

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073441.D
 Acq On : 01 Jun 2022 11:57
 Operator : VA/SY
 Sample : VD0601SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0601SBL01

Quant Time: Jun 02 04:06:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

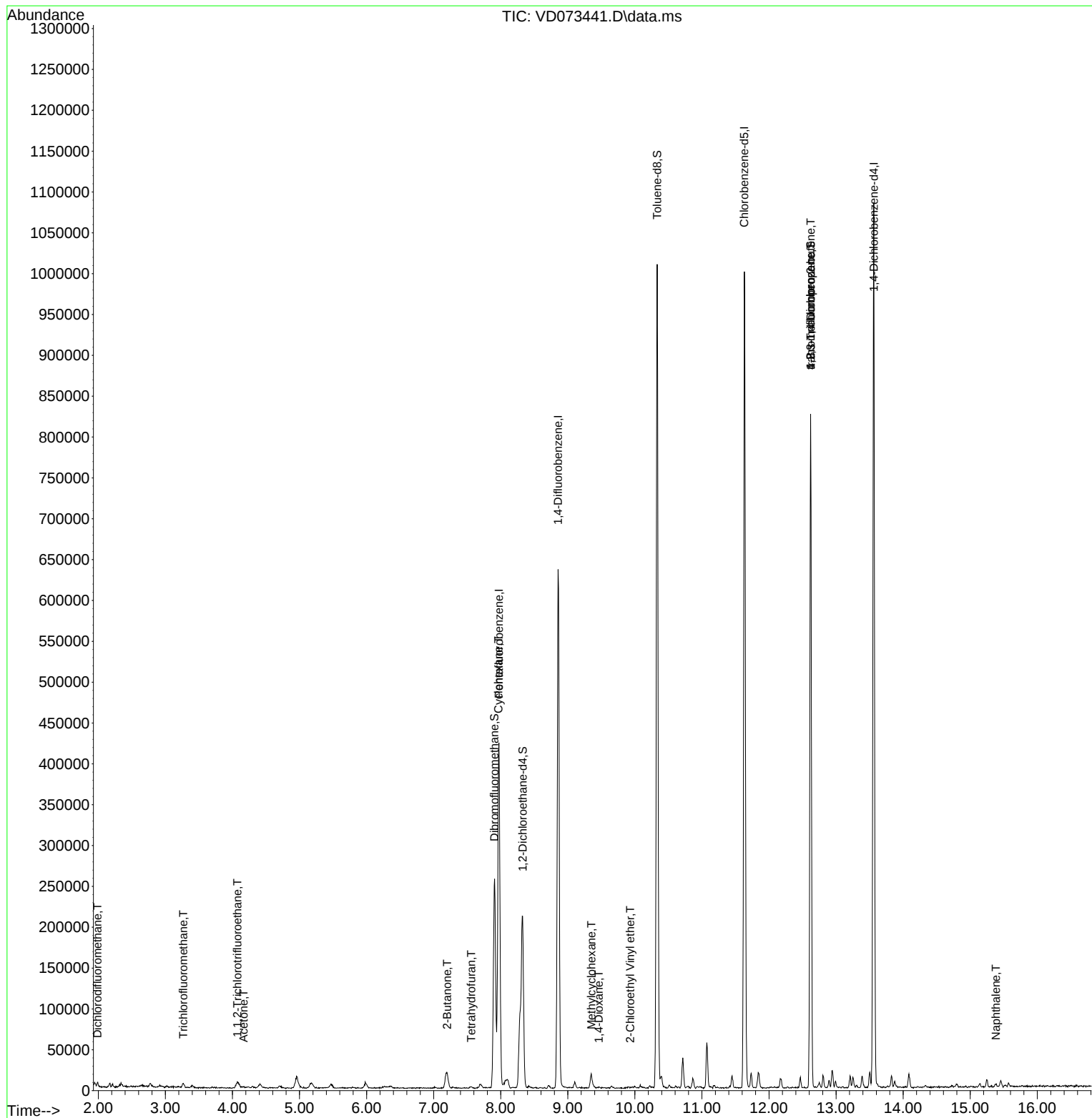
Internal Standards						
1) Pentafluorobenzene	7.973	168	309338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	558472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	590284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	284963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	161588	47.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.540%
35) Dibromofluoromethane	7.903	113	184246	49.997	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.000%
50) Toluene-d8	10.332	98	680941	50.127	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.260%
62) 4-Bromofluorobenzene	12.620	95	268230	56.264	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.520%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	3920	1.268	ug/l	97
5) Bromomethane	2.773	94	2678	Below Cal	#	78
7) Trichlorofluoromethane	3.268	101	5849	1.035	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.073	101	3829	1.136	ug/l #	74
16) Acetone	4.168	43	2269	3.832	ug/l	98
20) Methylene Chloride	4.956	84	10067	Below Cal	#	85
25) 2-Butanone	7.203	43	1243	1.435	ug/l #	59
29) Tetrahydrofuran	7.561	42	710	1.267	ug/l #	84
31) Cyclohexane	7.967	56	10577	1.770	ug/l #	1
39) Methylcyclohexane	9.350	83	6412	1.038	ug/l #	84
49) 1,4-Dioxane	9.461	88	71	3.112	ug/l #	21
58) 2-Chloroethyl Vinyl ether	9.932	63	367	21.833	ug/l #	48
76) 1,2,3-Trichloropropane	12.620	75	130815	46.787	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	130815	112.321	ug/l #	7
95) Naphthalene	15.385	128	3517	3.892	ug/l #	95

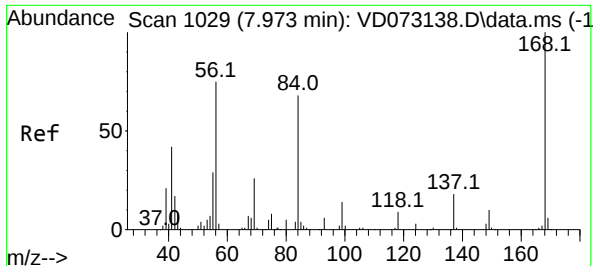
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
Data File : VD073441.D
Acq On : 01 Jun 2022 11:57
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ClientSampleId :
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Quant Time: Jun 02 04:06:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

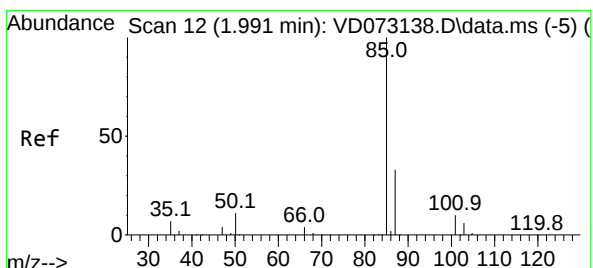
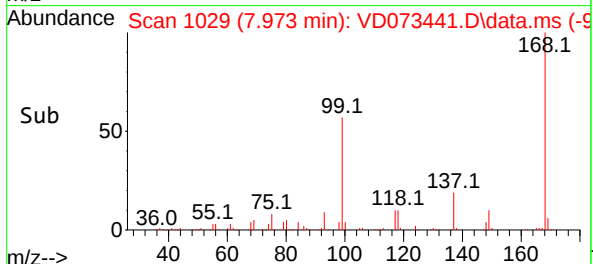
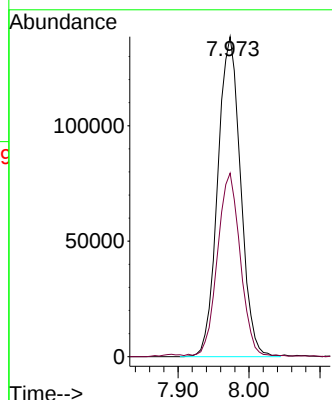
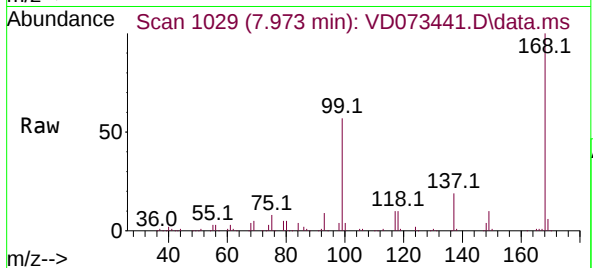




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

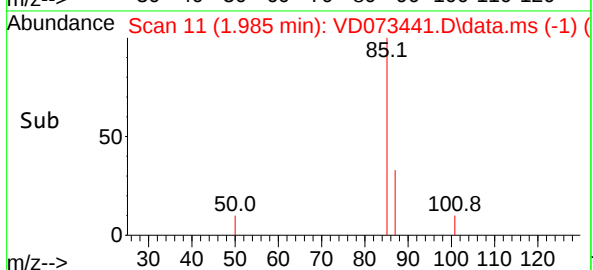
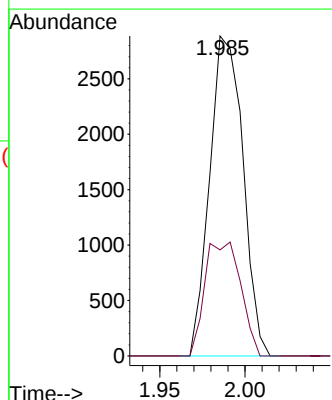
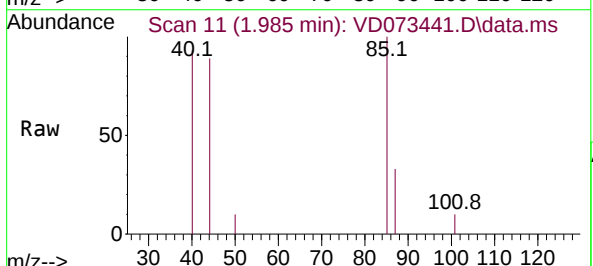
Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01

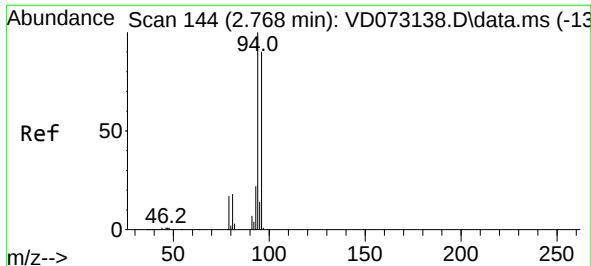
Tgt Ion:168 Resp: 309338
Ion Ratio Lower Upper
168 100
99 57.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 1.268 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

Tgt Ion: 85 Resp: 3920
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0

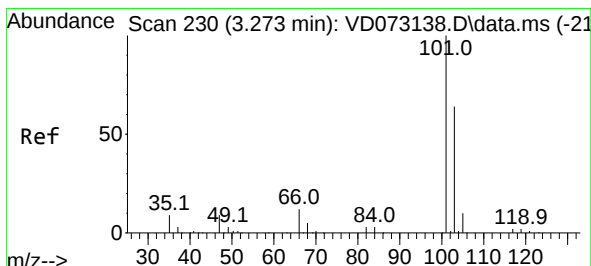
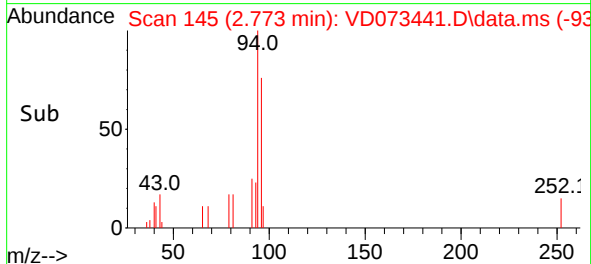
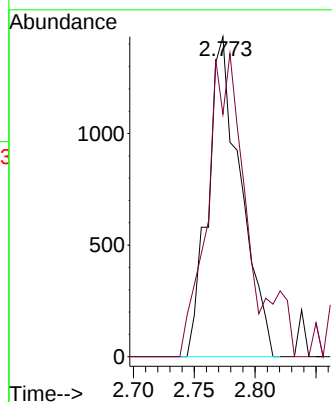
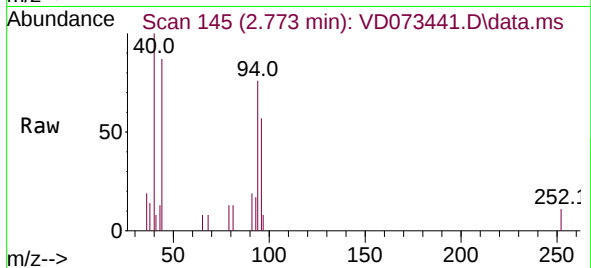




#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 144
Delta R.T. 0.005 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

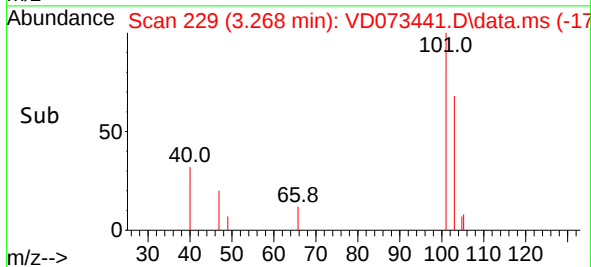
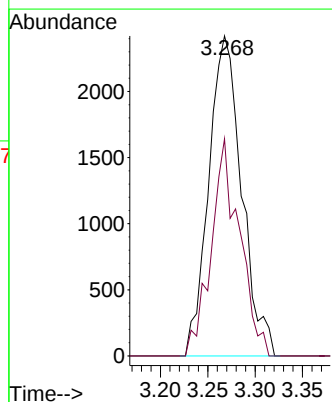
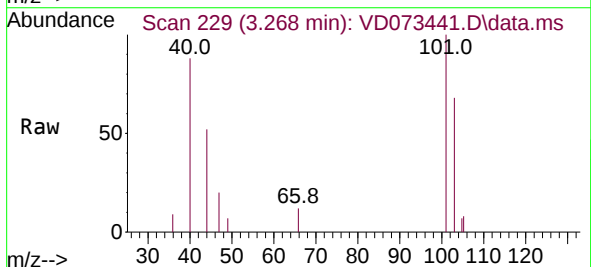
Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01

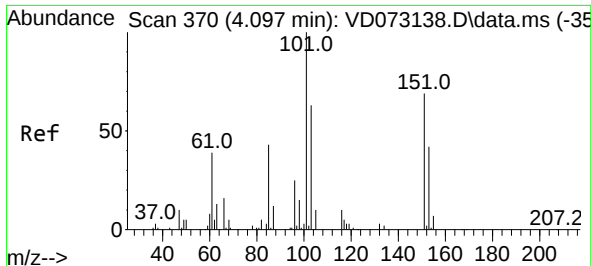
Tgt Ion: 94 Resp: 2678
Ion Ratio Lower Upper
94 100
96 75.7 77.6 116.4#



#7
Trichlorofluoromethane
Concen: 1.035 ug/l
RT: 3.268 min Scan# 229
Delta R.T. -0.005 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

Tgt Ion: 101 Resp: 5849
Ion Ratio Lower Upper
101 100
103 67.9 50.1 75.1

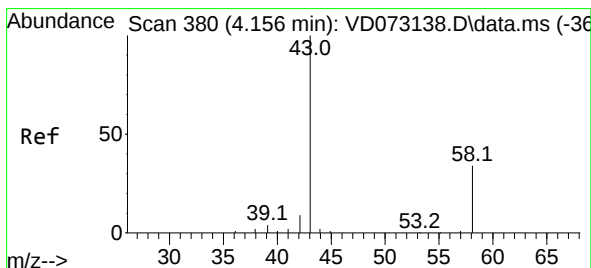
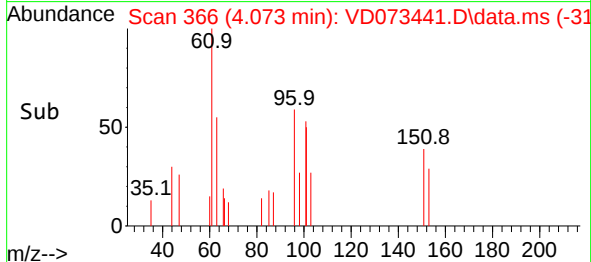
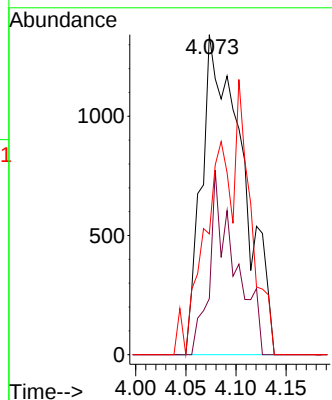
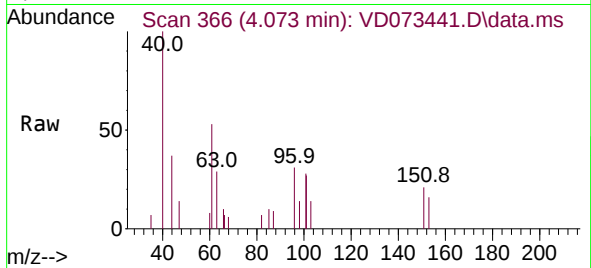




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.136 ug/l
RT: 4.073 min Scan# 30
Delta R.T. -0.024 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

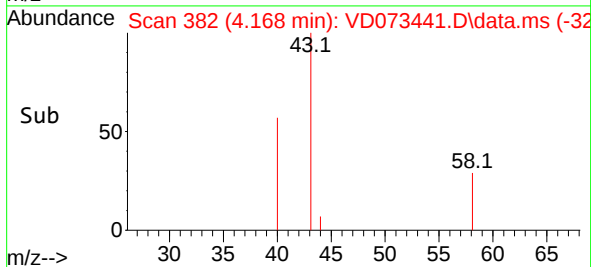
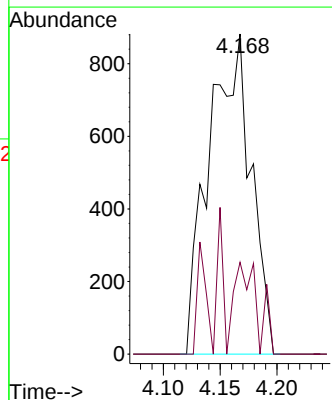
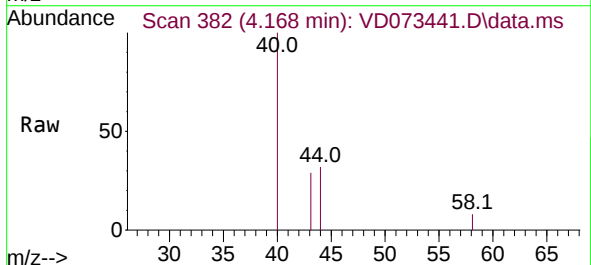
Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01

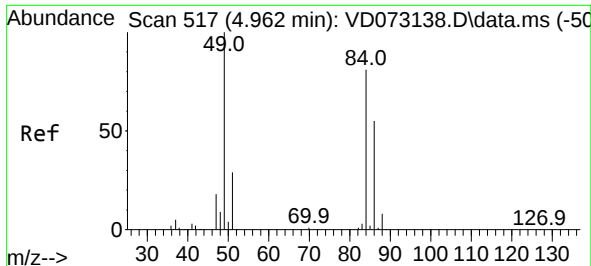
Tgt Ion:101 Resp: 3829
Ion Ratio Lower Upper
101 100
85 35.1 36.4 54.6#
151 44.7 57.3 85.9#



#16
Acetone
Concen: 3.832 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

Tgt Ion: 43 Resp: 2269
Ion Ratio Lower Upper
43 100
58 28.7 22.1 33.1

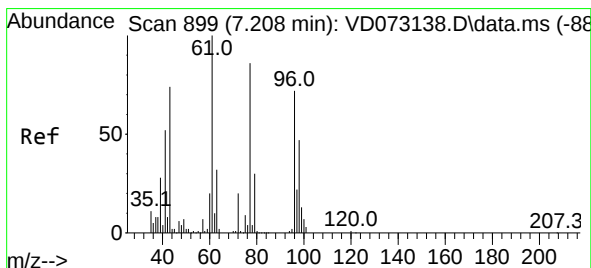
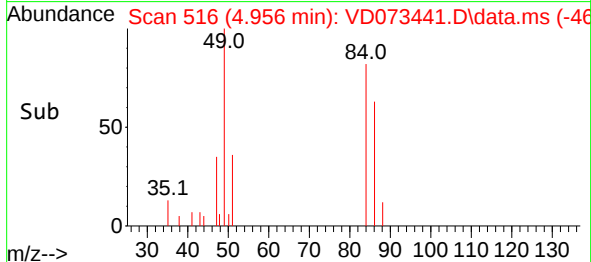
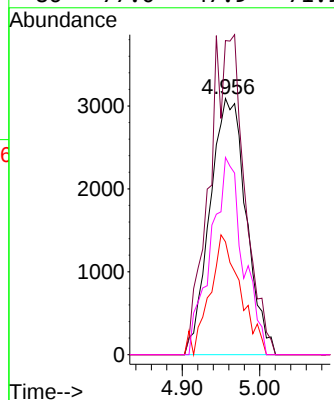
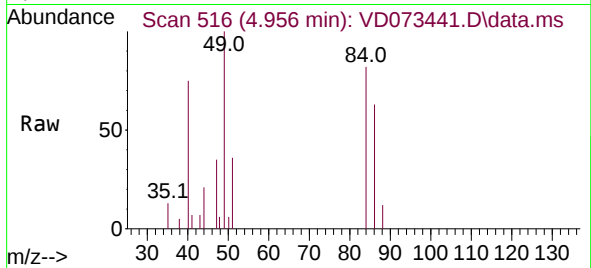




#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

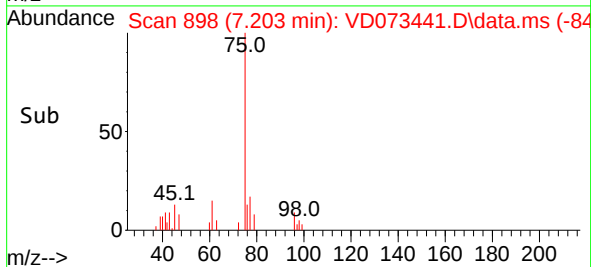
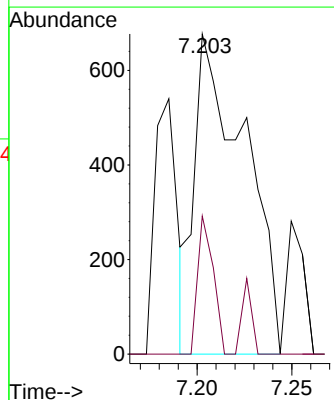
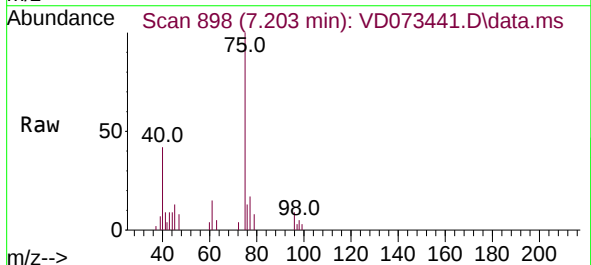
Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01

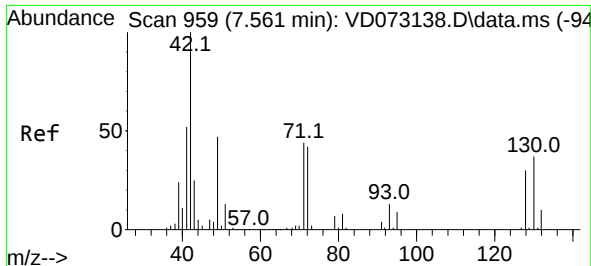
Tgt Ion:	84	Resp:	10067
Ion	Ratio	Lower	Upper
84	100		
49	122.6	112.8	169.2
51	44.1	32.6	48.8
86	77.0	47.9	71.9



#25
2-Butanone
Concen: 1.435 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.005 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

Tgt Ion:	43	Resp:	1243
Ion	Ratio	Lower	Upper
43	100		
72	43.1	18.6	27.8





#29

Tetrahydrofuran

Concen: 1.267 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073441.D

Acq: 01 Jun 2022 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0601SBL01

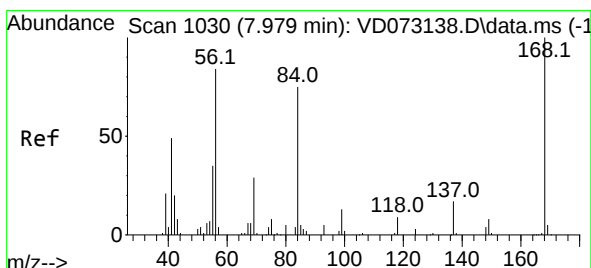
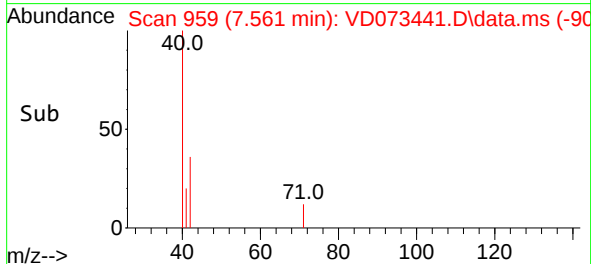
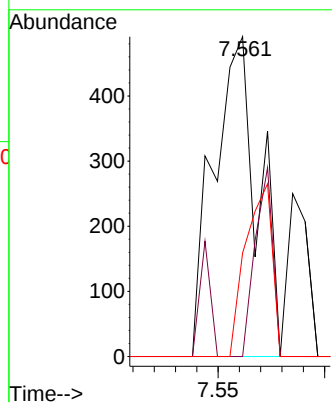
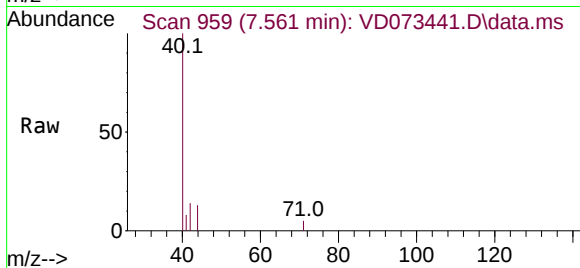
Tgt Ion: 42 Resp: 710

Ion Ratio Lower Upper

42 100

72 23.2 30.7 46.1#

71 32.1 28.6 43.0



#31

Cyclohexane

Concen: 1.770 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073441.D

Acq: 01 Jun 2022 11:57

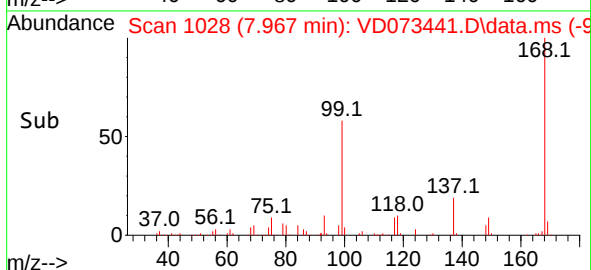
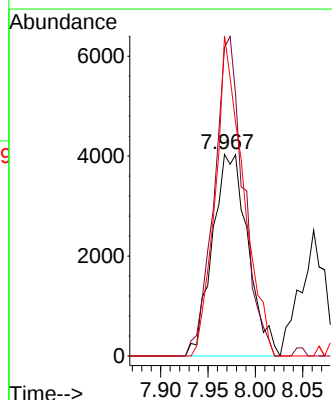
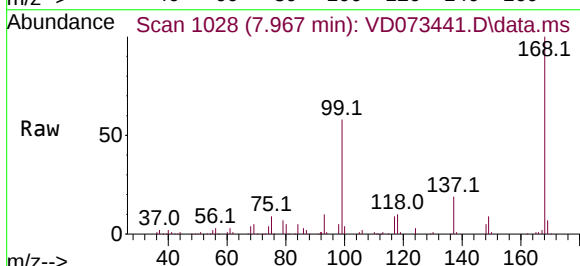
Tgt Ion: 56 Resp: 10577

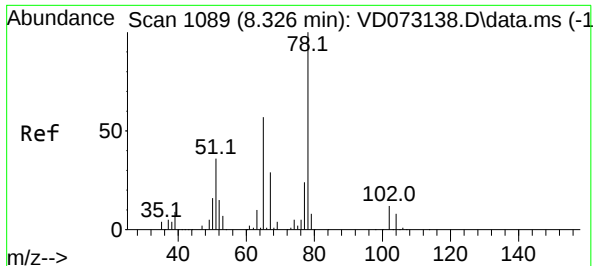
Ion Ratio Lower Upper

56 100

69 153.0 25.4 38.2#

84 158.7 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.267 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073441.D

Acq: 01 Jun 2022 11:57

Instrument :

MSVOA_D

ClientSampleId :

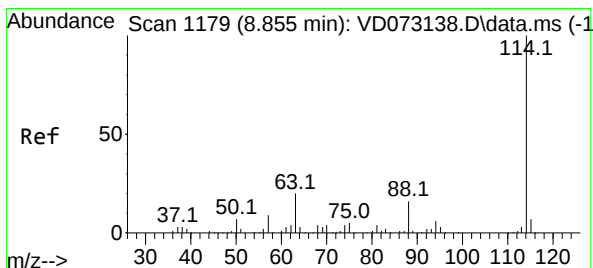
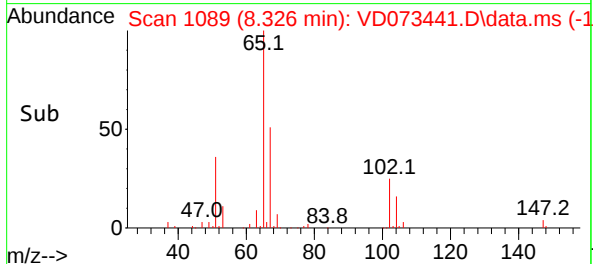
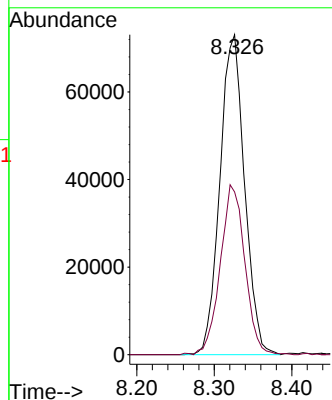
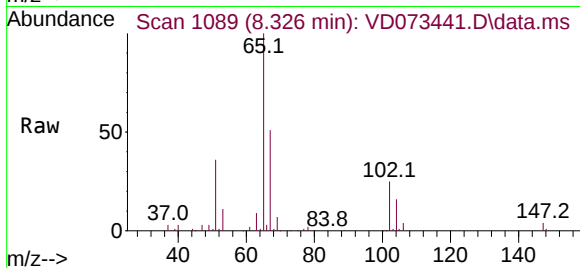
VD0601SBL01

Tgt Ion: 65 Resp: 161588

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073441.D

Acq: 01 Jun 2022 11:57

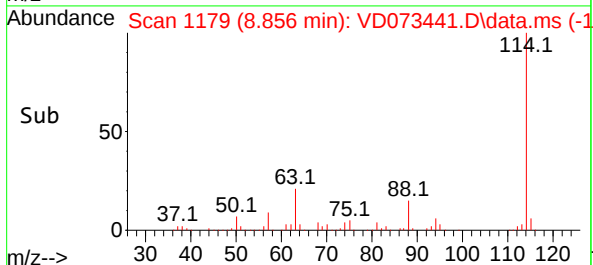
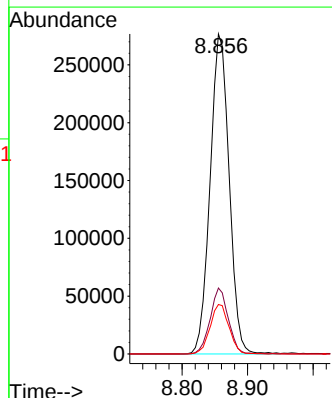
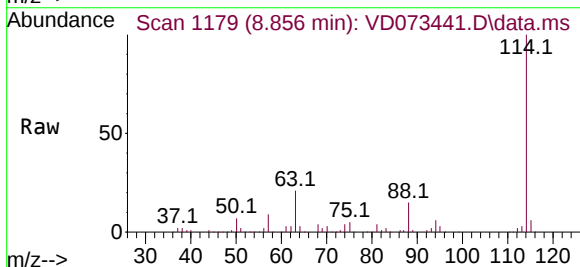
Tgt Ion: 114 Resp: 558472

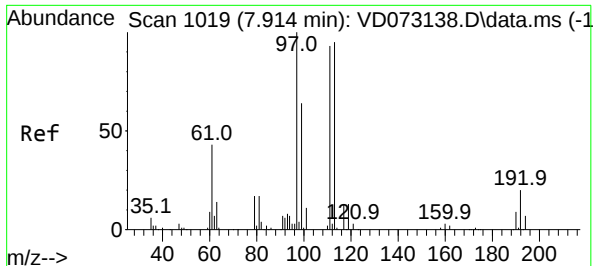
Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.997 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.011 min

Lab File: VD073441.D

Acq: 01 Jun 2022 11:57

Instrument :

MSVOA_D

ClientSampleId :

VD0601SBL01

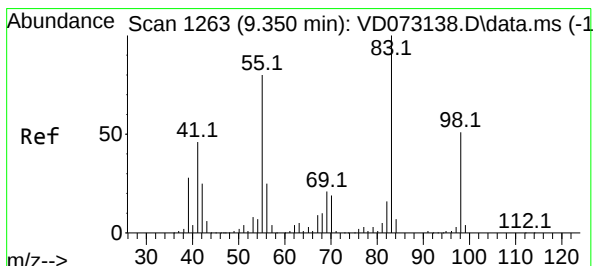
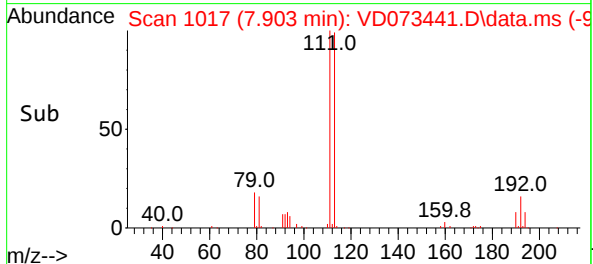
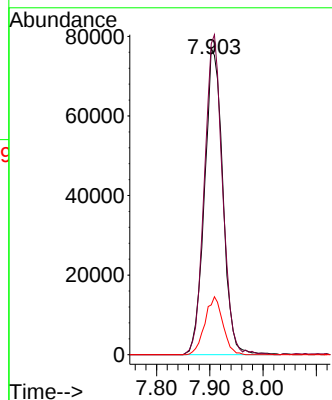
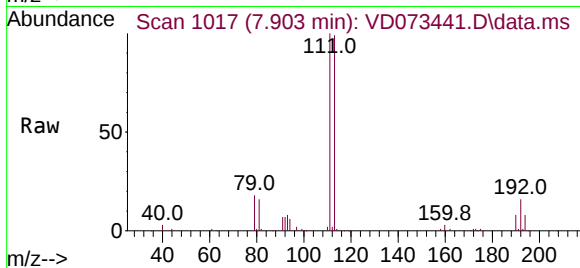
Tgt Ion:113 Resp: 184246

Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 18.5 14.6 21.8



#39

Methylcyclohexane

Concen: 1.038 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD073441.D

Acq: 01 Jun 2022 11:57

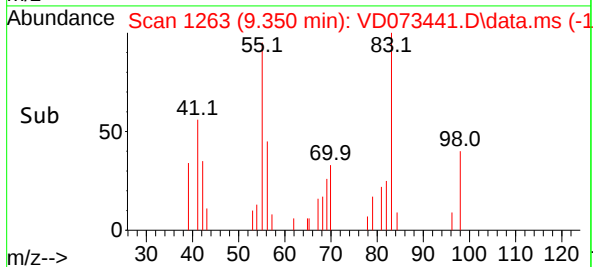
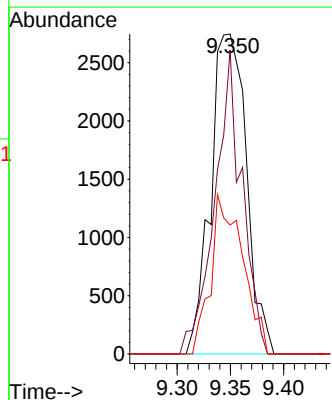
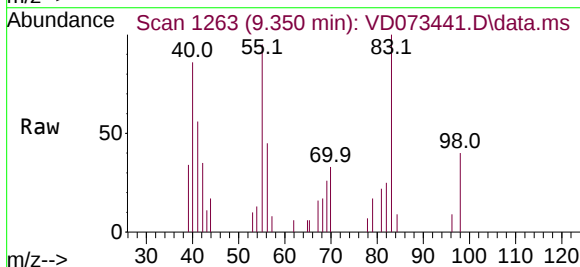
Tgt Ion: 83 Resp: 6412

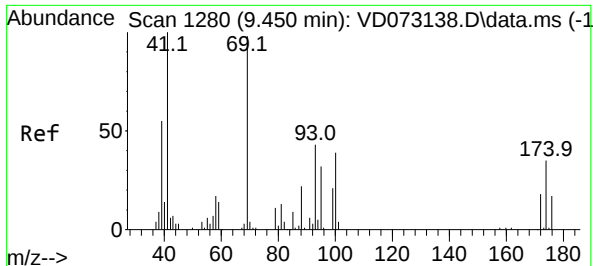
Ion Ratio Lower Upper

83 100

55 95.0 63.2 94.8#

98 40.3 38.2 57.4

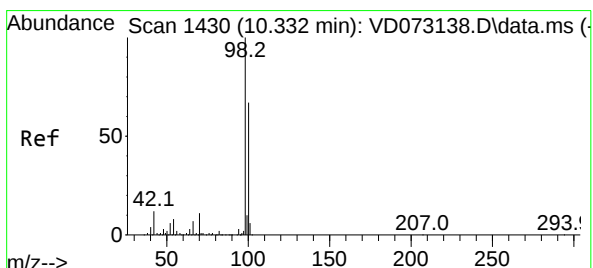
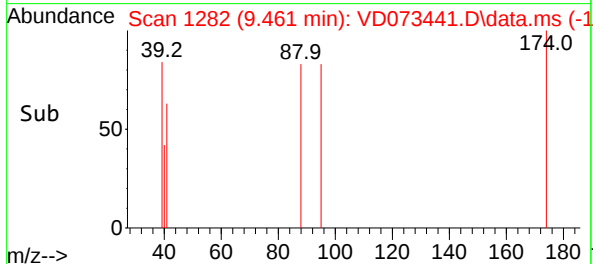
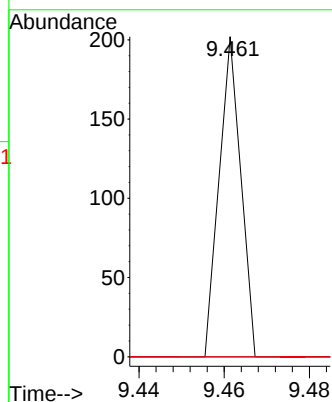
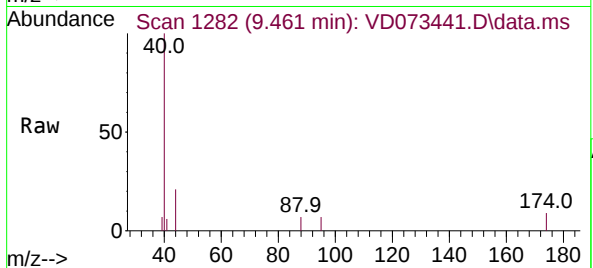




#49
1,4-Dioxane
Concen: 3.112 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.011 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

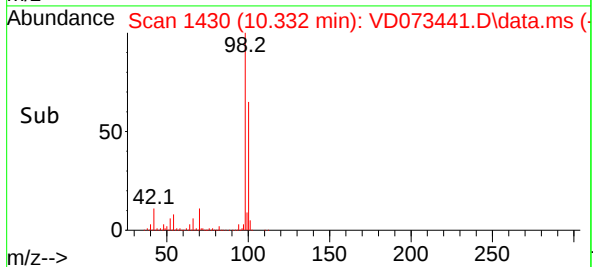
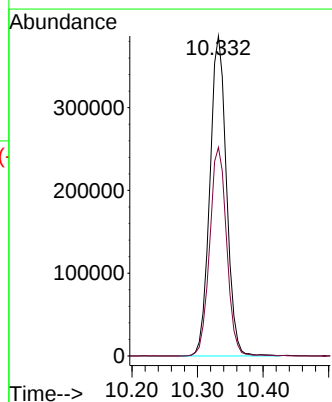
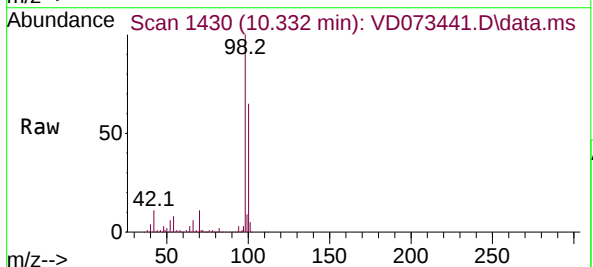
Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01

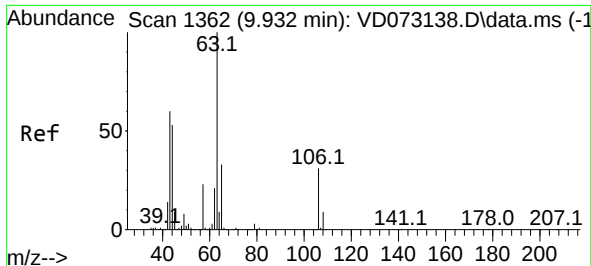
Tgt Ion: 88 Resp: 71
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 0.0 58.1 87.1#



#50
Toluene-d8
Concen: 50.127 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

Tgt Ion: 98 Resp: 680941
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6





#58

2-Chloroethyl Vinyl ether

Concen: 21.833 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073441.D

Acq: 01 Jun 2022 11:57

Instrument :

MSVOA_D

ClientSampleId :

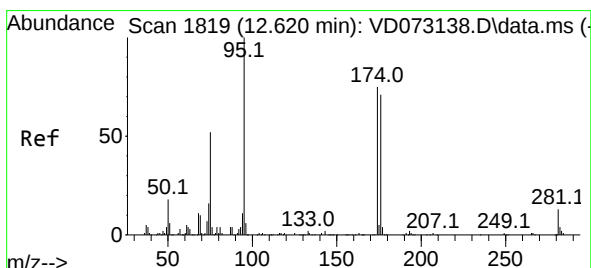
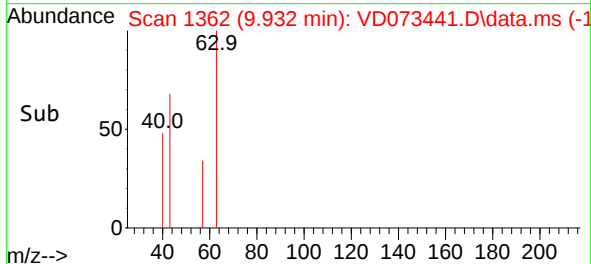
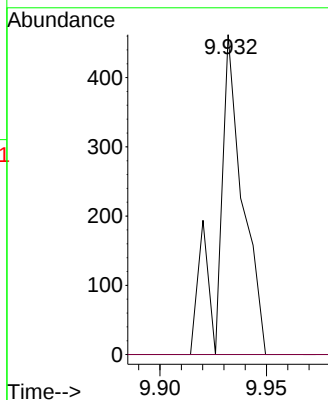
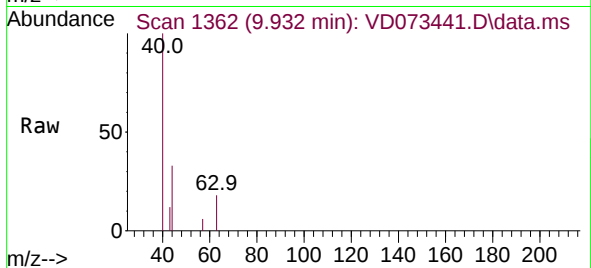
VD0601SBL01

Tgt Ion: 63 Resp: 367

Ion Ratio Lower Upper

63 100

106 0.0 21.4 32.0#



#62

4-Bromofluorobenzene

Concen: 56.264 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073441.D

Acq: 01 Jun 2022 11:57

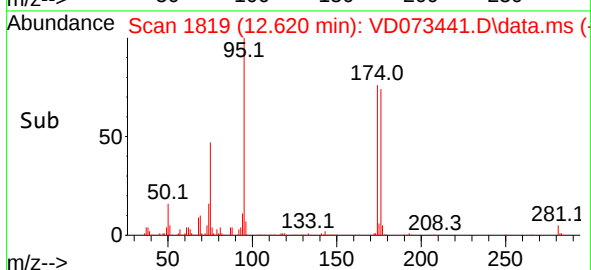
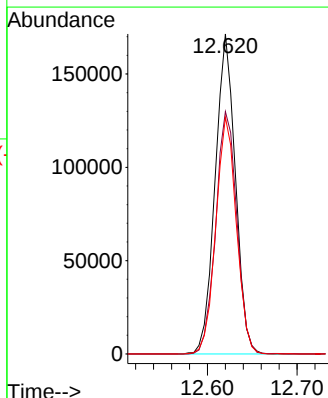
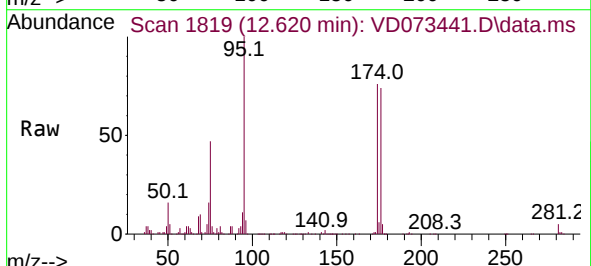
Tgt Ion: 95 Resp: 268230

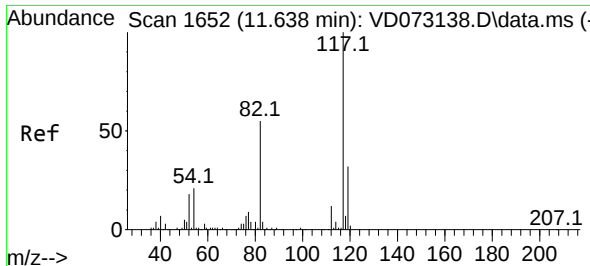
Ion Ratio Lower Upper

95 100

174 78.9 0.0 152.8

176 75.3 0.0 145.4

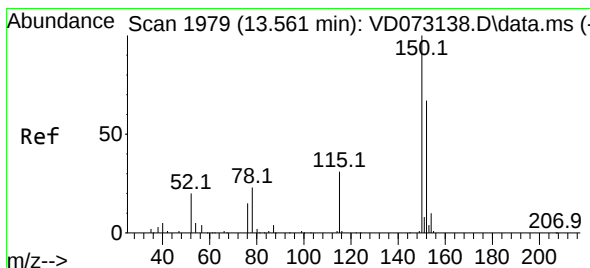
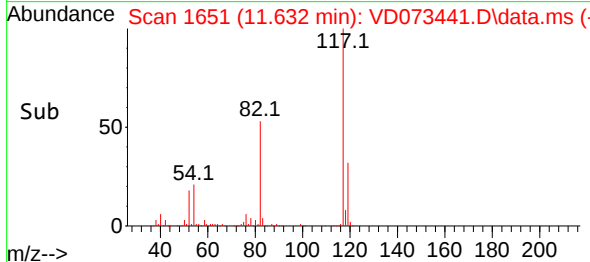
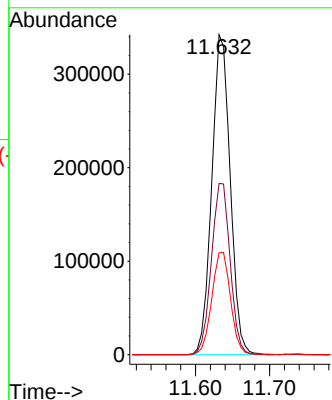
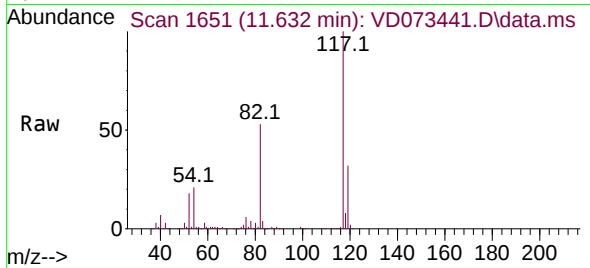




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

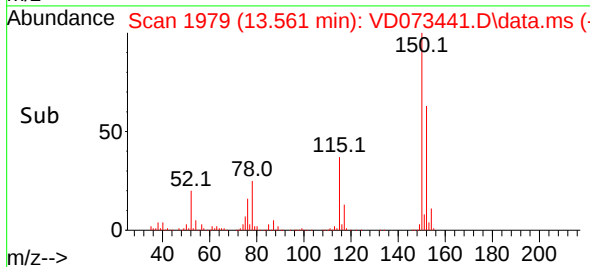
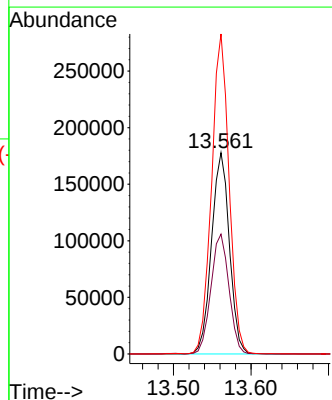
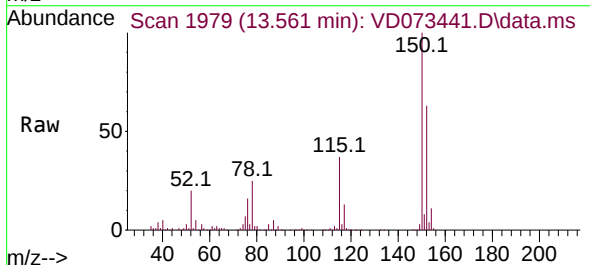
Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01

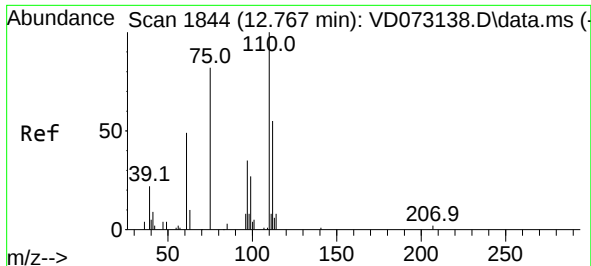
Tgt Ion:117 Resp: 590284
Ion Ratio Lower Upper
117 100
82 53.5 45.3 67.9
119 31.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

Tgt Ion:152 Resp: 284963
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 155.2 0.0 348.6

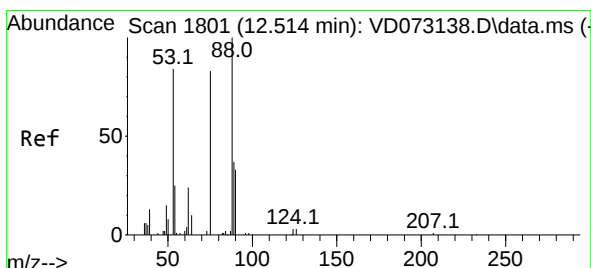
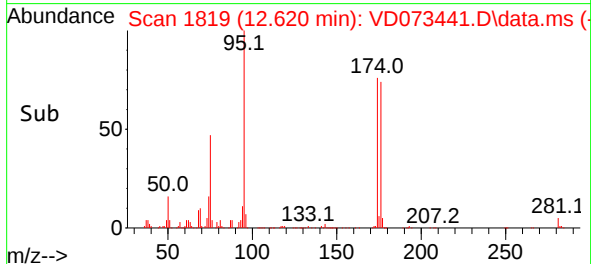
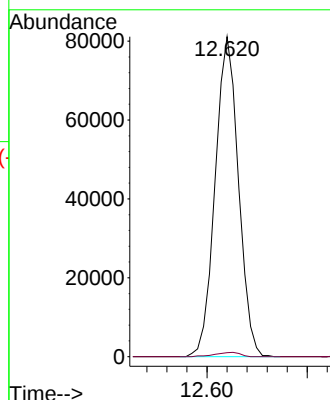
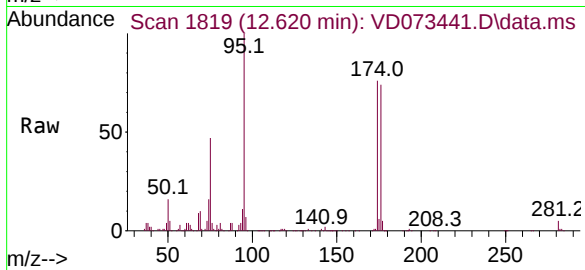




#76
1,2,3-Trichloropropane
Concen: 46.787 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

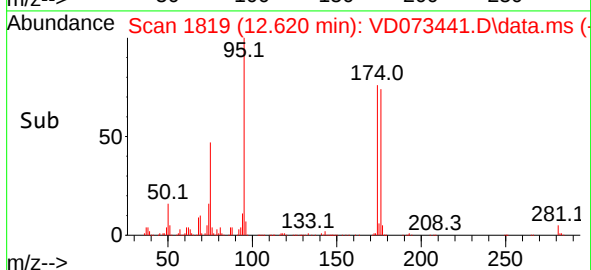
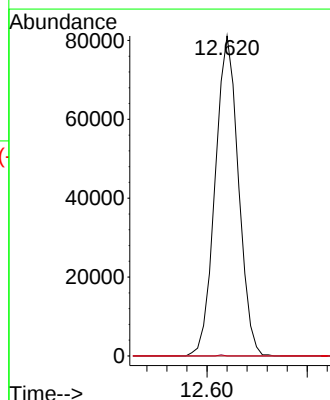
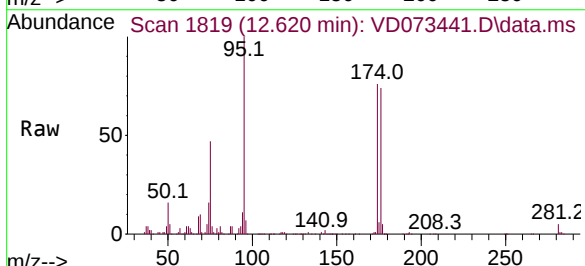
Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01

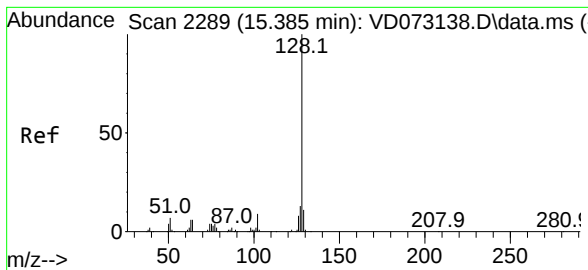
Tgt Ion: 75 Resp: 130815
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 112.321 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

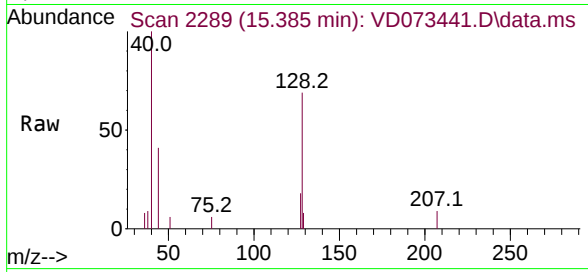
Tgt Ion: 75 Resp: 130815
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 3.892 ug/l
RT: 15.385 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073441.D
Acq: 01 Jun 2022 11:57

Instrument :
MSVOA_D
ClientSampleId :
VD0601SBL01



Tgt Ion:128 Resp: 3517
Ion Ratio Lower Upper
128 100
127 9.4 10.3 15.5#
129 10.3 8.4 12.6

