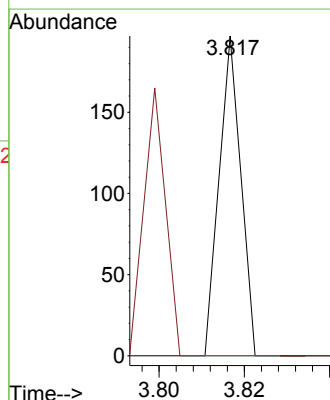
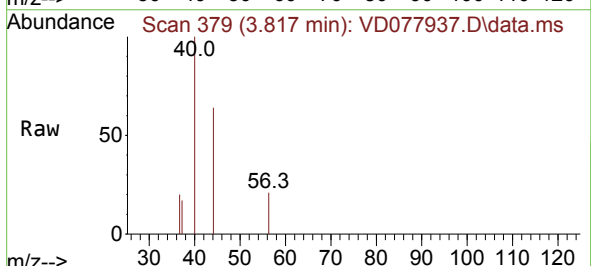
Acq: 16 Dec 2023 16:45

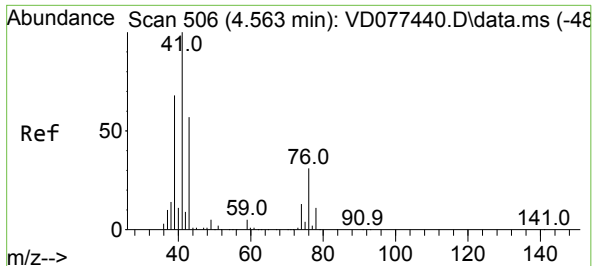
Tgt Ion: 56 Resp: 69

Ion Ratio Lower Upper

56 100

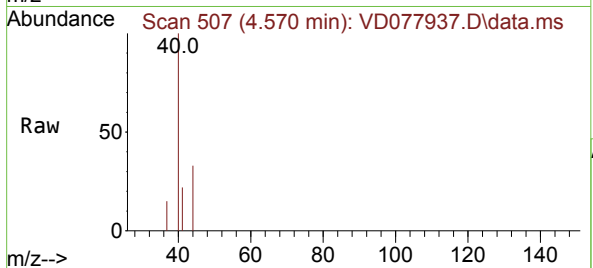
55 84.1 55.1 82.7#



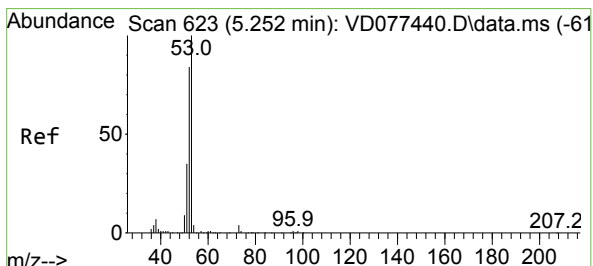
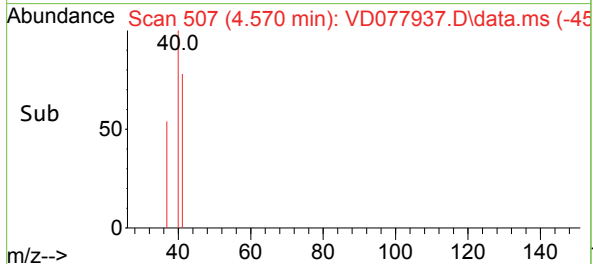
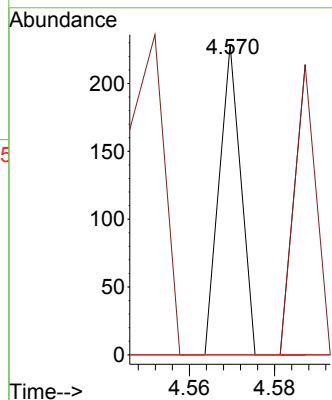


#14
 Allyl chloride
 Concen: 1.828 ug/l
 RT: 4.570 min Scan# 50
 Delta R.T. 0.007 min
 Lab File: VD077937.D
 Acq: 16 Dec 2023 16:45

Instrument :
 MSVOA_D
 ClientSampleId :

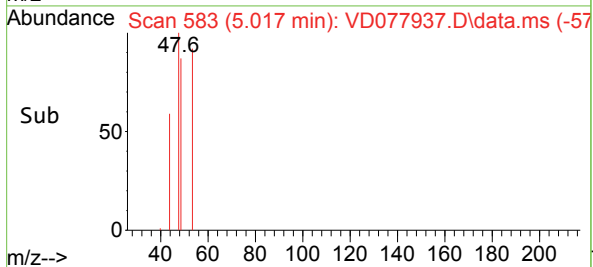
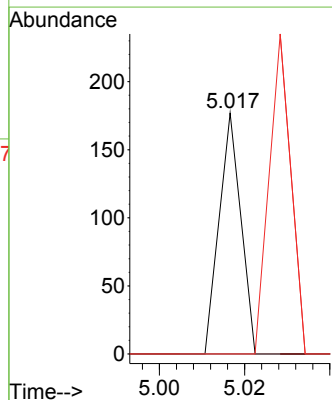
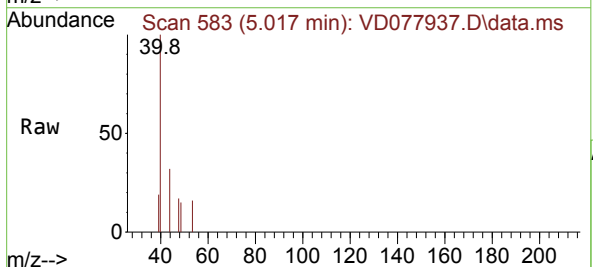


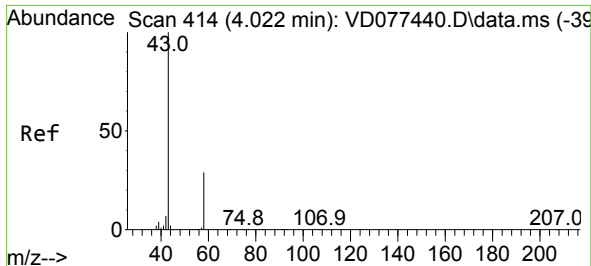
Tgt Ion: 41 Resp: 81
 Ion Ratio Lower Upper
 41 100
 39 92.6 53.8 80.6#
 76 0.0 45.8 68.8#



#15
 Acrylonitrile
 Concen: 9.035 ug/l
 RT: 5.017 min Scan# 583
 Delta R.T. -0.235 min
 Lab File: VD077937.D
 Acq: 16 Dec 2023 16:45

Tgt Ion: 53 Resp: 62
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.0 97.4#
 51 133.9 28.3 42.5#

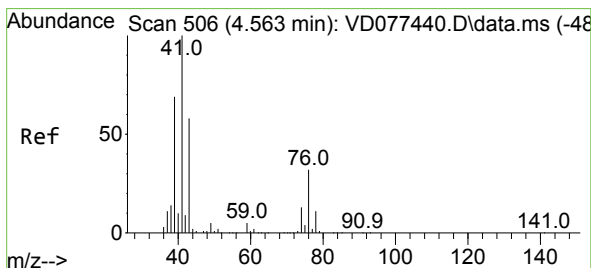
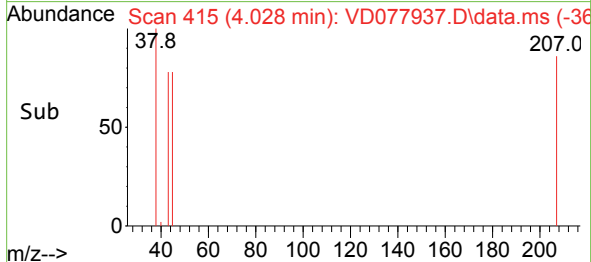
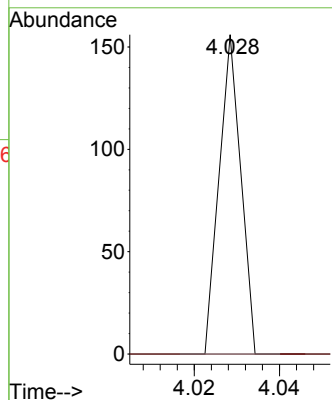
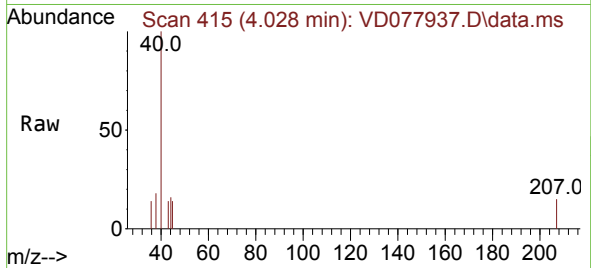




#16
Acetone
Concen: Below Cal
RT: 4.028 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

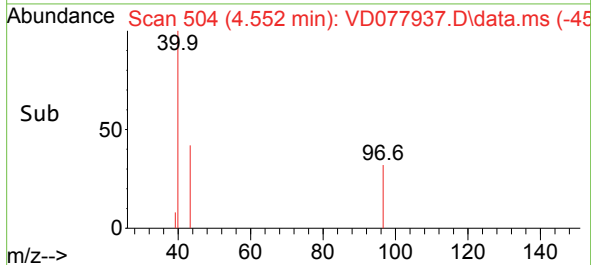
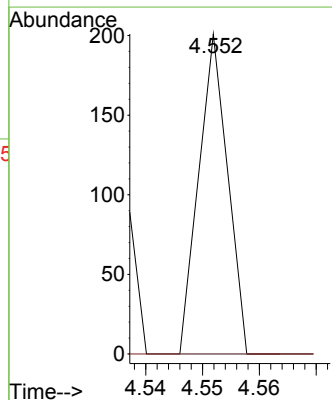
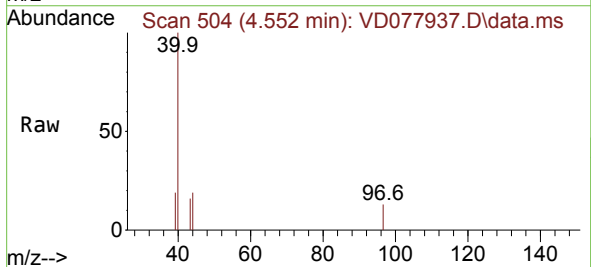
Instrument :
MSVOA_D
ClientSampleId :

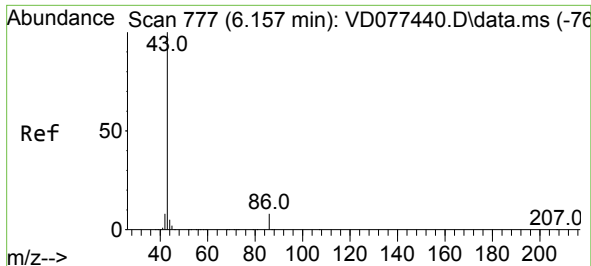
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#18
Methyl Acetate
Concen: 2.854 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.011 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Tgt Ion: 43 Resp: 71
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#

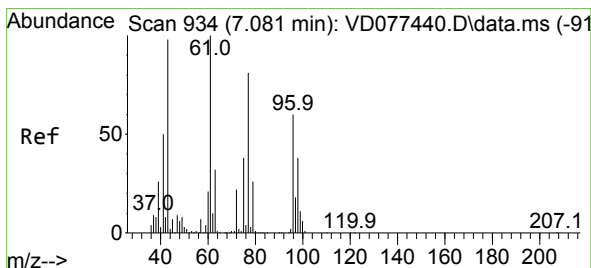
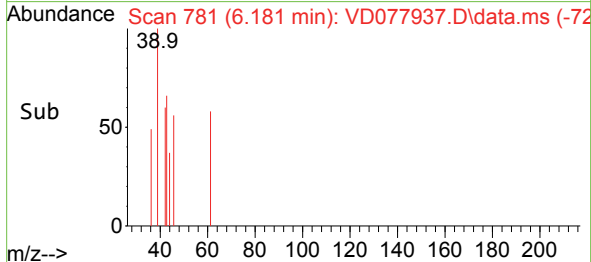
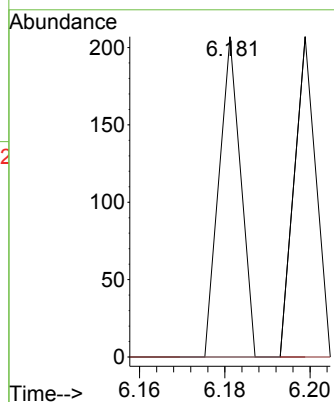
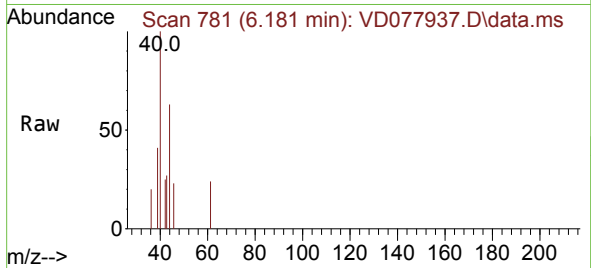




#23
 Vinyl Acetate
 Concen: 1.614 ug/l
 RT: 6.181 min Scan# 71
 Delta R.T. 0.024 min
 Lab File: VD077937.D
 Acq: 16 Dec 2023 16:45

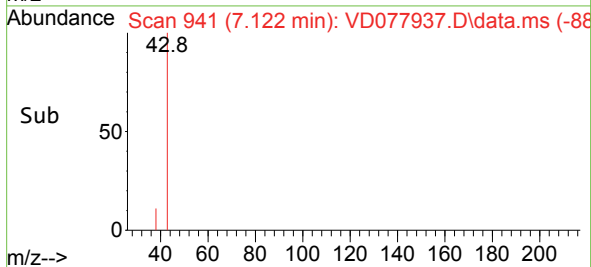
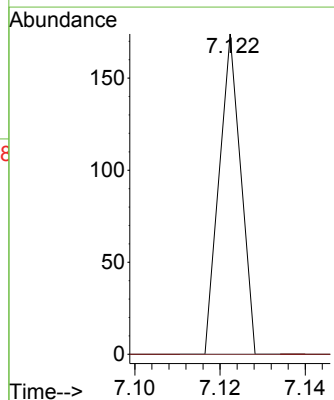
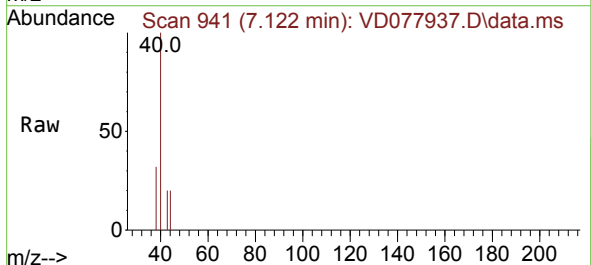
Instrument :
 MSVOA_D
 ClientSampleId :

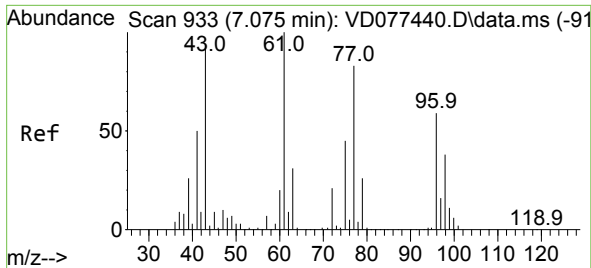
Tgt Ion: 43 Resp: 73
 Ion Ratio Lower Upper
 43 100
 86 0.0 12.5 18.7#



#25
 2-Butanone
 Concen: Below Cal
 RT: 7.122 min Scan# 941
 Delta R.T. 0.041 min
 Lab File: VD077937.D
 Acq: 16 Dec 2023 16:45

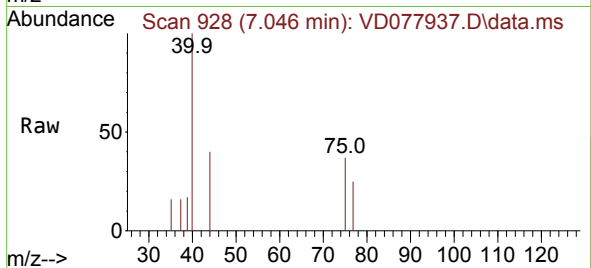
Tgt Ion: 43 Resp: 61
 Ion Ratio Lower Upper
 43 100
 72 0.0 30.7 46.1#



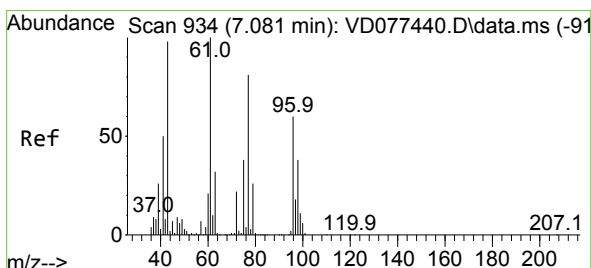
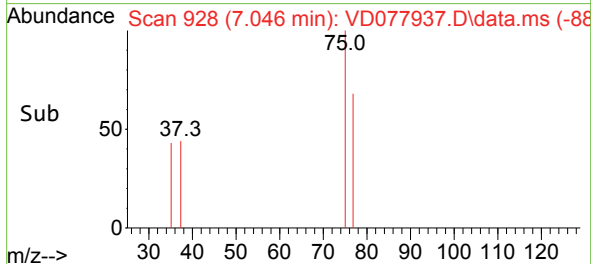
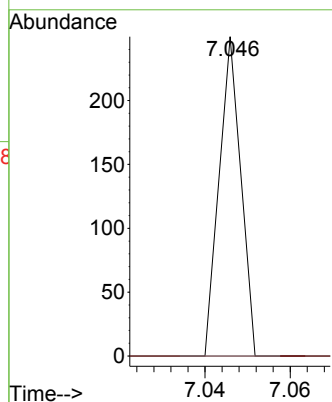


#26
2,2-Dichloropropane
Concen: 1.671 ug/l
RT: 7.046 min Scan# 91
Delta R.T. -0.029 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Instrument :
MSVOA_D
ClientSampleId :

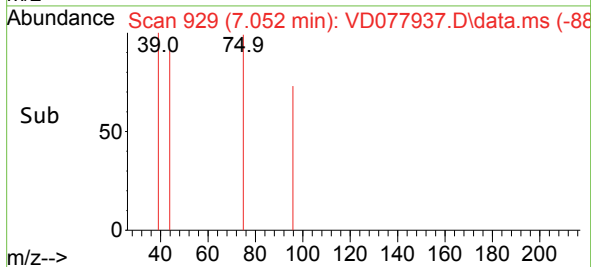
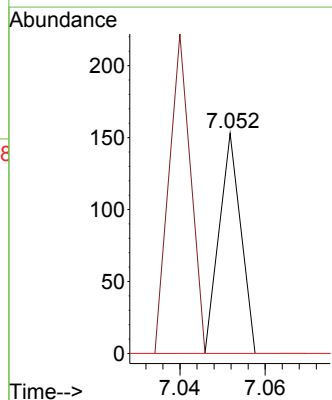
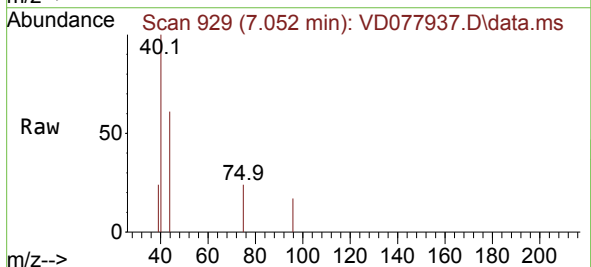


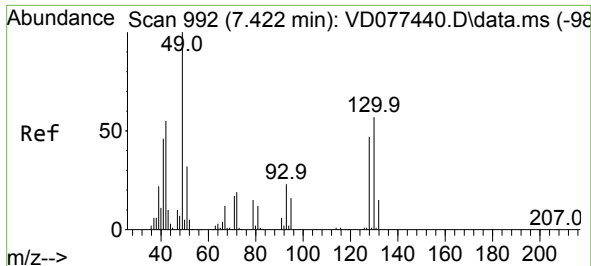
Tgt Ion: 77 Resp: 88
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#



#27
cis-1,2-Dichloroethene
Concen: 1.375 ug/l
RT: 7.052 min Scan# 929
Delta R.T. -0.029 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

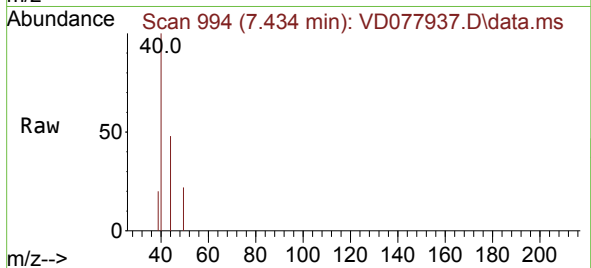
Tgt Ion: 96 Resp: 54
Ion Ratio Lower Upper
96 100
61 144.4 0.0 239.2
98 0.0 0.0 128.6



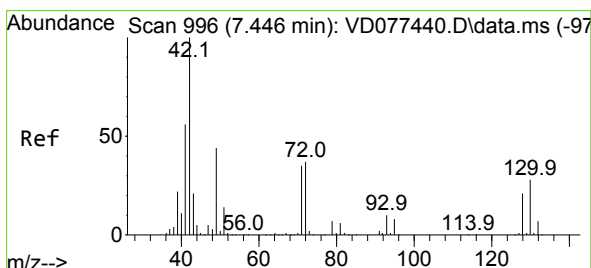
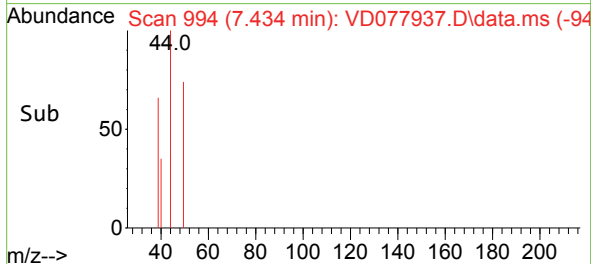
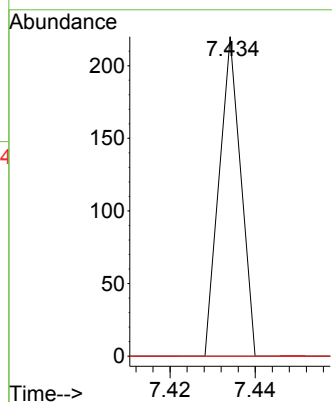


#28
Bromochloromethane
Concen: 3.077 ug/l
RT: 7.434 min Scan# 99
Delta R.T. 0.012 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Instrument :
MSVOA_D
ClientSampleId :

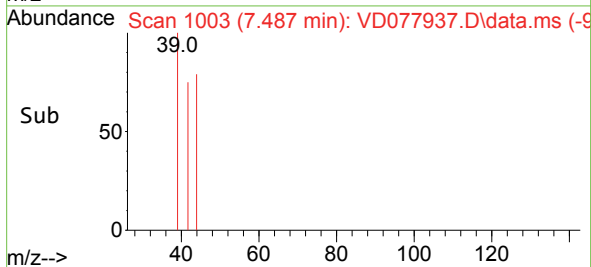
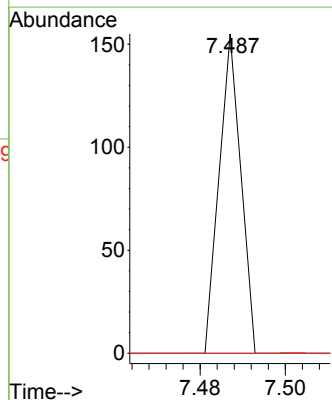
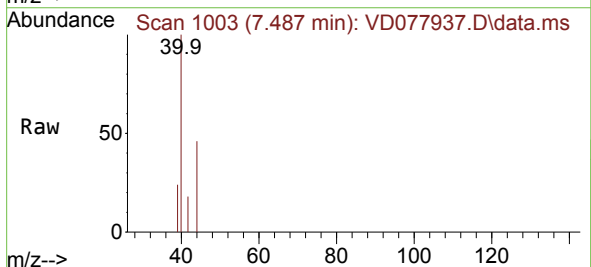


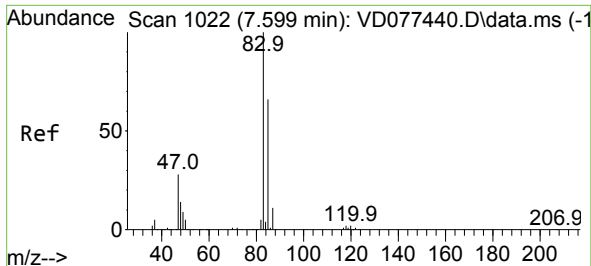
Tgt Ion: 49 Resp: 78
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#29
Tetrahydrofuran
Concen: 10.933 ug/l
RT: 7.487 min Scan# 1003
Delta R.T. 0.041 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Tgt Ion: 42 Resp: 55
Ion Ratio Lower Upper
42 100
72 0.0 46.5 69.7#
71 0.0 44.5 66.7#





#30

Chloroform

Concen: 1.020 ug/l

RT: 7.646 min Scan# 110

Delta R.T. 0.047 min

Lab File: VD077937.D

Acq: 16 Dec 2023 16:45

Instrument :

MSVOA_D

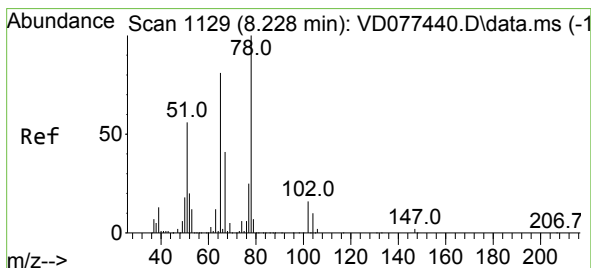
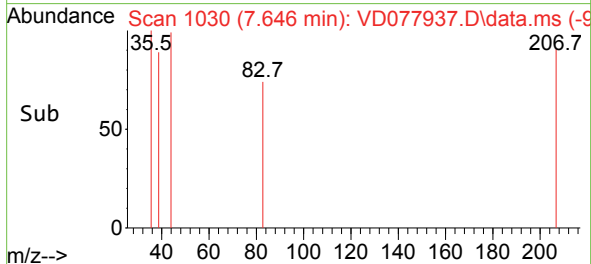
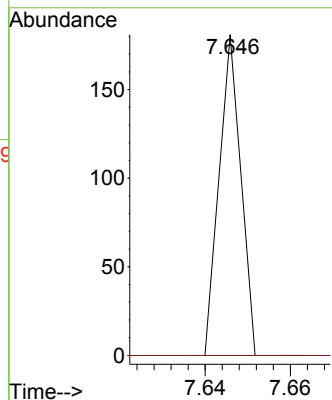
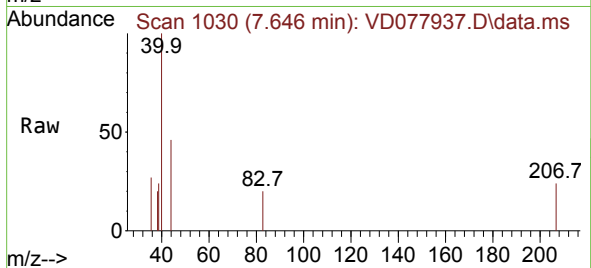
ClientSampleId :

Tgt Ion: 83 Resp: 64

Ion Ratio Lower Upper

83 100

85 0.0 53.4 80.2#



#33

1,2-Dichloroethane-d4

Concen: 53.242 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077937.D

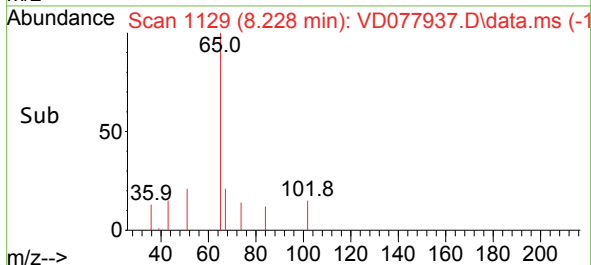
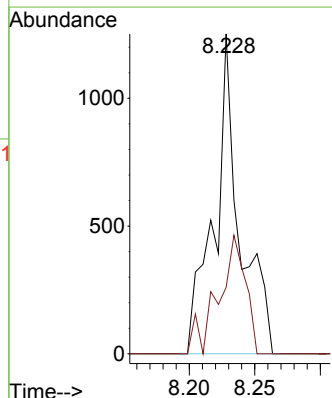
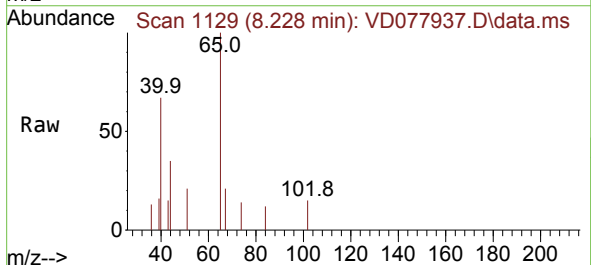
Acq: 16 Dec 2023 16:45

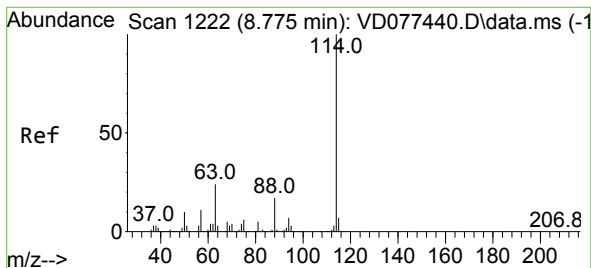
Tgt Ion: 65 Resp: 1682

Ion Ratio Lower Upper

65 100

67 39.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077937.D

Acq: 16 Dec 2023 16:45

Instrument :

MSVOA_D

ClientSampleId :

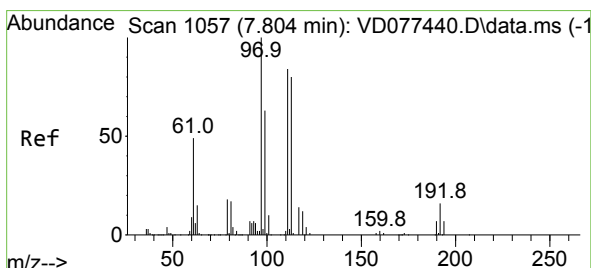
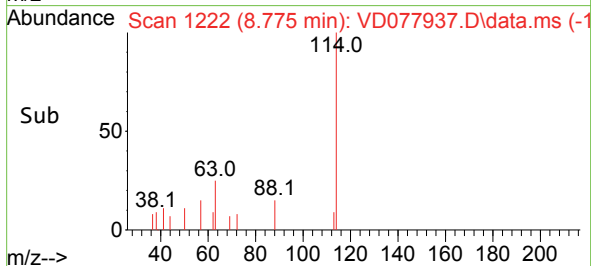
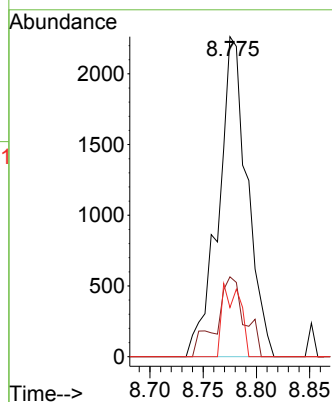
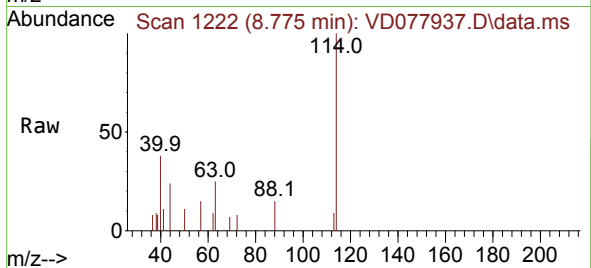
Tgt Ion:114 Resp: 4256

Ion Ratio Lower Upper

114 100

63 25.0 0.0 33.4

88 15.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 21.032 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.011 min

Lab File: VD077937.D

Acq: 16 Dec 2023 16:45

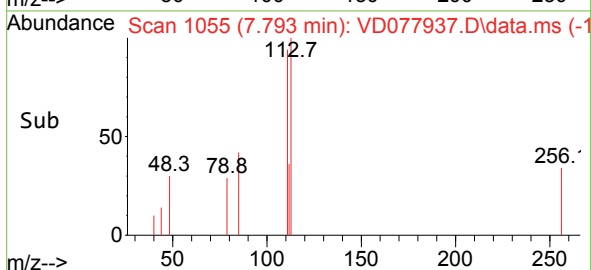
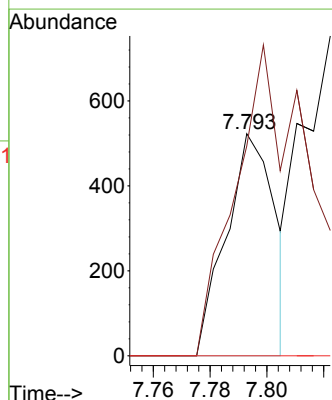
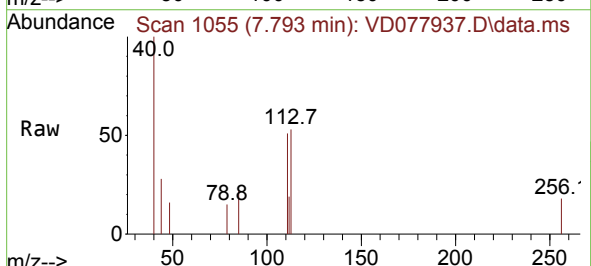
Tgt Ion:113 Resp: 627

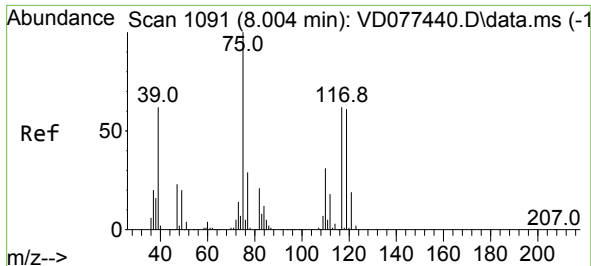
Ion Ratio Lower Upper

113 100

111 213.7 84.7 127.1#

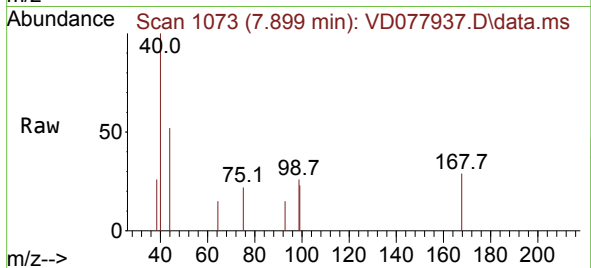
192 0.0 16.8 25.2#



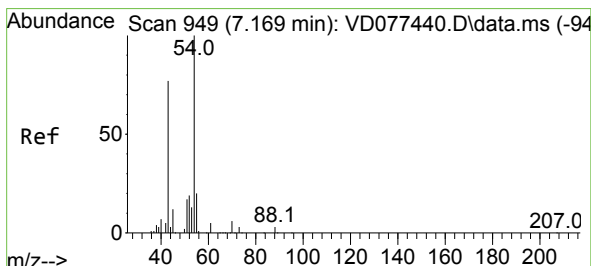
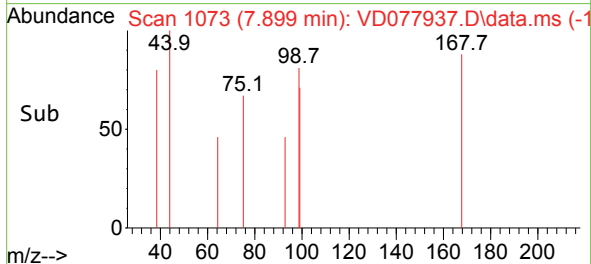
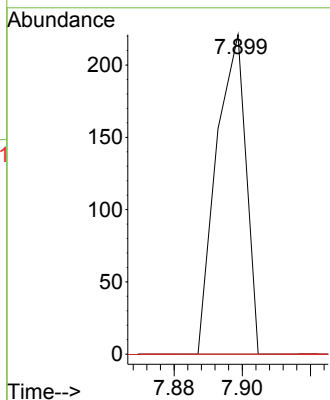


#36
1,1-Dichloropropene
Concen: 2.789 ug/l
RT: 7.899 min Scan# 1091
Delta R.T. -0.105 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Instrument :
MSVOA_D
ClientSampleId :

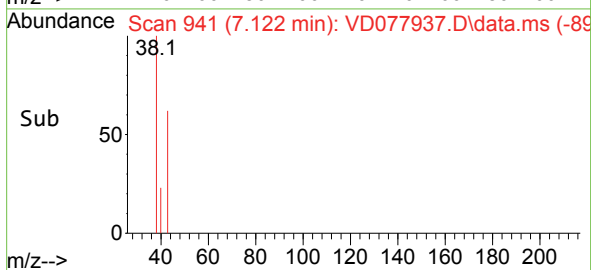
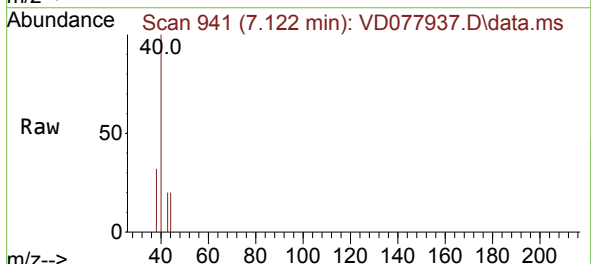
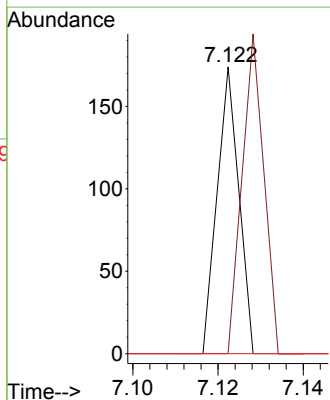


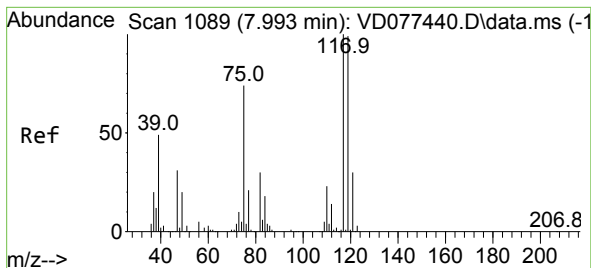
Tgt Ion: 75 Resp: 133
Ion Ratio Lower Upper
75 100
110 0.0 19.9 59.6#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 3.281 ug/l
RT: 7.122 min Scan# 941
Delta R.T. -0.047 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
61 111.5 14.9 22.3#
70 0.0 10.0 15.0#





#38

Carbon Tetrachloride

Concen: 7.131 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.118 min

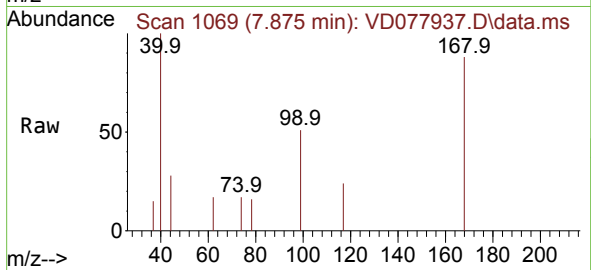
Lab File: VD077937.D

Acq: 16 Dec 2023 16:45

Instrument :

MSVOA_D

ClientSampleId :



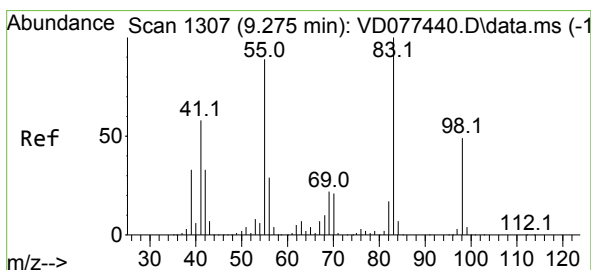
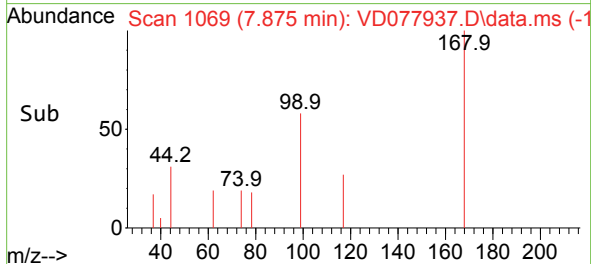
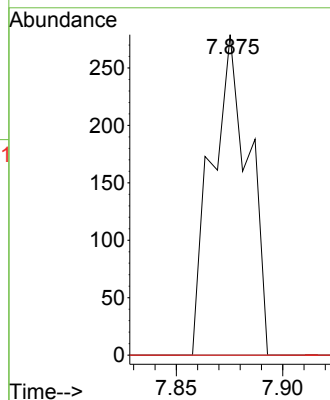
Tgt Ion:117 Resp: 339

Ion Ratio Lower Upper

117 100

119 0.0 78.0 117.0#

121 0.0 24.2 36.2#



#39

Methylcyclohexane

Concen: 1.203 ug/l

RT: 9.163 min Scan# 1288

Delta R.T. -0.112 min

Lab File: VD077937.D

Acq: 16 Dec 2023 16:45

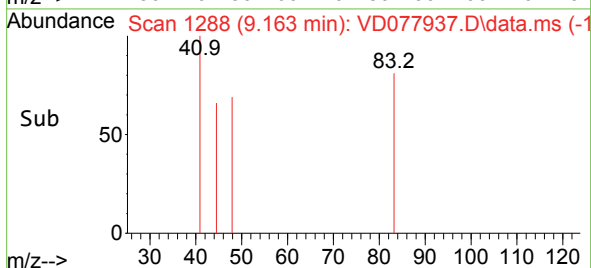
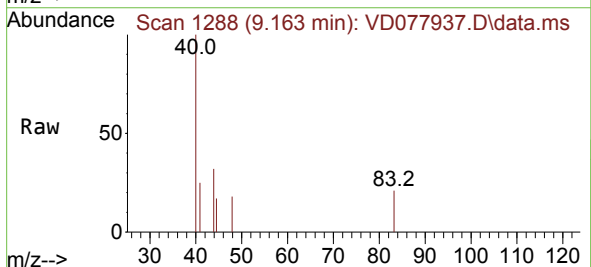
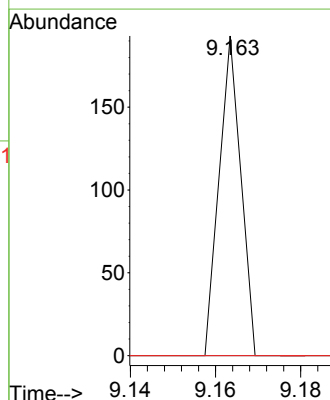
Tgt Ion: 83 Resp: 68

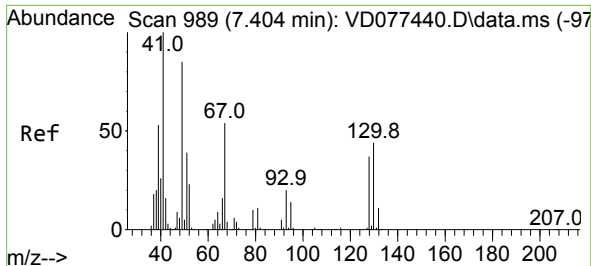
Ion Ratio Lower Upper

83 100

55 0.0 49.4 74.0#

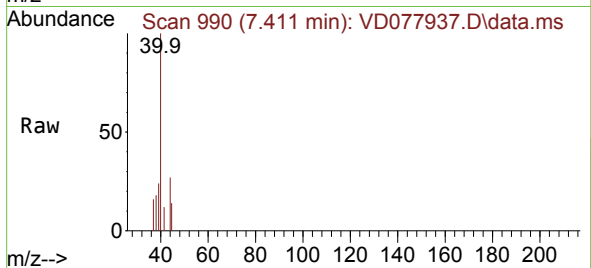
98 0.0 38.4 57.6#



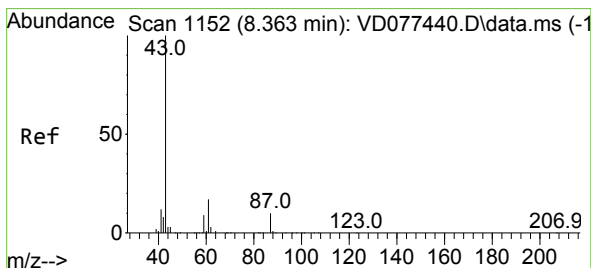
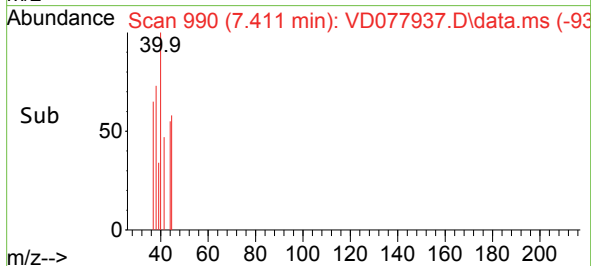
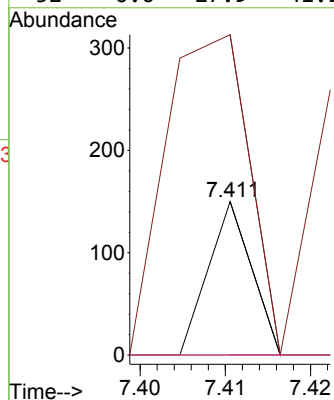


#41
Methacrylonitrile
Concen: 5.608 ug/l
RT: 7.411 min Scan# 990
Delta R.T. 0.007 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Instrument :
MSVOA_D
ClientSampleId :

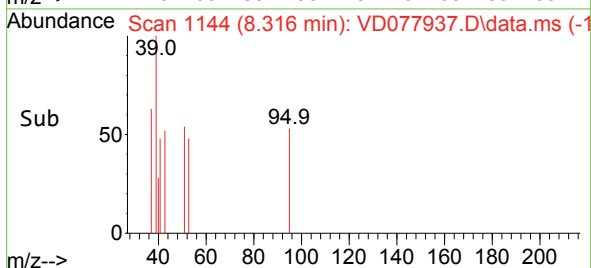
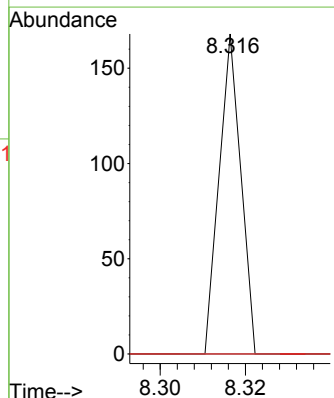
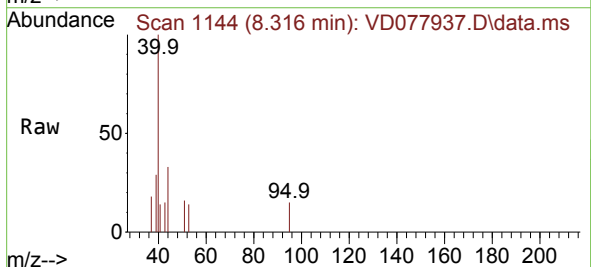


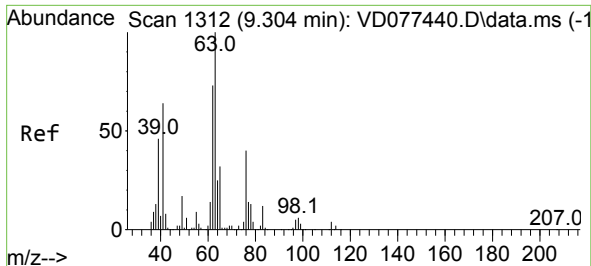
Tgt Ion:	41	Resp:	53
Ion	Ratio	Lower	Upper
41	100		
39	401.9	34.0	51.0#
67	0.0	77.0	115.4#
52	0.0	27.9	41.9#



#43
Isopropyl Acetate
Concen: 1.785 ug/l
RT: 8.316 min Scan# 1144
Delta R.T. -0.047 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Tgt Ion:	43	Resp:	59
Ion	Ratio	Lower	Upper
43	100		
61	0.0	31.4	47.0#
87	0.0	14.9	22.3#





#45

1,2-Dichloropropane

Concen: 1.672 ug/l

RT: 9.187 min Scan# 11

Delta R.T. -0.117 min

Lab File: VD077937.D

Acq: 16 Dec 2023 16:45

Instrument :

MSVOA_D

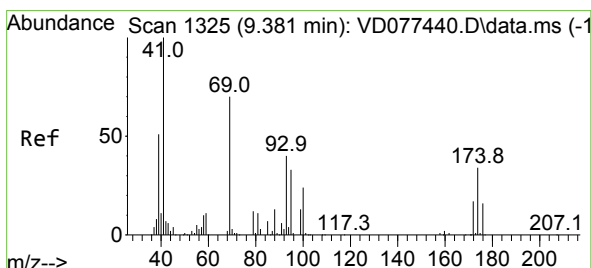
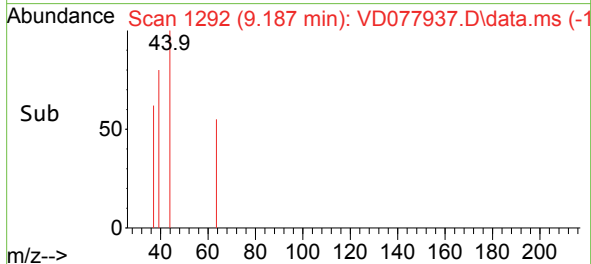
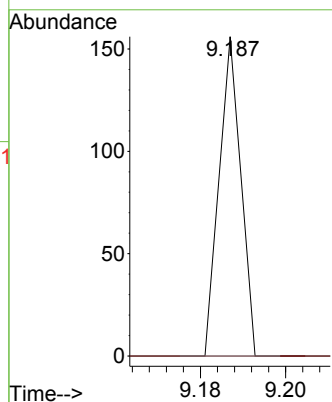
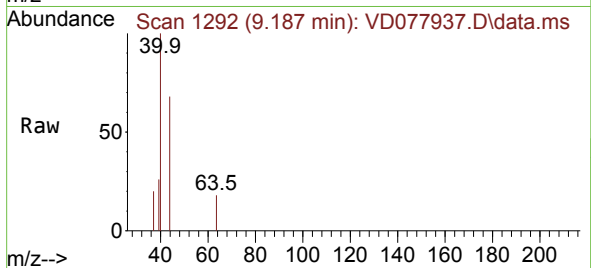
ClientSampleId :

Tgt Ion: 63 Resp: 55

Ion Ratio Lower Upper

63 100

65 0.0 24.5 36.7#



#48

Methyl methacrylate

Concen: 6.121 ug/l

RT: 9.369 min Scan# 1323

Delta R.T. -0.012 min

Lab File: VD077937.D

Acq: 16 Dec 2023 16:45

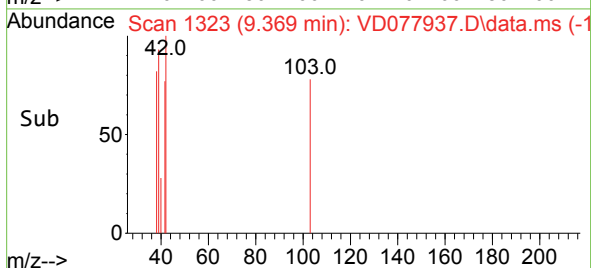
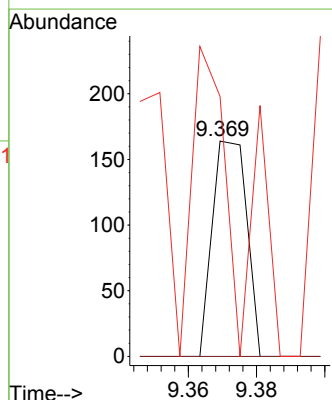
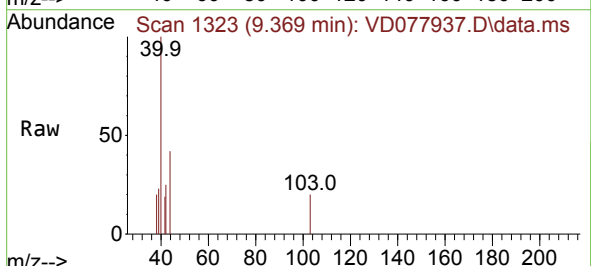
Tgt Ion: 41 Resp: 115

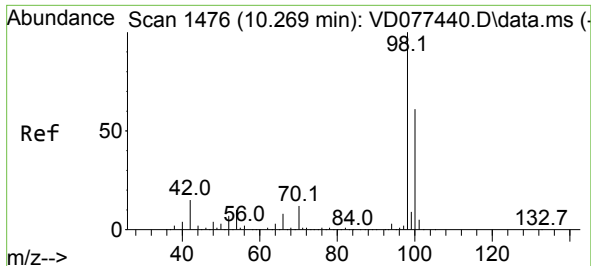
Ion Ratio Lower Upper

41 100

69 0.0 102.2 153.2#

39 192.2 41.4 62.2#

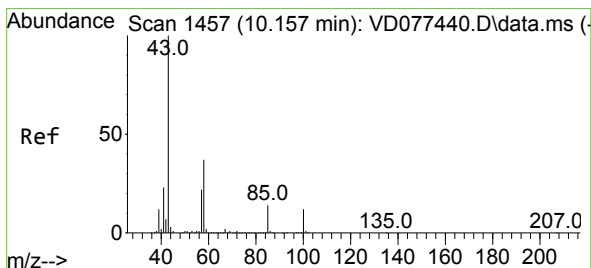
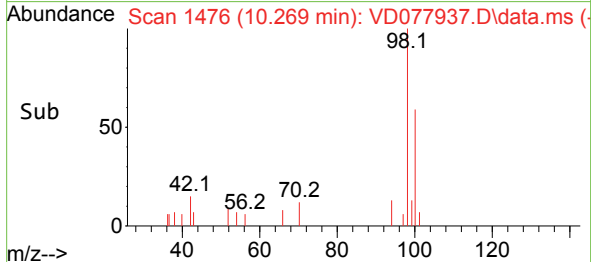
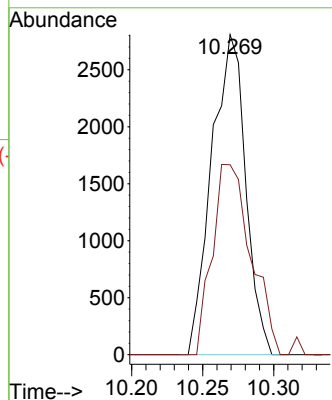
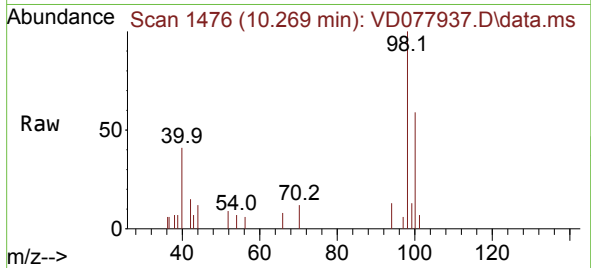




#50
Toluene-d8
Concen: 39.095 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

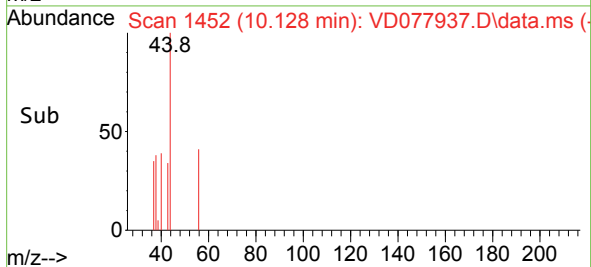
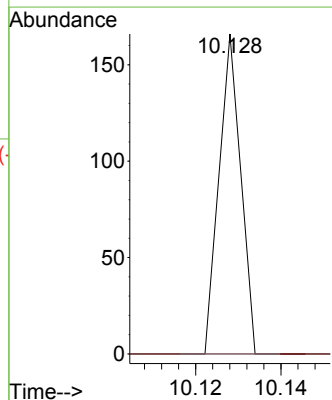
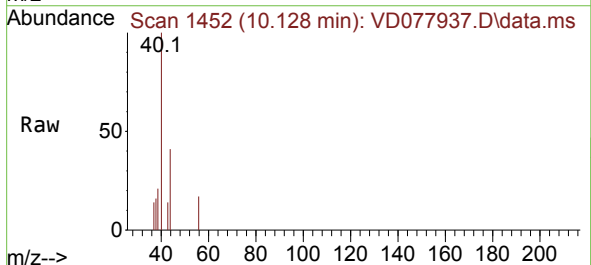
Instrument :
MSVOA_D
ClientSampleId :

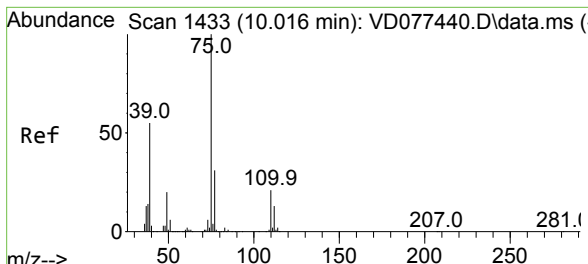
Tgt Ion: 98 Resp: 4668
Ion Ratio Lower Upper
98 100
100 67.8 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 3.498 ug/l
RT: 10.128 min Scan# 1452
Delta R.T. -0.029 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 38.9 58.3#

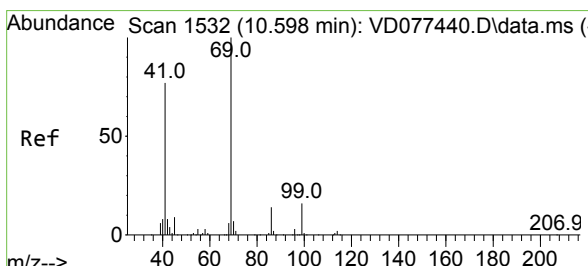
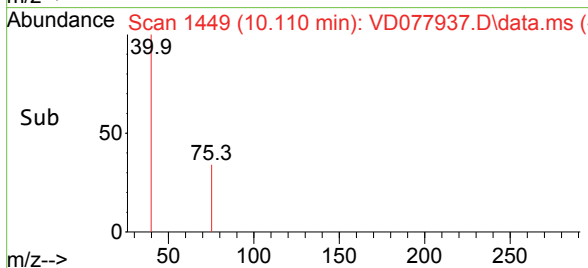
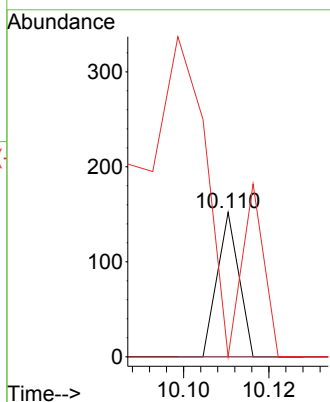
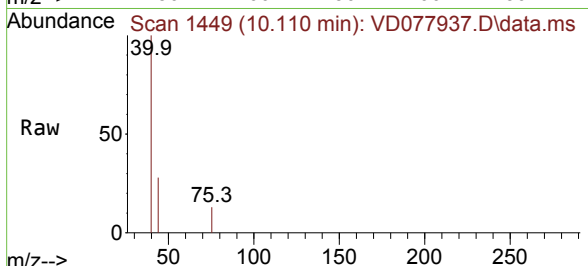




#54
 cis-1,3-Dichloropropene
 Concen: 1.054 ug/l
 RT: 10.110 min Scan# 1433
 Delta R.T. 0.094 min
 Lab File: VD077937.D
 Acq: 16 Dec 2023 16:45

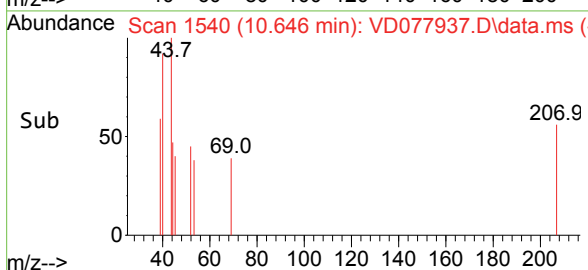
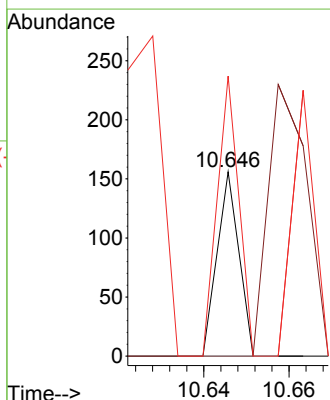
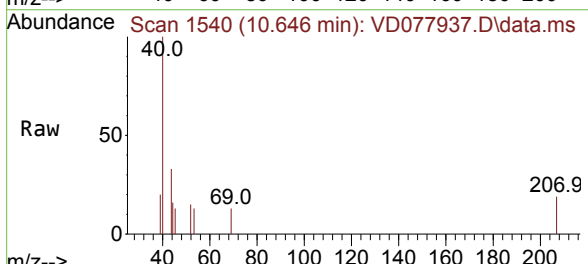
Instrument :
 MSVOA_D
 ClientSampleId :

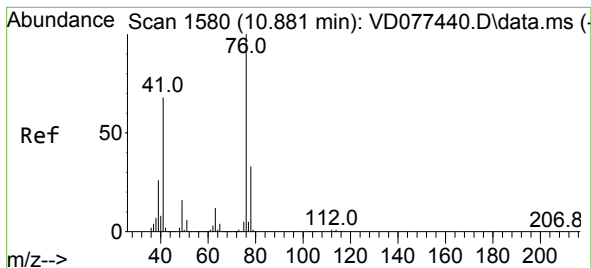
Tgt Ion: 75	Resp: 54
Ion Ratio	Lower Upper
75	100
77	0.0 25.5 38.3#
39	0.0 22.1 33.1#



#56
 Ethyl methacrylate
 Concen: 2.620 ug/l
 RT: 10.646 min Scan# 1540
 Delta R.T. 0.048 min
 Lab File: VD077937.D
 Acq: 16 Dec 2023 16:45

Tgt Ion: 69	Resp: 55
Ion Ratio	Lower Upper
69	100
41	0.0 39.1 58.7#
39	152.7 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 1.900 ug/l

RT: 10.799 min Scan# 1566

Delta R.T. -0.082 min

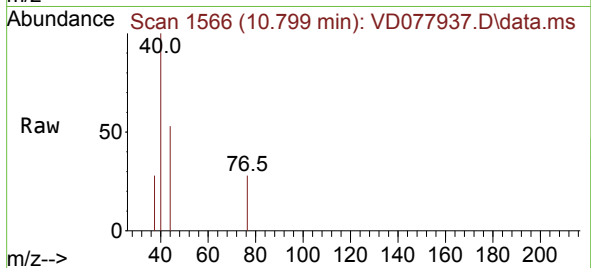
Lab File: VD077937.D

Acq: 16 Dec 2023 16:45

Instrument :

MSVOA_D

ClientSampleId :

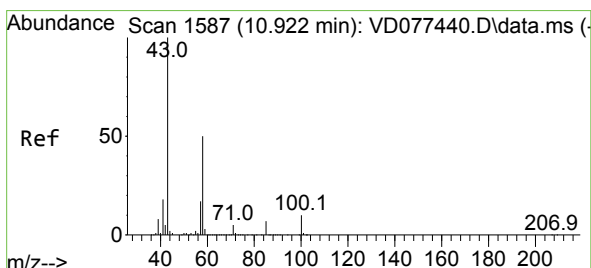
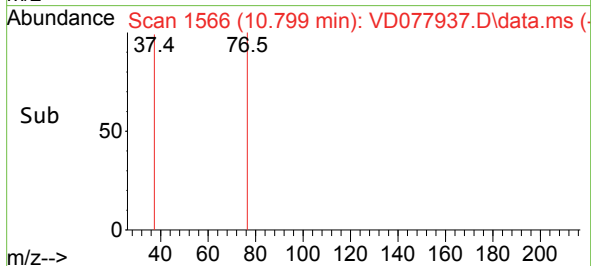
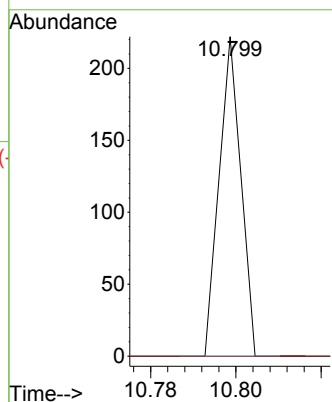


Tgt Ion: 76 Resp: 78

Ion Ratio Lower Upper

76 100

78 0.0 26.4 39.6#



#59

2-Hexanone

Concen: 5.073 ug/l

RT: 10.904 min Scan# 1584

Delta R.T. -0.018 min

Lab File: VD077937.D

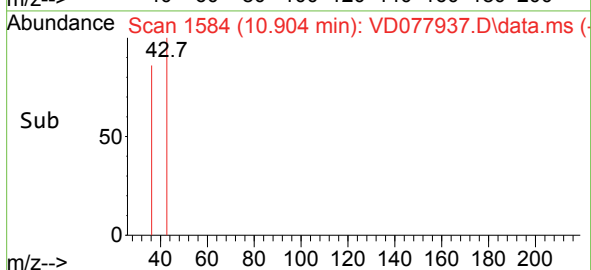
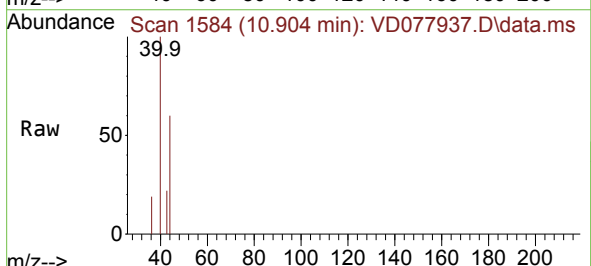
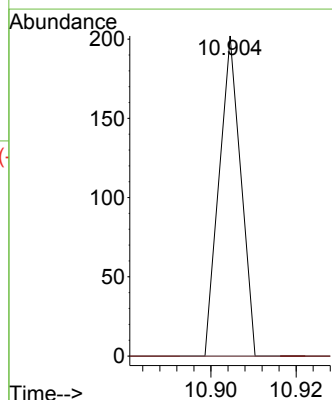
Acq: 16 Dec 2023 16:45

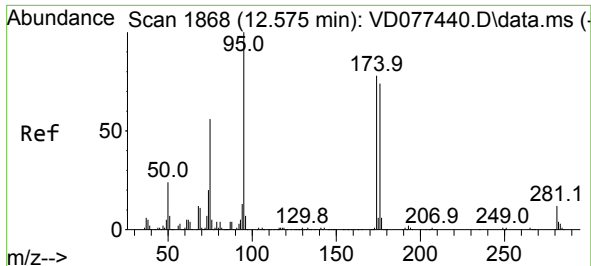
Tgt Ion: 43 Resp: 71

Ion Ratio Lower Upper

43 100

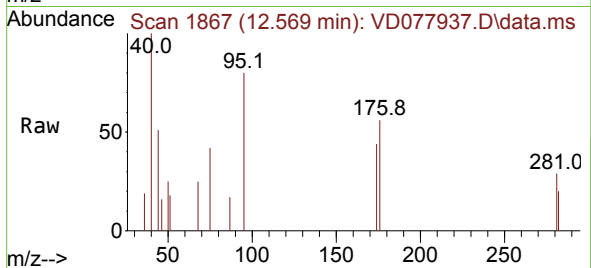
58 0.0 34.1 102.2#



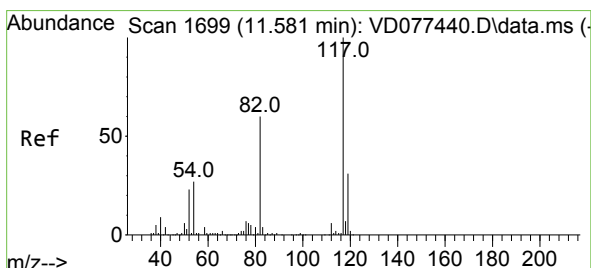
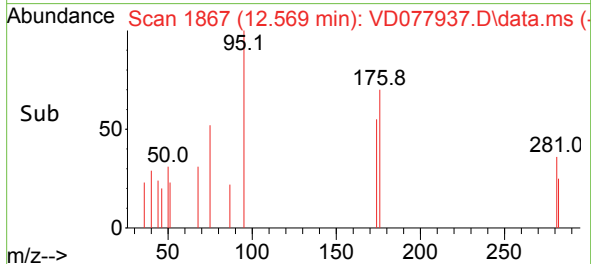
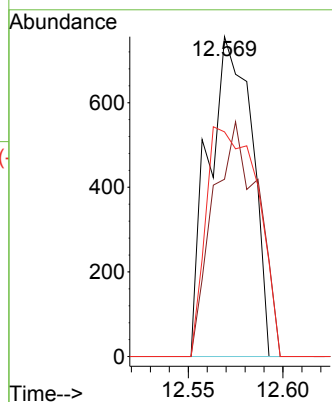


#62
4-Bromofluorobenzene
Concen: 33.700 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Instrument :
MSVOA_D
ClientSampleId :

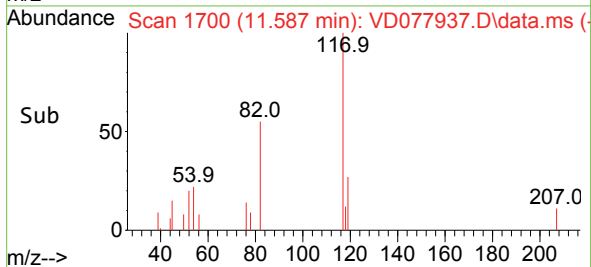
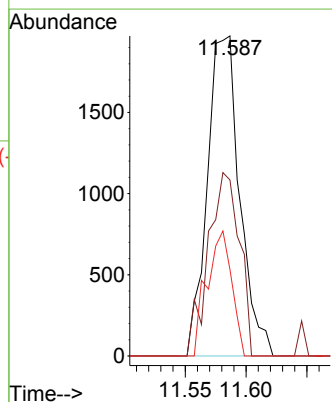
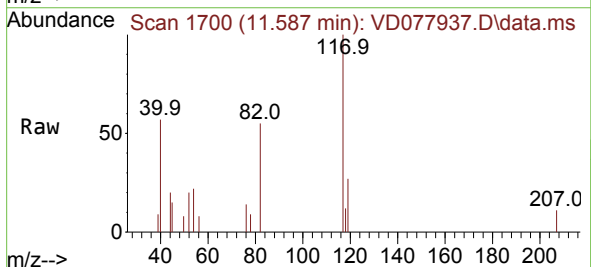


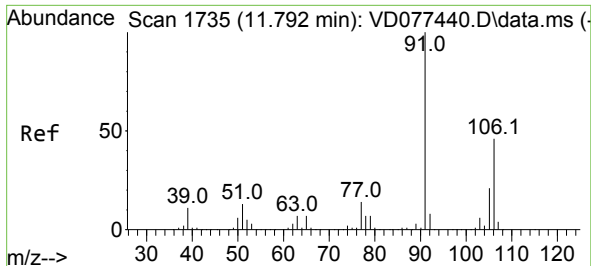
Tgt Ion: 95 Resp: 1203
Ion Ratio Lower Upper
95 100
174 76.4 0.0 201.8
176 85.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Tgt Ion: 117 Resp: 3661
Ion Ratio Lower Upper
117 100
82 55.0 38.3 57.5
119 27.0 25.0 37.4

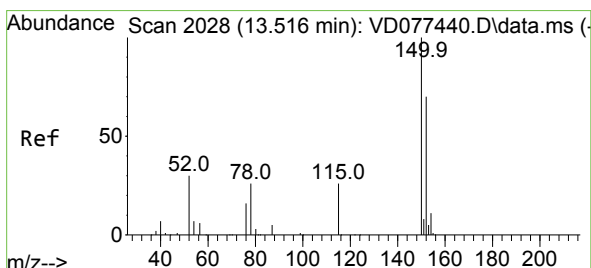
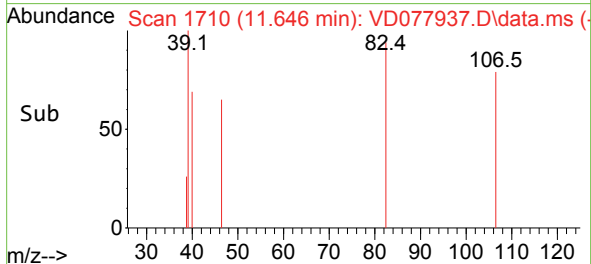
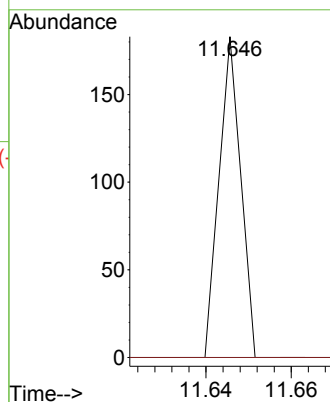
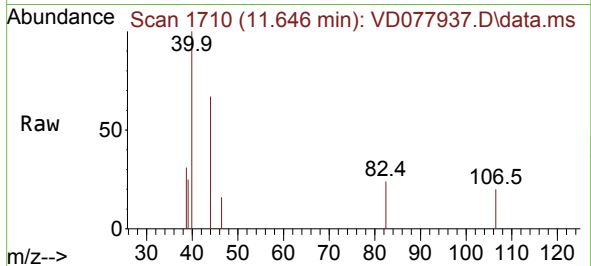




#68
m/p-Xylenes
Concen: 1.115 ug/l
RT: 11.646 min Scan# 11
Delta R.T. -0.146 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

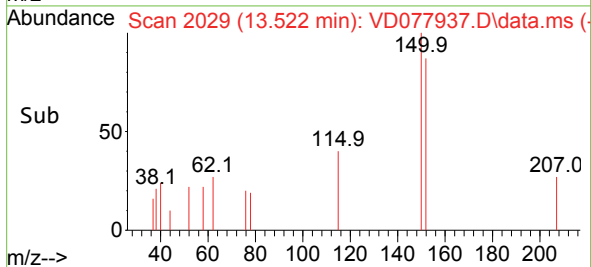
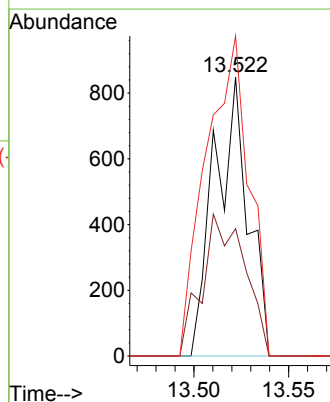
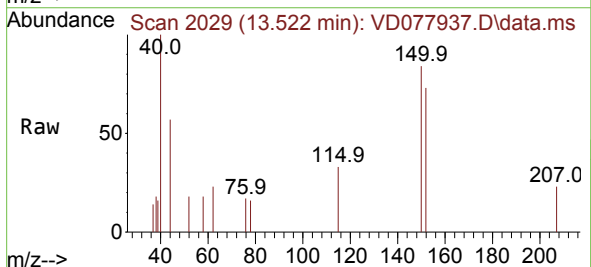
Instrument :
MSVOA_D
ClientSampleId :

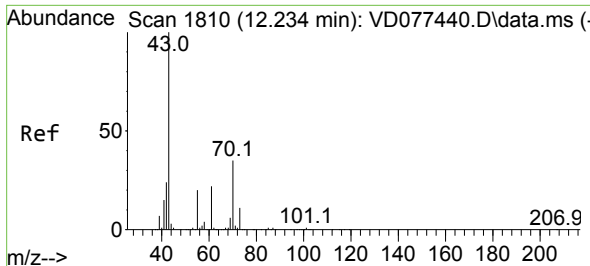
Tgt Ion:106 Resp: 65
Ion Ratio Lower Upper
106 100
91 0.0 147.0 220.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

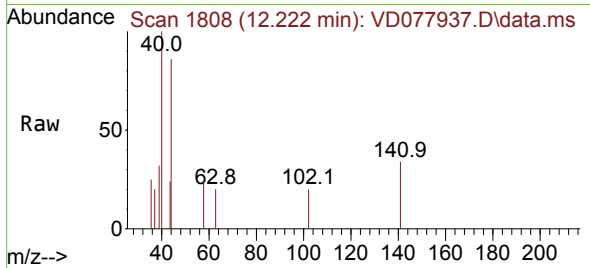
Tgt Ion:152 Resp: 1047
Ion Ratio Lower Upper
152 100
115 64.7 27.1 81.3
150 146.2 0.0 353.6



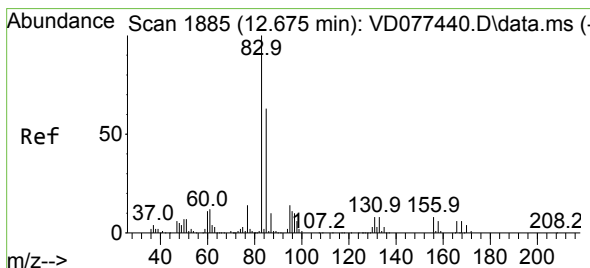
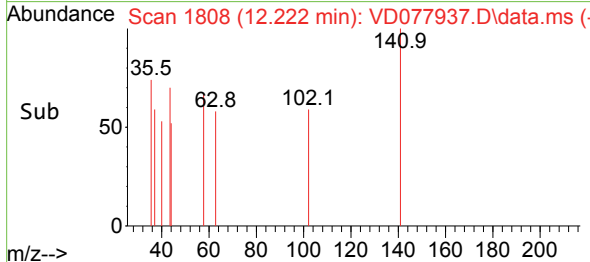
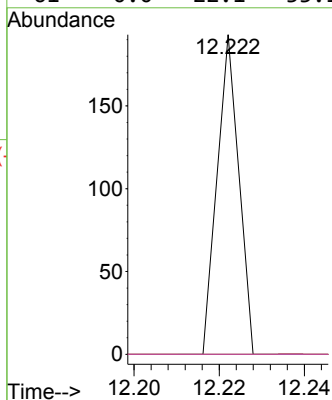


#74
N-amy1 acetate
Concen: 4.359 ug/l
RT: 12.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Instrument :
MSVOA_D
ClientSampleId :

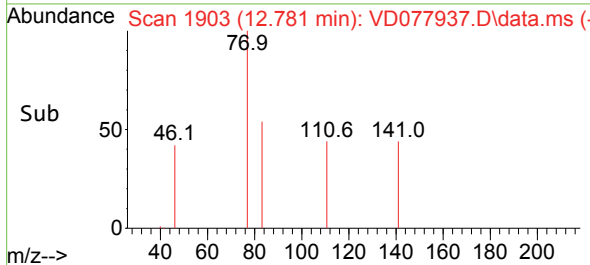
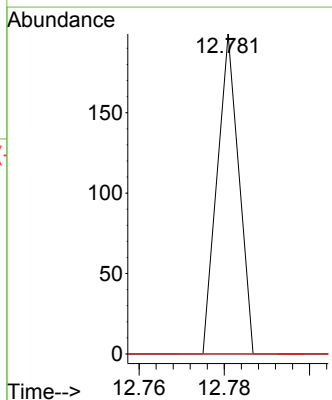
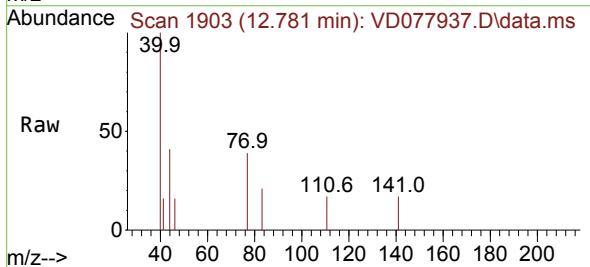


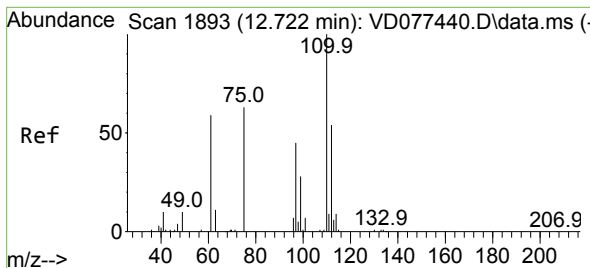
Tgt Ion: 43	Resp: 68
Ion Ratio	Lower Upper
43	100
70	0.0 45.0 67.4#
55	0.0 23.8 35.6#
61	0.0 22.1 33.1#



#75
1,1,2,2-Tetrachloroethane
Concen: 5.059 ug/l
RT: 12.781 min Scan# 1903
Delta R.T. 0.106 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Tgt Ion: 83	Resp: 70
Ion Ratio	Lower Upper
83	100
131	0.0 5.1 15.3#
85	0.0 32.6 97.8#





#76

1,2,3-Trichloropropane

Concen: 6.818 ug/l

RT: 12.734 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VD077937.D

Acq: 16 Dec 2023 16:45

Instrument :

MSVOA_D

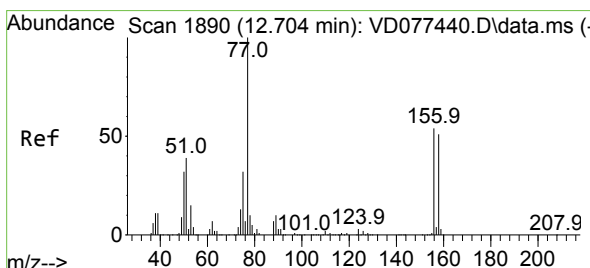
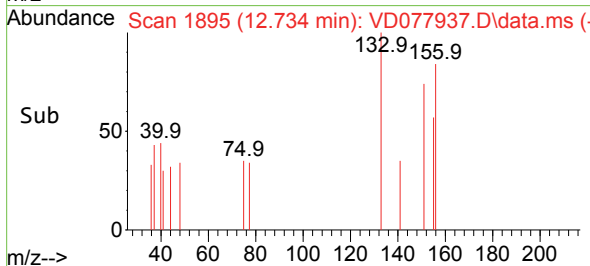
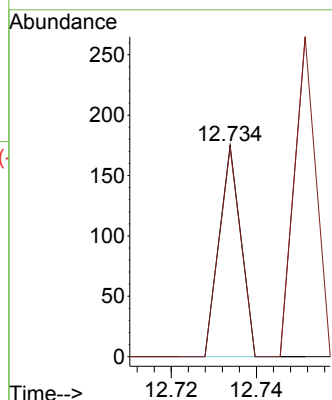
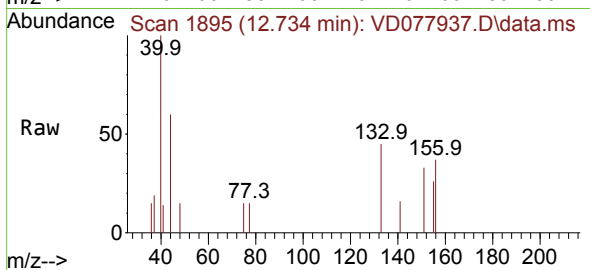
ClientSampleId :

Tgt Ion: 75 Resp: 62

Ion Ratio Lower Upper

75 100

77 98.4 0.0 0.0#



#77

Bromobenzene

Concen: 24.967 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077937.D

Acq: 16 Dec 2023 16:45

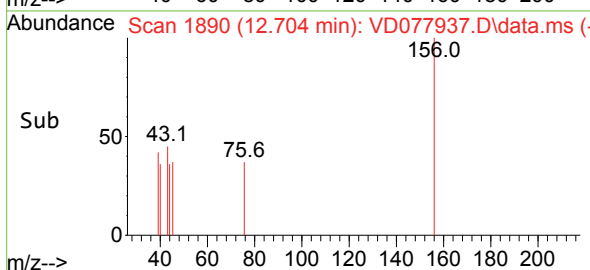
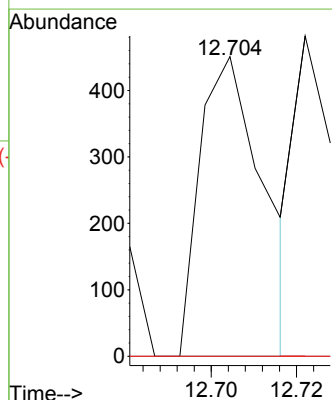
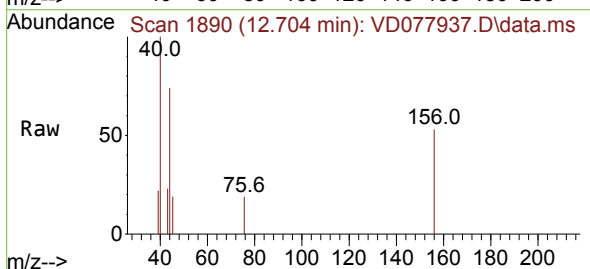
Tgt Ion: 156 Resp: 466

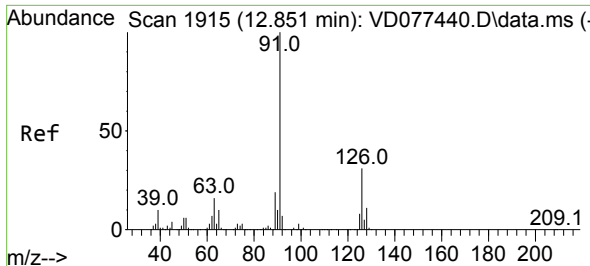
Ion Ratio Lower Upper

156 100

77 0.0 76.8 230.4#

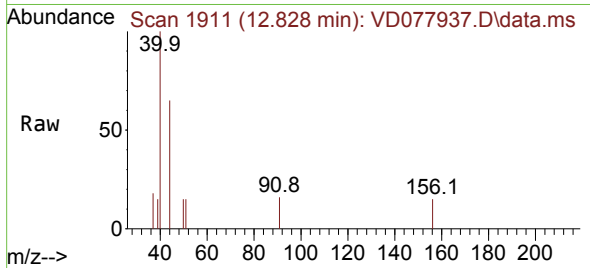
158 0.0 48.6 145.9#



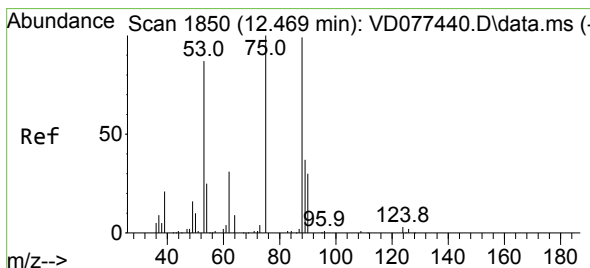
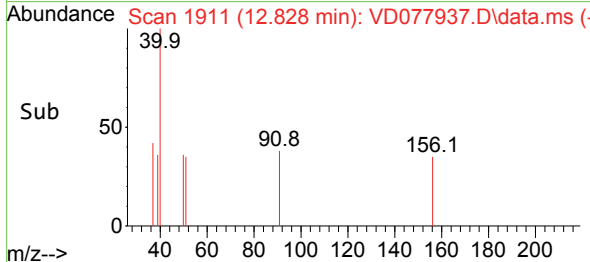
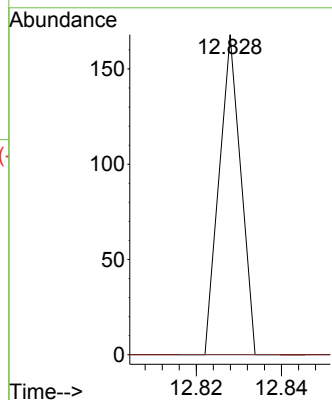


#79
2-Chlorotoluene
Concen: 1.139 ug/l
RT: 12.828 min Scan# 1911
Delta R.T. -0.023 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Instrument :
MSVOA_D
ClientSampleId :

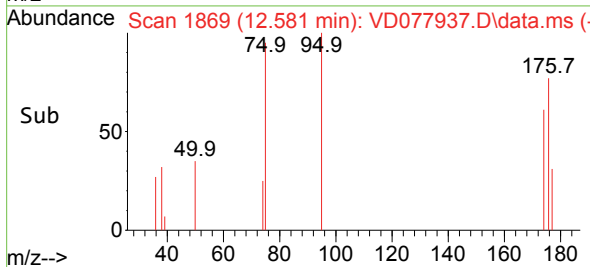
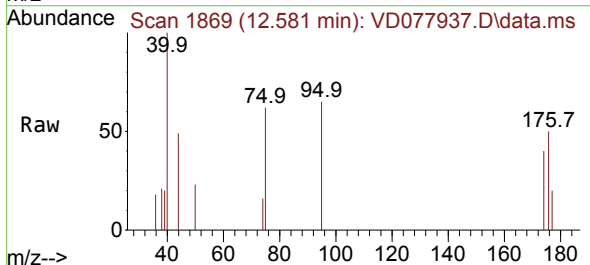
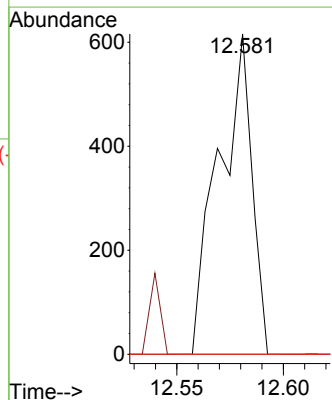


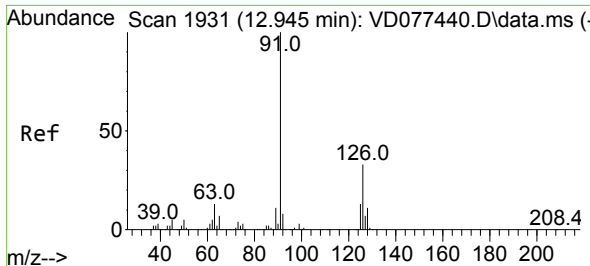
Tgt Ion: 91 Resp: 59
Ion Ratio Lower Upper
91 100
126 0.0 19.4 58.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 148.837 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.112 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Tgt Ion: 75 Resp: 668
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

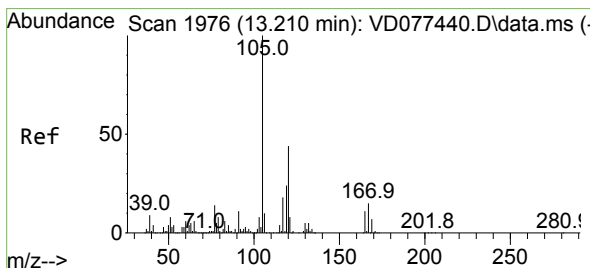
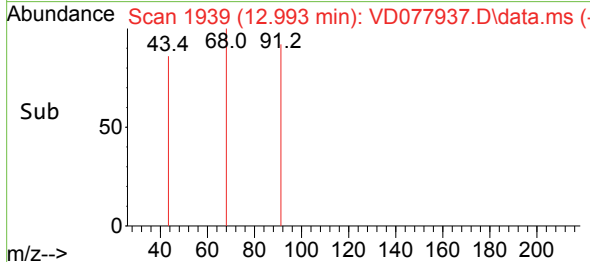
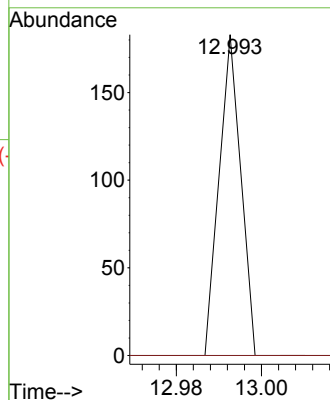
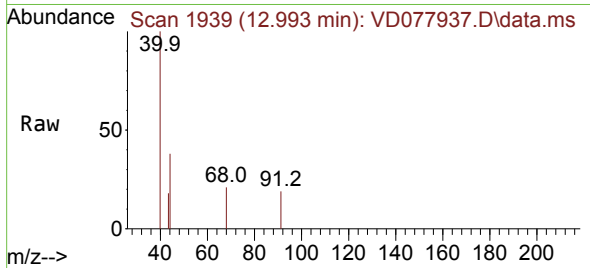




#82
4-Chlorotoluene
Concen: 1.200 ug/l
RT: 12.993 min Scan# 1939
Delta R.T. 0.048 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

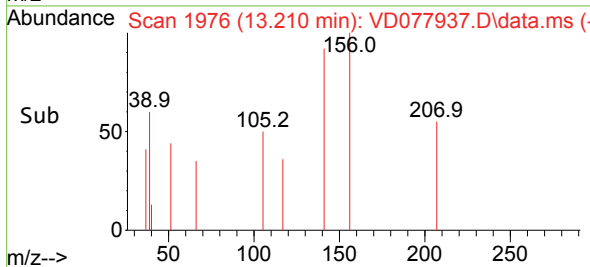
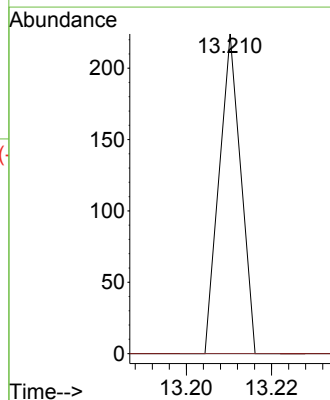
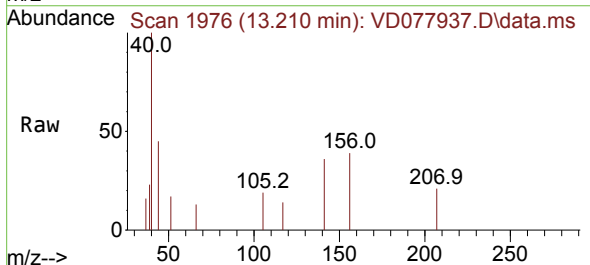
Instrument :
MSVOA_D
ClientSampleId :

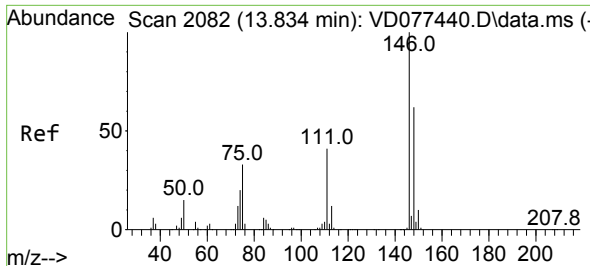
Tgt Ion: 91 Resp: 65
Ion Ratio Lower Upper
91 100
126 0.0 19.4 58.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.193 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

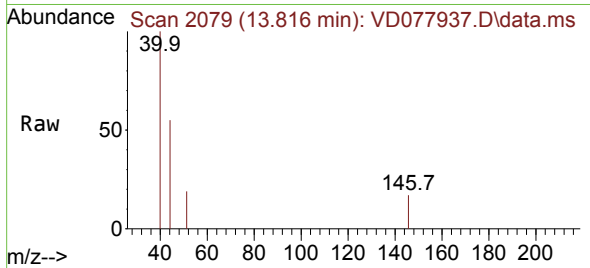
Tgt Ion: 105 Resp: 79
Ion Ratio Lower Upper
105 100
120 0.0 24.3 72.9#



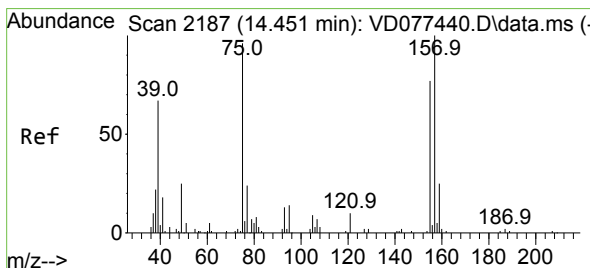
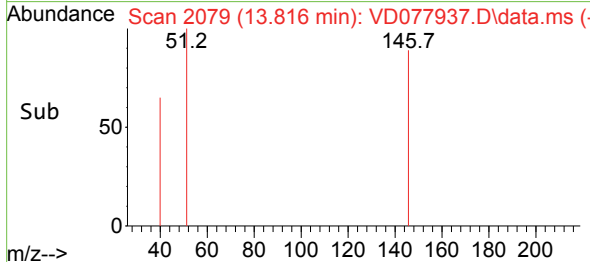
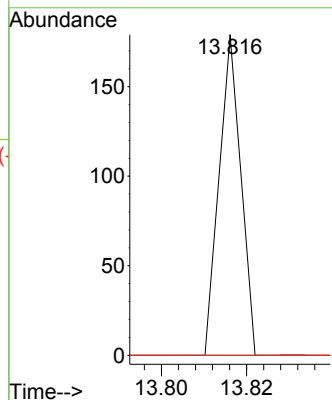


#91
 1,2-Dichlorobenzene
 Concen: 1.941 ug/l
 RT: 13.816 min Scan# 2082
 Delta R.T. -0.018 min
 Lab File: VD077937.D
 Acq: 16 Dec 2023 16:45

Instrument :
 MSVOA_D
 ClientSampleId :

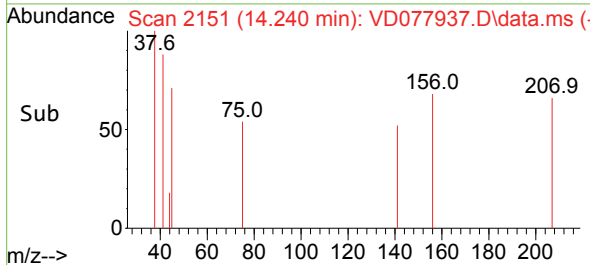
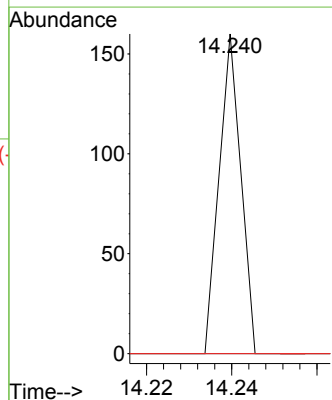
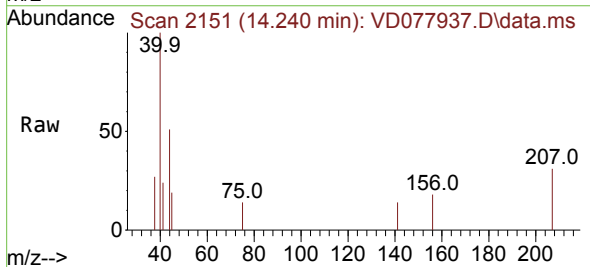


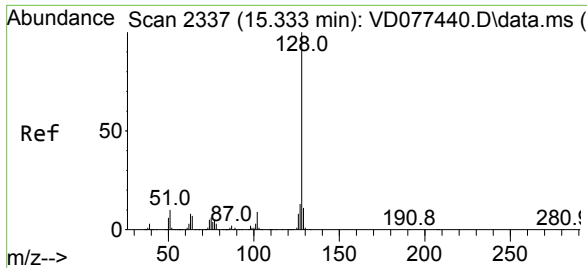
Tgt Ion:146 Resp: 63
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.3 54.8#
 148 0.0 31.6 94.7#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 27.499 ug/l
 RT: 14.240 min Scan# 2151
 Delta R.T. -0.211 min
 Lab File: VD077937.D
 Acq: 16 Dec 2023 16:45

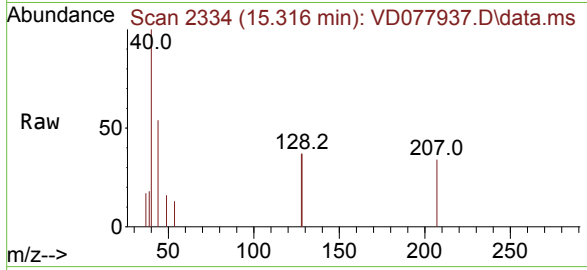
Tgt Ion: 75 Resp: 56
 Ion Ratio Lower Upper
 75 100
 155 0.0 47.9 143.8#
 157 0.0 59.9 179.7#





#95
Naphthalene
Concen: 43.131 ug/l
RT: 15.316 min Scan# 21
Delta R.T. -0.017 min
Lab File: VD077937.D
Acq: 16 Dec 2023 16:45

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 1589
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

