

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042922\
 Data File : VD072733.D
 Acq On : 29 Apr 2022 10:32
 Operator : VA/SY
 Sample : VD0429SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0429SBL01

Quant Time: Apr 30 01:49:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 16:01:06 2022
 Response via : Initial Calibration

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

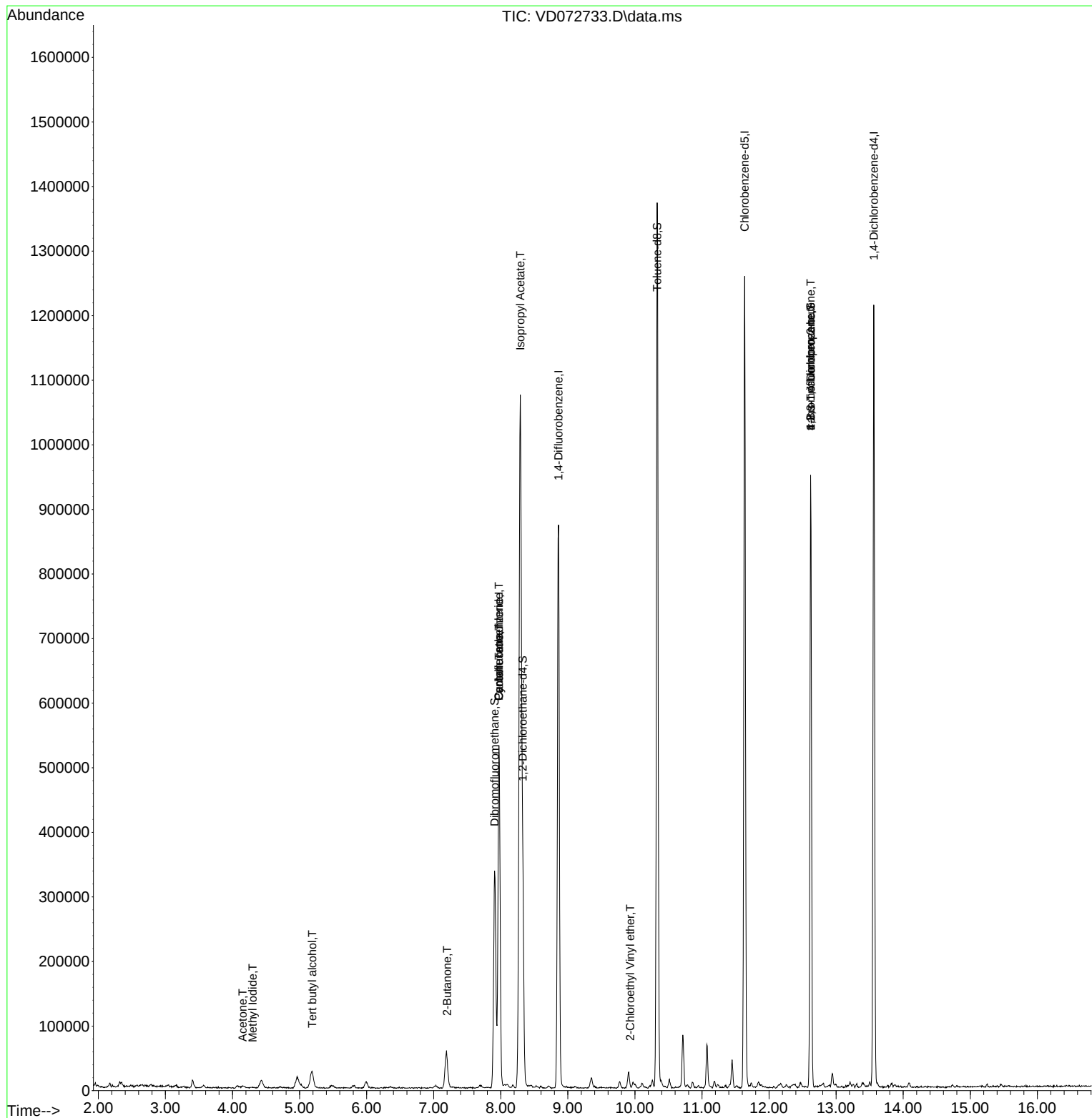
Internal Standards						
1) Pentafluorobenzene	7.973	168	362013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	737247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	690970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	298199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	245200	51.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.040%	
35) Dibromofluoromethane	7.908	113	242013	49.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.580%	
50) Toluene-d8	10.332	98	899882	50.840	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.620	95	309299	46.333	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.660%	
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	1890	5.006	ug/l #	82
11) Tert butyl alcohol	5.191	59	23910	19.346	ug/l #	76
16) Acetone	4.150	43	6014	6.385	ug/l #	86
20) Methylene Chloride	4.962	84	10985	Below Cal	#	82
25) 2-Butanone	7.203	43	4259	3.030	ug/l #	52
31) Cyclohexane	7.973	56	13041	1.563	ug/l #	40
38) Carbon Tetrachloride	7.973	117	40606	4.884	ug/l #	16
43) Isopropyl Acetate	8.291	43	29021	4.077	ug/l #	11
58) 2-Chloroethyl Vinyl ether	9.932	63	147	18.056	ug/l #	48
76) 1,2,3-Trichloropropane	12.620	75	168620	49.734	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	168620	116.436	ug/l #	7

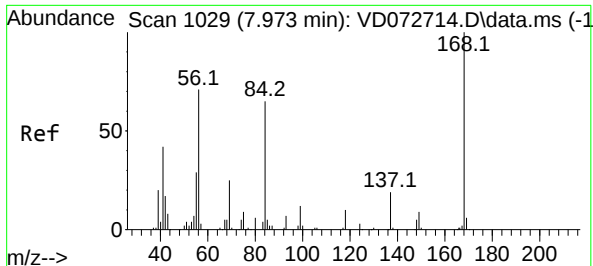
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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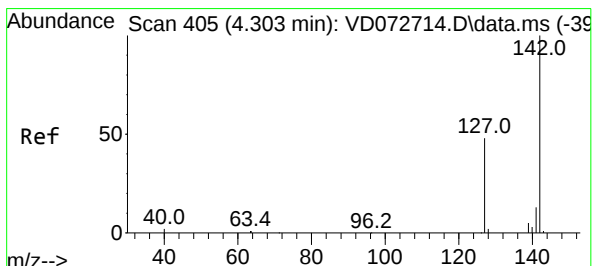
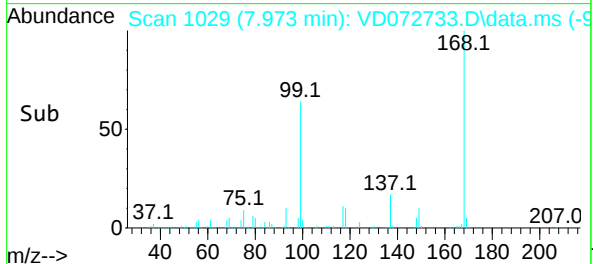
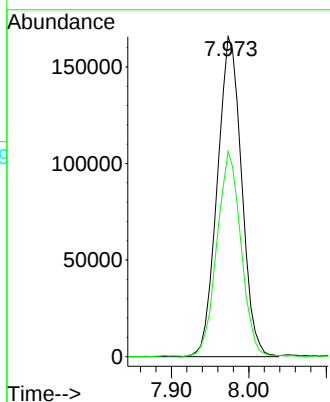
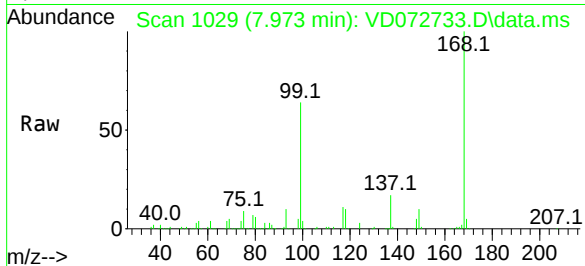




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

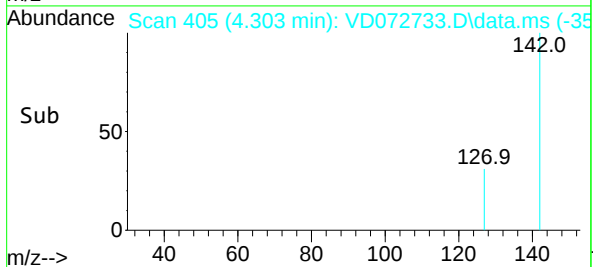
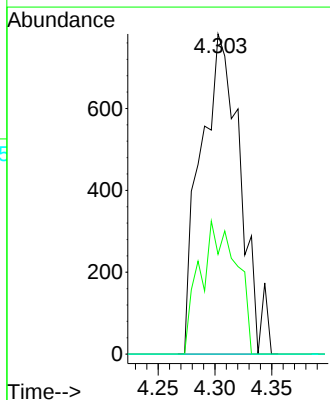
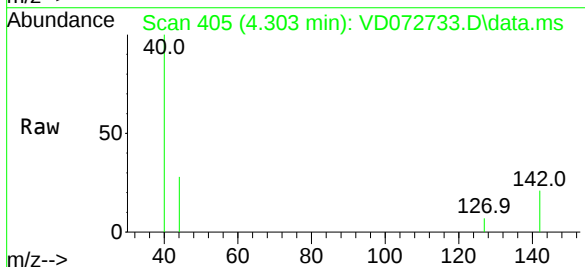
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBL01

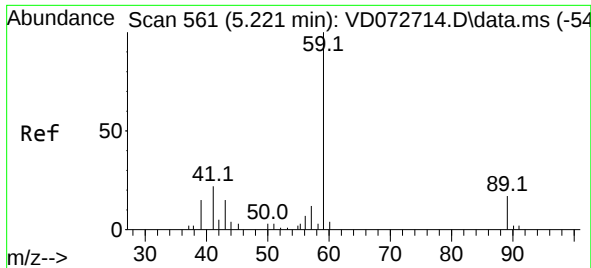
Tgt Ion:168 Resp: 362013
Ion Ratio Lower Upper
168 100
99 63.9 49.8 74.6



#10
Methyl Iodide
Concen: 5.006 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

Tgt Ion:142 Resp: 1890
Ion Ratio Lower Upper
142 100
127 38.4 37.3 55.9
141 0.0 11.7 17.5#

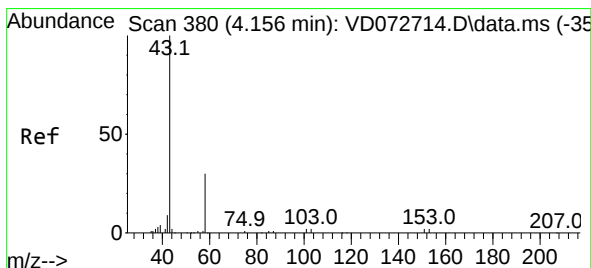
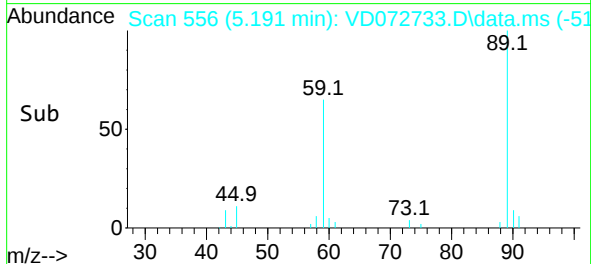
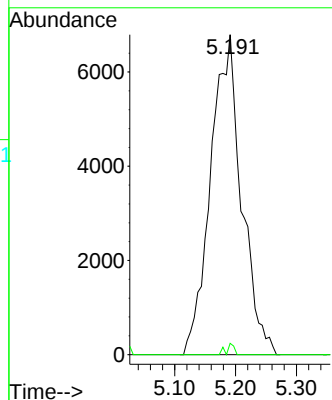
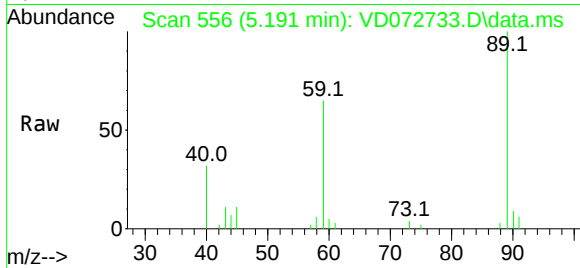




#11
Tert butyl alcohol
Concen: 19.346 ug/l
RT: 5.191 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

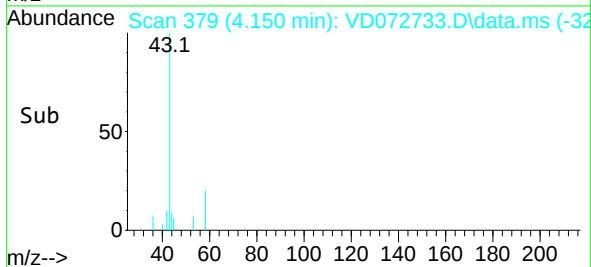
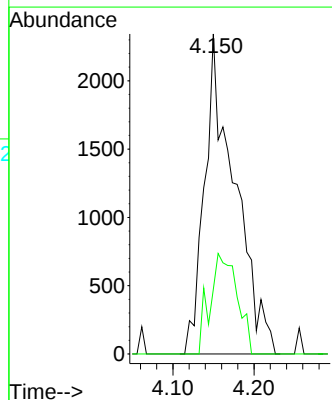
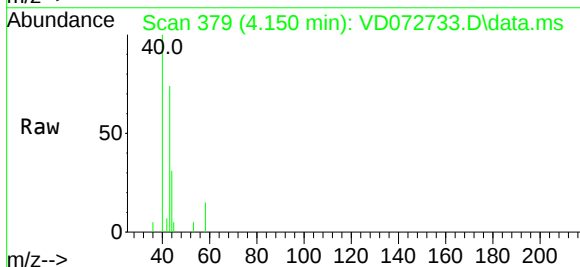
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBL01

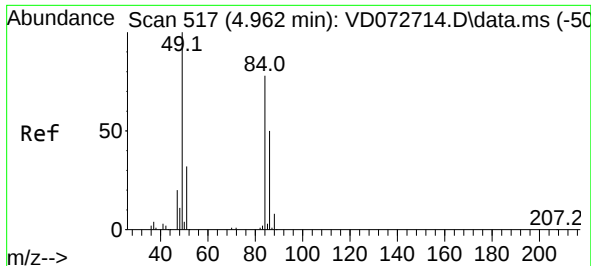
Tgt Ion: 59 Resp: 23910
Ion Ratio Lower Upper
59 100
57 0.9 7.8 11.6#



#16
Acetone
Concen: 6.385 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

Tgt Ion: 43 Resp: 6014
Ion Ratio Lower Upper
43 100
58 20.2 22.1 33.1#

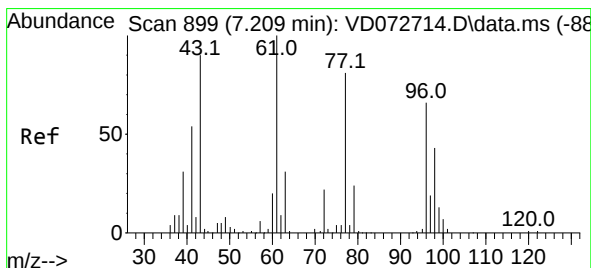
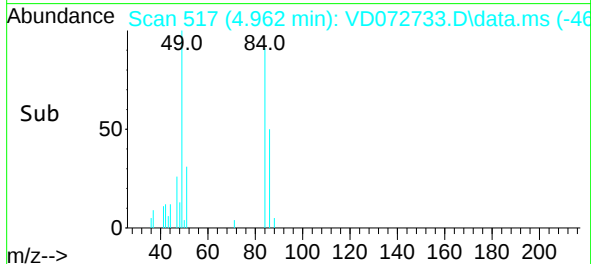
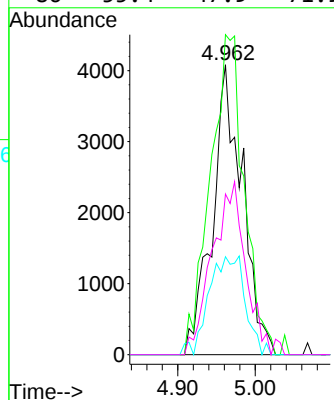
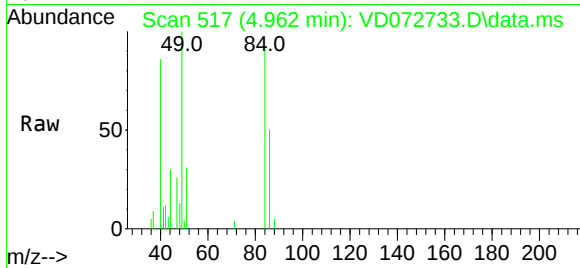




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

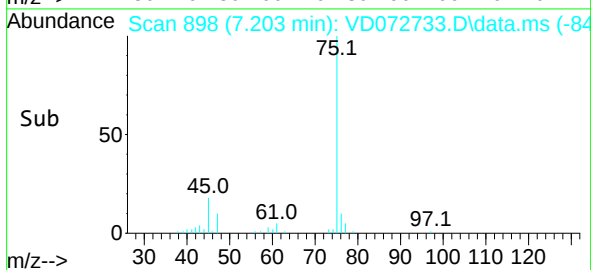
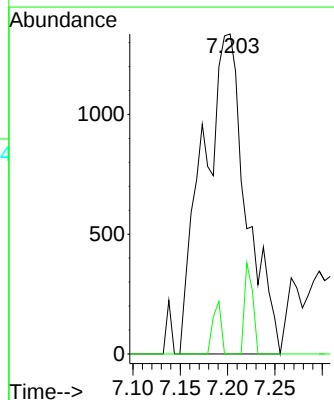
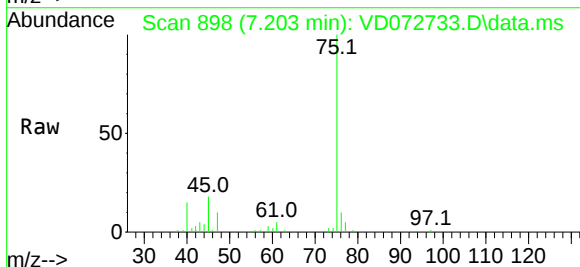
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBL01

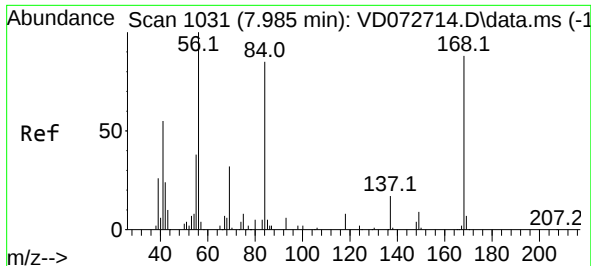
Tgt Ion:	84	Resp:	10985
Ion	Ratio	Lower	Upper
84	100		
49	110.4	112.8	169.2#
51	33.8	32.6	48.8
86	55.4	47.9	71.9



#25
2-Butanone
Concen: 3.030 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

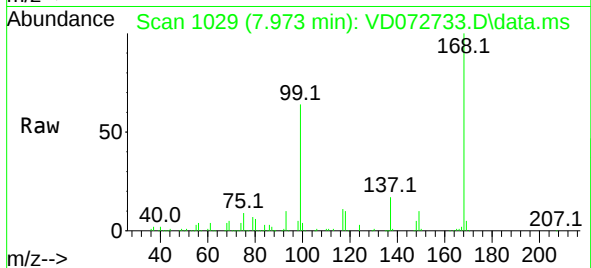
Tgt Ion:	43	Resp:	4259
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#



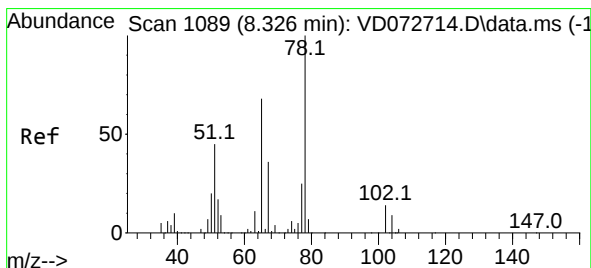
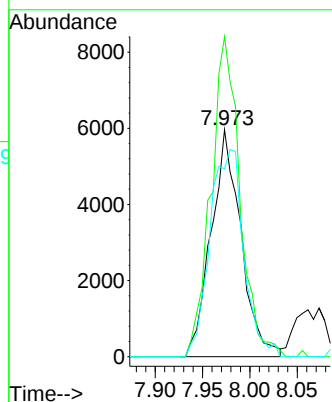
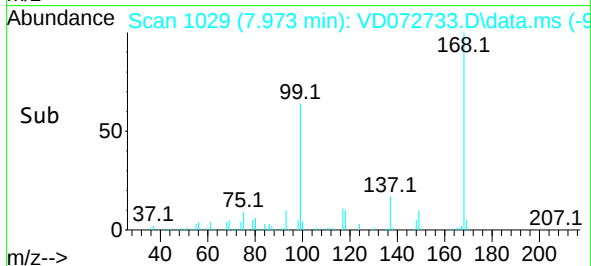


#31
Cyclohexane
Concen: 1.563 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

Instrument :
MSVOA_D
ClientSampleId :
VD0429SBL01

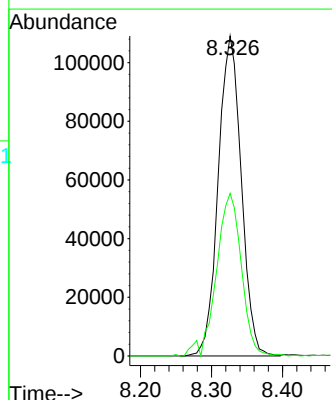
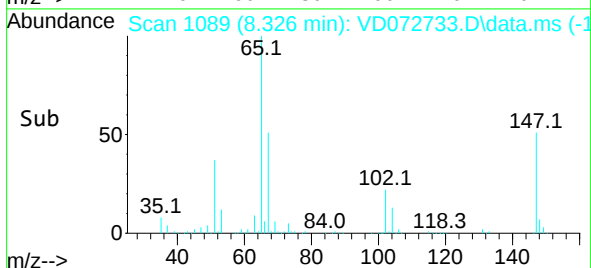
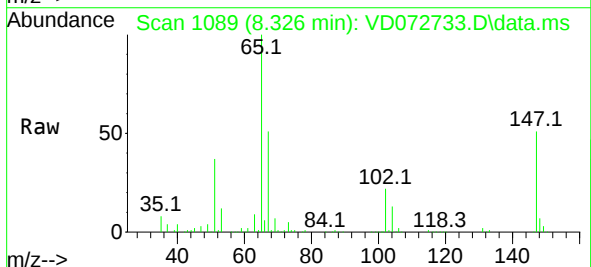


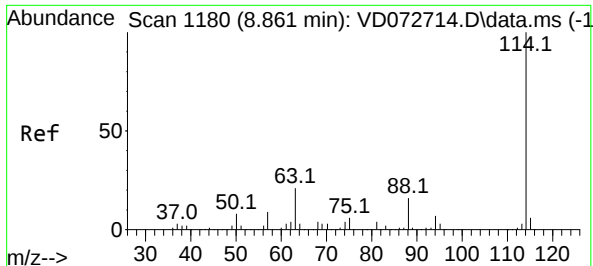
Tgt Ion: 56 Resp: 13041
Ion Ratio Lower Upper
56 100
69 140.9 25.4 38.2#
84 82.7 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 51.016 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

Tgt Ion: 65 Resp: 245200
Ion Ratio Lower Upper
65 100
67 55.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072733.D

Acq: 29 Apr 2022 10:32

Instrument :

MSVOA_D

ClientSampleId :

VD0429SBL01

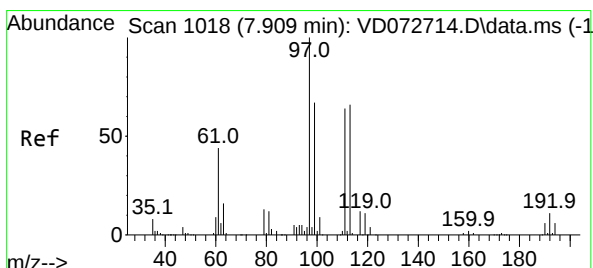
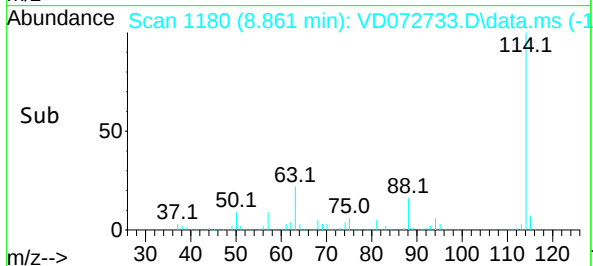
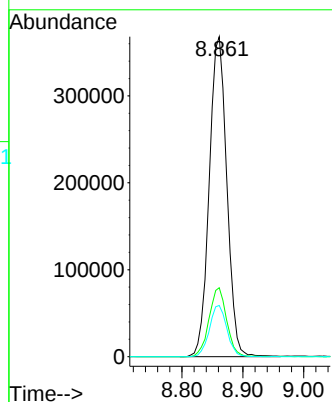
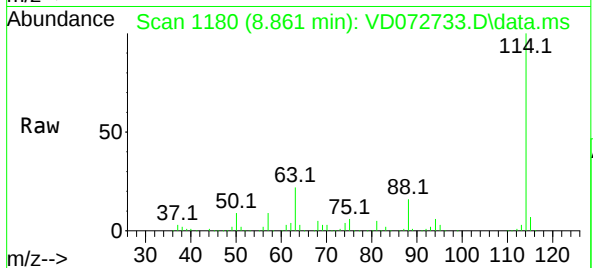
Tgt Ion:114 Resp: 737247

Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.293 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072733.D

Acq: 29 Apr 2022 10:32

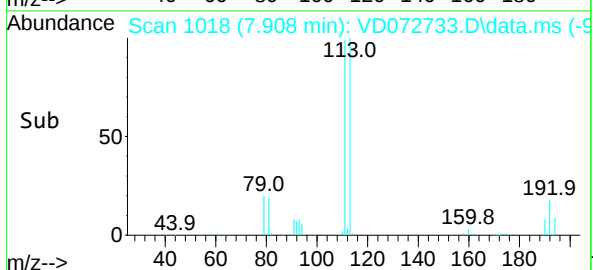
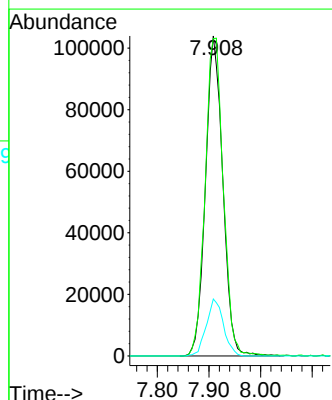
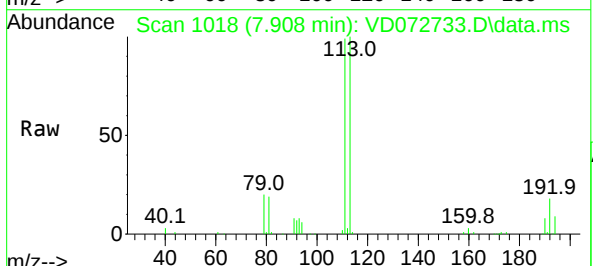
Tgt Ion:113 Resp: 242013

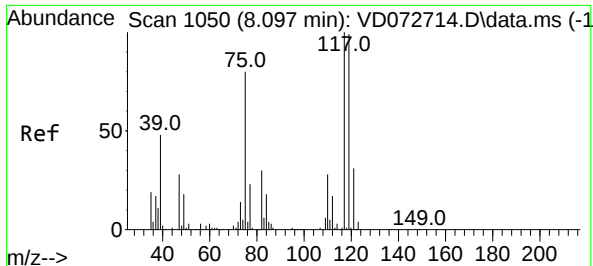
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 17.7 14.6 21.8

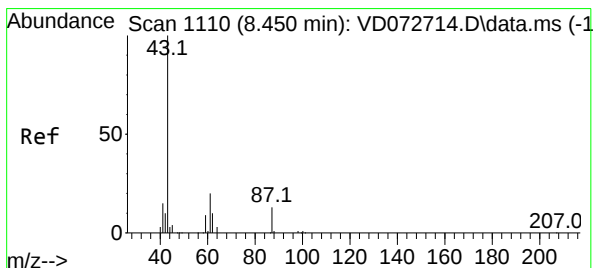
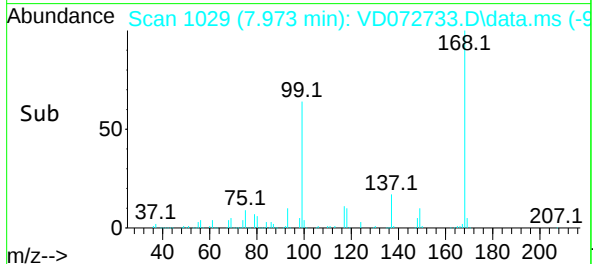
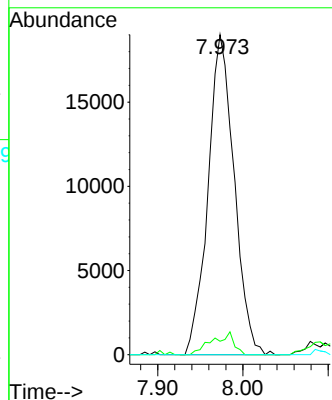
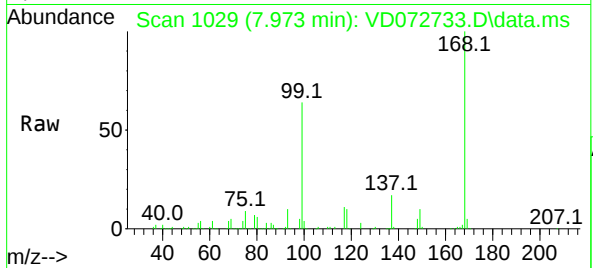




#38
Carbon Tetrachloride
Concen: 4.884 ug/l
RT: 7.973 min Scan# 1083
Delta R.T. -0.124 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

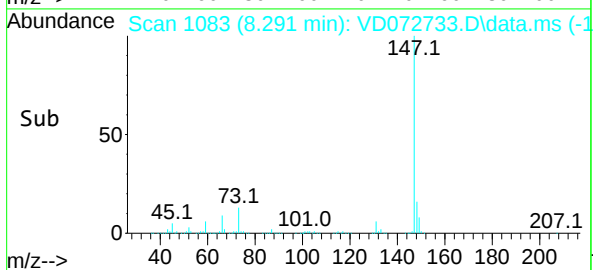
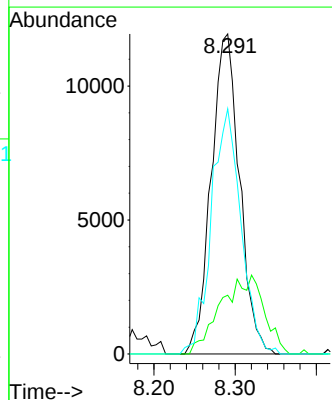
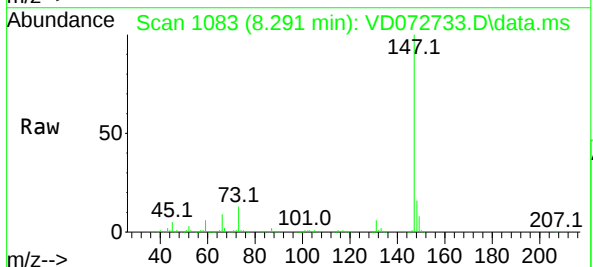
Instrument :
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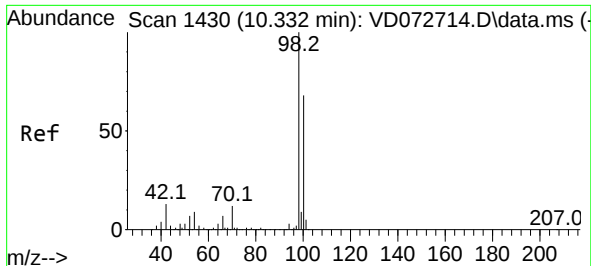
Tgt Ion:117 Resp: 40606
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.6#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 4.077 ug/l
RT: 8.291 min Scan# 1083
Delta R.T. -0.159 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

Tgt Ion: 43 Resp: 29021
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 80.0 8.7 13.1#

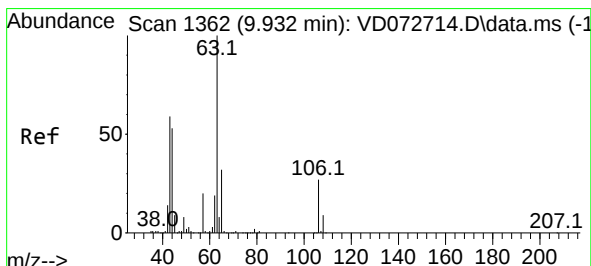
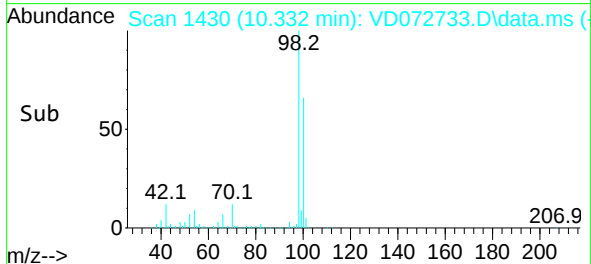
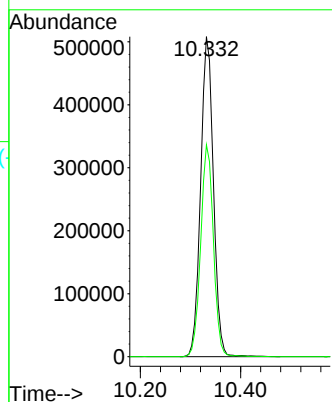
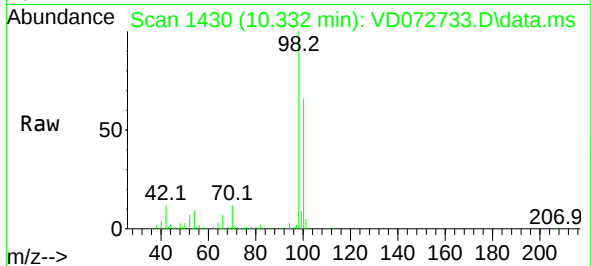




#50
Toluene-d8
Concen: 50.840 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

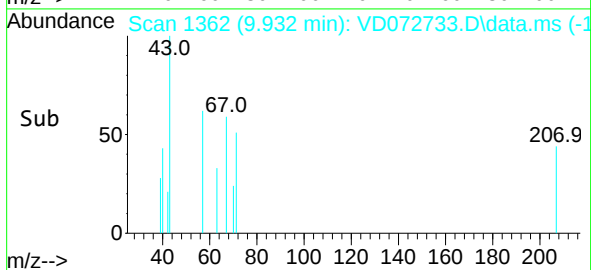
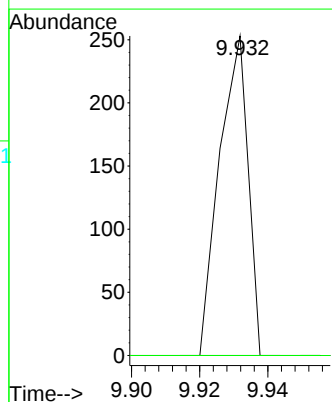
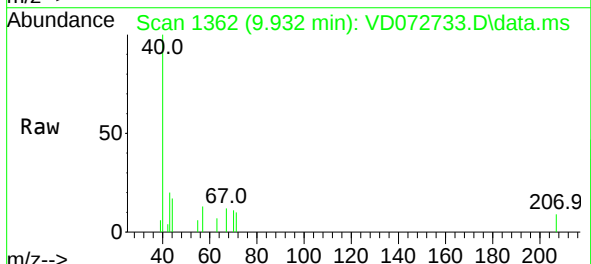
Instrument : MSVOA_D
ClientSampleId : VD0429SBL01

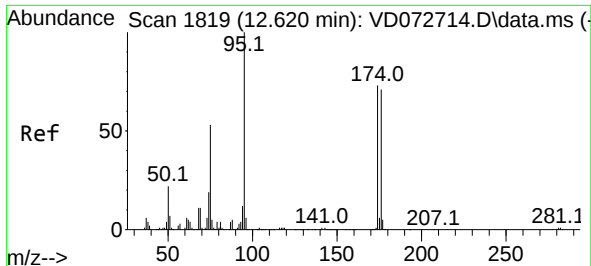
Tgt Ion: 98 Resp: 899882
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#58
2-Chloroethyl Vinyl ether
Concen: 18.056 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

Tgt Ion: 63 Resp: 147
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#

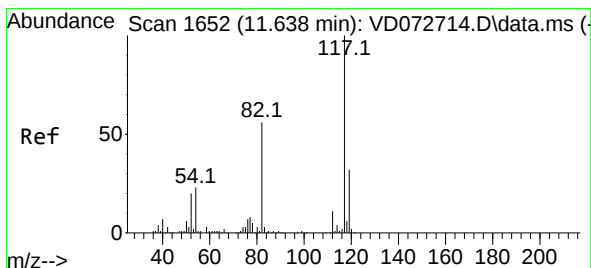
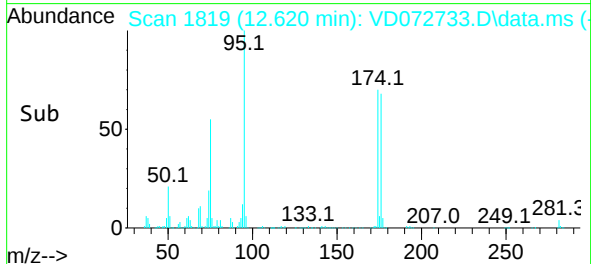
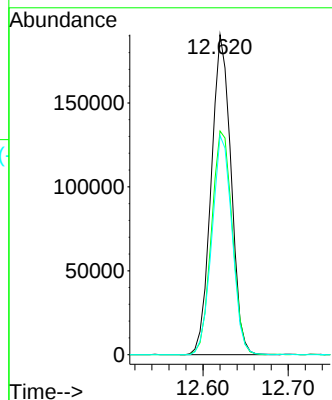
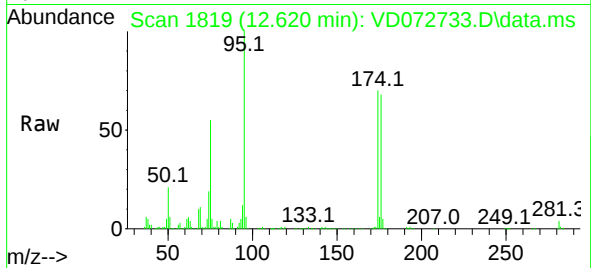




#62
4-Bromofluorobenzene
Concen: 46.333 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

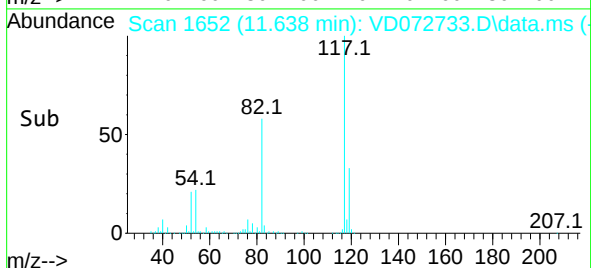
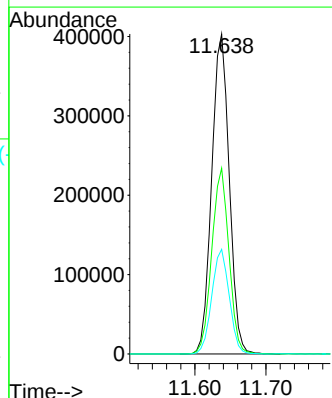
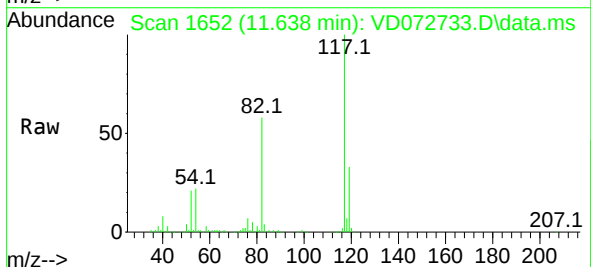
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBL01

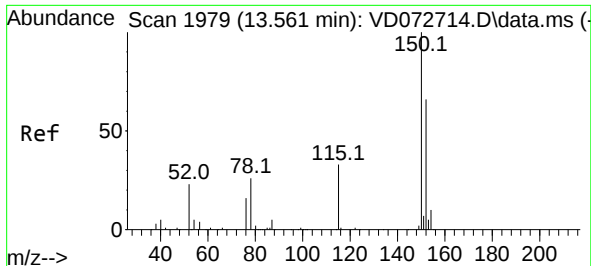
Tgt Ion: 95 Resp: 309299
Ion Ratio Lower Upper
95 100
174 73.1 0.0 152.8
176 69.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

Tgt Ion: 117 Resp: 690970
Ion Ratio Lower Upper
117 100
82 58.1 45.3 67.9
119 32.7 26.6 40.0

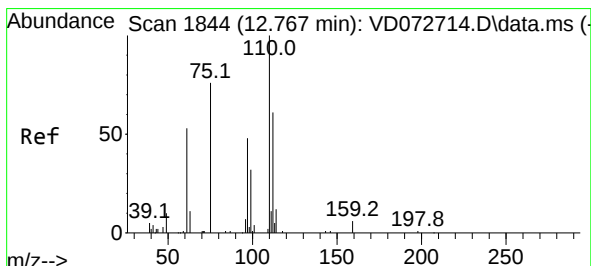
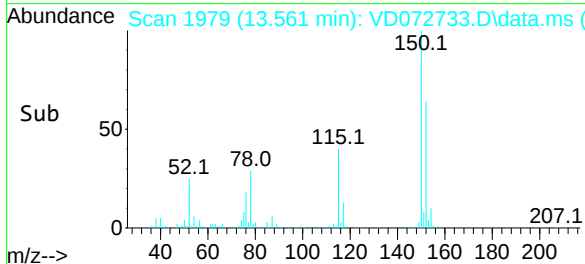
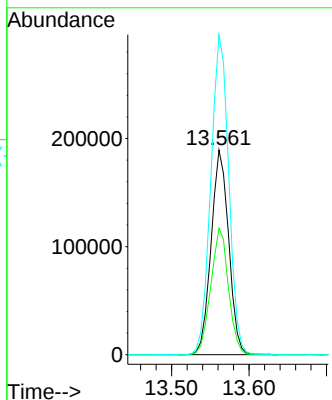
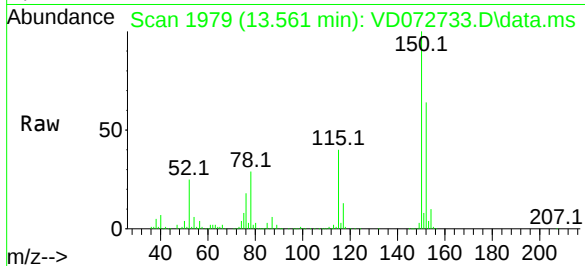




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

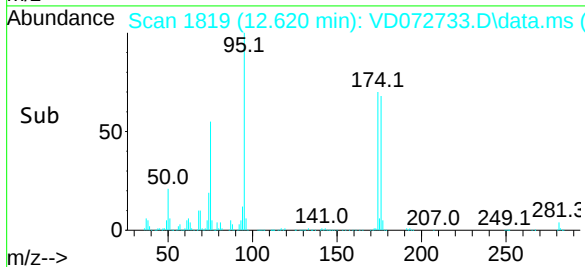
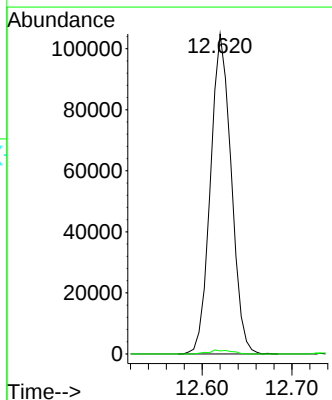
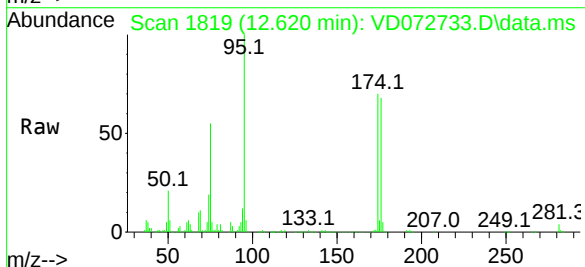
Instrument :
MSVOA_D
ClientSampleId :
VD0429SBL01

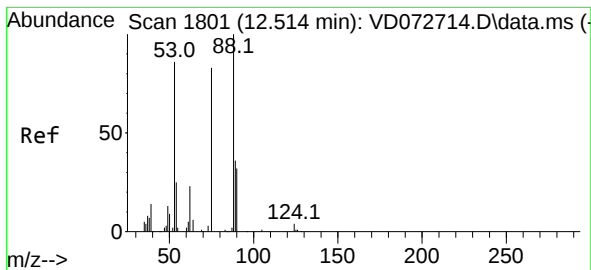
Tgt Ion:152 Resp: 298199
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 159.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 49.734 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072733.D
Acq: 29 Apr 2022 10:32

Tgt Ion: 75 Resp: 168620
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.436 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072733.D
 Acq: 29 Apr 2022 10:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0429SBL01

Tgt Ion: 75 Resp: 168620
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.5 129.7#
 89 0.1 33.9 50.9#

