

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111723\
 Data File : VD077606.D
 Acq On : 17 Nov 2023 11:55
 Operator : JC/SY
 Sample : VIBLK
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 00:35:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Nov 18 00:25:31 2023
 Response via : Initial Calibration

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

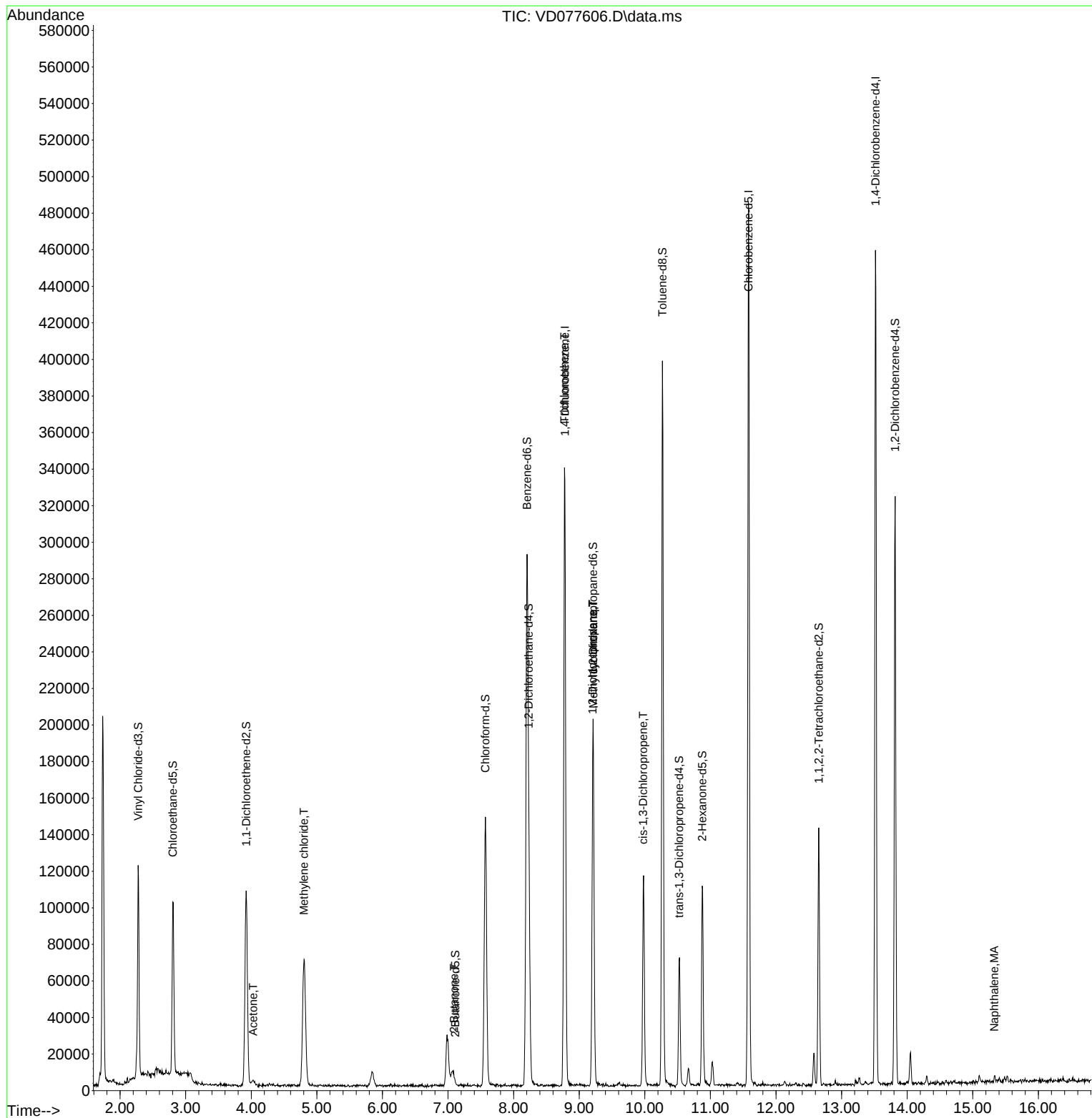
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	282035	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	263956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	118072	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	106255	14.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.240%
7) Chloroethane-d5	2.805	69	98382	17.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.840%
11) 1,1-Dichloroethene-d2	3.922	65	32976	14.864	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.440%
21) 2-Butanone-d5	7.111	46	365	0.294	ug/L	0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.580%#
24) Chloroform-d	7.569	84	151368	18.579	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.320%
26) 1,2-Dichloroethane-d4	8.228	65	81277	18.755	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.000%
32) Benzene-d6	8.205	84	291687	17.026	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.120%
36) 1,2-Dichloropropane-d6	9.210	67	100568	18.022	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	72.080%
41) Toluene-d8	10.269	98	259458	16.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.040%
43) trans-1,3-Dichloroprop...	10.522	79	39664	16.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.960%
47) 2-Hexanone-d5	10.875	63	39575	39.644	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.280%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70448	19.054	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	80110	19.072	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.280%
Target Compounds						Qvalue
13) Acetone	4.028	43	3748	2.871	ug/L	71
16) Methylene chloride	4.805	84	51056	10.722	ug/L	98
22) 2-Butanone	7.093	43	3405	2.167	ug/L #	64
34) Trichloroethene	8.775	95	7991	1.762	ug/L #	10
35) Methylcyclohexane	9.216	83	21198	2.590	ug/L #	17
37) 1,2-Dichloropropane	9.205	63	11210	2.203	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	2579	0.330	ug/L #	9
71) Naphthalene	15.328	128	2937	0.347	ug/L	97

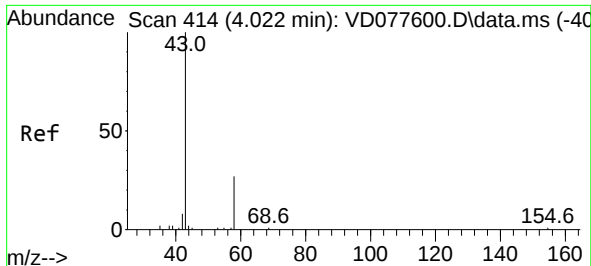
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Nov 18 00:25:31 2023
Response via : Initial Calibration





#13

Acetone

Concen: 2.871 ug/L

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD077606.D

Acq: 17 Nov 2023 11:55

Instrument :

MSVOA_D

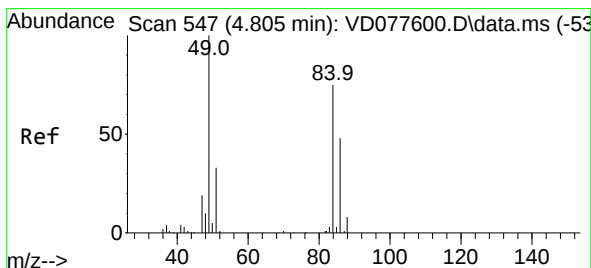
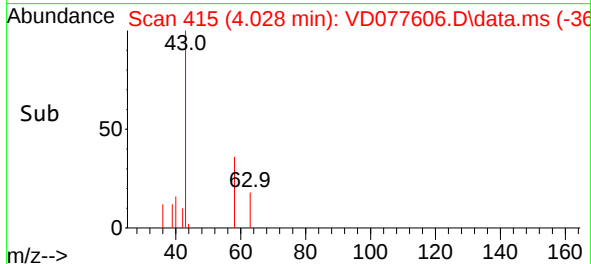
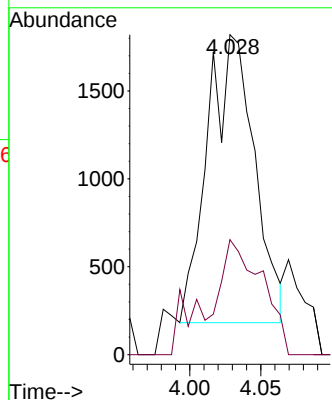
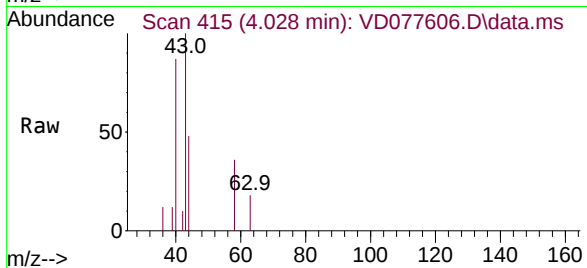
ClientSampleId :

Tgt Ion: 43 Resp: 3748

Ion Ratio Lower Upper

43 100

58 15.9 0.0 64.0



#16

Methylene chloride

Concen: 10.722 ug/L

RT: 4.805 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD077606.D

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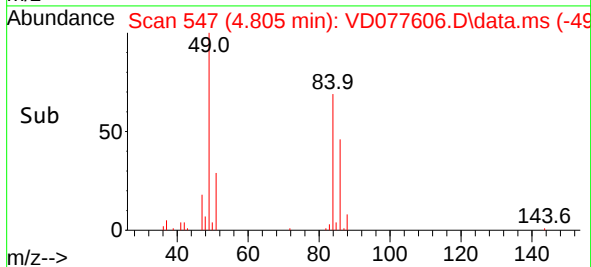
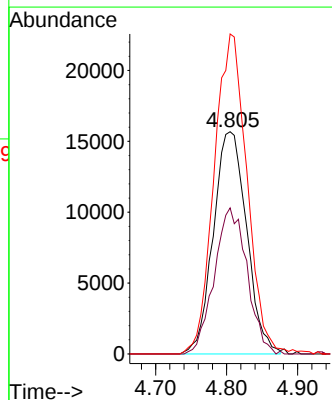
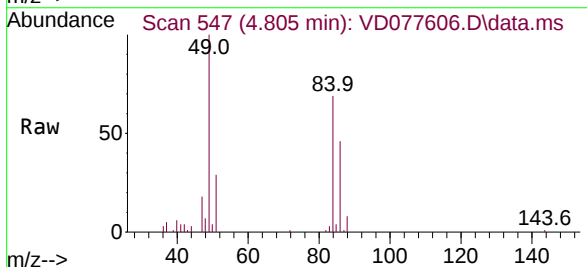
Tgt Ion: 84 Resp: 51056

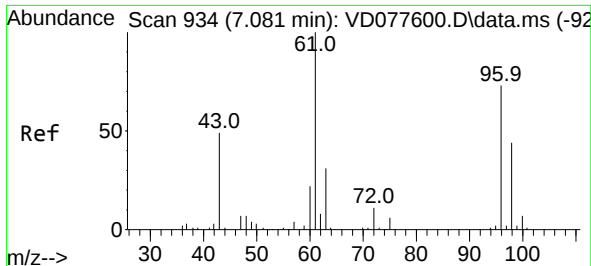
Ion Ratio Lower Upper

84 100

86 65.7 46.5 86.5

49 144.0 98.3 182.7

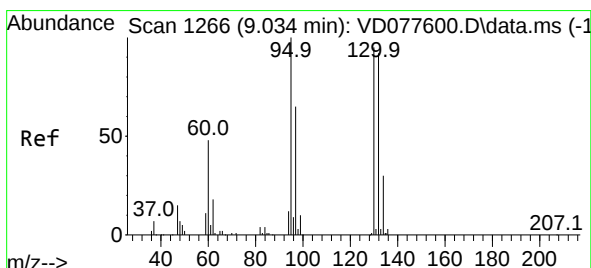
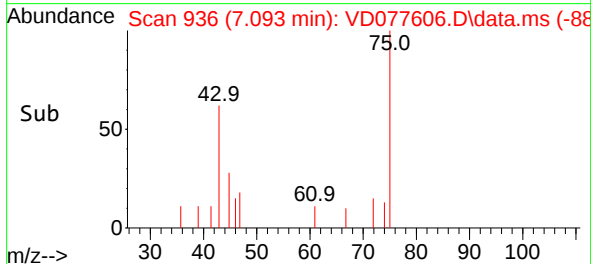
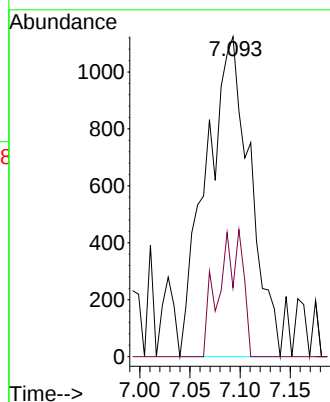
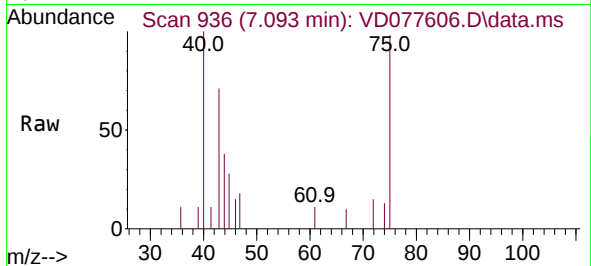




#22
2-Butanone
Concen: 2.167 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD077606.D
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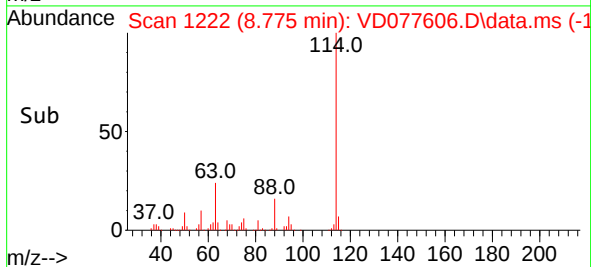
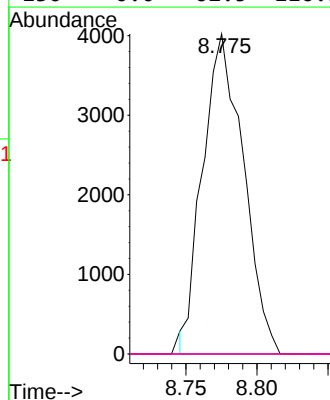
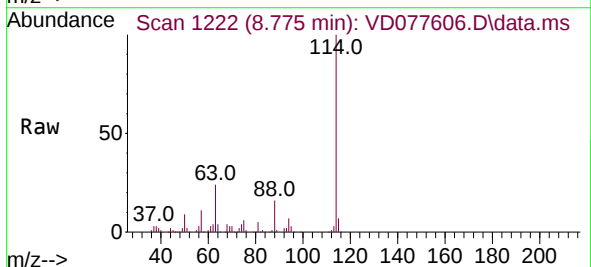
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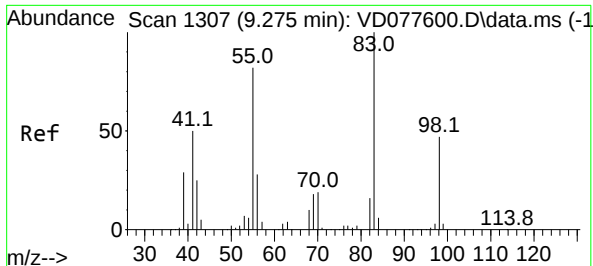
Tgt Ion: 43 Resp: 3405
Ion Ratio Lower Upper
43 100
72 7.4 12.8 38.4#



#34
Trichloroethene
Concen: 1.762 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.259 min
Lab File: VD077606.D
Acq: 17 Nov 2023 11:55

Tgt Ion: 95 Resp: 7991
Ion Ratio Lower Upper
95 100
97 0.0 42.4 78.6#
132 0.0 59.4 110.2#
130 0.0 62.5 116.1#

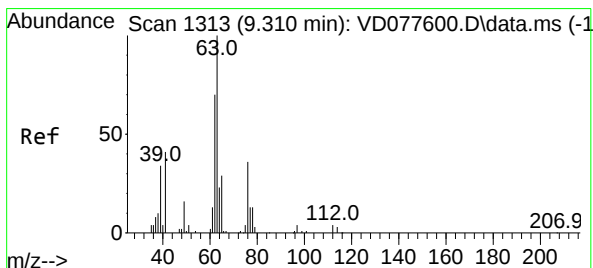
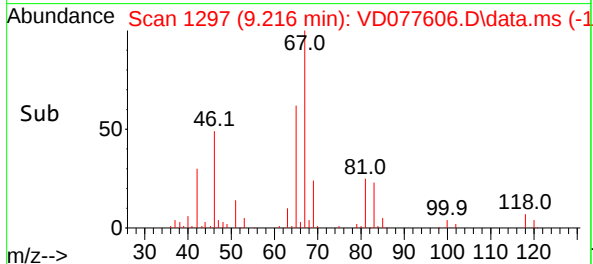
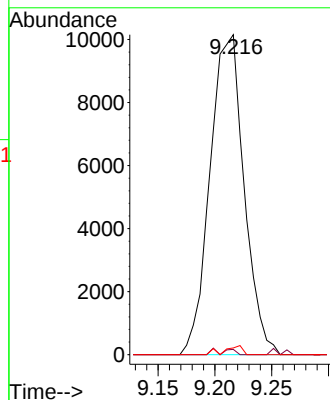
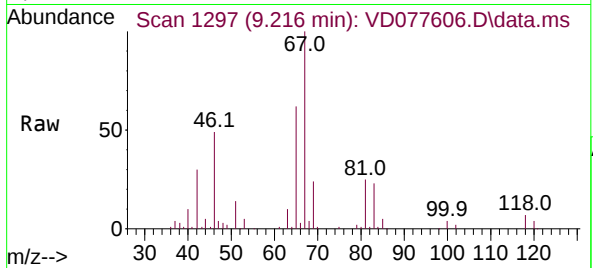




#35
Methylcyclohexane
Concen: 2.590 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.059 min
Lab File: VD077606.D
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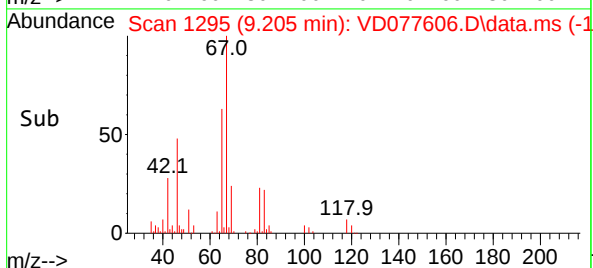
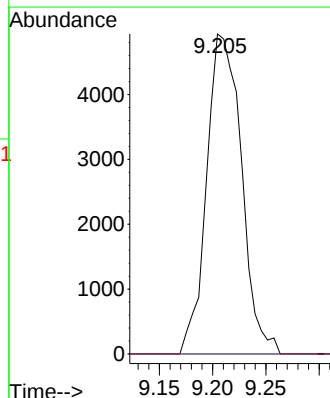
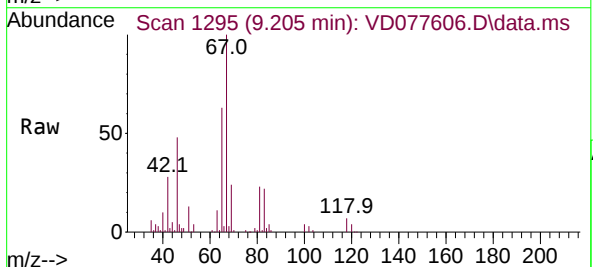
Instrument :
MSVOA_D
ClientSampleId :

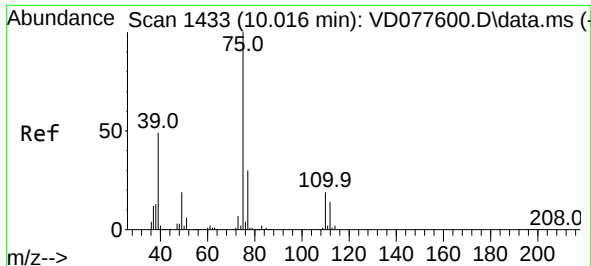
Tgt Ion: 83 Resp: 21198
Ion Ratio Lower Upper
83 100
55 0.5 66.5 99.7#
98 1.1 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 2.203 ug/L
RT: 9.205 min Scan# 1295
Delta R.T. -0.106 min
Lab File: VD077606.D
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Tgt Ion: 63 Resp: 11210
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

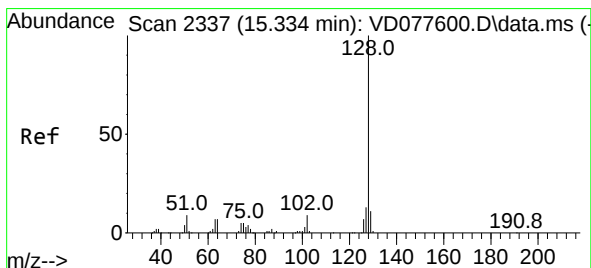
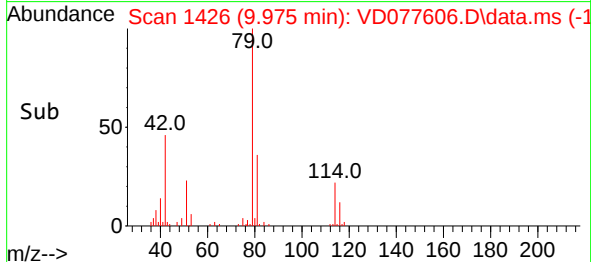
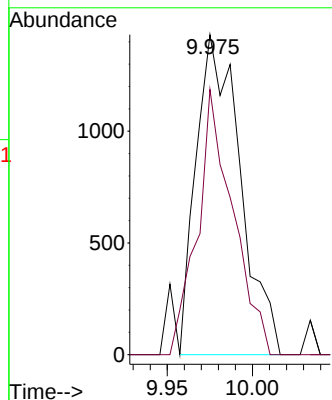
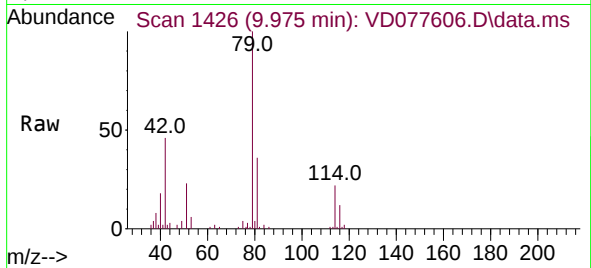




#39
cis-1,3-Dichloropropene
Concen: 0.330 ug/L
RT: 9.975 min Scan# 1433
Delta R.T. -0.041 min
Lab File: VD077606.D
Acq: 17 Nov 2023 11:55

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 2579
Ion Ratio Lower Upper
75 100
77 82.9 22.5 41.9#



#71
Naphthalene
Concen: 0.347 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD077606.D
Acq: 17 Nov 2023 11:55

Tgt Ion: 128 Resp: 2937
Ion Ratio Lower Upper
128 100
127 11.7 10.5 15.7
129 10.0 9.0 13.6

