

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111723\
 Data File : VD077608.D
 Acq On : 17 Nov 2023 12:48
 Operator : JC/SY
 Sample : 05438-02
 Misc : 5.05G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 18 00:36:13 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

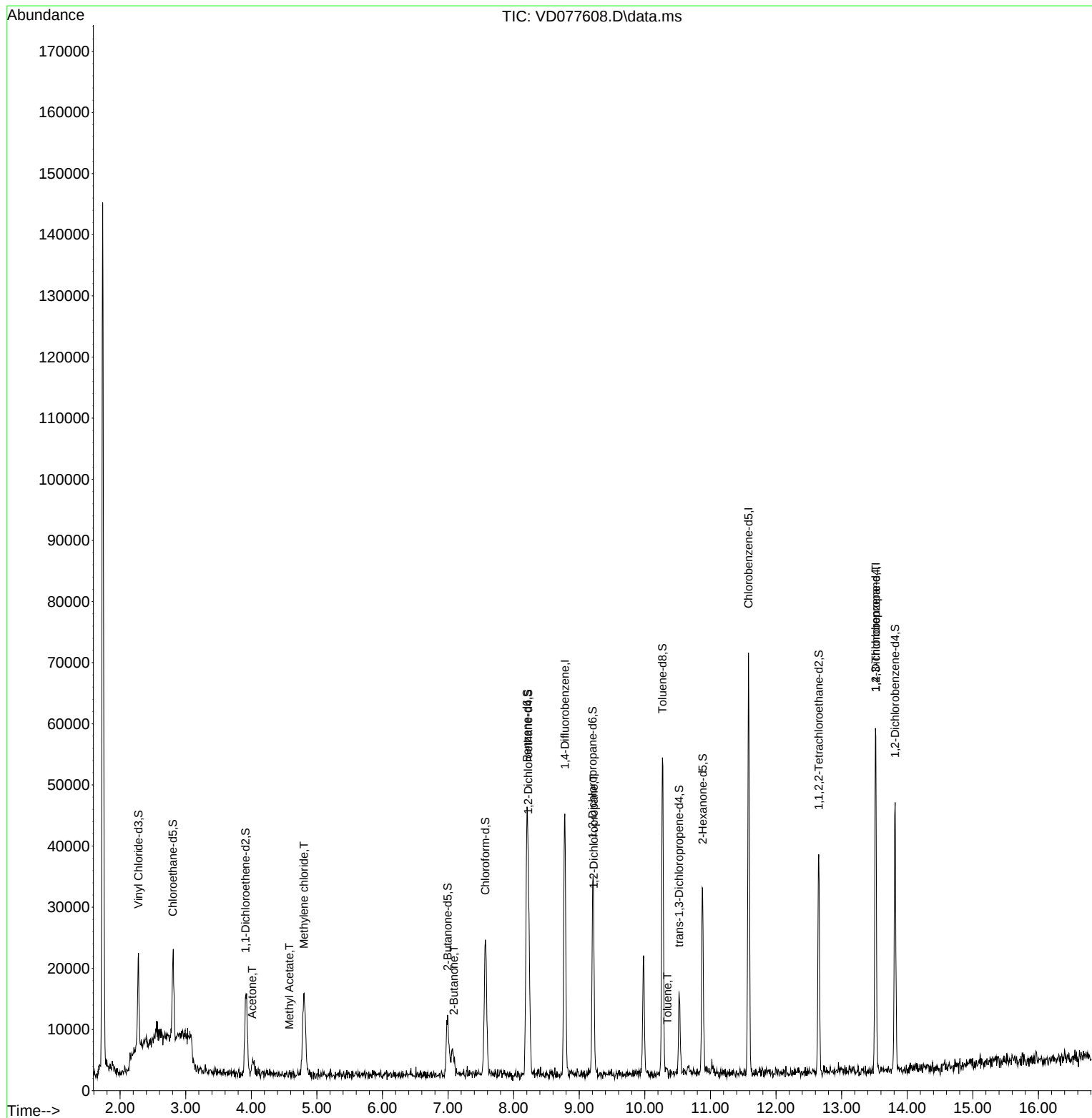
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	36787	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	35264	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	14525	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	13488	14.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.640%
7) Chloroethane-d5	2.805	69	13525	18.398	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	3.910	65	1754	6.061	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	24.240%#
21) 2-Butanone-d5	6.993	46	16223	100.129	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	200.260%#
24) Chloroform-d	7.569	84	23294	21.920	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.680%
26) 1,2-Dichloroethane-d4	8.222	65	7755	13.719	ug/L	-0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	54.880%#
32) Benzene-d6	8.204	84	42388	18.520	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.080%
36) 1,2-Dichloropropane-d6	9.204	67	16631	22.308	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.240%
41) Toluene-d8	10.269	98	35295	17.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.280%
43) trans-1,3-Dichloroprop...	10.522	79	8017	24.941	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.760%
47) 2-Hexanone-d5	10.881	63	10783	80.853	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.700%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	19327	39.128	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	156.520%#
66) 1,2-Dichlorobenzene-d4	13.816	152	10830	20.959	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.840%
Target Compounds						
13) Acetone	4.016	43	1363	8.003	ug/L	94
15) Methyl Acetate	4.581	43	213	0.760	ug/L #	56
16) Methylene chloride	4.804	84	9480	15.263	ug/L	94
22) 2-Butanone	7.087	43	887	4.329	ug/L #	49
37) 1,2-Dichloropropane	9.222	63	507	0.746	ug/L #	88
42) Toluene	10.345	91	954	0.372	ug/L #	23
61) 1,2,3-Trichloropropane	13.522	75	2022	6.535	ug/L #	64

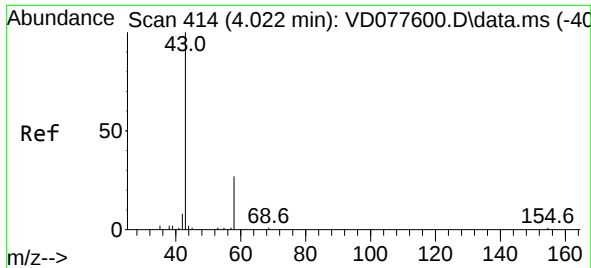
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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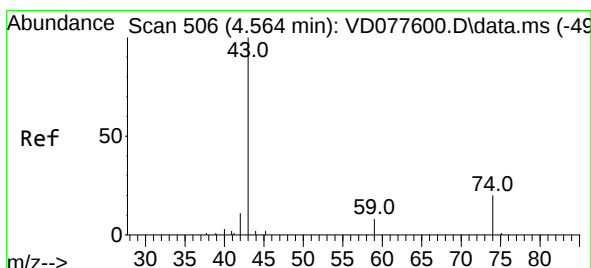
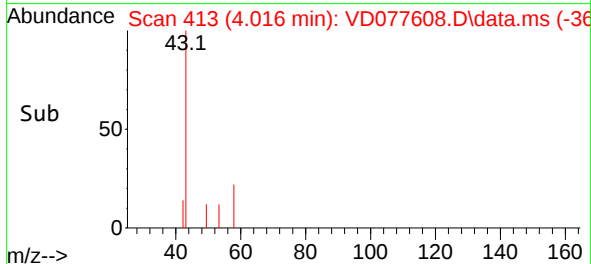
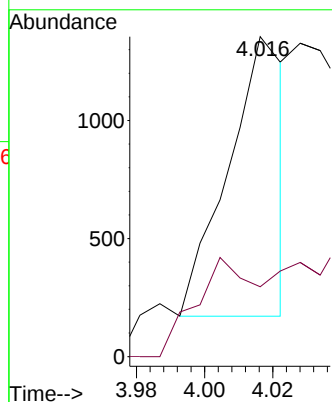
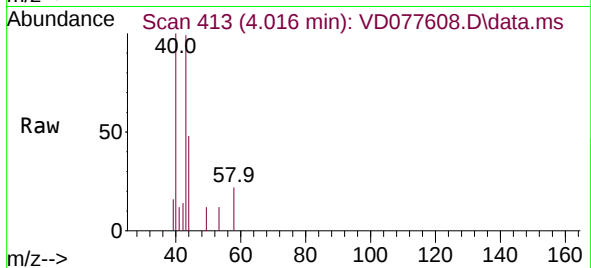




#13
Acetone
Concen: 8.003 ug/L
RT: 4.016 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD077608.D
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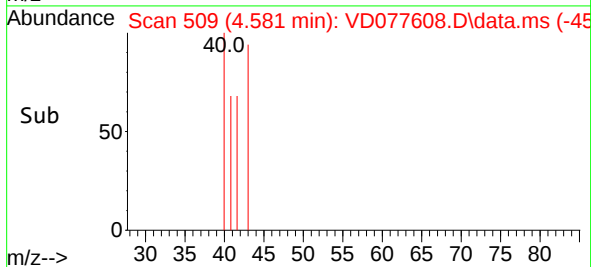
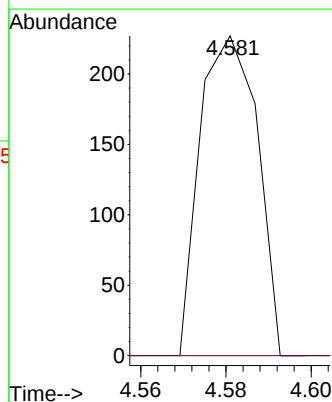
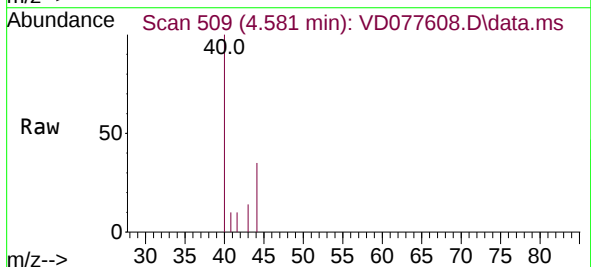
Instrument :
MSVOA_D
ClientSampleId :

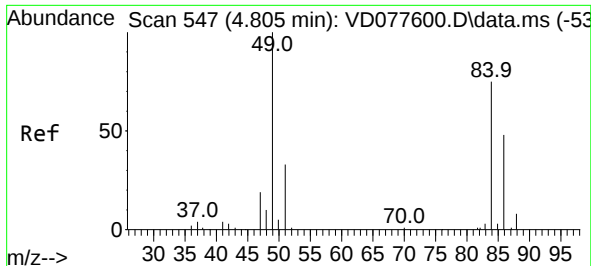
Tgt Ion: 43 Resp: 1363
Ion Ratio Lower Upper
43 100
58 28.6 0.0 64.0



#15
Methyl Acetate
Concen: 0.760 ug/L
RT: 4.581 min Scan# 509
Delta R.T. 0.017 min
Lab File: VD077608.D
Acq: 17 Nov 2023 12:48

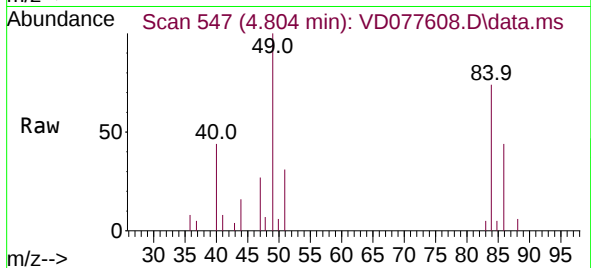
Tgt Ion: 43 Resp: 213
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



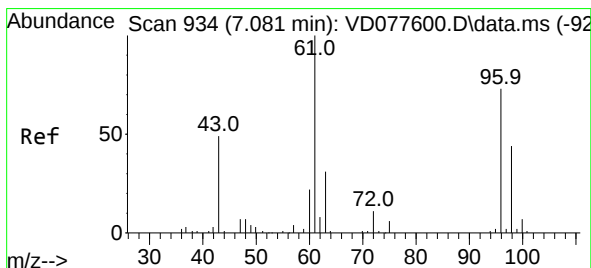
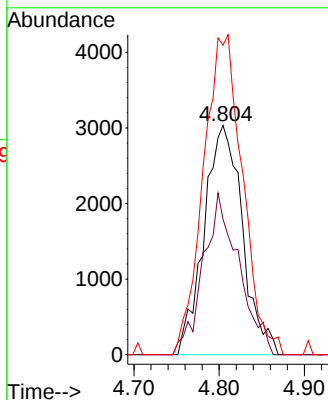
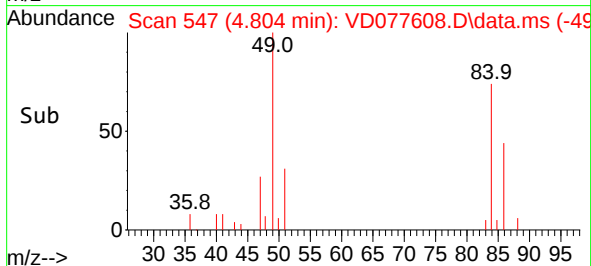


#16
Methylene chloride
Concen: 15.263 ug/L
RT: 4.804 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD077608.D
Acq: 17 Nov 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :

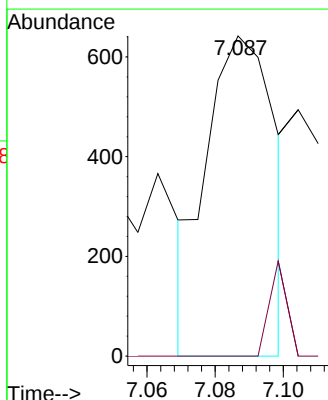
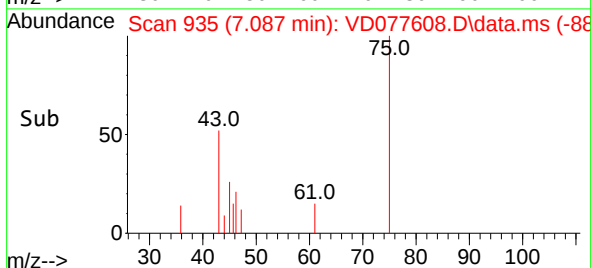
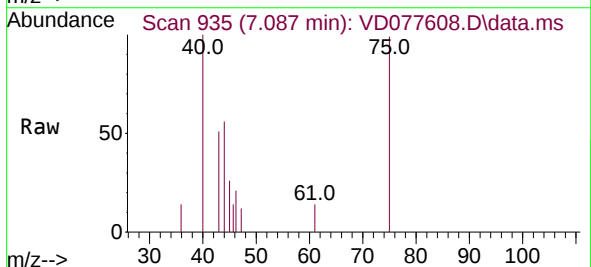


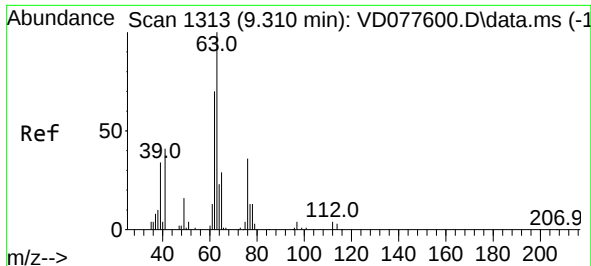
Tgt Ion:	84	Resp:	9480
Ion	Ratio	Lower	Upper
84	100		
86	59.1	46.5	86.5
49	135.0	98.3	182.7



#22
2-Butanone
Concen: 4.329 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD077608.D
Acq: 17 Nov 2023 12:48

Tgt Ion:	43	Resp:	887
Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.8	38.4#

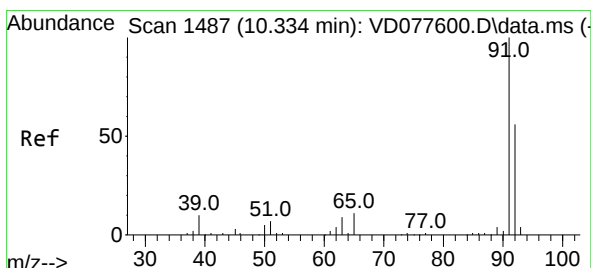
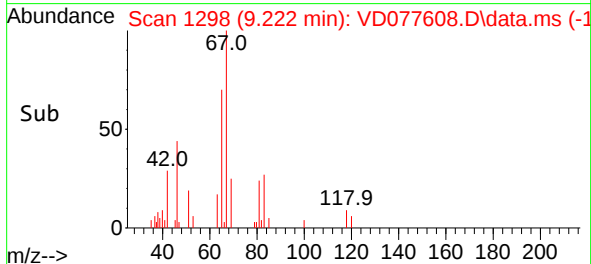
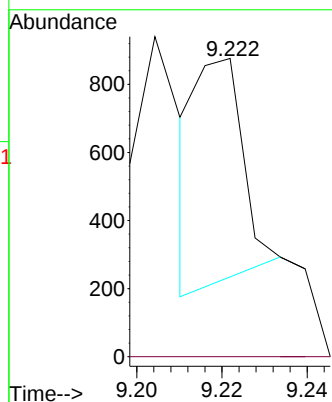
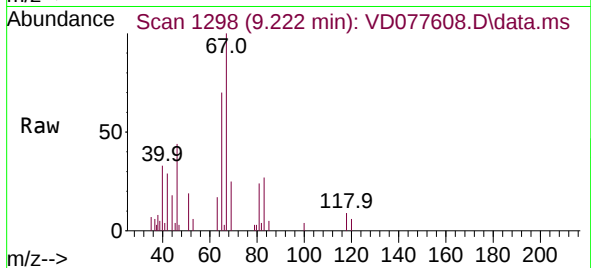




#37
1,2-Dichloropropane
Concen: 0.746 ug/L
RT: 9.222 min Scan# 11
Delta R.T. -0.088 min
Lab File: VD077608.D
Acq: 17 Nov 2023 12:48

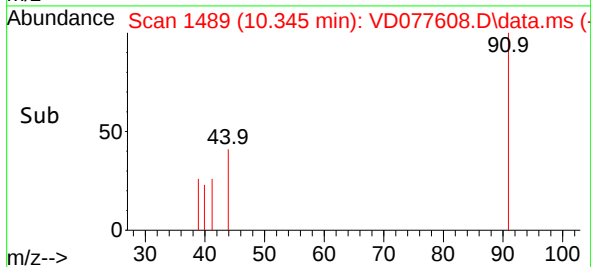
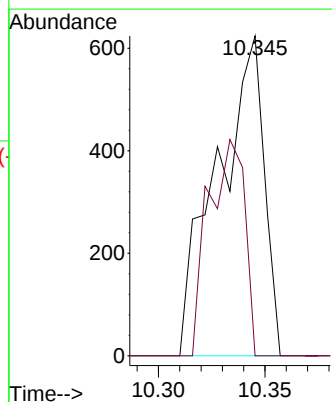
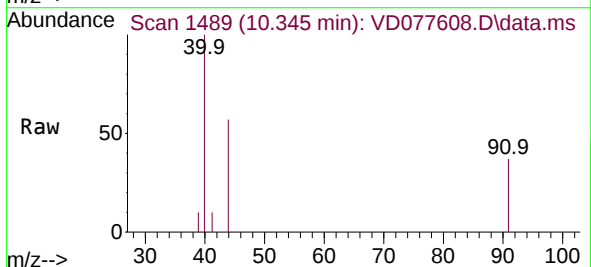
Instrument :
MSVOA_D
ClientSampleId :

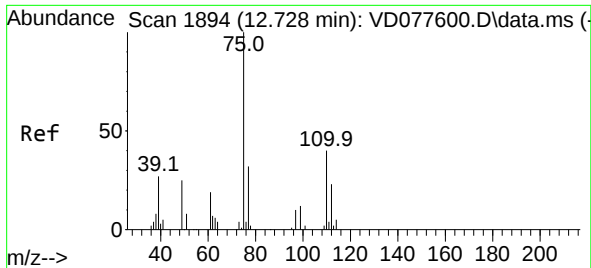
Tgt Ion: 63 Resp: 507
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#42
Toluene
Concen: 0.372 ug/L
RT: 10.345 min Scan# 1489
Delta R.T. 0.012 min
Lab File: VD077608.D
Acq: 17 Nov 2023 12:48

Tgt Ion: 91 Resp: 954
Ion Ratio Lower Upper
91 100
92 0.0 39.3 73.1#





#61

1,2,3-Trichloropropane

Concen: 6.535 ug/L

RT: 13.522 min Scan# 20

Delta R.T. 0.794 min

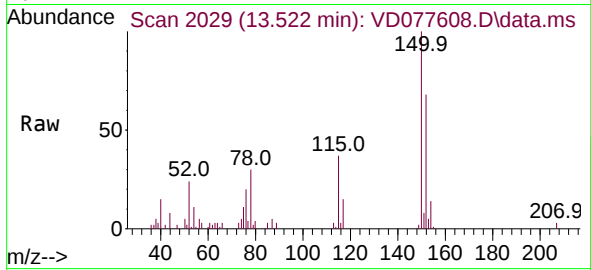
Lab File: VD077608.D

Acq: 17 Nov 2023 12:48

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 2022

Ion Ratio Lower Upper

75 100

77 34.9 25.6 38.4

110 0.0 29.6 44.4#

