

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075070.D
 Acq On : 28 Dec 2022 17:15
 Operator : KP/SY
 Sample : N6218-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26598

Quant Time: Dec 29 03:52:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	2662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	6401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2462	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	2521	96.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	193.780%#
35) Dibromofluoromethane	7.804	113	2133	56.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.260%
50) Toluene-d8	10.269	98	8217	53.991	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.980%
62) 4-Bromofluorobenzene	12.581	95	2745	55.675	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.360%

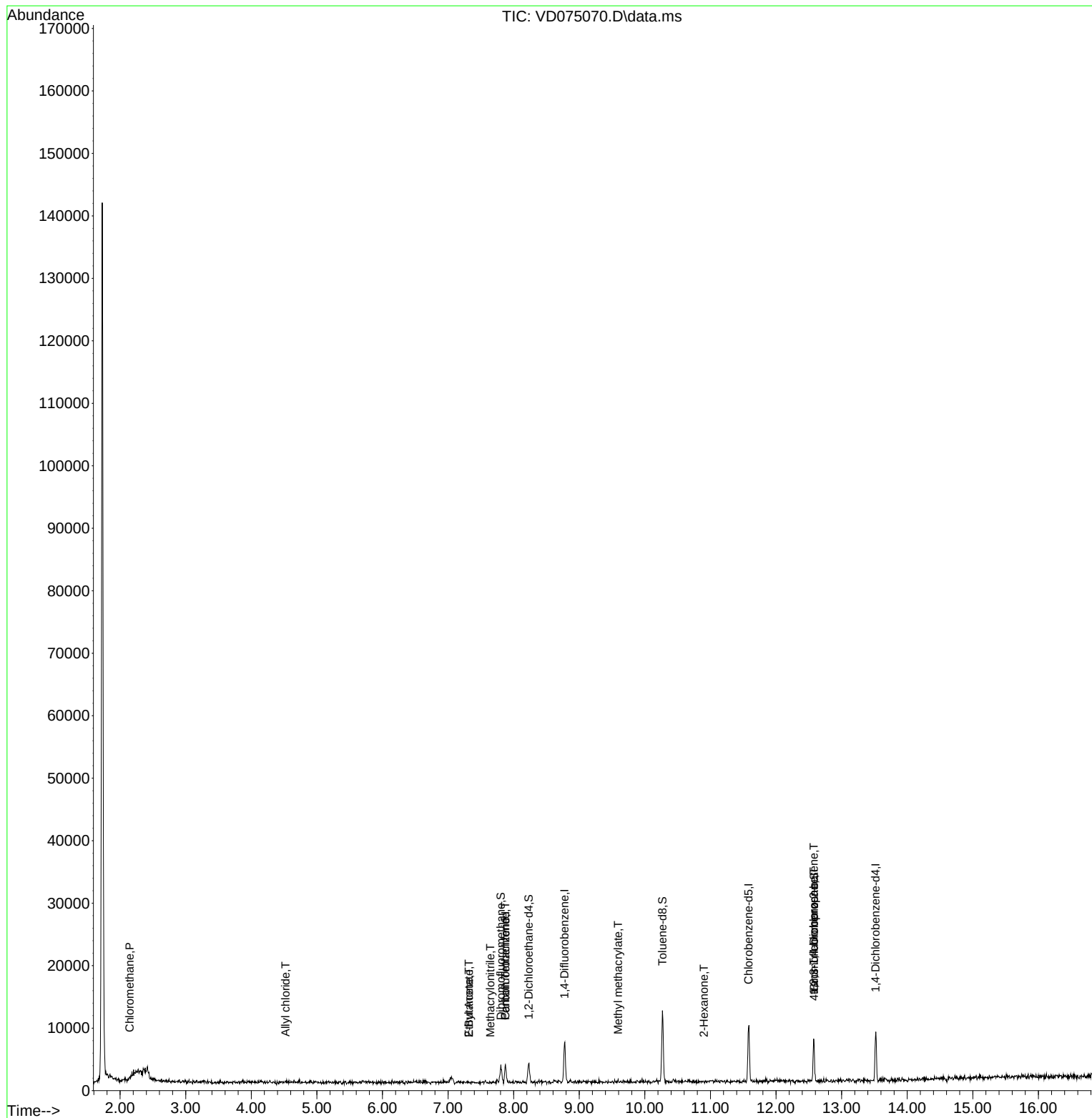
Target Compounds					Qvalue	
3) Chloromethane	2.146	50	196	5.131	ug/l #	41
14) Allyl chloride	4.522	41	57	1.420	ug/l #	21
25) 2-Butanone	7.316	43	56	6.210	ug/l #	39
37) Ethyl Acetate	7.316	43	56	2.279	ug/l #	65
38) Carbon Tetrachloride	7.875	117	53	1.260	ug/l #	13
41) Methacrylonitrile	7.646	41	53	3.466	ug/l #	18
48) Methyl methacrylate	9.593	41	61	2.716	ug/l #	7
59) 2-Hexanone	10.898	43	56	3.153	ug/l #	20
76) 1,2,3-Trichloropropane	12.575	75	1568	62.114	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	1568	143.957	ug/l #	19

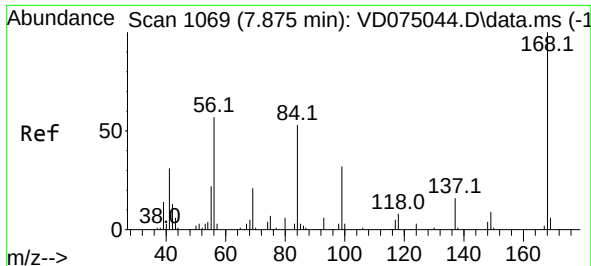
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 23 05:54:19 2022
Response via : Initial Calibration

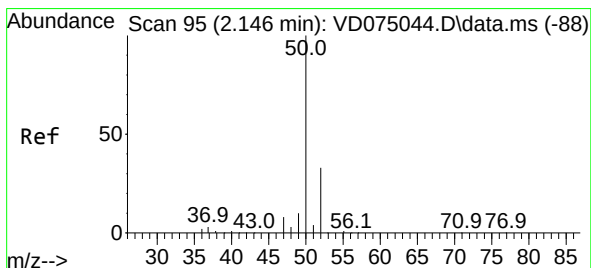
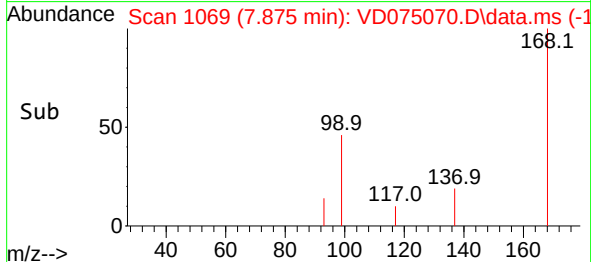
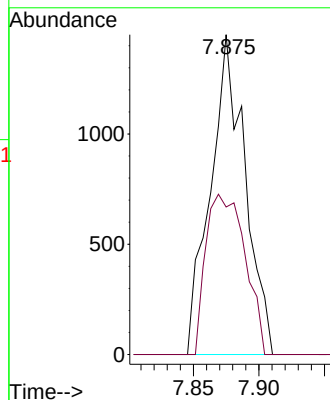
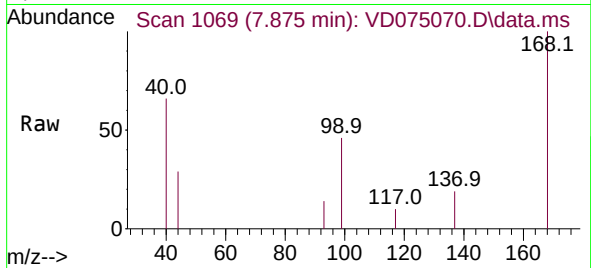




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

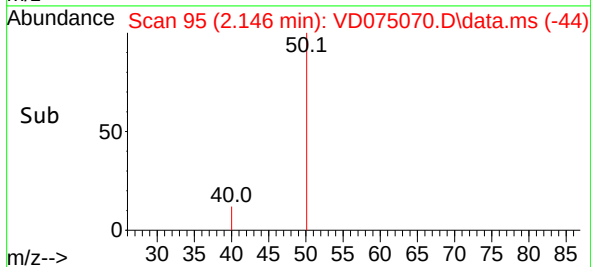
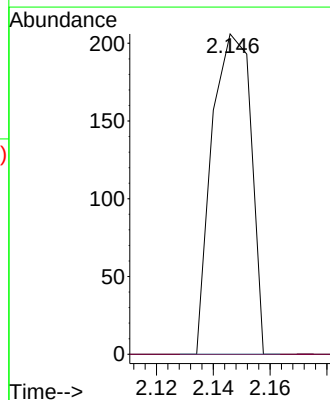
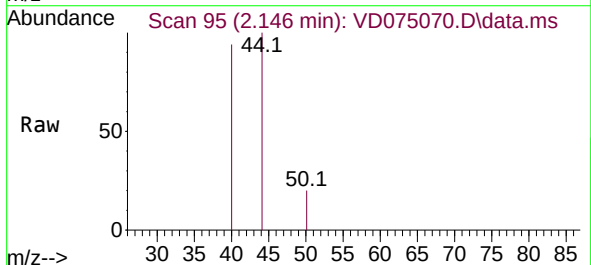
Instrument :
MSVOA_D
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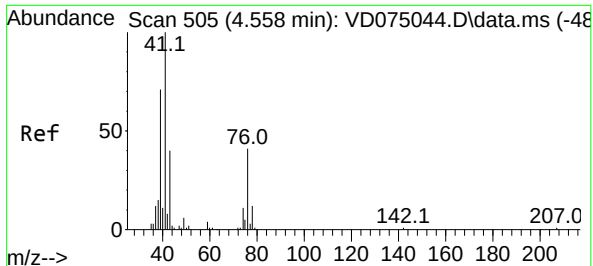
Tgt Ion:168 Resp: 2662
Ion Ratio Lower Upper
168 100
99 46.1 40.3 60.5



#3
Chloromethane
Concen: 5.131 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

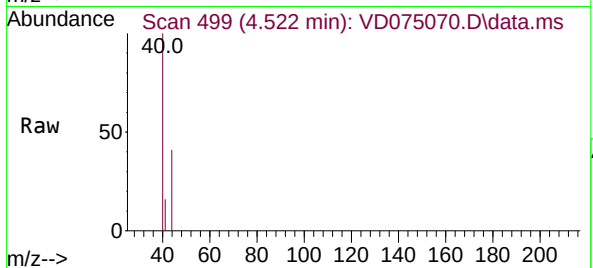
Tgt Ion: 50 Resp: 196
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#



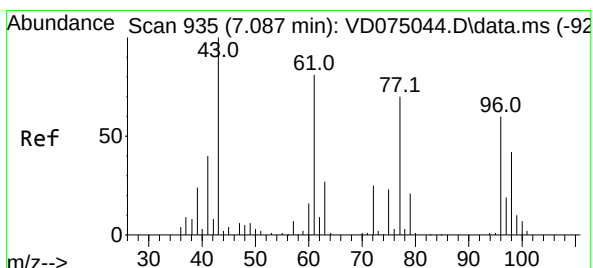
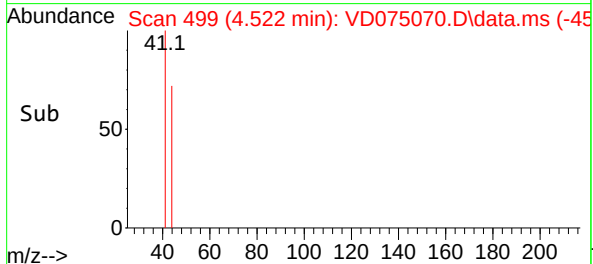
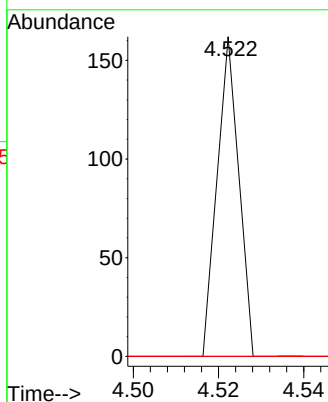


#14
 Allyl chloride
 Concen: 1.420 ug/l
 RT: 4.522 min Scan# 499
 Delta R.T. -0.036 min
 Lab File: VD075070.D
 Acq: 28 Dec 2022 17:15

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-26598

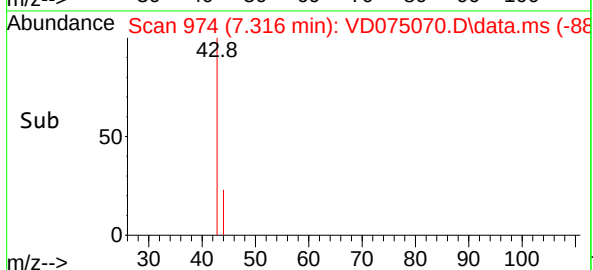
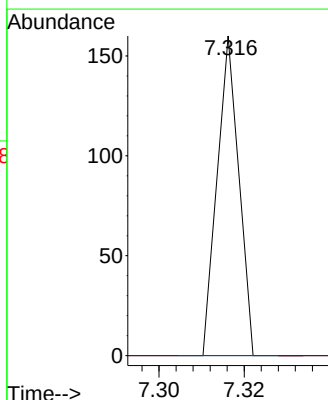
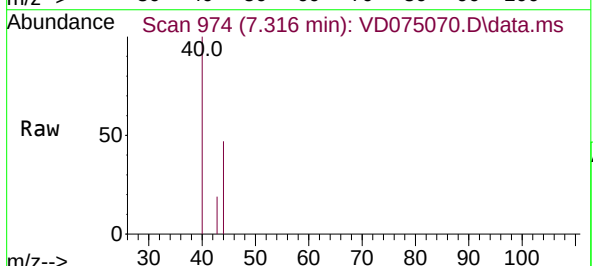


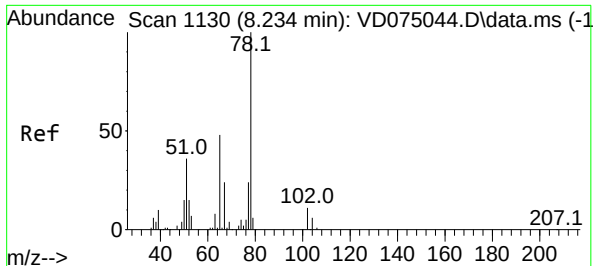
Tgt Ion: 41	Resp: 57
Ion Ratio	Lower Upper
41	100
39	0.0 52.5 78.7#
76	0.0 41.1 61.7#



#25
 2-Butanone
 Concen: 6.210 ug/l
 RT: 7.316 min Scan# 974
 Delta R.T. 0.235 min
 Lab File: VD075070.D
 Acq: 28 Dec 2022 17:15

Tgt Ion: 43	Resp: 56
Ion Ratio	Lower Upper
43	100
72	0.0 28.4 42.6#





#33

1,2-Dichloroethane-d4

Concen: 96.886 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075070.D

Acq: 28 Dec 2022 17:15

Instrument :

MSVOA_D

ClientSampleId :

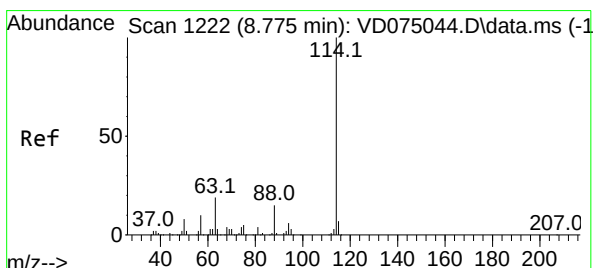
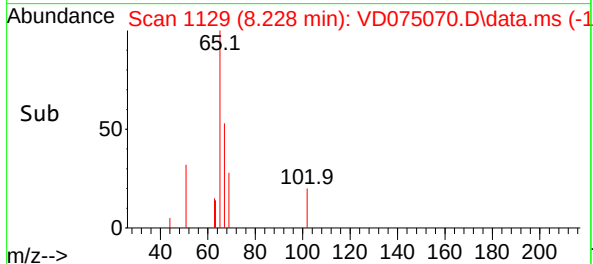
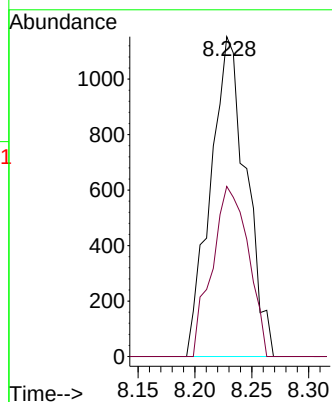
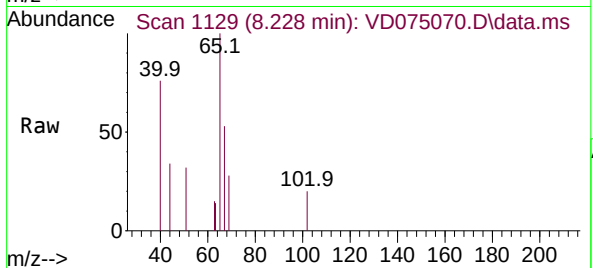
CHRT-26598

Tgt Ion: 65 Resp: 2521

Ion Ratio Lower Upper

65 100

67 54.0 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075070.D

Acq: 28 Dec 2022 17:15

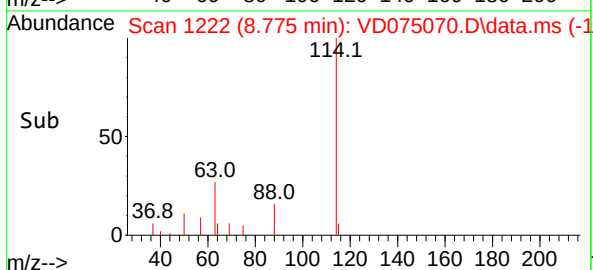
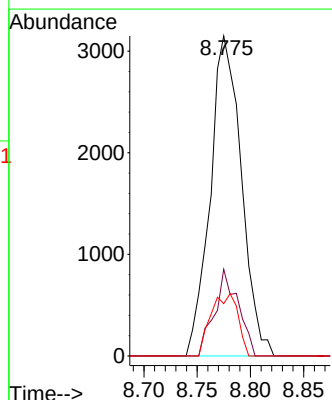
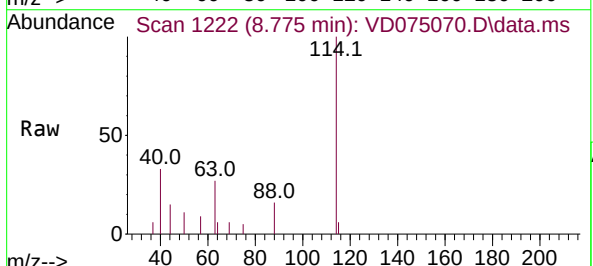
Tgt Ion: 114 Resp: 6401

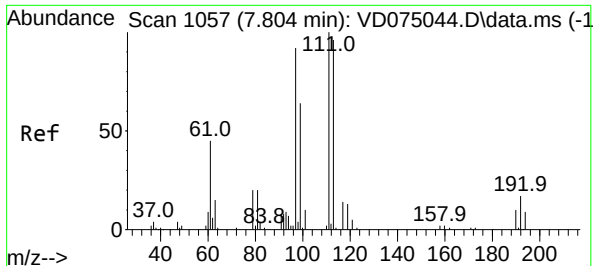
Ion Ratio Lower Upper

114 100

63 27.1 0.0 33.8

88 16.3 0.0 27.8





#35

Dibromofluoromethane

Concen: 56.629 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075070.D

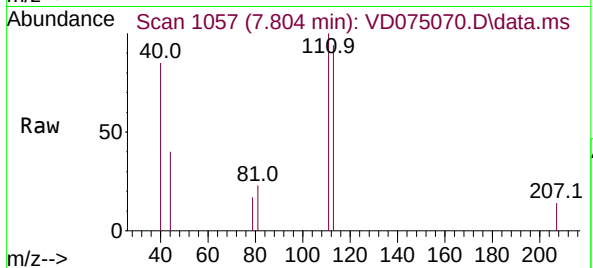
Acq: 28 Dec 2022 17:15

Instrument :

MSVOA_D

ClientSampleId :

CHRT-26598



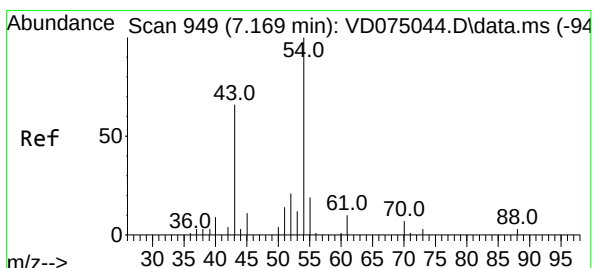
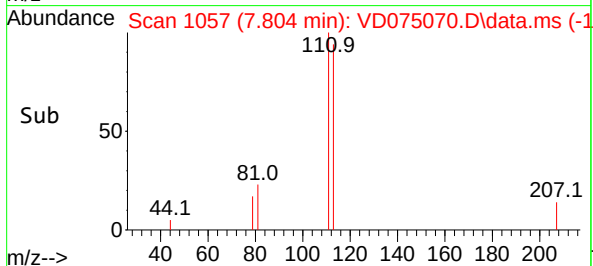
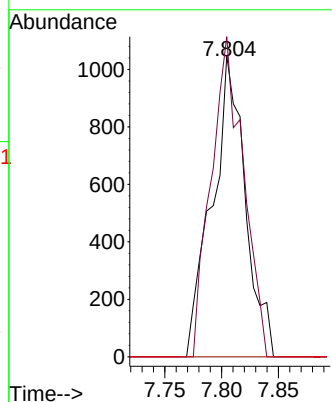
Tgt Ion:113 Resp: 2133

Ion Ratio Lower Upper

113 100

111 103.6 82.1 123.1

192 0.0 15.1 22.7#



#37

Ethyl Acetate

Concen: 2.279 ug/l

RT: 7.316 min Scan# 974

Delta R.T. 0.147 min

Lab File: VD075070.D

Acq: 28 Dec 2022 17:15

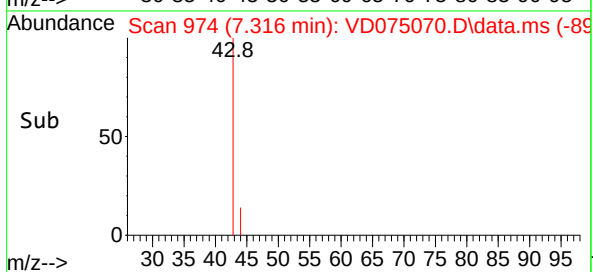
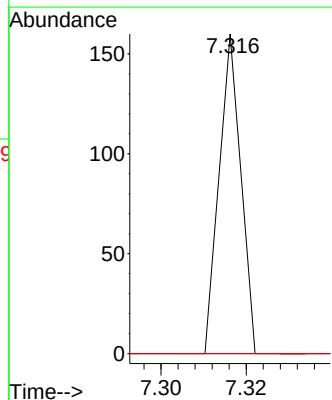
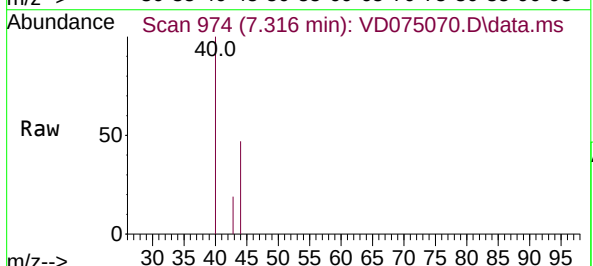
Tgt Ion: 43 Resp: 56

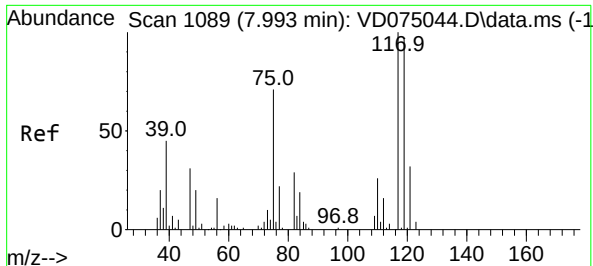
Ion Ratio Lower Upper

43 100

61 0.0 12.8 19.2#

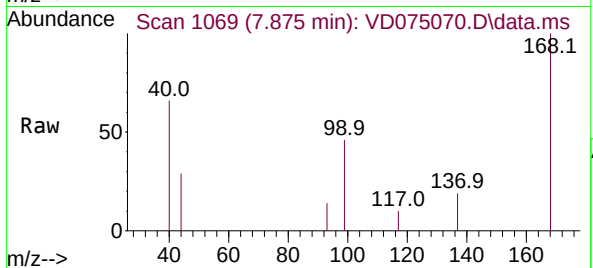
70 0.0 10.2 15.4#



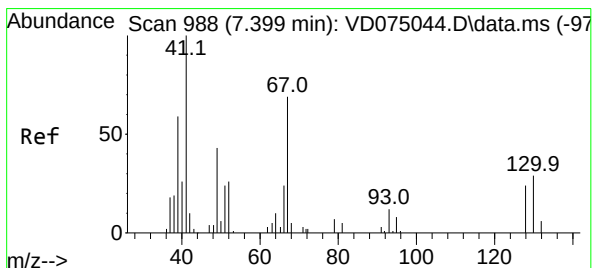
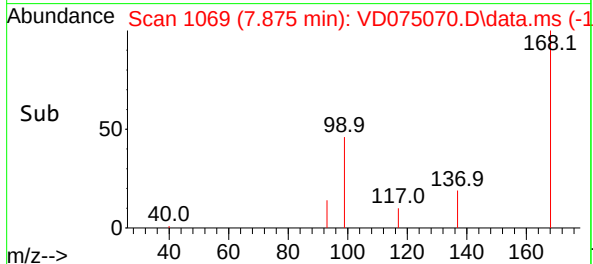
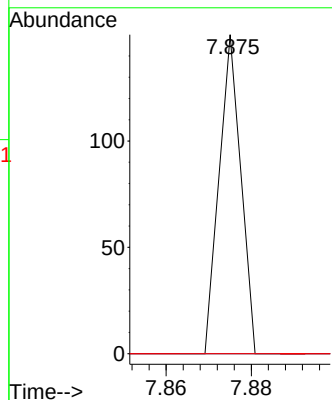


#38
Carbon Tetrachloride
Concen: 1.260 ug/l
RT: 7.875 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26598

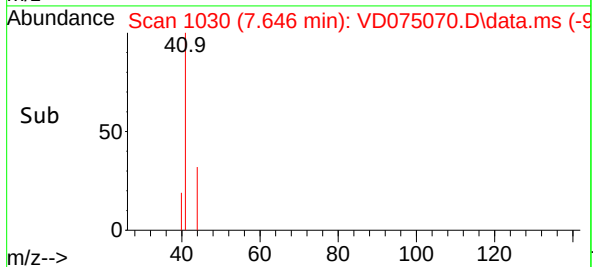
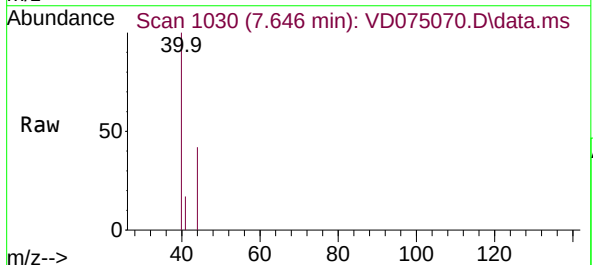
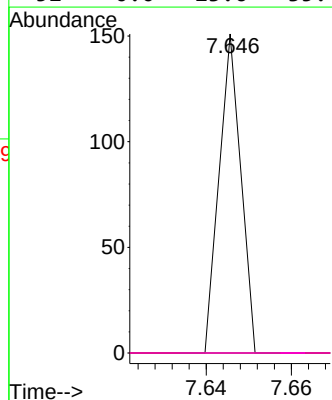


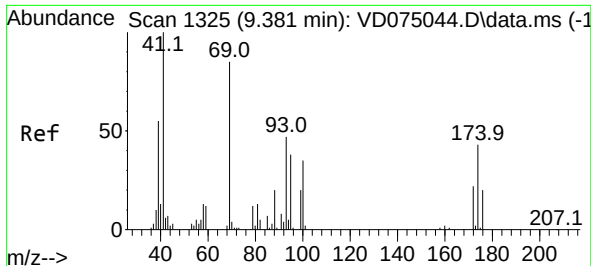
Tgt Ion:117 Resp: 53
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 25.4 38.0#



#41
Methacrylonitrile
Concen: 3.466 ug/l
RT: 7.646 min Scan# 1030
Delta R.T. 0.241 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

Tgt Ion: 41 Resp: 53
Ion Ratio Lower Upper
41 100
39 0.0 44.8 67.2#
67 0.0 69.6 104.4#
52 0.0 23.6 35.4#

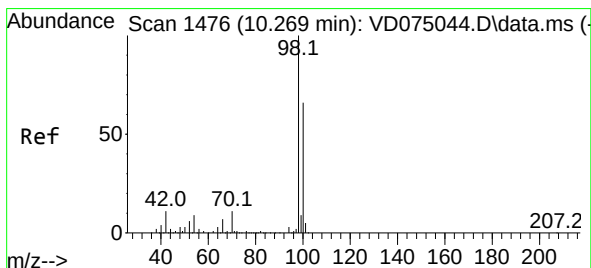
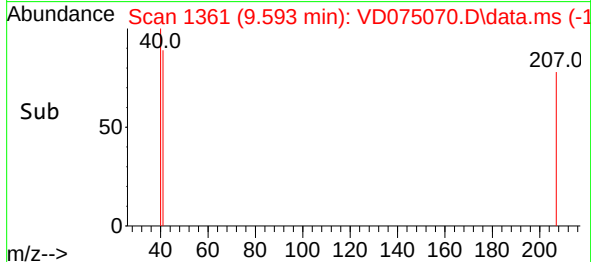
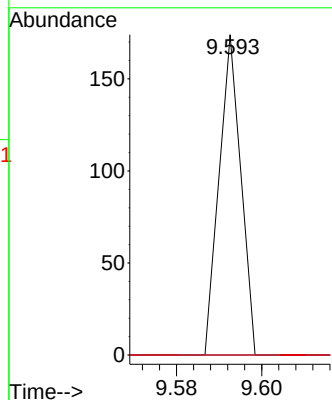
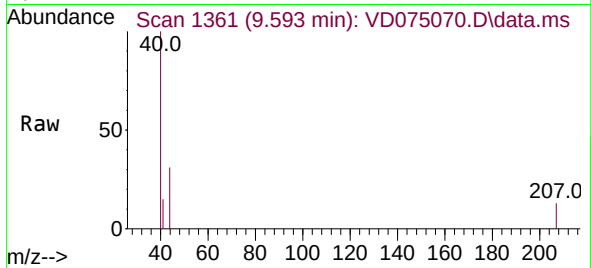




#48
Methyl methacrylate
Concen: 2.716 ug/l
RT: 9.593 min Scan# 1361
Delta R.T. 0.212 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

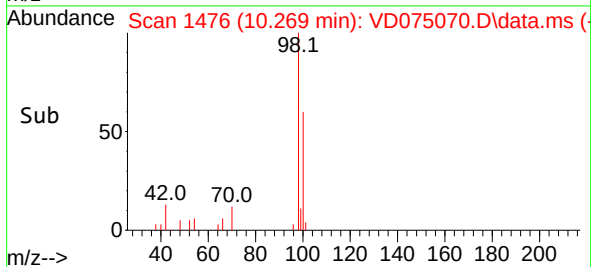
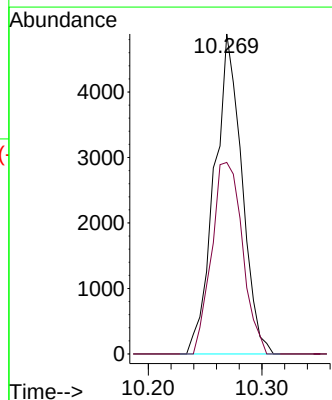
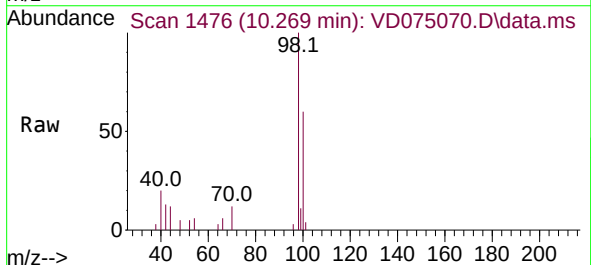
Instrument :
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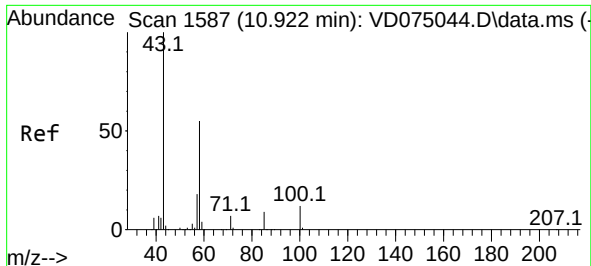
Tgt Ion: 41 Resp: 61
Ion Ratio Lower Upper
41 100
69 0.0 84.8 127.2#
39 0.0 43.6 65.4#



#50
Toluene-d8
Concen: 53.991 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

Tgt Ion: 98 Resp: 8217
Ion Ratio Lower Upper
98 100
100 66.9 52.2 78.2

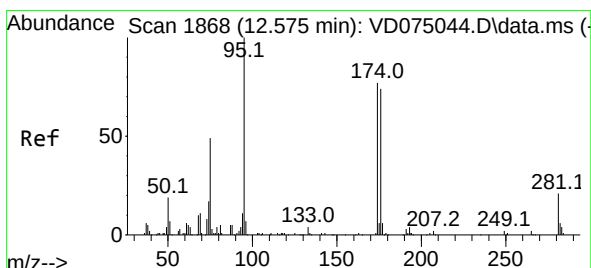
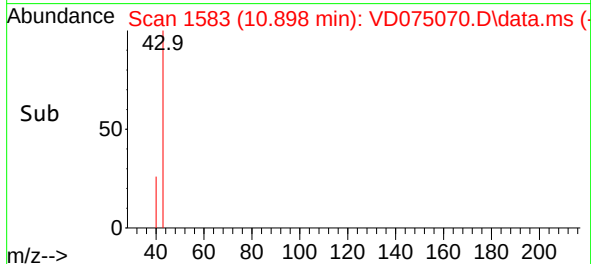
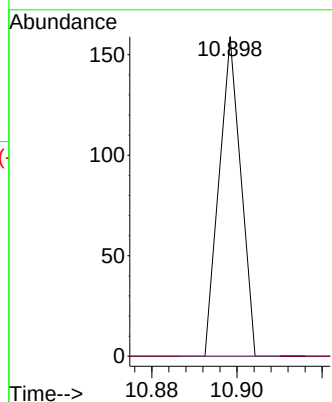
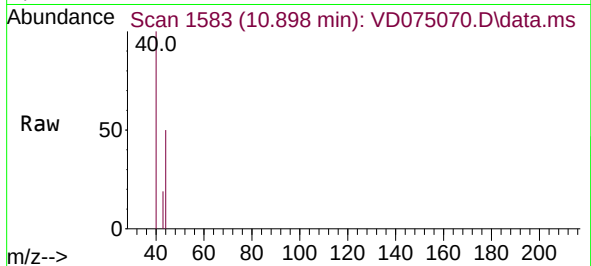




#59
2-Hexanone
Concen: 3.153 ug/l
RT: 10.898 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

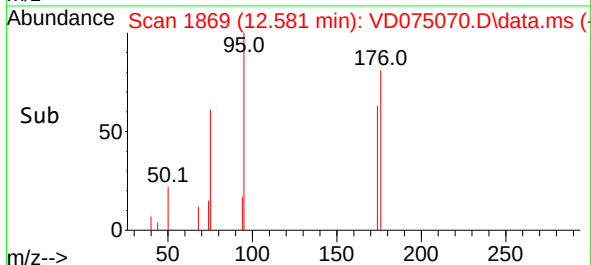
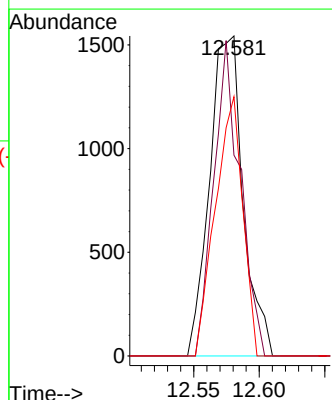
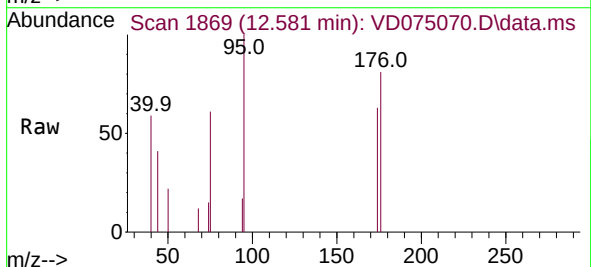
Instrument :
MSVOA_D
ClientSampleId :
CHRT-26598

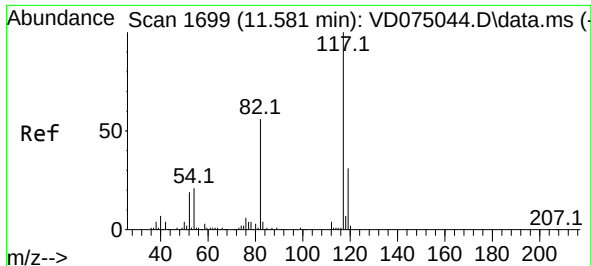
Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 30.8 92.4#



#62
4-Bromofluorobenzene
Concen: 55.675 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

Tgt Ion: 95 Resp: 2745
Ion Ratio Lower Upper
95 100
174 77.8 0.0 171.2
176 66.2 0.0 165.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075070.D

Acq: 28 Dec 2022 17:15

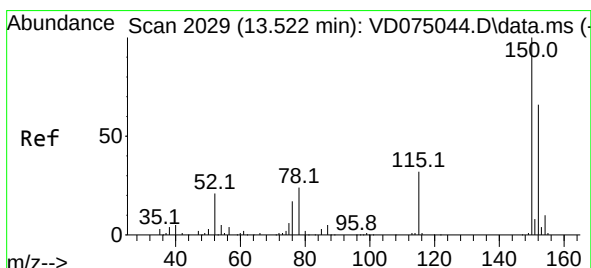
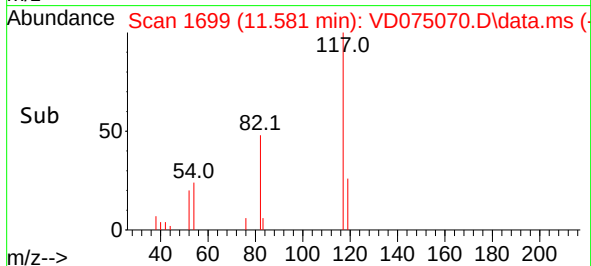
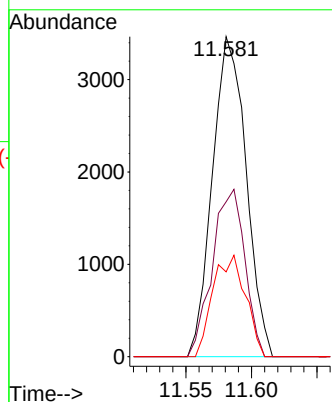
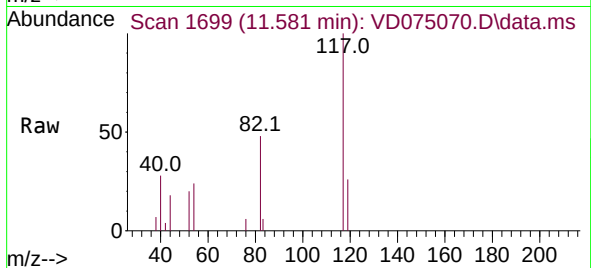
Instrument :

MSVOA_D

ClientSampleId :

CHRT-26598

Tgt Ion:117	Resp:	6189
Ion	Ratio	Lower Upper
117	100	
82	48.4	40.9 61.3
119	26.5	25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

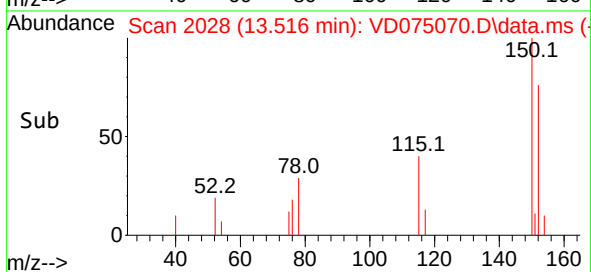
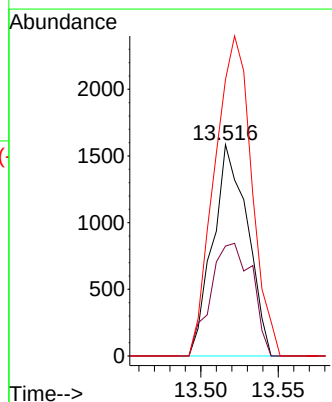
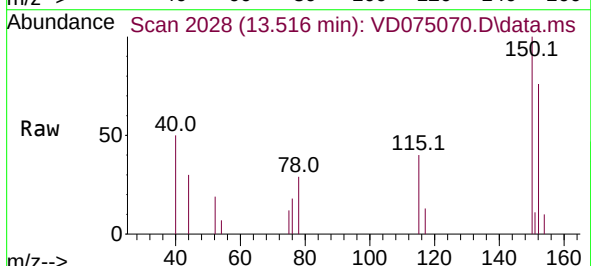
RT: 13.516 min Scan# 2028

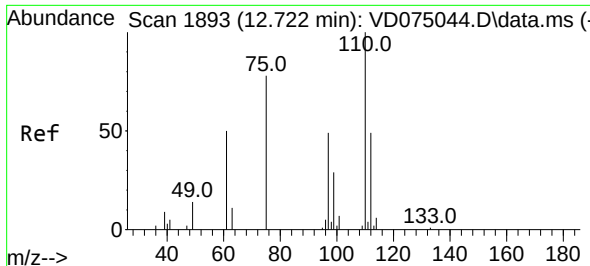
Delta R.T. -0.000 min

Lab File: VD075070.D

Acq: 28 Dec 2022 17:15

Tgt Ion:152	Resp:	2462
Ion	Ratio	Lower Upper
152	100	
115	63.6	28.8 86.5
150	162.3	0.0 354.2

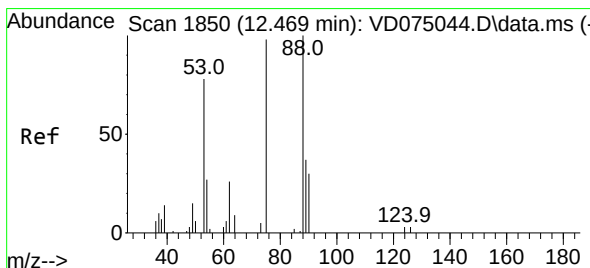
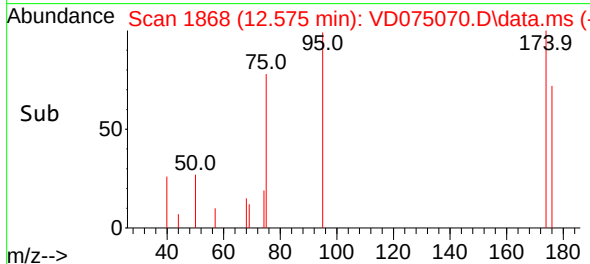
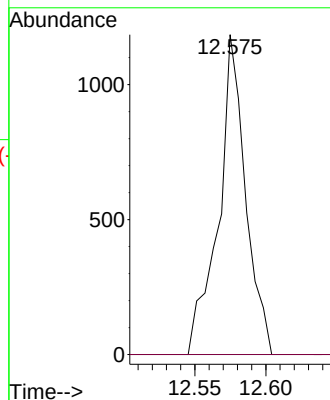
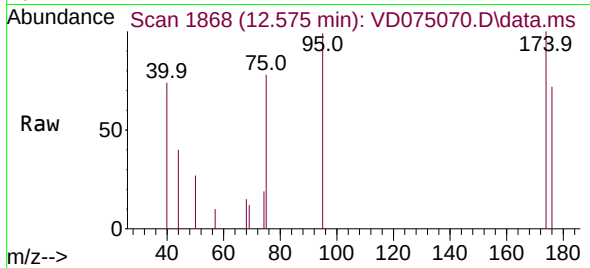




#76
1,2,3-Trichloropropane
Concen: 62.114 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

Instrument :
MSVOA_D
ClientSampleId :
CHRT-26598

Tgt Ion: 75 Resp: 1568
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 143.957 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075070.D
Acq: 28 Dec 2022 17:15

Tgt Ion: 75 Resp: 1568
Ion Ratio Lower Upper
75 100
53 0.0 60.0 90.0#
89 0.0 37.4 56.0#

