

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072373.D
 Acq On : 22 Mar 2022 20:20
 Operator : VA/SY
 Sample : VD0322SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBS02

Quant Time: Mar 23 01:15:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

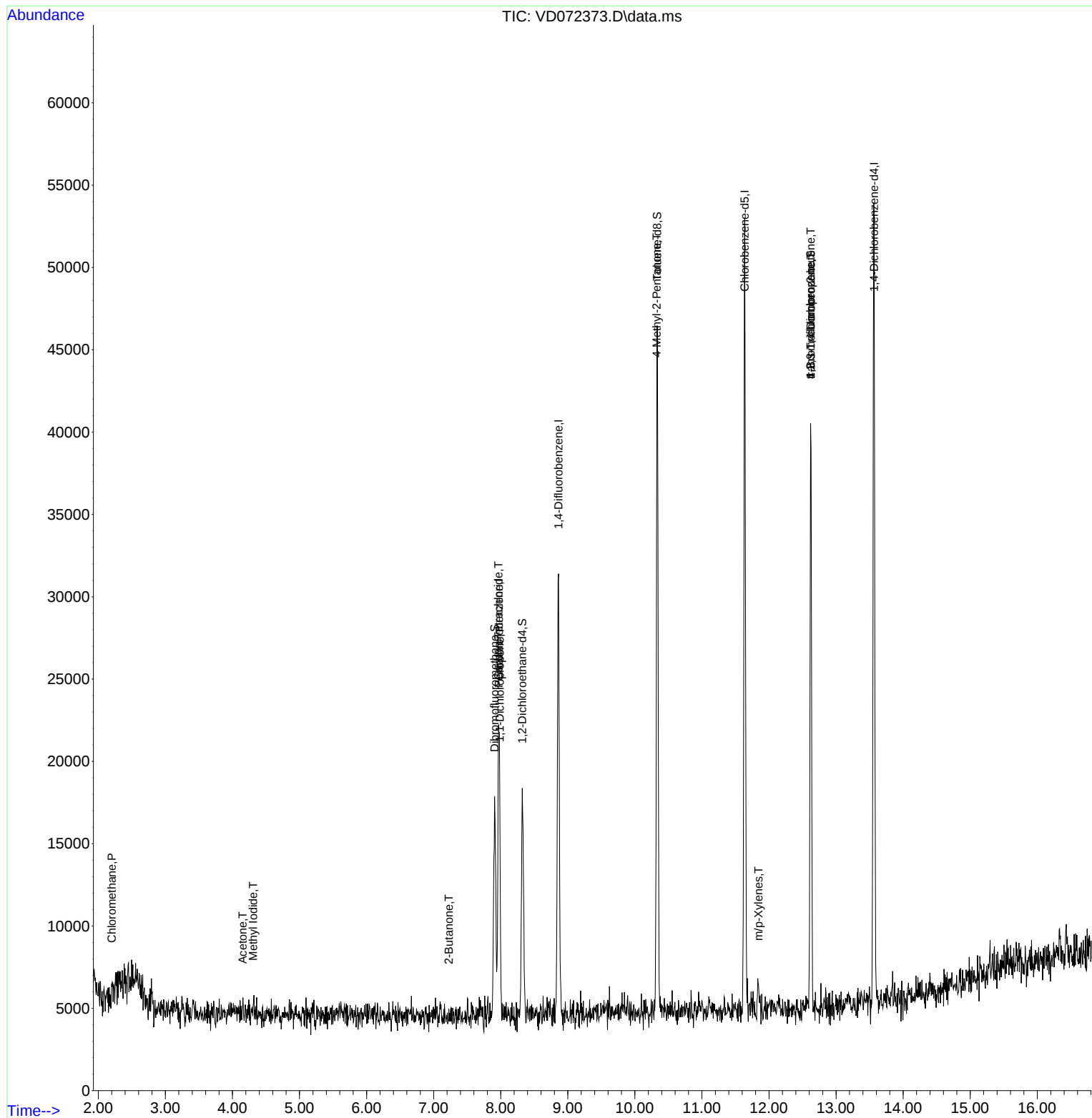
Internal Standards						
1) Pentafluorobenzene	7.973	168	13530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	22206	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	26596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	13590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	11106	73.655	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 147.300%			
35) Dibromofluoromethane	7.909	113	9024	57.748	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.500%			
50) Toluene-d8	10.332	98	28501	49.880	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.760%			
62) 4-Bromofluorobenzene	12.620	95	11938	53.771	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.540%			
Target Compounds			Qvalue			
3) Chloromethane	2.203	50	382	3.435	ug/l #	37
10) Methyl Iodide	4.309	142	275	4.124	ug/l #	38
16) Acetone	4.150	43	640	19.549	ug/l #	47
20) Methylene Chloride	4.968	84	85	Below Cal	#	2
25) 2-Butanone	7.226	43	66	1.512	ug/l #	52
36) 1,1-Dichloropropene	7.985	75	1389	6.336	ug/l #	43
38) Carbon Tetrachloride	7.967	117	1450	5.819	ug/l #	13
51) 4-Methyl-2-Pentanone	10.326	43	234	2.390	ug/l #	34
68) m/p-Xylenes	11.844	106	439	1.098	ug/l #	60
76) 1,2,3-Trichloropropane	12.620	75	6282	41.905	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	6282	103.971	ug/l #	7

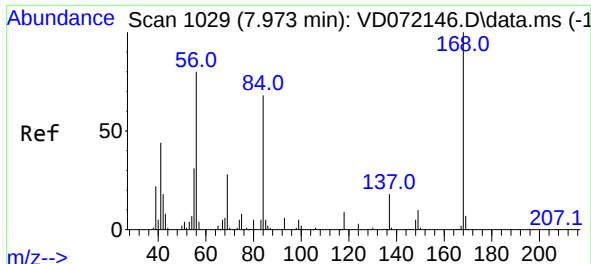
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

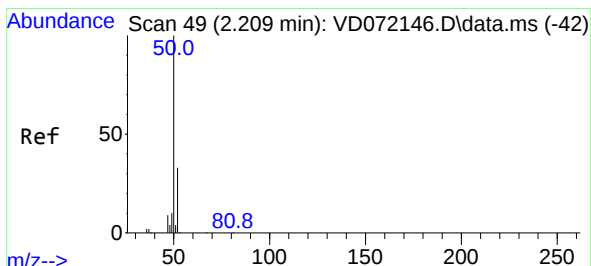
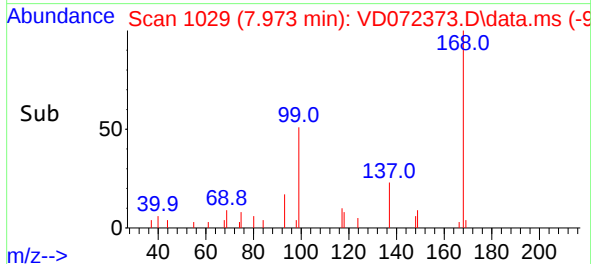
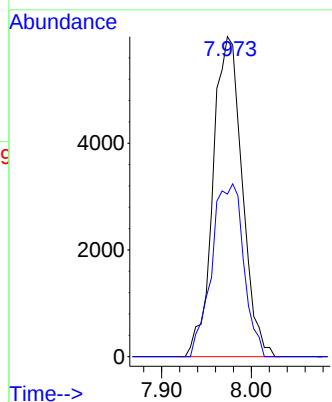
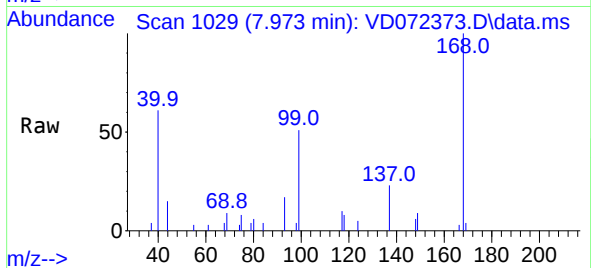




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072373.D
Acq: 22 Mar 2022 20:20

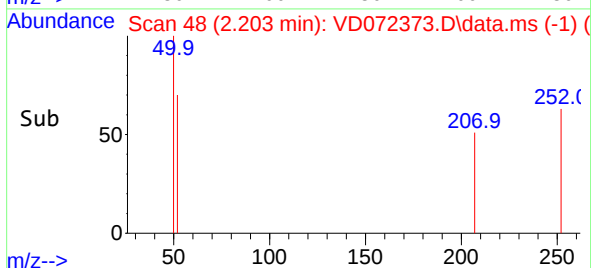
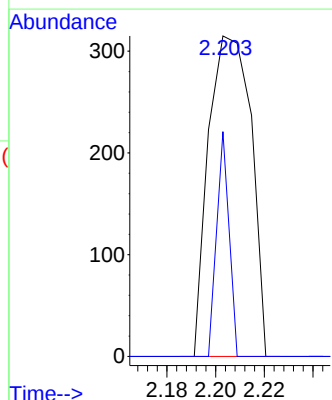
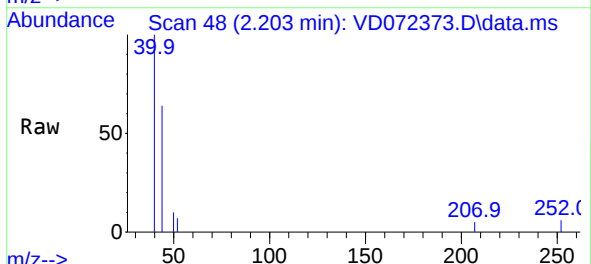
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD02

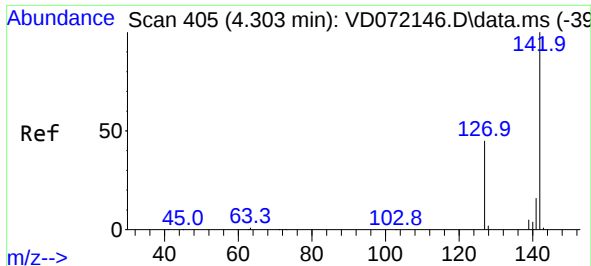
Tgt Ion:168 Resp: 13530
Ion Ratio Lower Upper
168 100
99 50.8 49.8 74.6



#3
Chloromethane
Concen: 3.435 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD072373.D
Acq: 22 Mar 2022 20:20

Tgt Ion: 50 Resp: 382
Ion Ratio Lower Upper
50 100
52 70.2 27.4 41.0#





#10

Methyl Iodide

Concen: 4.124 ug/l

RT: 4.309 min Scan# 405

Delta R.T. 0.006 min

Lab File: VD072373.D

Acq: 22 Mar 2022 20:20

Instrument :

MSVOA_D

ClientSampleId :

VD0322SBS02

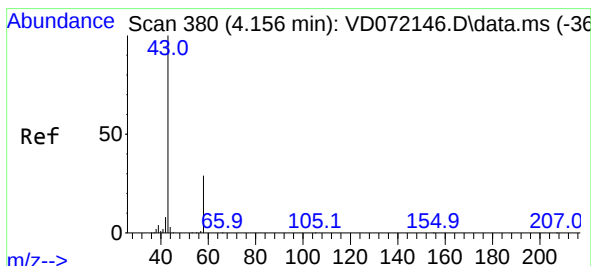
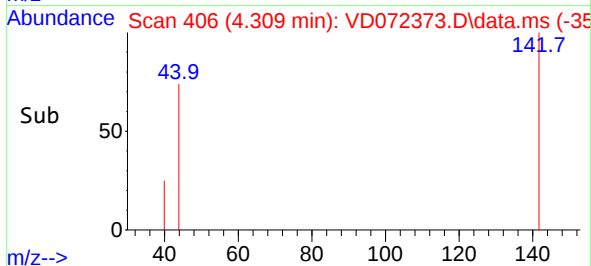
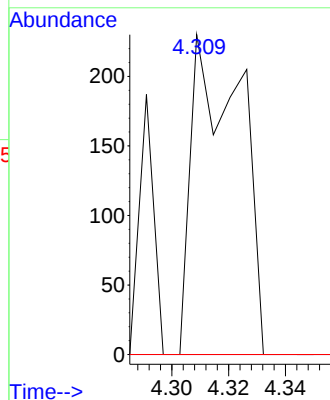
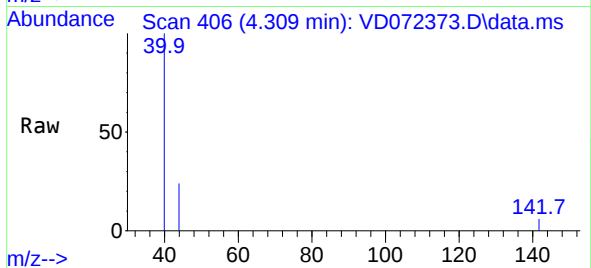
Tgt Ion:142 Resp: 275

Ion Ratio Lower Upper

142 100

127 0.0 37.3 55.9#

141 0.0 11.7 17.5#



#16

Acetone

Concen: 19.549 ug/l

RT: 4.150 min Scan# 379

Delta R.T. -0.006 min

Lab File: VD072373.D

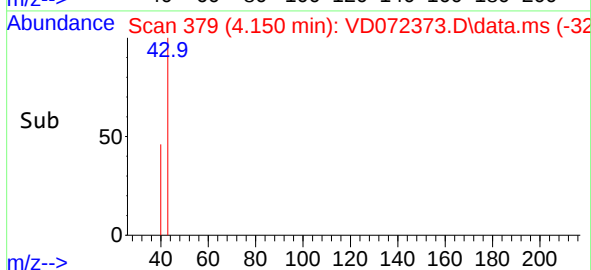
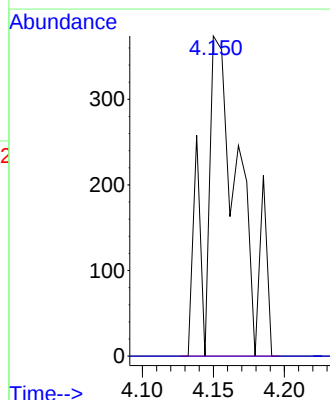
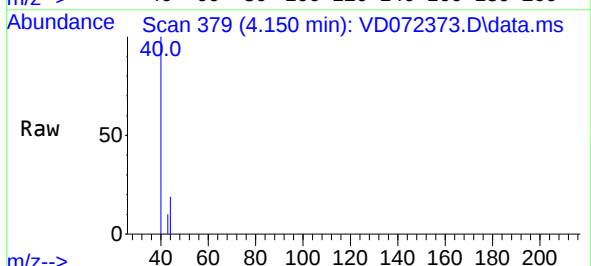
Acq: 22 Mar 2022 20:20

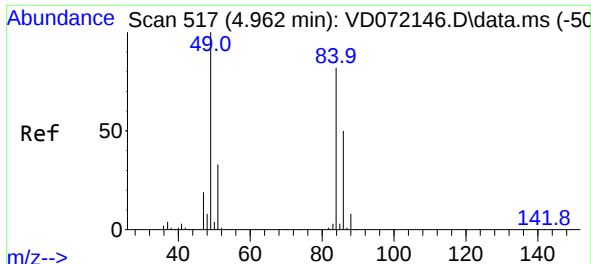
Tgt Ion: 43 Resp: 640

Ion Ratio Lower Upper

43 100

58 0.0 22.1 33.1#

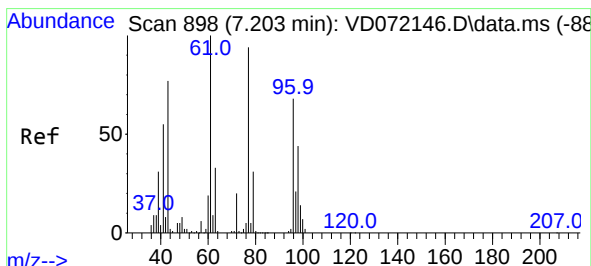
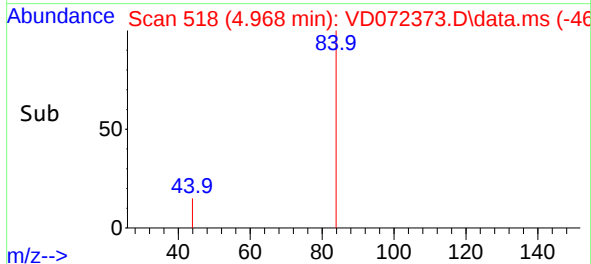
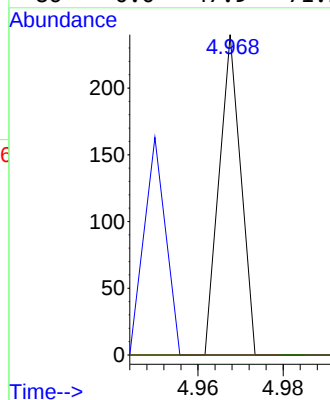
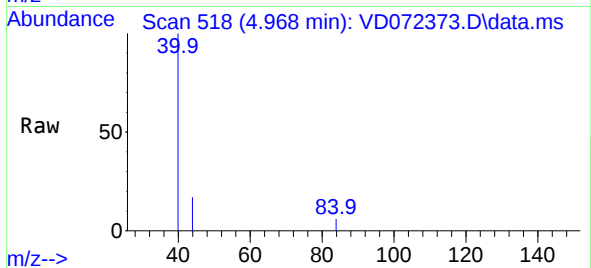




#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD072373.D
Acq: 22 Mar 2022 20:20

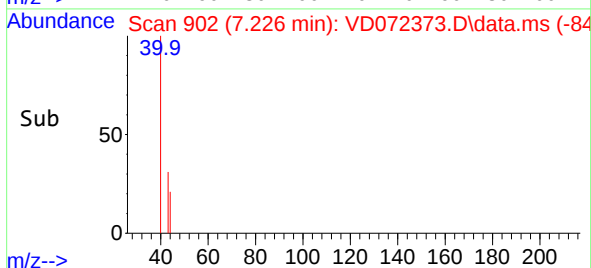
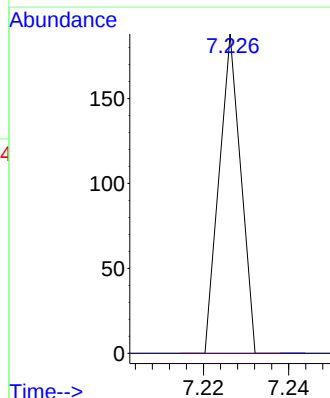
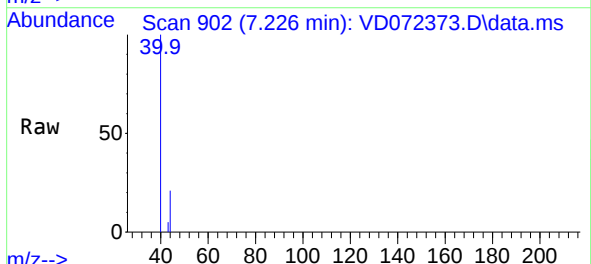
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD02

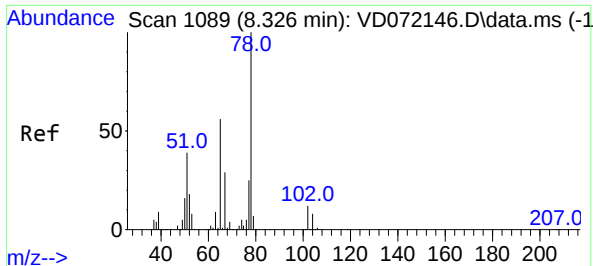
Tgt Ion:	84	Resp:	85
Ion	Ratio	Lower	Upper
84	100		
49	0.0	112.8	169.2#
51	0.0	32.6	48.8#
86	0.0	47.9	71.9#



#25
2-Butanone
Concen: 1.512 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.024 min
Lab File: VD072373.D
Acq: 22 Mar 2022 20:20

Tgt Ion:	43	Resp:	66
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#





#33

1,2-Dichloroethane-d4

Concen: 73.655 ug/l

RT: 8.320 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VD072373.D

Acq: 22 Mar 2022 20:20

Instrument :

MSVOA_D

ClientSampleId :

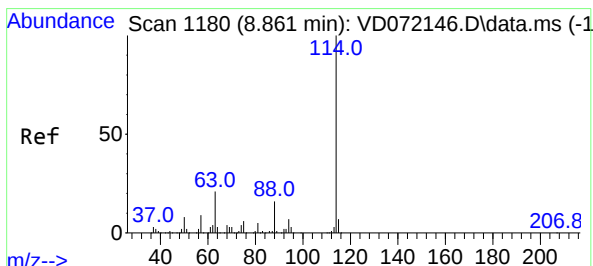
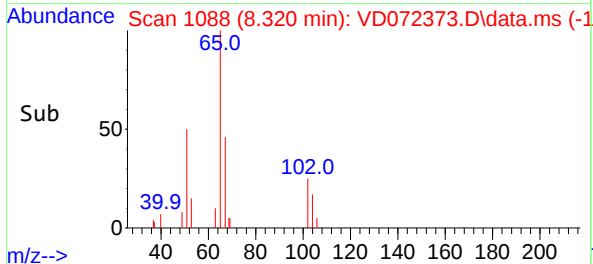
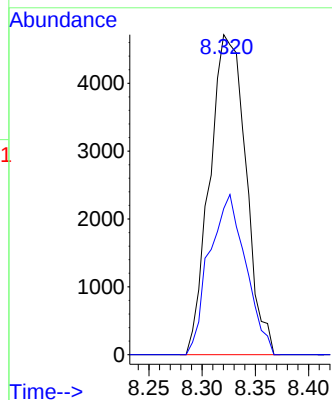
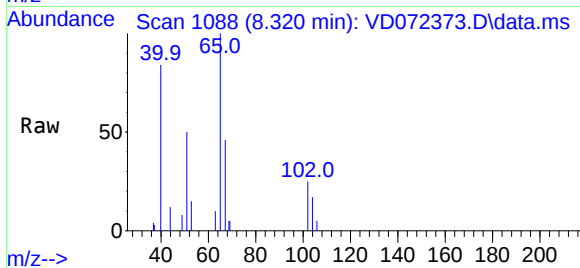
VD0322SBS02

Tgt Ion: 65 Resp: 11106

Ion Ratio Lower Upper

65 100

67 50.6 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: VD072373.D

Acq: 22 Mar 2022 20:20

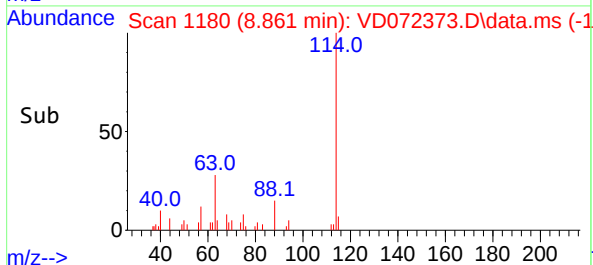
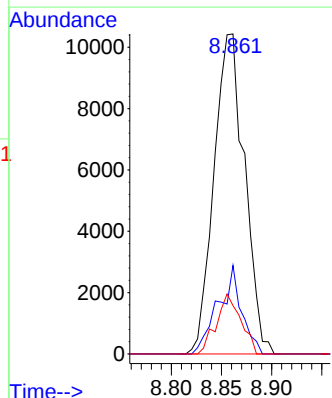
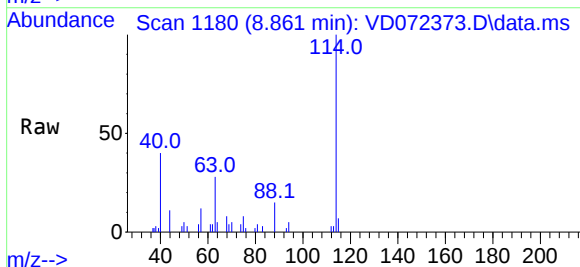
Tgt Ion: 114 Resp: 22206

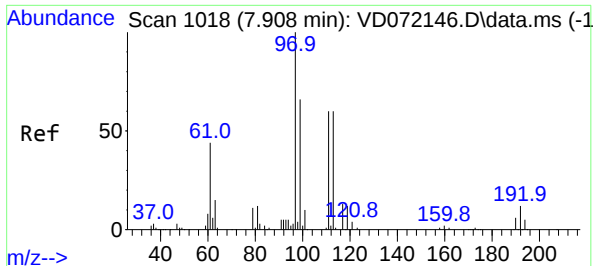
Ion Ratio Lower Upper

114 100

63 27.6 0.0 46.6

88 15.1 0.0 33.2

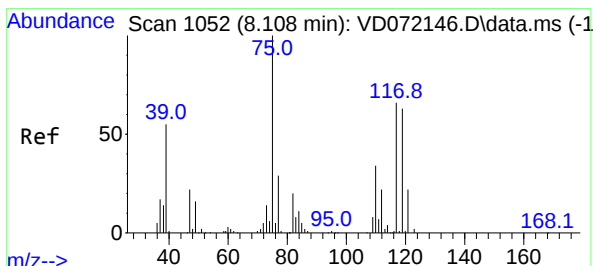
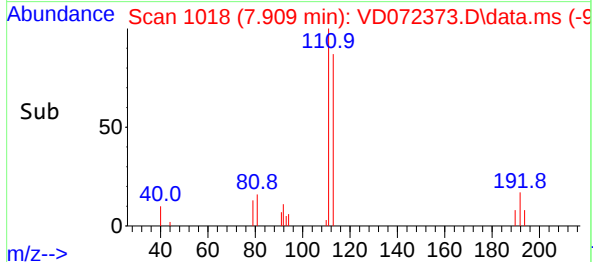
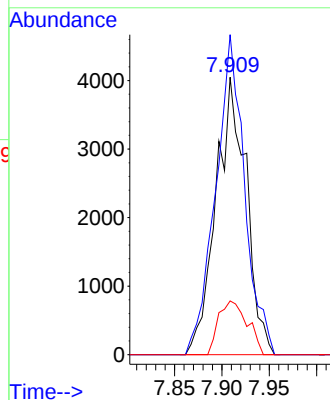
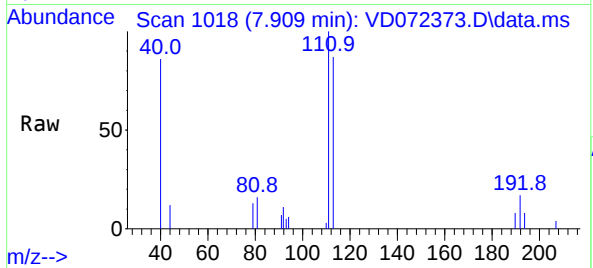




#35
Dibromofluoromethane
Concen: 57.748 ug/l
RT: 7.909 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD072373.D
Acq: 22 Mar 2022 20:20

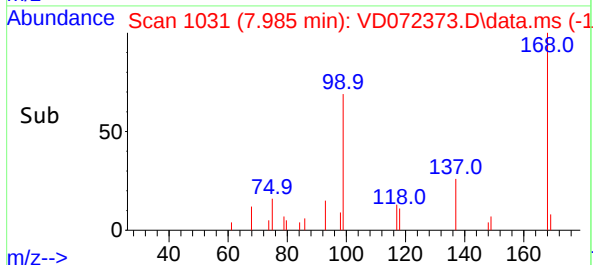
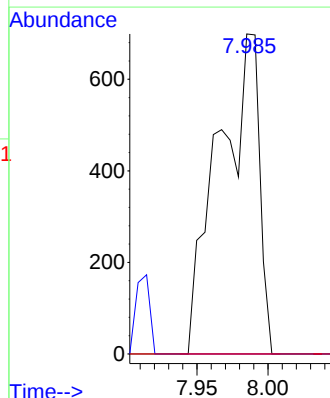
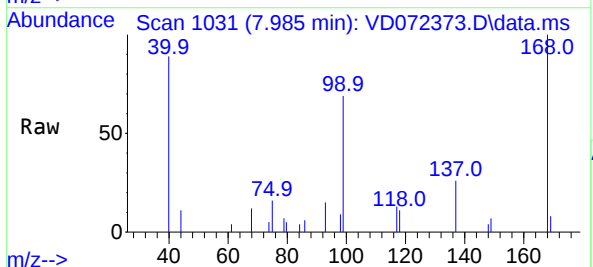
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD02

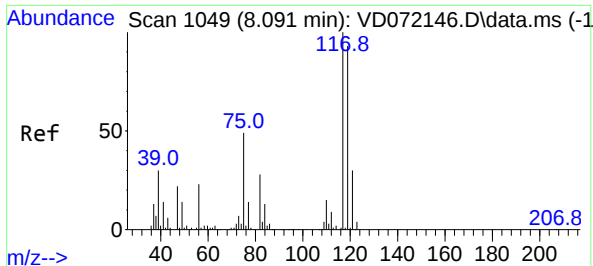
Tgt Ion:113 Resp: 9024
Ion Ratio Lower Upper
113 100
111 109.9 83.8 125.6
192 18.4 14.6 21.8



#36
1,1-Dichloropropene
Concen: 6.336 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.123 min
Lab File: VD072373.D
Acq: 22 Mar 2022 20:20

Tgt Ion: 75 Resp: 1389
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 0.0 24.2 36.2#

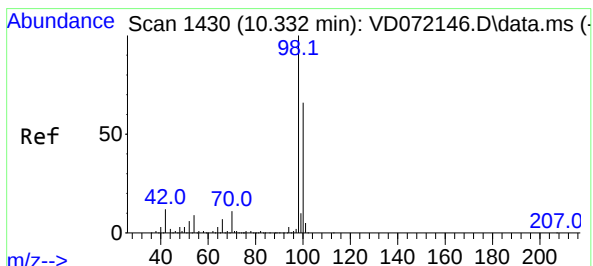
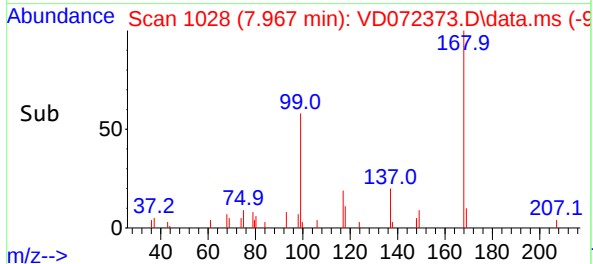
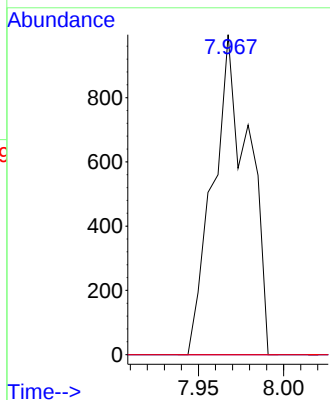
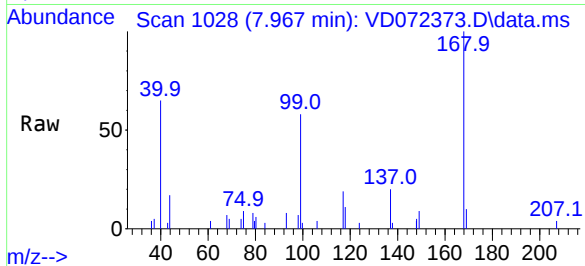




#38
Carbon Tetrachloride
Concen: 5.819 ug/l
RT: 7.967 min Scan# 1049
Delta R.T. -0.123 min
Lab File: VD072373.D
Acq: 22 Mar 2022 20:20

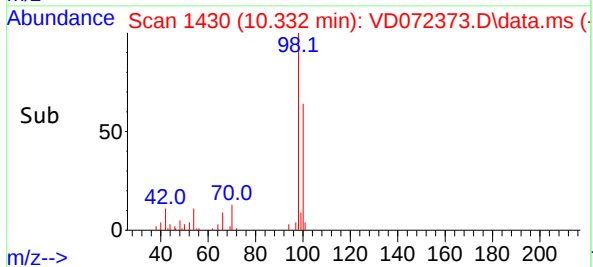
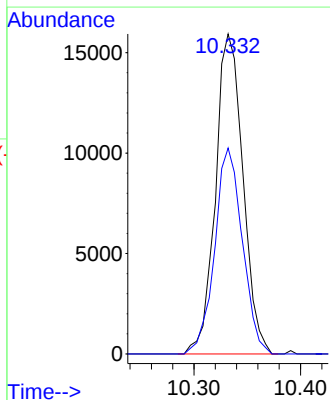
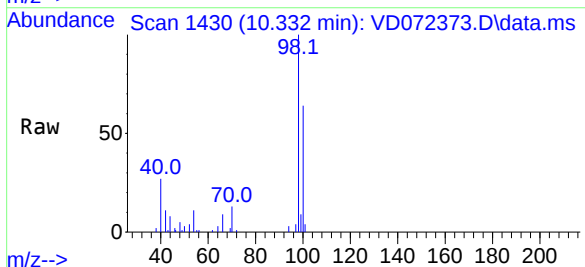
Instrument :
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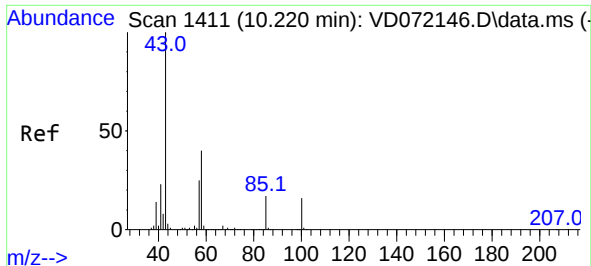
Tgt Ion:117 Resp: 1450
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.880 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072373.D
Acq: 22 Mar 2022 20:20

Tgt Ion: 98 Resp: 28501
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6

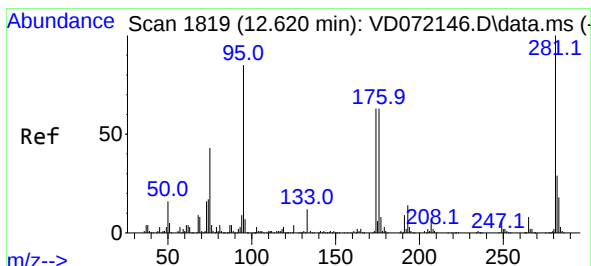
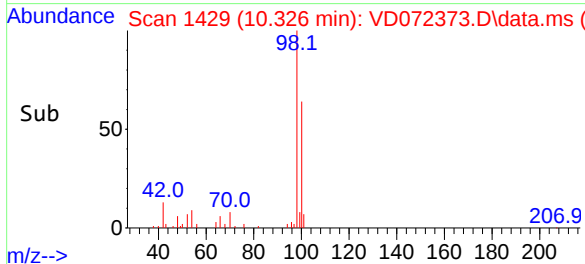
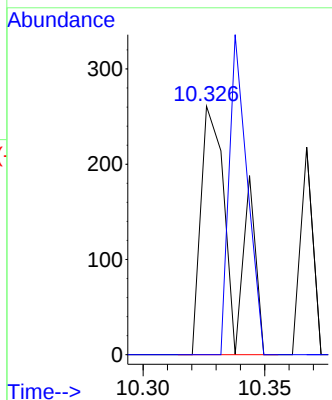
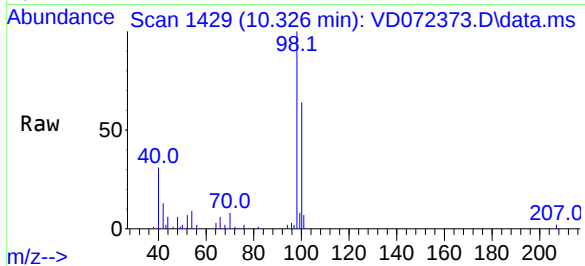




#51
4-Methyl-2-Pentanone
Concen: 2.390 ug/l
RT: 10.326 min Scan# 1411
Delta R.T. 0.106 min
Lab File: VD072373.D
Acq: 22 Mar 2022 20:20

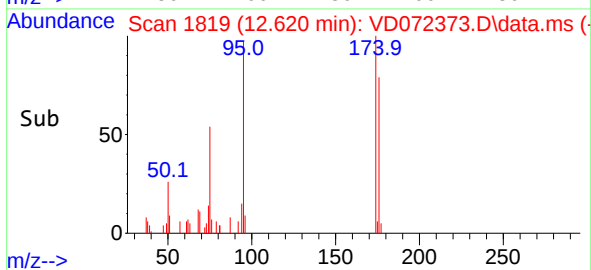
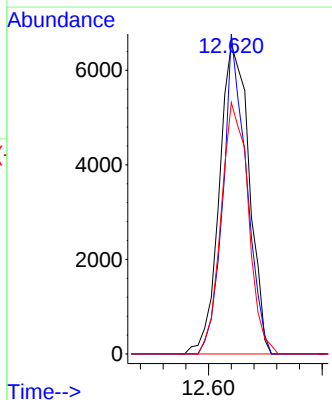
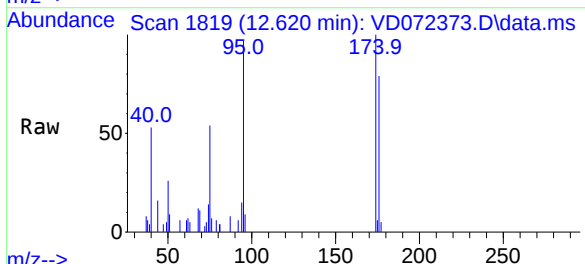
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD02

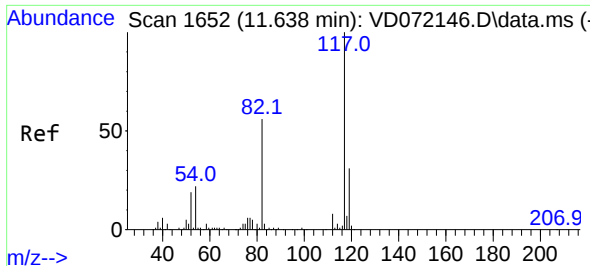
Tgt Ion: 43 Resp: 234
Ion Ratio Lower Upper
43 100
58 74.4 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 53.771 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072373.D
Acq: 22 Mar 2022 20:20

Tgt Ion: 95 Resp: 11938
Ion Ratio Lower Upper
95 100
174 80.8 0.0 152.8
176 74.2 0.0 145.4

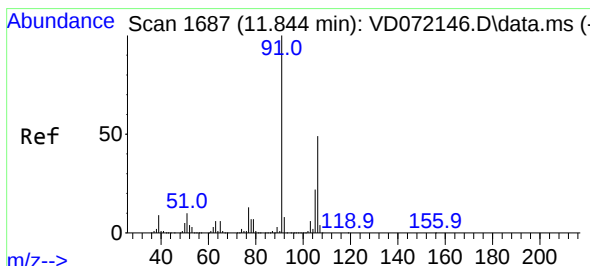
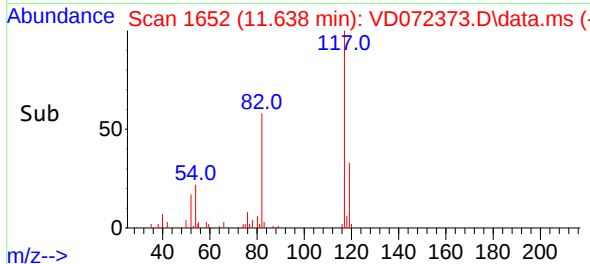
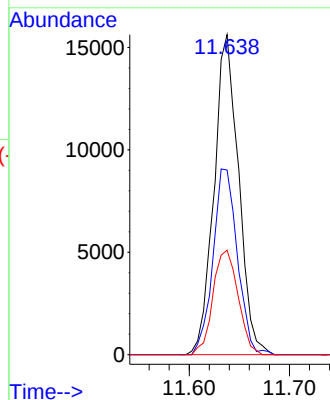
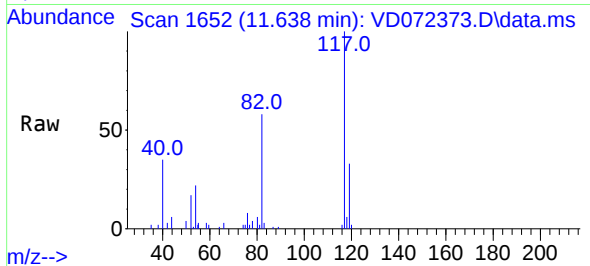




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072373.D
Acq: 22 Mar 2022 20:20

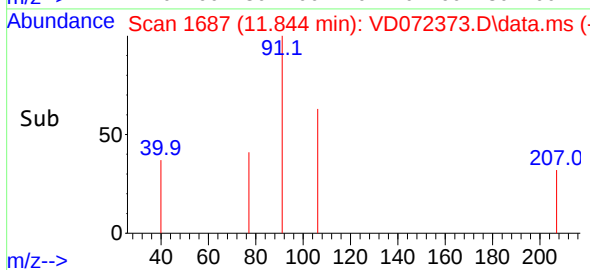
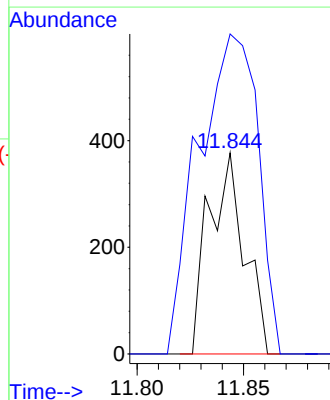
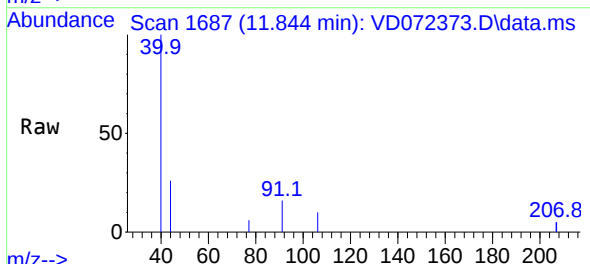
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD02

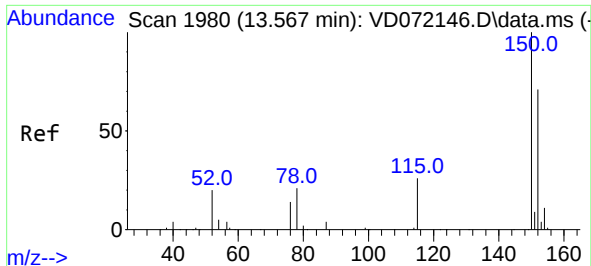
Tgt Ion:117 Resp: 26596
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 32.7 26.6 40.0



#68
m/p-Xylenes
Concen: 1.098 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072373.D
Acq: 22 Mar 2022 20:20

Tgt Ion:106 Resp: 439
Ion Ratio Lower Upper
106 100
91 265.6 163.7 245.5#

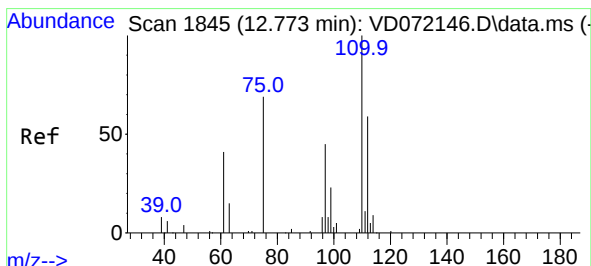
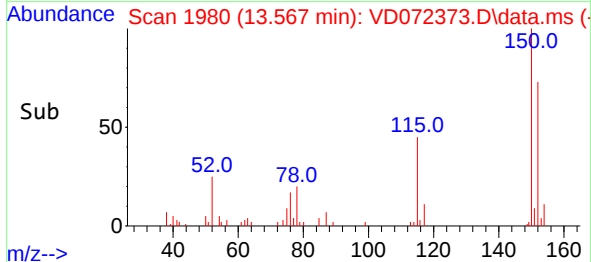
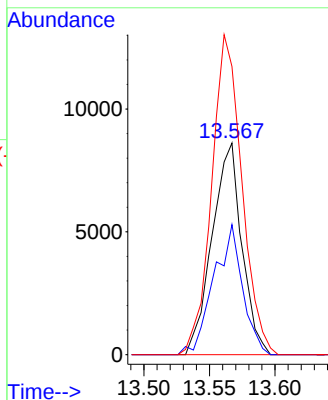
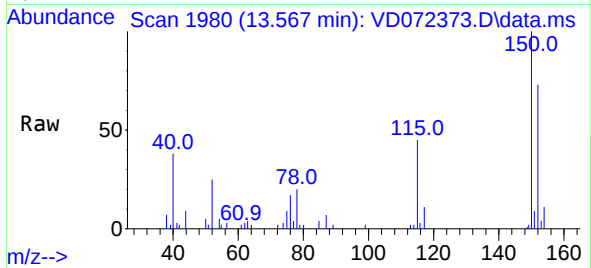




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072373.D
Acq: 22 Mar 2022 20:20

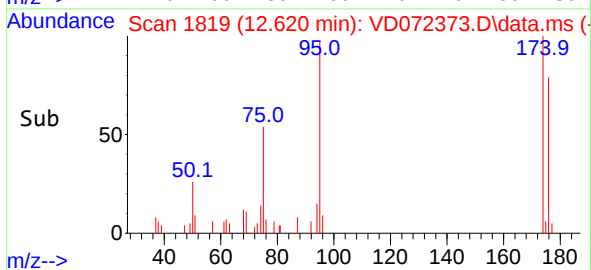
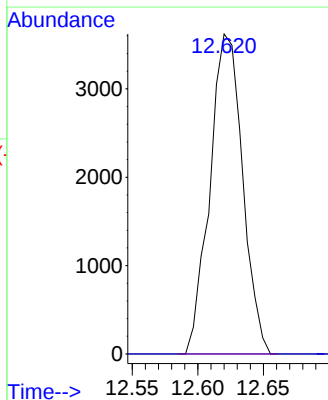
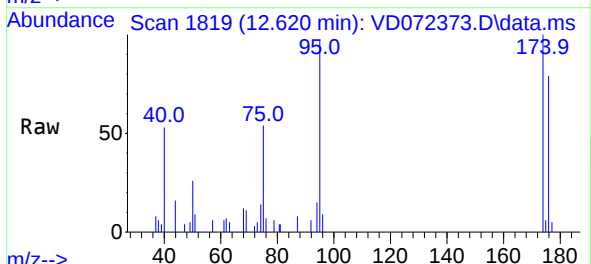
Instrument :
MSVOA_D
ClientSampleId :
VD0322SBSD02

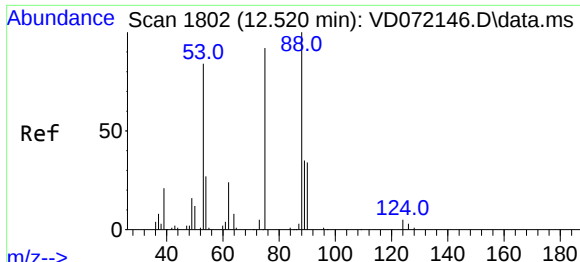
Tgt Ion:152 Resp: 13590
Ion Ratio Lower Upper
152 100
115 59.5 31.3 93.8
150 153.6 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 41.905 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072373.D
Acq: 22 Mar 2022 20:20

Tgt Ion: 75 Resp: 6282
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.971 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD072373.D
 Acq: 22 Mar 2022 20:20

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBSD02

Tgt Ion: 75 Resp: 6282
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

