

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111723\
 Data File : VD077611.D
 Acq On : 17 Nov 2023 14:09
 Operator : JC/SY
 Sample : 05438-05
 Misc : 5.07G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 00:37:44 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)

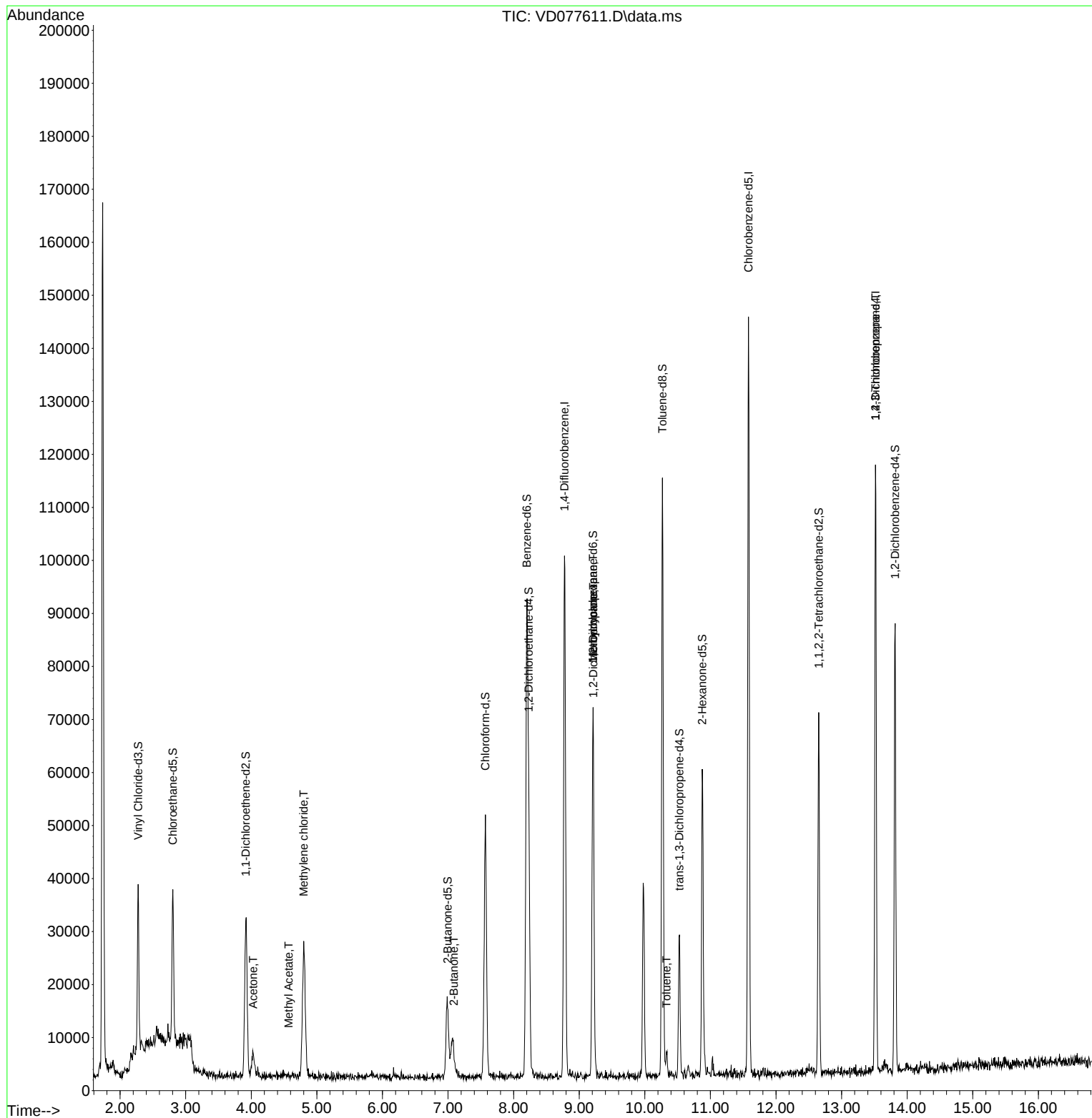
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	82899	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	77486	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	28177	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	28986	13.745	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.000%
7) Chloroethane-d5	2.805	69	28544	17.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.920%
11) 1,1-Dichloroethene-d2	3.917	65	8994	13.793	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.160%
21) 2-Butanone-d5	6.993	46	27129	74.303	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.600%#
24) Chloroform-d	7.569	84	47791	19.957	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.840%
26) 1,2-Dichloroethane-d4	8.228	65	32691	25.664	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.640%
32) Benzene-d6	8.199	84	88697	17.637	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.560%
36) 1,2-Dichloropropane-d6	9.210	67	33512	20.458	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.840%
41) Toluene-d8	10.269	98	74072	16.299	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.200%
43) trans-1,3-Dichloroprop...	10.528	79	14686	20.793	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.160%
47) 2-Hexanone-d5	10.875	63	19121	65.250	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.500%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	33884	31.219	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.880%#
66) 1,2-Dichlorobenzene-d4	13.816	152	21871	21.819	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.280%
Target Compounds					Qvalue	
13) Acetone	4.028	43	6668	17.374	ug/L	74
15) Methyl Acetate	4.570	43	205	0.325	ug/L #	56
16) Methylene chloride	4.799	84	16803	12.005	ug/L	94
22) 2-Butanone	7.087	43	1849	4.004	ug/L	85
35) Methylcyclohexane	9.210	83	7948	3.308	ug/L #	16
37) 1,2-Dichloropropane	9.216	63	3768	2.522	ug/L #	88
42) Toluene	10.328	91	2027	0.359	ug/L	77
61) 1,2,3-Trichloropropane	13.516	75	4389	7.313	ug/L #	66

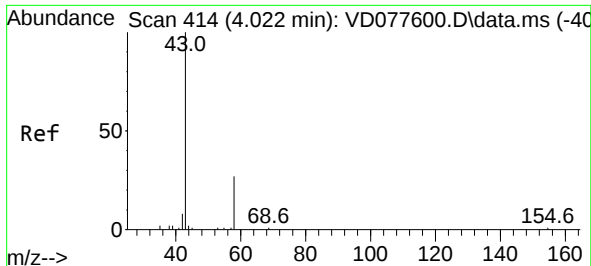
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 17.374 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD077611.D

Acq: 17 Nov 2023 14:09

Instrument :

MSVOA_D

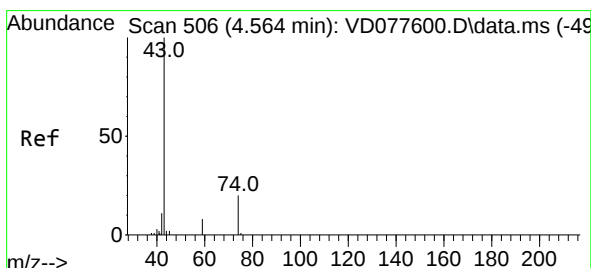
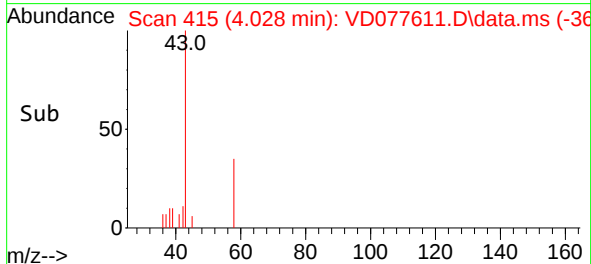
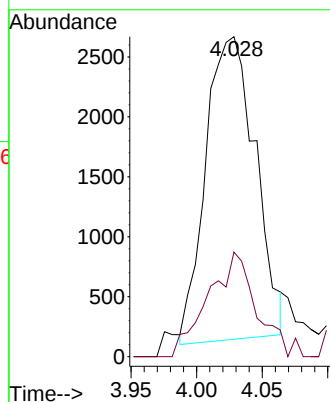
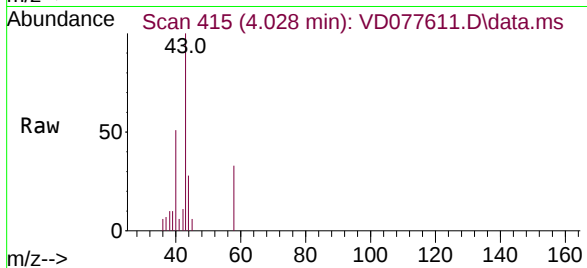
ClientSampleId :

Tgt Ion: 43 Resp: 6668

Ion Ratio Lower Upper

43 100

58 17.6 0.0 64.0



#15

Methyl Acetate

Concen: 0.325 ug/L

RT: 4.570 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD077611.D

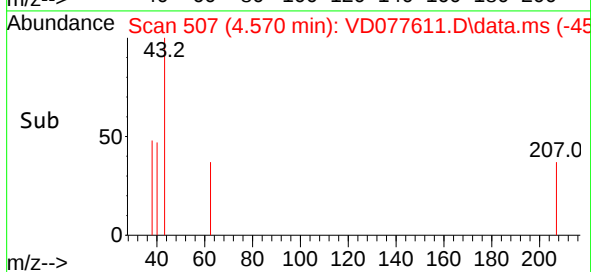
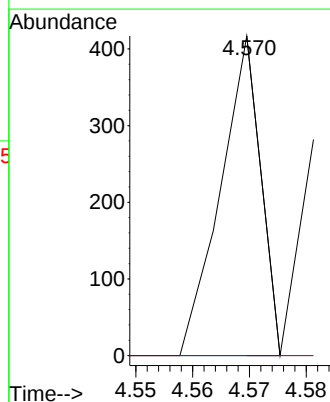
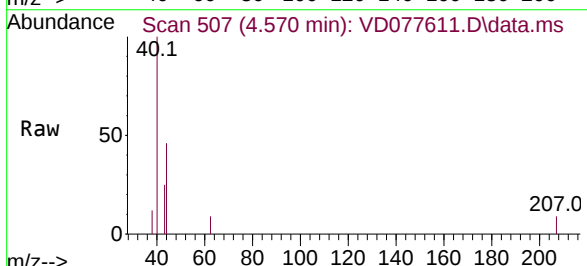
Acq: 17 Nov 2023 14:09

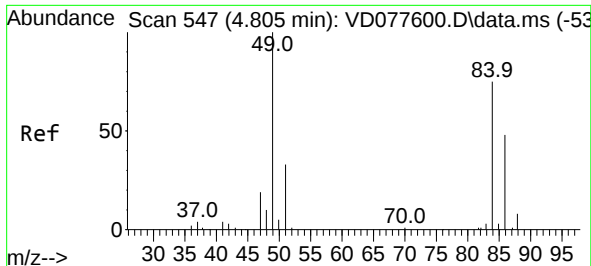
Tgt Ion: 43 Resp: 205

Ion Ratio Lower Upper

43 100

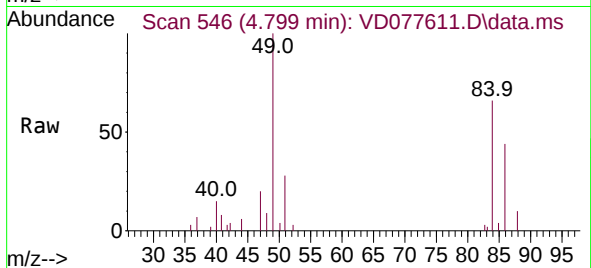
74 0.0 16.6 24.8#



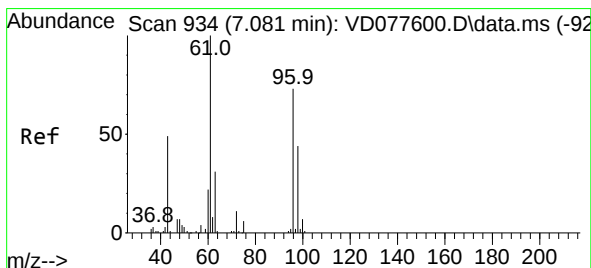
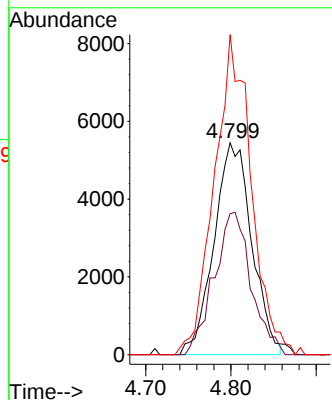
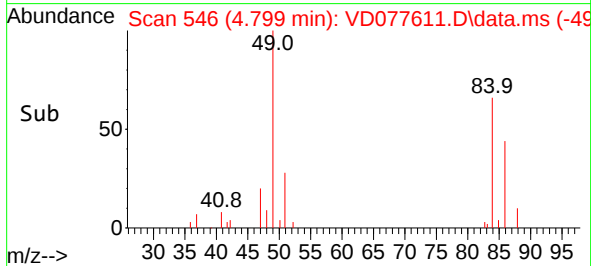


#16
Methylene chloride
Concen: 12.005 ug/L
RT: 4.799 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD077611.D
Acq: 17 Nov 2023 14:09

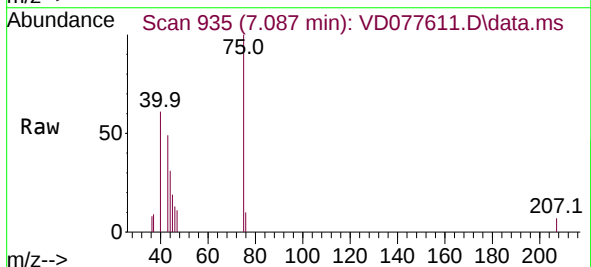
Instrument :
MSVOA_D
ClientSampleId :



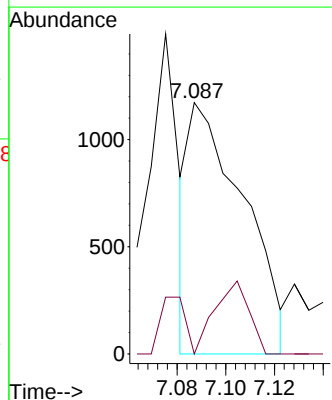
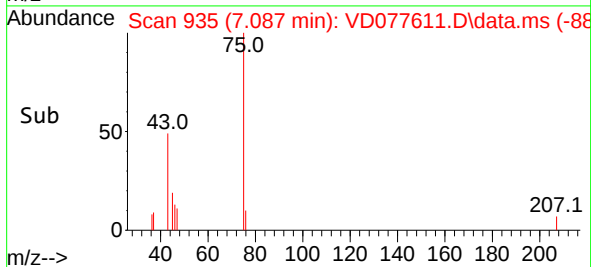
Tgt Ion: 84 Resp: 16803
Ion Ratio Lower Upper
84 100
86 66.5 46.5 86.5
49 151.0 98.3 182.7

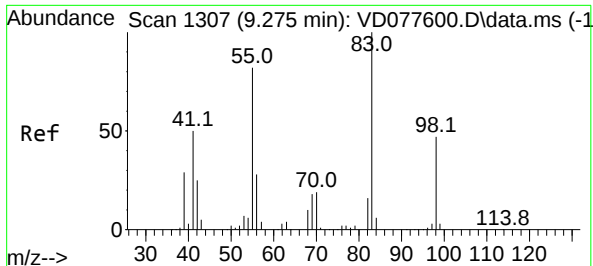


#22
2-Butanone
Concen: 4.004 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD077611.D
Acq: 17 Nov 2023 14:09



Tgt Ion: 43 Resp: 1849
Ion Ratio Lower Upper
43 100
72 18.0 12.8 38.4

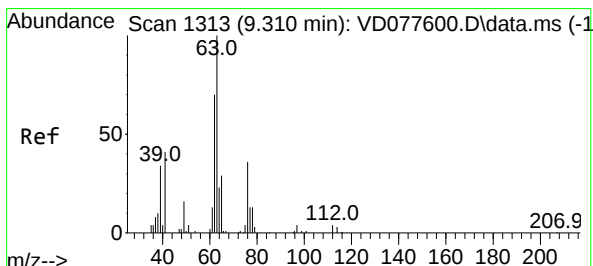
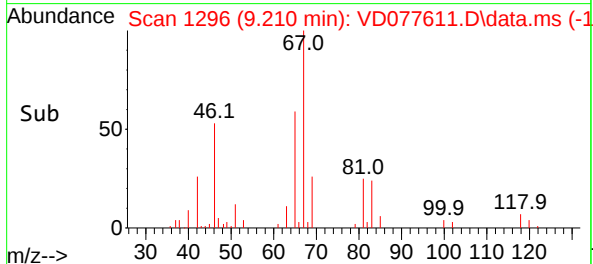
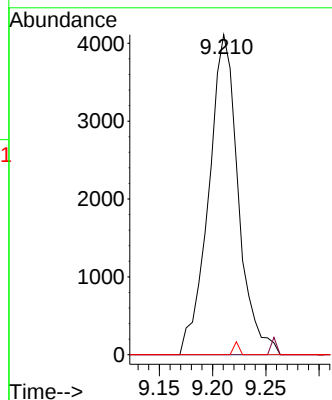
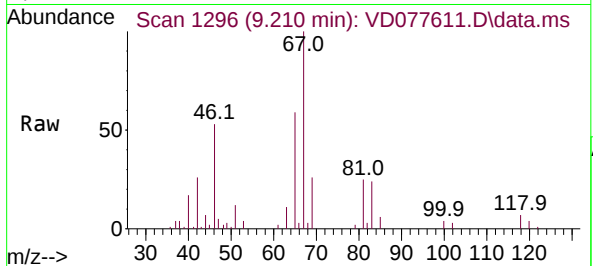




#35
Methylcyclohexane
Concen: 3.308 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD077611.D
Acq: 17 Nov 2023 14:09

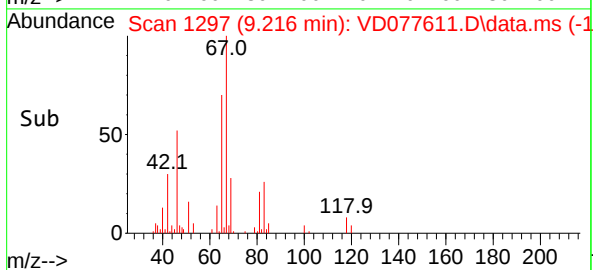
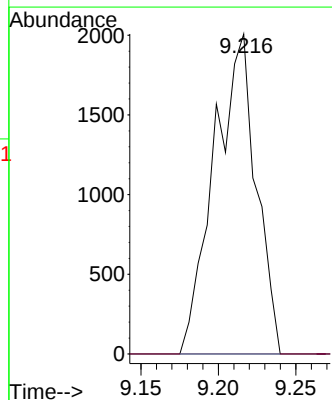
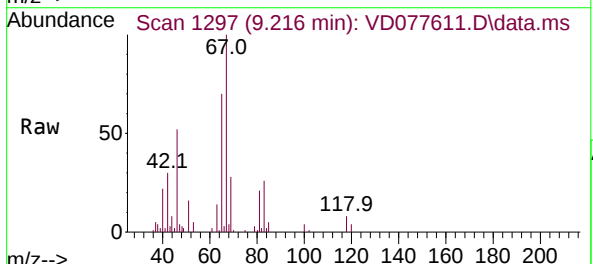
Instrument :
MSVOA_D
ClientSampleId :

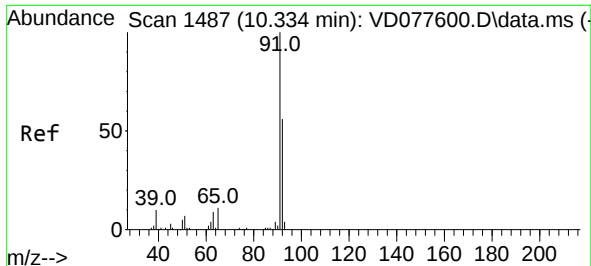
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.5	99.7#
98	0.0	37.4	56.2#



#37
1,2-Dichloropropane
Concen: 2.522 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.094 min
Lab File: VD077611.D
Acq: 17 Nov 2023 14:09

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

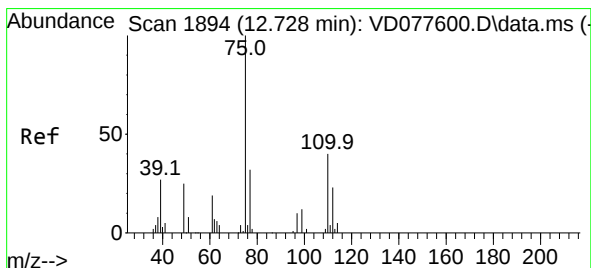
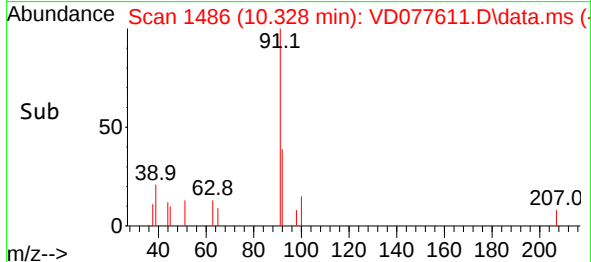
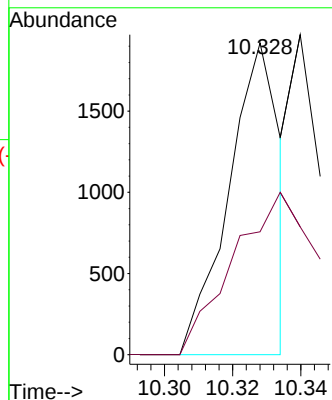
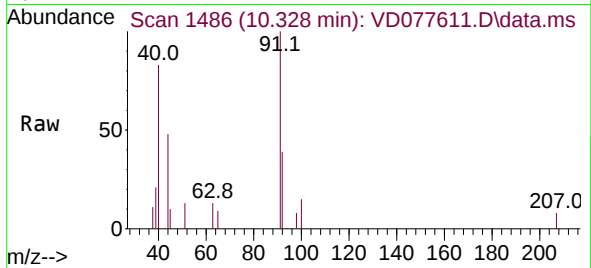




#42
Toluene
Concen: 0.359 ug/L
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD077611.D
Acq: 17 Nov 2023 14:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 2027
Ion Ratio Lower Upper
91 100
92 39.4 39.3 73.1



#61
1,2,3-Trichloropropane
Concen: 7.313 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD077611.D
Acq: 17 Nov 2023 14:09

Tgt Ion: 75 Resp: 4389
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
110 0.0 29.6 44.4#

