

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
 Data File : VD077028.D
 Acq On : 25 Aug 2023 21:05
 Operator : JC/SY
 Sample : 04172-15
 Misc : 3.10G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 25 23:57:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 23:54:22 2023
 Response via : Initial Calibration

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

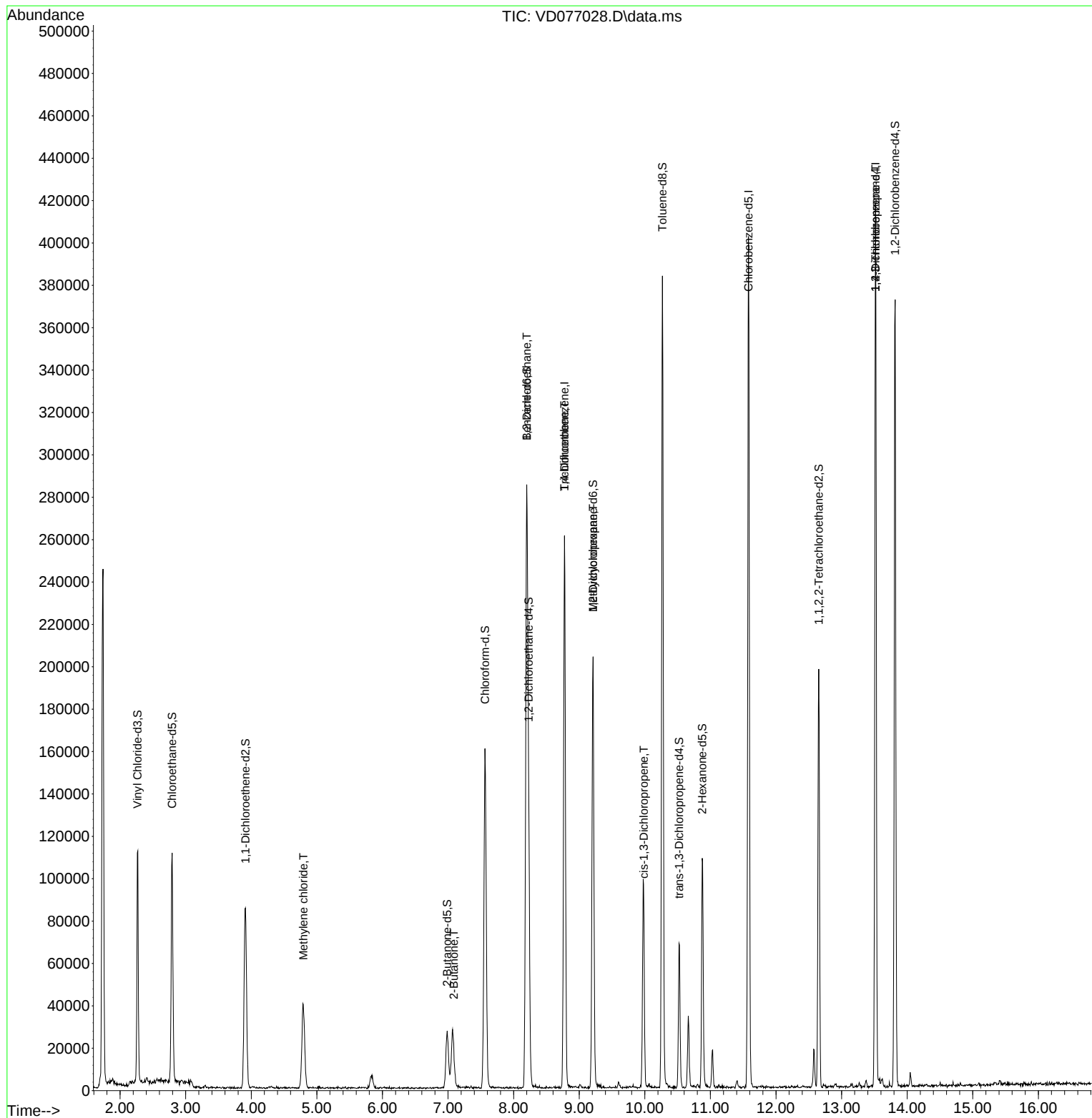
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	239232	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	248101	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	116295	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	101518	15.431	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.720%
7) Chloroethane-d5	2.793	69	109163	17.948	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.800%
11) 1,1-Dichloroethene-d2	3.911	65	24162	15.500	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.000%
21) 2-Butanone-d5	6.987	46	46125	43.668	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.340%
24) Chloroform-d	7.563	84	165347	21.225	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.920%
26) 1,2-Dichloroethane-d4	8.228	65	87227	22.462	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.840%
32) Benzene-d6	8.199	84	308673	19.788	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.160%
36) 1,2-Dichloropropane-d6	9.210	67	103649	21.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.440%
41) Toluene-d8	10.269	98	268754	18.792	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.160%
43) trans-1,3-Dichloroprop...	10.522	79	40060	18.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.920%
47) 2-Hexanone-d5	10.875	63	36679	40.037	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.080%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	102418	22.100	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	105980	24.927	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.720%
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	33244	6.625	ug/L #	69
22) 2-Butanone	7.087	43	1623	1.074	ug/L	75
27) 1,2-Dichloroethane	8.199	62	1787	0.391	ug/L #	71
34) Trichloroethene	8.775	95	6393	1.510	ug/L #	4
35) Methylcyclohexane	9.210	83	23779	3.443	ug/L #	20
39) cis-1,3-Dichloropropene	9.987	75	2548	0.382	ug/L	97
61) 1,2,3-Trichloropropane	13.516	75	13592	5.008	ug/L #	64

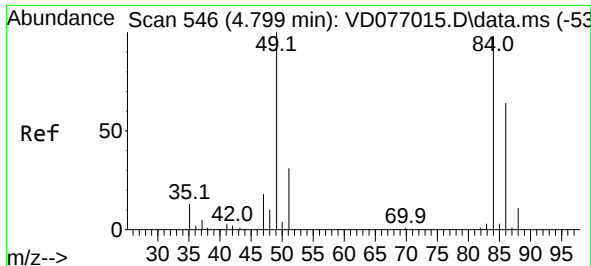
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Aug 25 23:57:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 25 23:54:22 2023
Response via : Initial Calibration

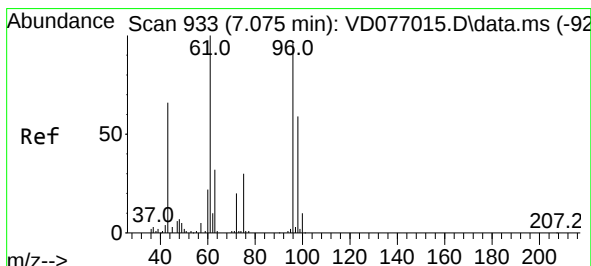
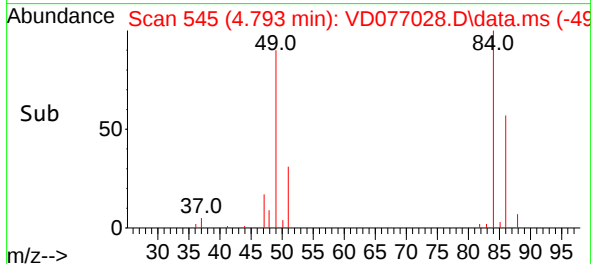
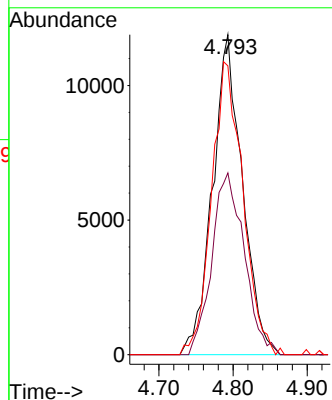
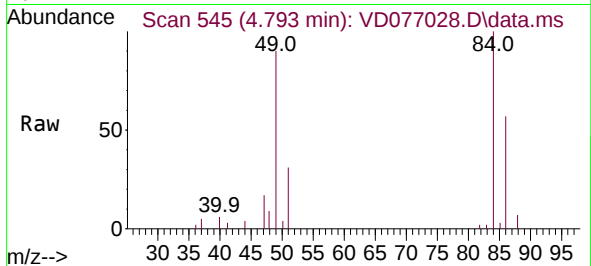




#16
Methylene chloride
Concen: 6.625 ug/L
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077028.D
Acq: 25 Aug 2023 21:05

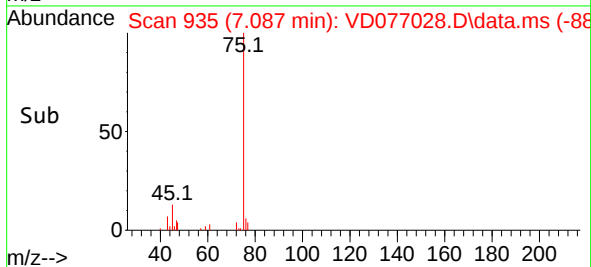
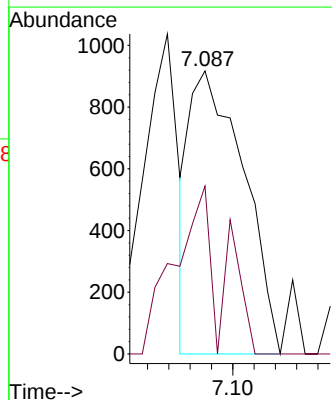
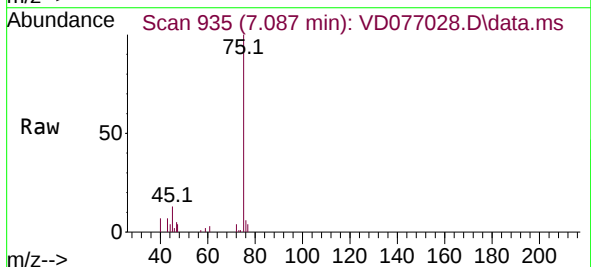
Instrument :
MSVOA_D
ClientSampleId :

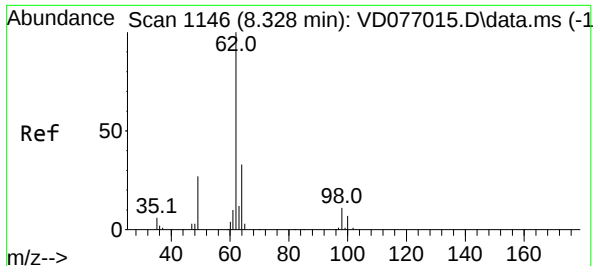
Tgt Ion: 84 Resp: 33244
Ion Ratio Lower Upper
84 100
86 56.8 45.1 83.9
49 90.2 97.2 180.6#



#22
2-Butanone
Concen: 1.074 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.012 min
Lab File: VD077028.D
Acq: 25 Aug 2023 21:05

Tgt Ion: 43 Resp: 1623
Ion Ratio Lower Upper
43 100
72 38.3 12.9 38.7





#27

1,2-Dichloroethane

Concen: 0.391 ug/L

RT: 8.199 min Scan# 1146

Delta R.T. -0.129 min

Lab File: VD077028.D

Acq: 25 Aug 2023 21:05

Instrument :

MSVOA_D

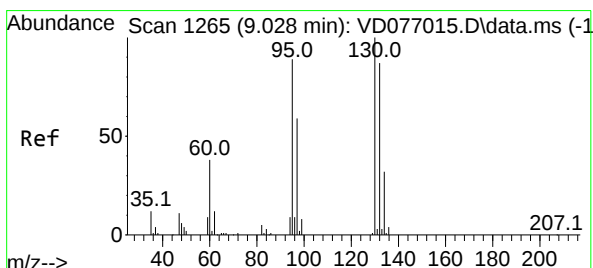
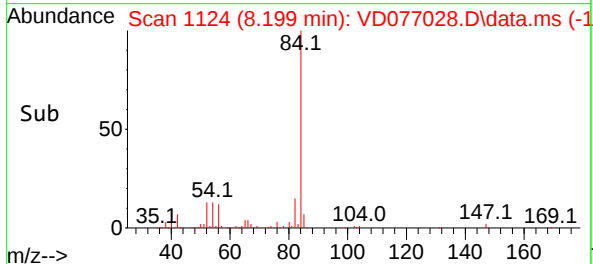
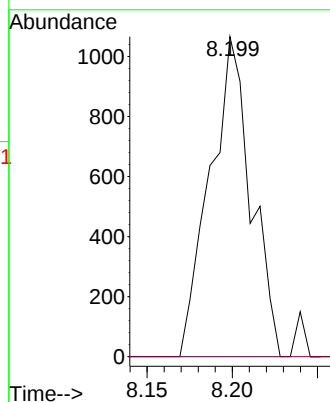
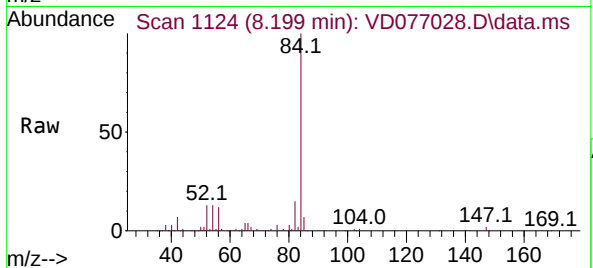
ClientSampleId :

Tgt Ion: 62 Resp: 1787

Ion Ratio Lower Upper

62 100

98 0.0 8.7 13.1#



#34

Trichloroethene

Concen: 1.510 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD077028.D

Acq: 25 Aug 2023 21:05

Tgt Ion: 95 Resp: 6393

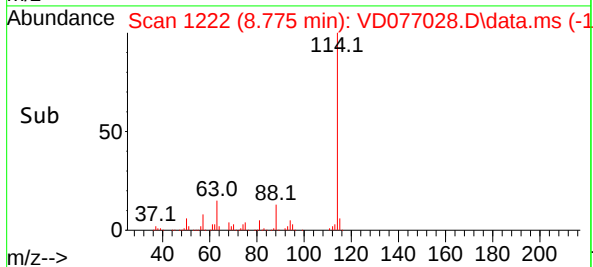
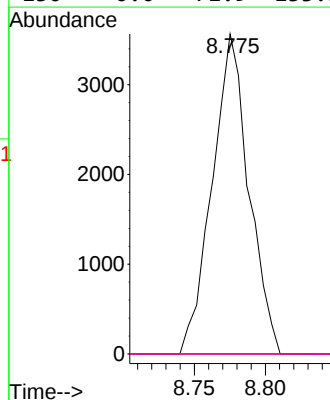
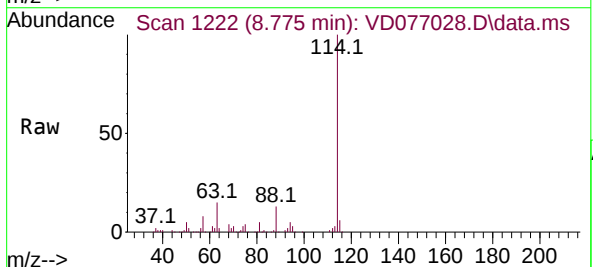
Ion Ratio Lower Upper

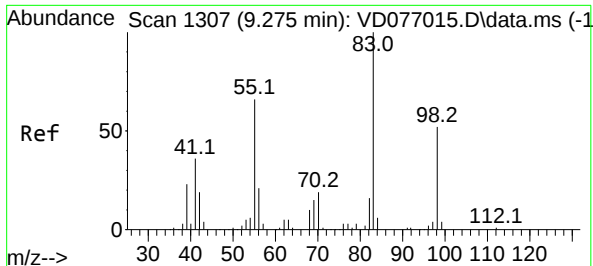
95 100

97 0.0 43.1 80.1#

132 0.0 71.8 133.4#

130 0.0 71.9 133.5#





#35

Methylcyclohexane

Concen: 3.443 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.065 min

Lab File: VD077028.D

Acq: 25 Aug 2023 21:05

Instrument :

MSVOA_D

ClientSampleId :

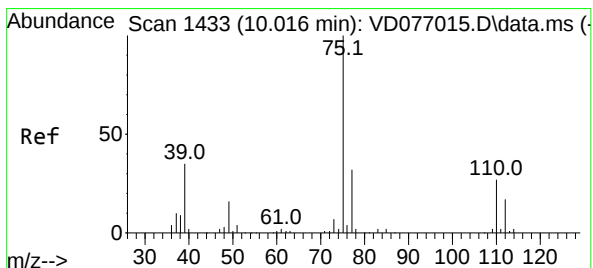
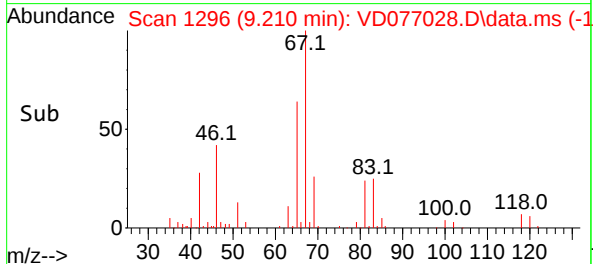
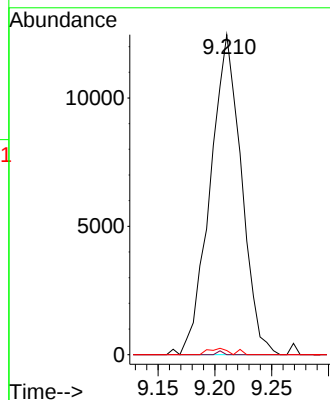
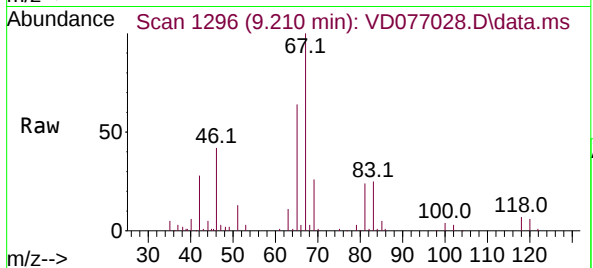
Tgt Ion: 83 Resp: 23779

Ion Ratio Lower Upper

83 100

55 0.0 59.8 89.6#

98 1.1 37.8 56.6#



#39

cis-1,3-Dichloropropene

Concen: 0.382 ug/L

RT: 9.987 min Scan# 1428

Delta R.T. -0.029 min

Lab File: VD077028.D

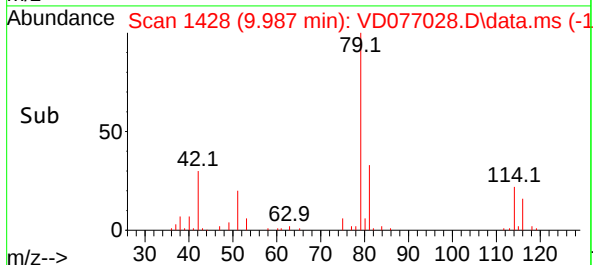
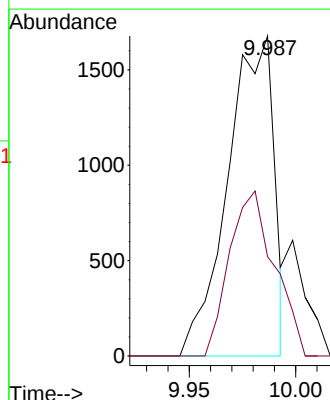
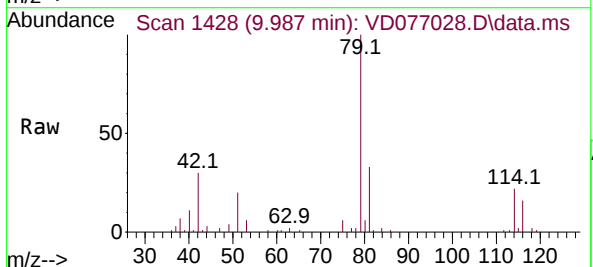
Acq: 25 Aug 2023 21:05

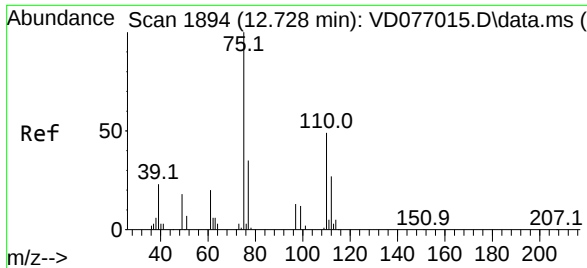
Tgt Ion: 75 Resp: 2548

Ion Ratio Lower Upper

75 100

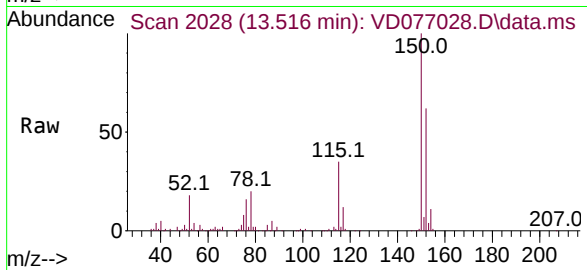
77 31.0 22.7 42.3





#61
 1,2,3-Trichloropropane
 Concen: 5.008 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD077028.D
 Acq: 25 Aug 2023 21:05

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	13592
Ion	Ratio	Lower	Upper
75	100		
77	30.7	27.2	40.8
110	1.8	31.8	47.6#

