

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075933.D
 Acq On : 01 May 2023 11:44
 Operator : KP/SY
 Sample : VD0501SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 02:32:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

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

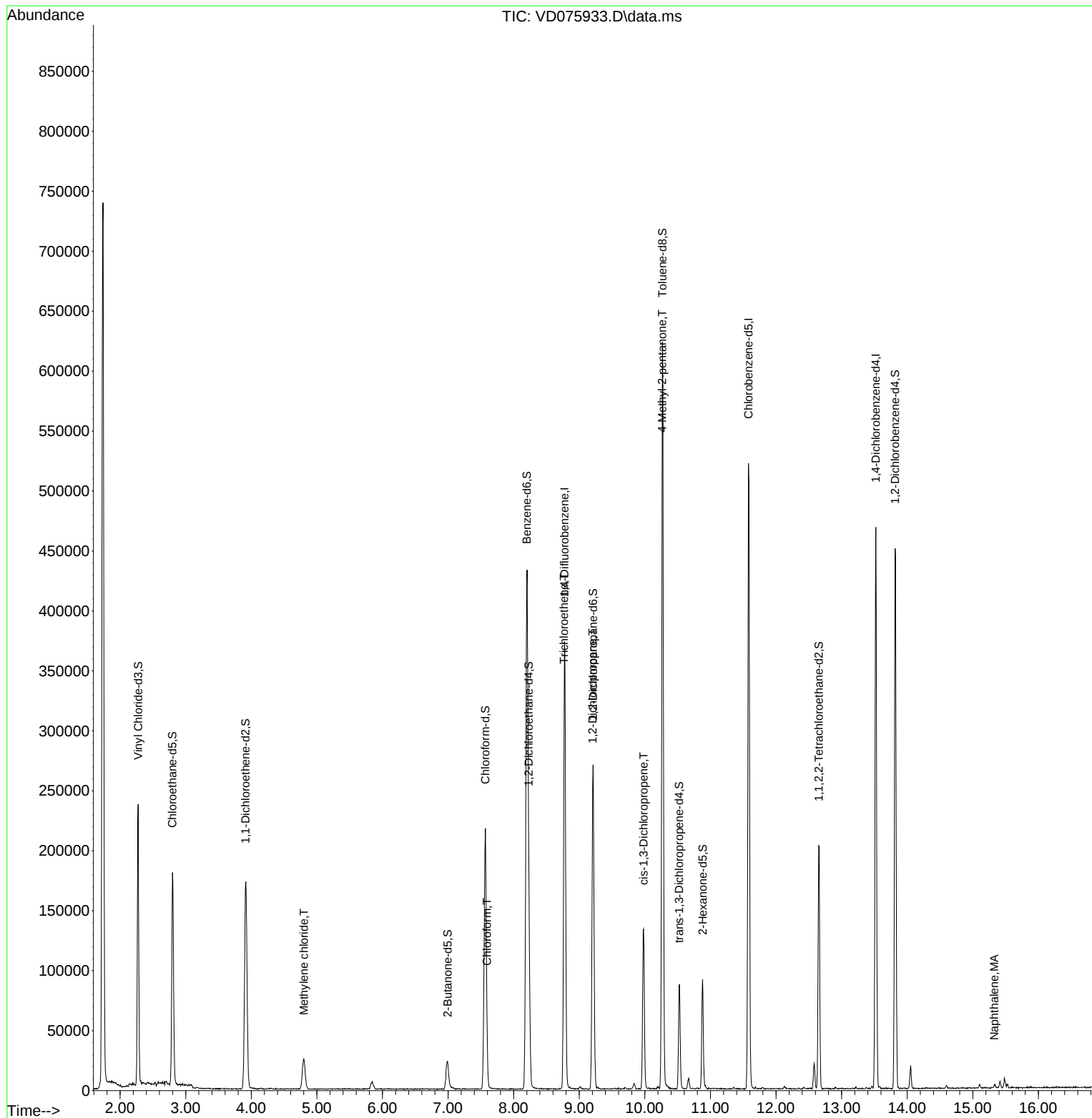
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	372929	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	338999	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	142294	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	219273	26.802	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 107.200%		
7) Chloroethane-d5	2.799	69	194207	27.474	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 109.880%		
11) 1,1-Dichloroethene-d2	3.911	65	48409	25.666	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 102.680%		
21) 2-Butanone-d5	6.993	46	40174	56.565	ug/L	0.01
Spiked Amount	50.000	Range 20 - 135	Recovery	= 113.140%		
24) Chloroform-d	7.569	84	227830	24.430	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 97.720%		
26) 1,2-Dichloroethane-d4	8.228	65	102694	25.786	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 103.160%		
32) Benzene-d6	8.199	84	496004	25.103	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 100.400%		
36) 1,2-Dichloropropane-d6	9.210	67	143313	26.205	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 104.840%		
41) Toluene-d8	10.269	98	453272	24.504	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 98.000%		
43) trans-1,3-Dichloroprop...	10.522	79	52267	23.122	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 92.480%		
47) 2-Hexanone-d5	10.881	63	32117	48.773	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 97.540%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	110682	26.448	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 105.800%		
66) 1,2-Dichlorobenzene-d4	13.816	152	136088	27.039	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 108.160%		
Target Compounds						
16) Methylene chloride	4.805	84	21795	2.881	ug/L	95
25) Chloroform	7.593	83	4116	0.456	ug/L #	73
34) Trichloroethene	8.769	95	9306	1.755	ug/L #	2
37) 1,2-Dichloropropane	9.204	63	13881	2.947	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3401	0.454	ug/L #	36
40) 4-Methyl-2-pentanone	10.263	43	1142	0.665	ug/L #	1
71) Naphthalene	15.328	128	3309	0.361	ug/L #	77

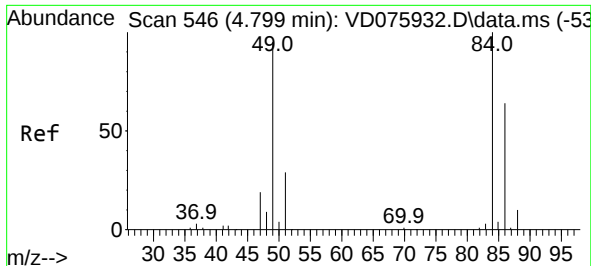
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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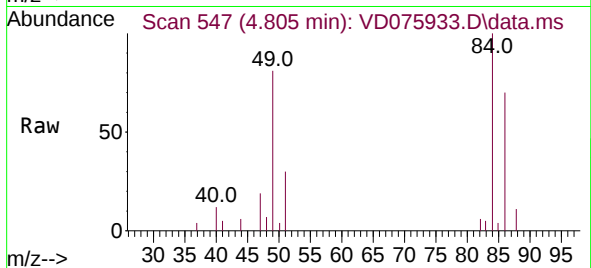
Quant Time: May 02 02:32:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 02 02:31:38 2023
Response via : Initial Calibration



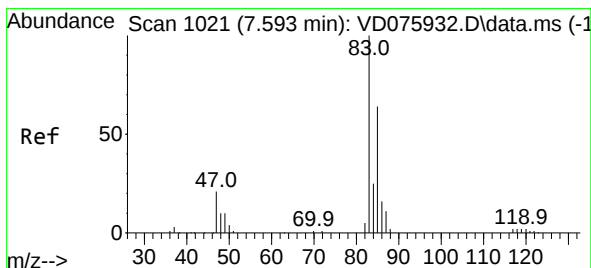
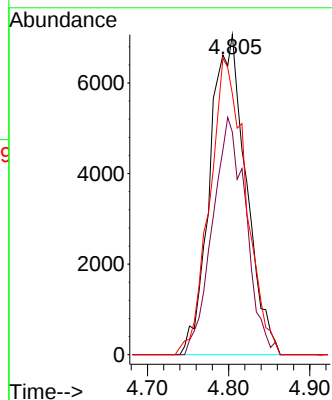
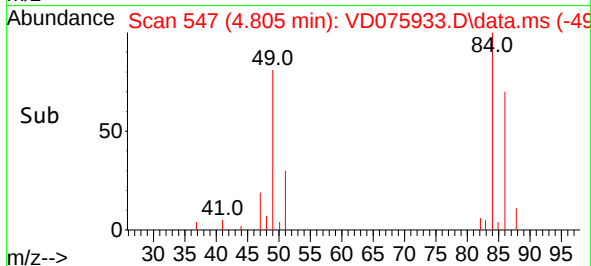


#16
Methylene chloride
Concen: 2.881 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD075933.D
Acq: 01 May 2023 11:44

Instrument :
MSVOA_D
ClientSampleId :

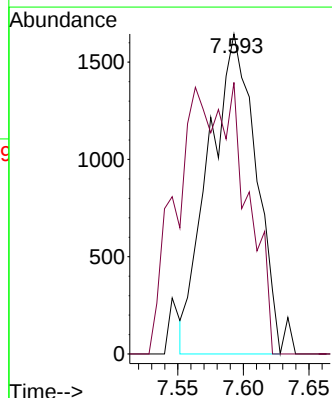
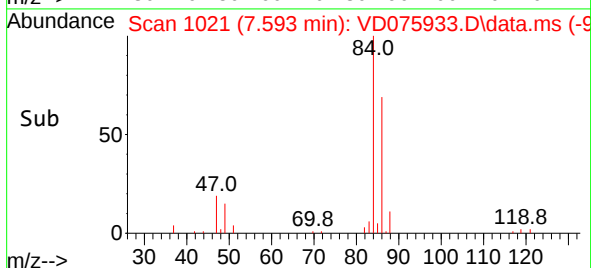
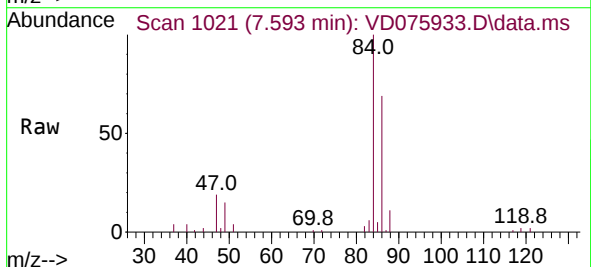


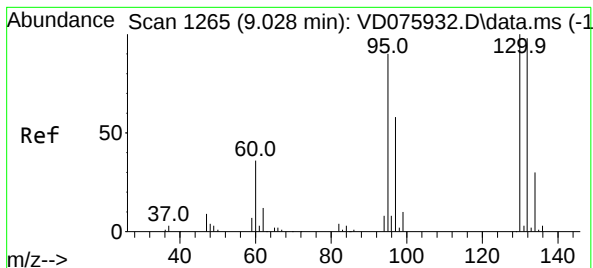
Tgt Ion: 84 Resp: 21795
Ion Ratio Lower Upper
84 100
86 69.6 45.8 85.2
49 81.5 60.8 112.8



#25
Chloroform
Concen: 0.456 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD075933.D
Acq: 01 May 2023 11:44

Tgt Ion: 83 Resp: 4116
Ion Ratio Lower Upper
83 100
85 84.9 44.4 82.5#





#34

Trichloroethene

Concen: 1.755 ug/L

RT: 8.769 min Scan# 11

Delta R.T. -0.259 min

Lab File: VD075933.D

Acq: 01 May 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 9306

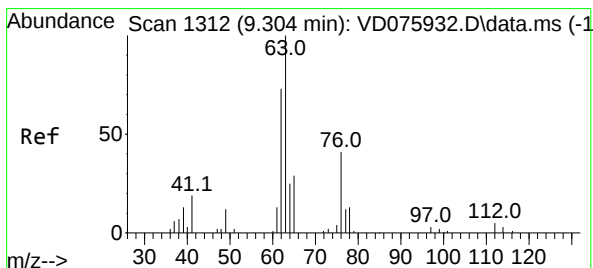
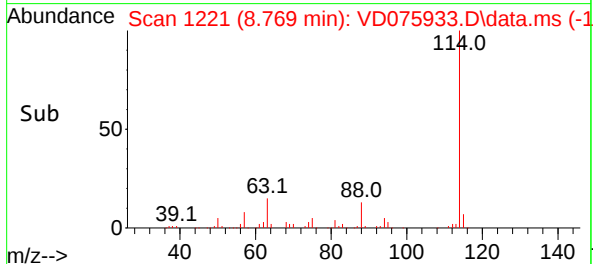
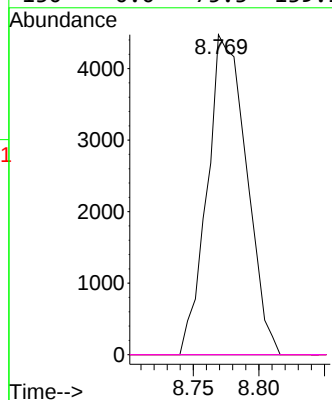
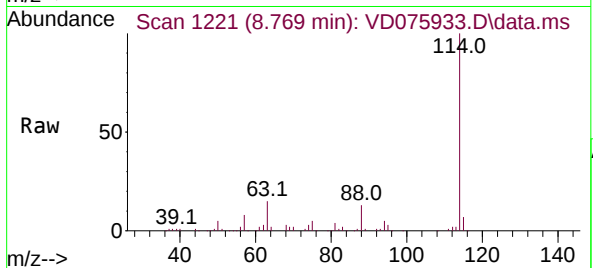
Ion Ratio Lower Upper

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: 2.947 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.100 min

Lab File: VD075933.D

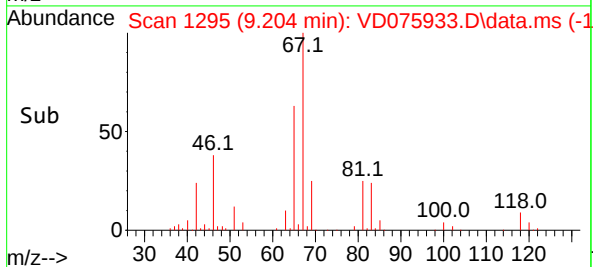
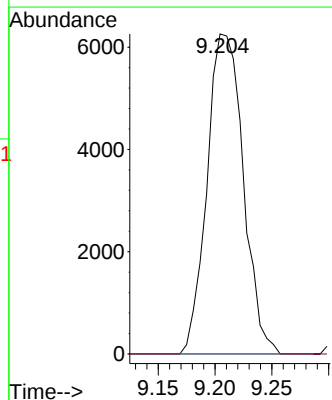
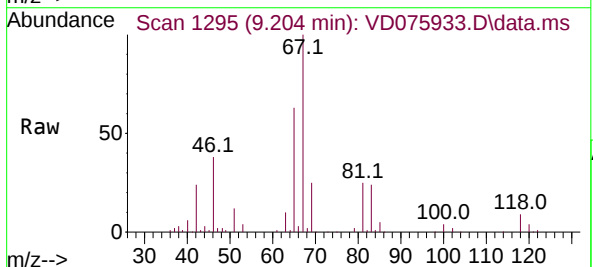
Acq: 01 May 2023 11:44

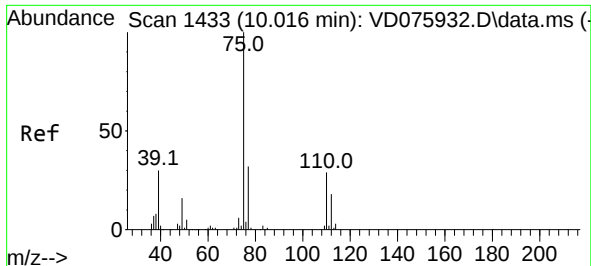
Tgt Ion: 63 Resp: 13881

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

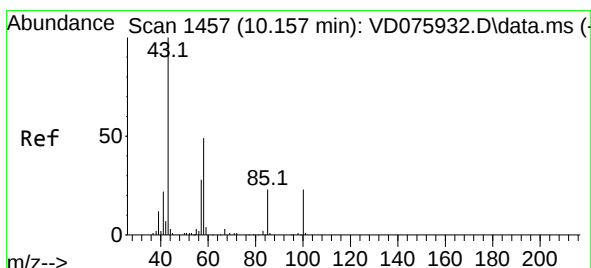
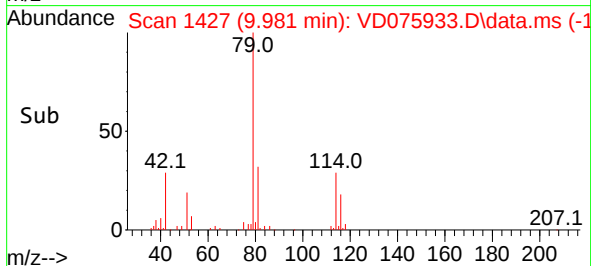
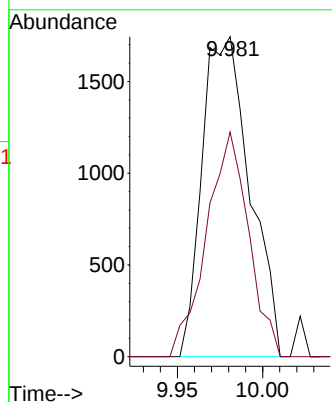
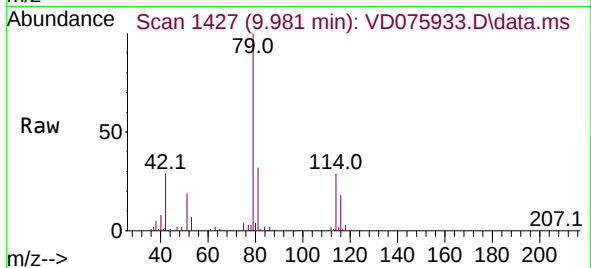




#39
 cis-1,3-Dichloropropene
 Concen: 0.454 ug/L
 RT: 9.981 min Scan# 1427
 Delta R.T. -0.035 min
 Lab File: VD075933.D
 Acq: 01 May 2023 11:44

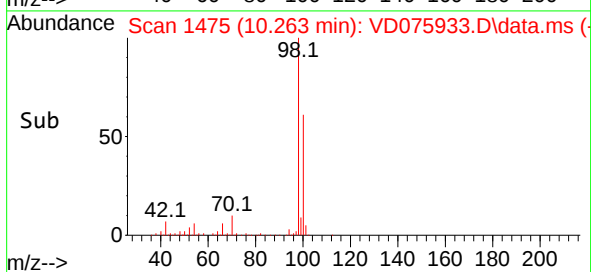
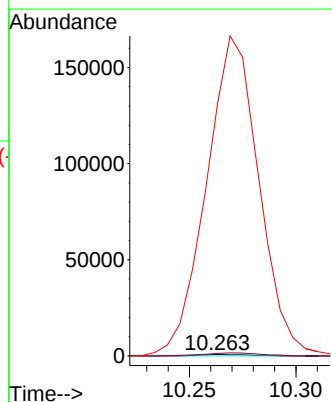
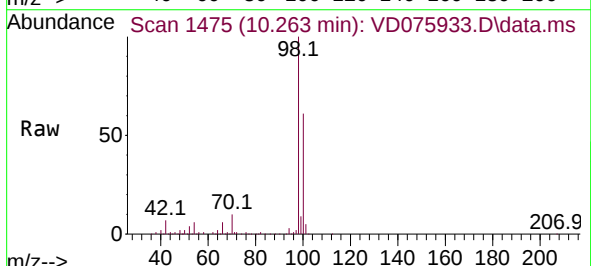
Instrument :
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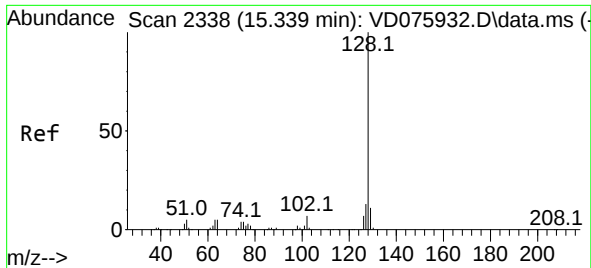
Tgt Ion: 75 Resp: 3401
 Ion Ratio Lower Upper
 75 100
 77 70.2 23.4 43.6#



#40
 4-Methyl-2-pentanone
 Concen: 0.665 ug/L
 RT: 10.263 min Scan# 1475
 Delta R.T. 0.106 min
 Lab File: VD075933.D
 Acq: 01 May 2023 11:44

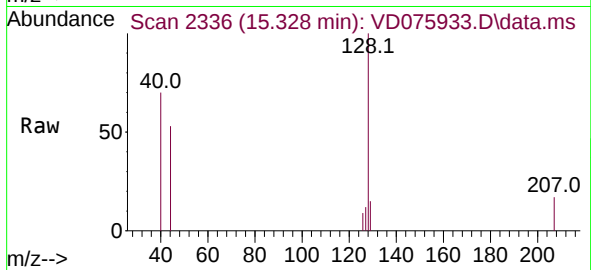
Tgt Ion: 43 Resp: 1142
 Ion Ratio Lower Upper
 43 100
 58 268.0 39.1 58.7#
 100 25112.7 19.4 29.0#





#71
Naphthalene
Concen: 0.361 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD075933.D
Acq: 01 May 2023 11:44

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	3309
Ion	Ratio	Lower	Upper
128	100		
127	2.4	10.5	15.7#
129	4.6	9.1	13.7#

