

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075955.D
 Acq On : 02 May 2023 10:31
 Operator : KP/SY
 Sample : VD0502SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VBLK123

Quant Time: May 03 02:47:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

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

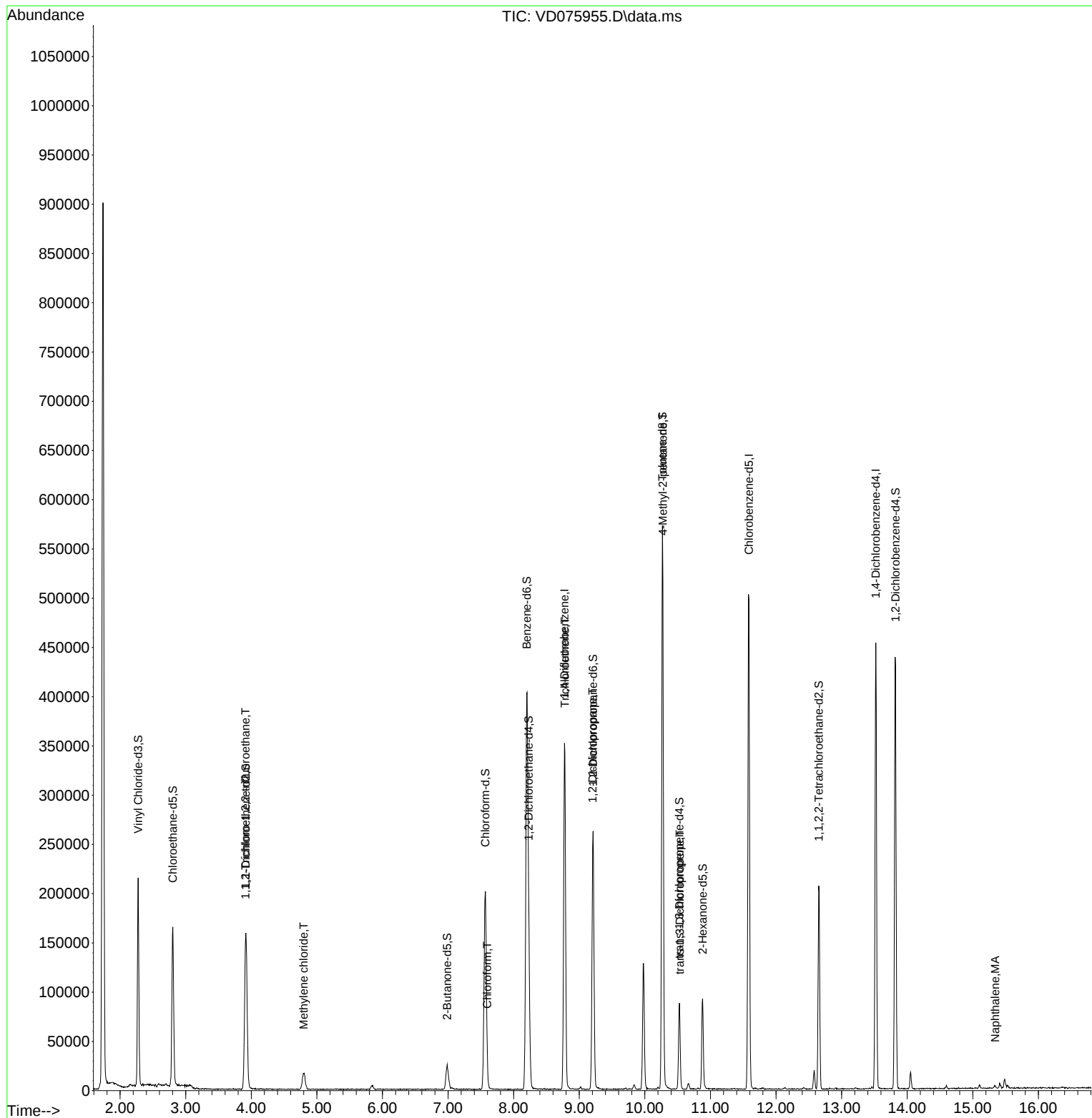
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	347646	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	332324	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	134765	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	200476	26.287	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.160%			
7) Chloroethane-d5	2.805	69	174580	26.494	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.960%			
11) 1,1-Dichloroethene-d2	3.916	65	45378	25.808	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 103.240%			
21) 2-Butanone-d5	6.987	46	40779	61.593	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 123.180%			
24) Chloroform-d	7.569	84	223387	25.696	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.800%			
26) 1,2-Dichloroethane-d4	8.228	65	102142	27.513	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 110.040%			
32) Benzene-d6	8.199	84	467702	24.147	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.600%			
36) 1,2-Dichloropropane-d6	9.210	67	138108	25.760	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.040%			
41) Toluene-d8	10.269	98	422890	23.321	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.280%			
43) trans-1,3-Dichloroprop...	10.528	79	52395	23.644	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.560%			
47) 2-Hexanone-d5	10.881	63	33409	51.755	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.500%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	110681	26.979	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.920%			
66) 1,2-Dichlorobenzene-d4	13.822	152	130252	27.325	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.280%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.911	101	1420	0.301	ug/L #	21
16) Methylene chloride	4.799	84	8443	1.197	ug/L	89
25) Chloroform	7.599	83	4964	0.590	ug/L	88
34) Trichloroethene	8.781	95	9305	1.790	ug/L #	2
37) 1,2-Dichloropropane	9.204	63	13346	2.890	ug/L #	85
40) 4-Methyl-2-pentanone	10.275	43	1289	0.766	ug/L #	1
44) trans-1,3-Dichloropropene	10.534	75	2368	0.401	ug/L #	64
71) Naphthalene	15.339	128	3445	0.396	ug/L #	78

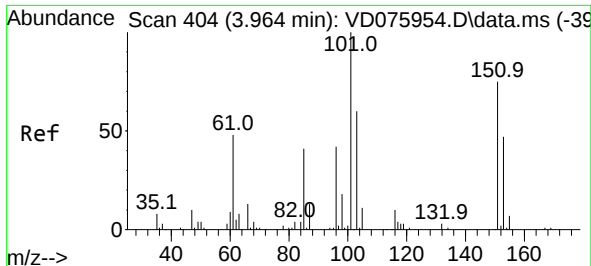
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed May 03 02:37:35 2023
Response via : Initial Calibration

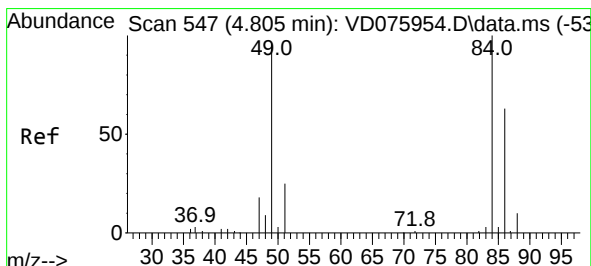
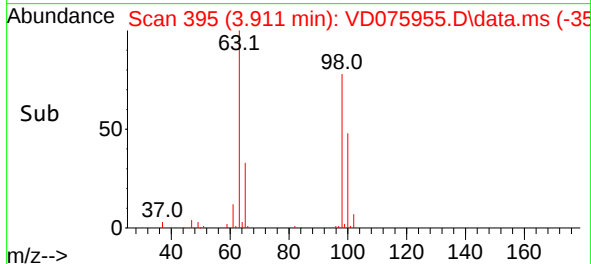
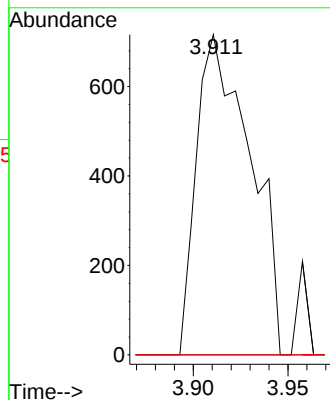
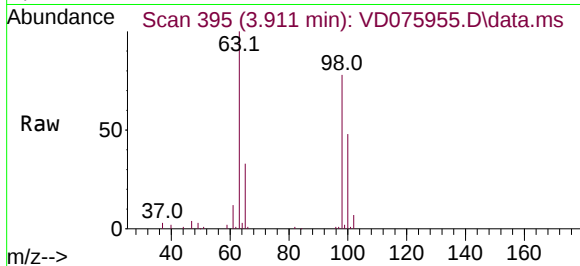




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.301 ug/L
RT: 3.911 min Scan# 395
Delta R.T. -0.053 min
Lab File: VD075955.D
Acq: 02 May 2023 10:31

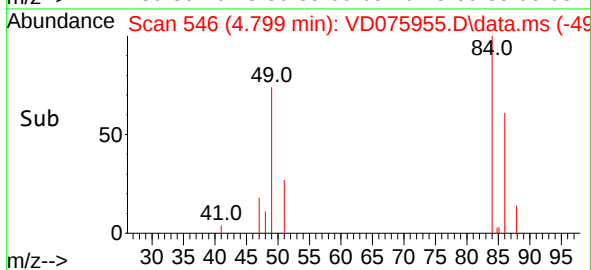
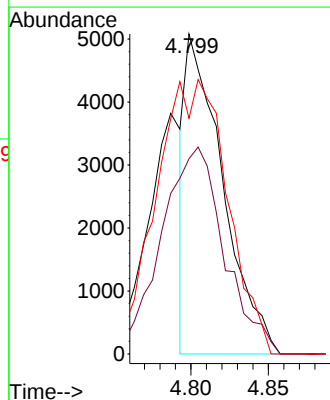
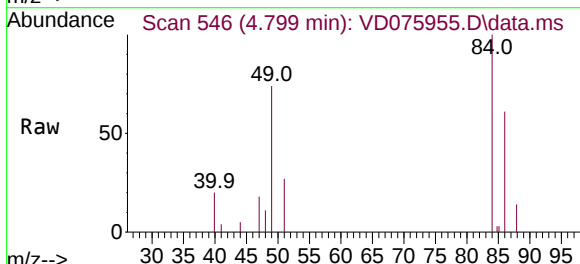
Instrument :
MSVOA_D
ClientSampleId :
VBLK123

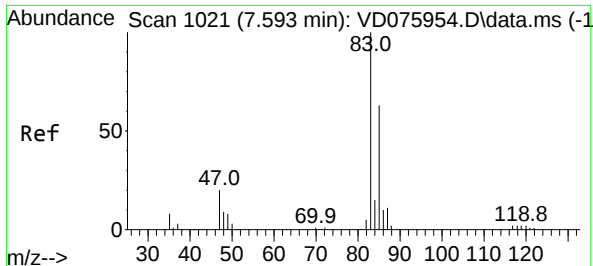
Tgt Ion:101 Resp: 1420
Ion Ratio Lower Upper
101 100
85 0.0 32.9 49.3#
151 0.0 57.2 85.8#



#16
Methylene chloride
Concen: 1.197 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075955.D
Acq: 02 May 2023 10:31

Tgt Ion: 84 Resp: 8443
Ion Ratio Lower Upper
84 100
86 61.0 45.8 85.2
49 73.6 60.8 112.8





#25

Chloroform

Concen: 0.590 ug/L

RT: 7.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075955.D

Acq: 02 May 2023 10:31

Instrument :

MSVOA_D

ClientSampleId :

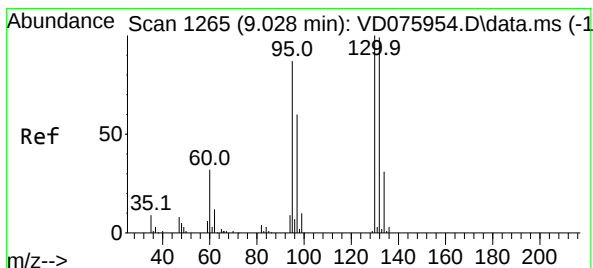
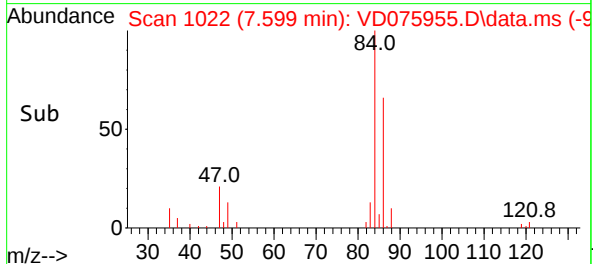
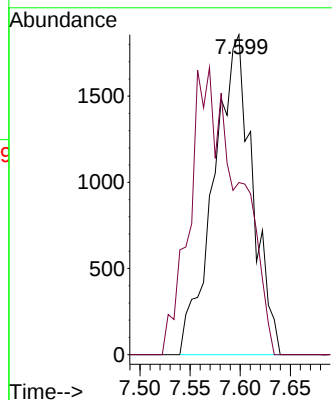
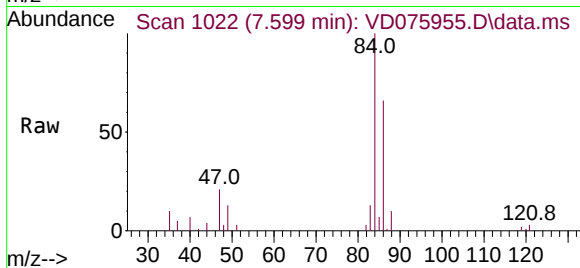
VBLK123

Tgt Ion: 83 Resp: 4964

Ion Ratio Lower Upper

83 100

85 53.8 44.4 82.5



#34

Trichloroethene

Concen: 1.790 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD075955.D

Acq: 02 May 2023 10:31

Tgt Ion: 95 Resp: 9305

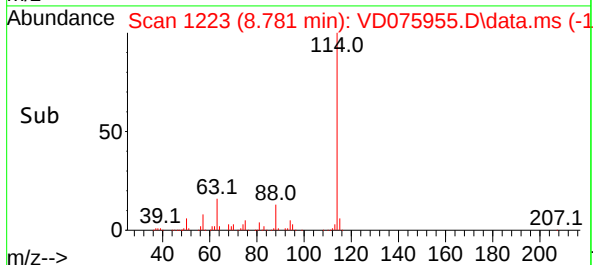
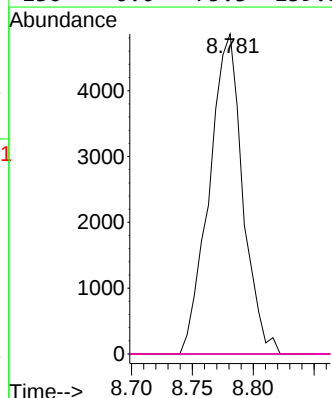
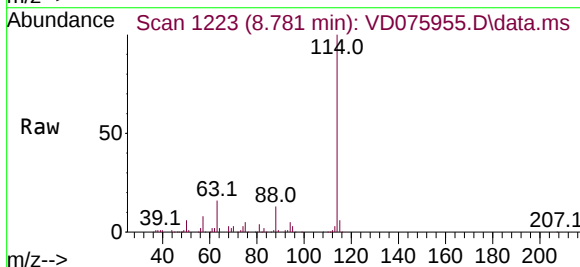
Ion Ratio Lower Upper

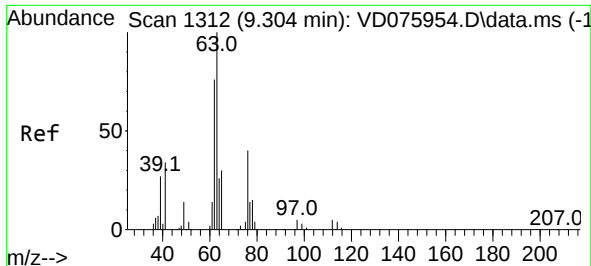
95 100

97 0.0 46.0 85.4#

132 0.0 73.3 136.1#

130 0.0 75.3 139.9#

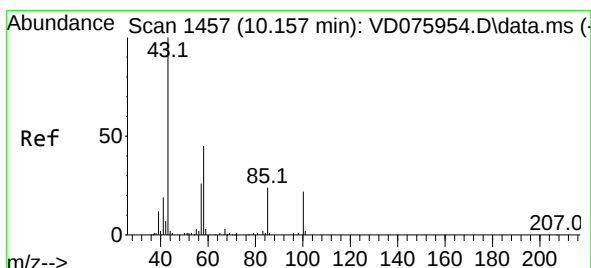
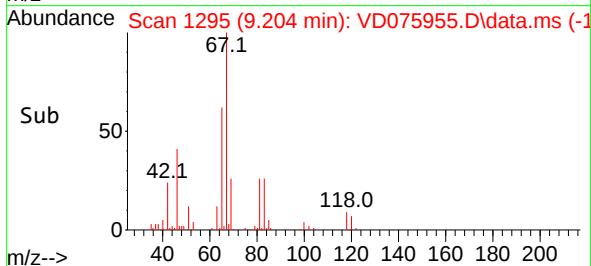
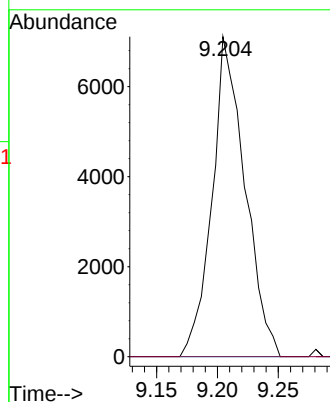
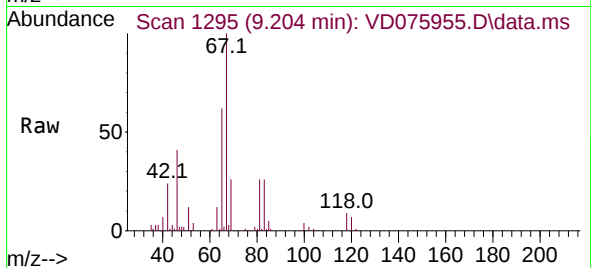




#37
1,2-Dichloropropane
Concen: 2.890 ug/L
RT: 9.204 min Scan# 11
Delta R.T. -0.100 min
Lab File: VD075955.D
Acq: 02 May 2023 10:31

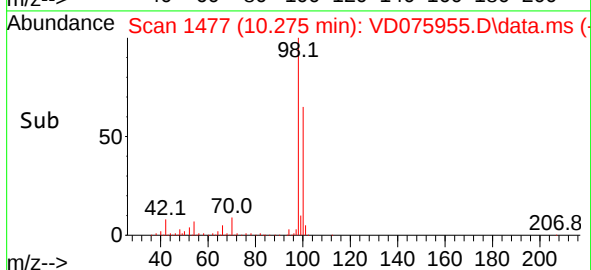
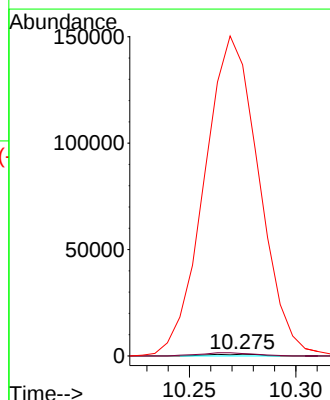
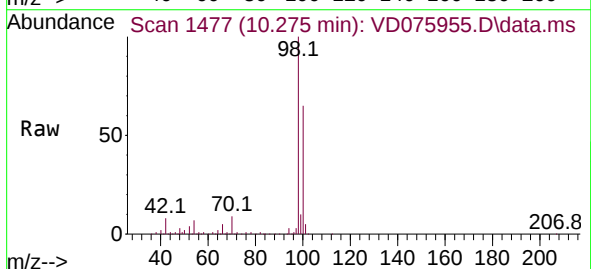
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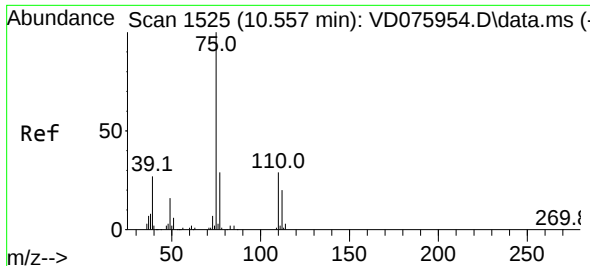
Tgt Ion: 63 Resp: 13346
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#40
4-Methyl-2-pentanone
Concen: 0.766 ug/L
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD075955.D
Acq: 02 May 2023 10:31

Tgt Ion: 43 Resp: 1289
Ion Ratio Lower Upper
43 100
58 206.6 39.1 58.7#
100 20980.4 19.4 29.0#

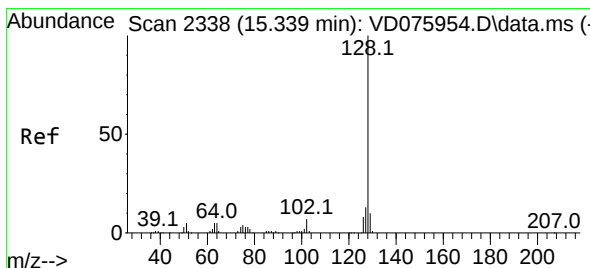
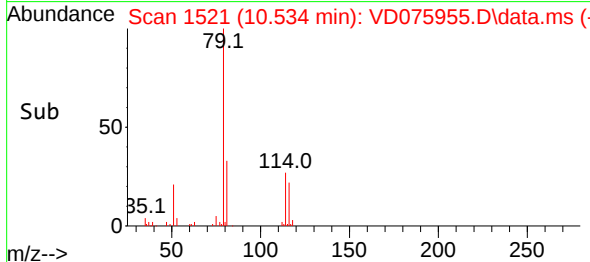
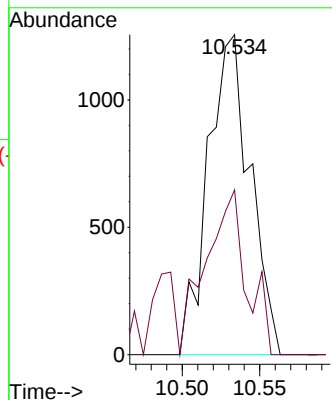
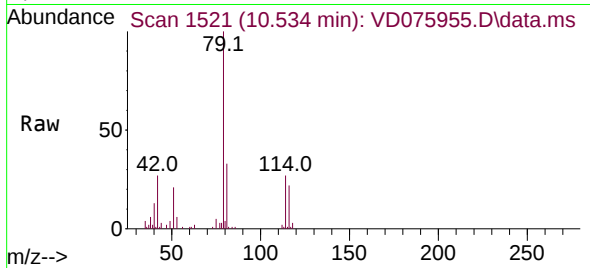




#44
trans-1,3-Dichloropropene
Concen: 0.401 ug/L
RT: 10.534 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD075955.D
Acq: 02 May 2023 10:31

Instrument :
MSVOA_D
ClientSampleId :
VBLK123

Tgt Ion: 75 Resp: 2368
Ion Ratio Lower Upper
75 100
77 51.5 22.0 41.0#



#71
Naphthalene
Concen: 0.396 ug/L
RT: 15.339 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VD075955.D
Acq: 02 May 2023 10:31

Tgt Ion:128 Resp: 3445
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 7.4 9.1 13.7#

