

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
 Data File : VD077024.D
 Acq On : 25 Aug 2023 19:13
 Operator : JC/SY
 Sample : 04172-09
 Misc : 5.96G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 25 23:56:57 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)

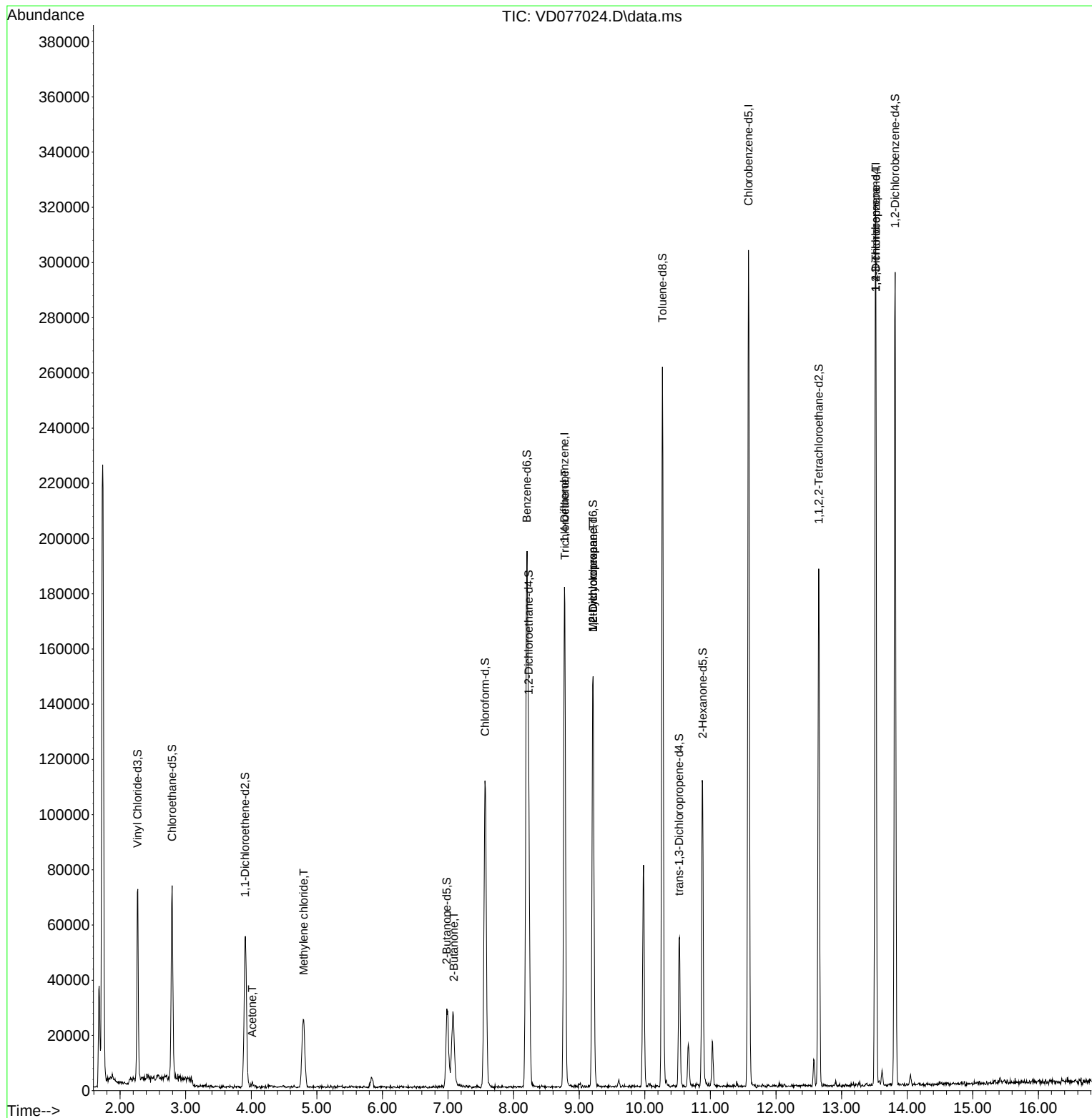
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	170082	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	187382	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	89732	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.264	65	62580	13.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.520%
7) Chloroethane-d5	2.793	69	69966	16.181	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.720%
11) 1,1-Dichloroethene-d2	3.905	65	14907	13.450	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.800%
21) 2-Butanone-d5	6.981	46	48134	64.097	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.200%
24) Chloroform-d	7.563	84	119489	21.575	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.280%
26) 1,2-Dichloroethane-d4	8.228	65	70797	25.643	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.560%
32) Benzene-d6	8.199	84	211530	17.955	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.800%
36) 1,2-Dichloropropane-d6	9.210	67	75398	20.815	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.280%
41) Toluene-d8	10.269	98	182212	16.869	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.480%
43) trans-1,3-Dichloroprop...	10.522	79	33270	20.316	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.280%
47) 2-Hexanone-d5	10.881	63	39966	57.761	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.520%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	95007	27.144	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.560%
66) 1,2-Dichlorobenzene-d4	13.816	152	81700	24.904	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
13) Acetone	4.016	43	1442	1.878	ug/L	91
16) Methylene chloride	4.799	84	10108	2.833	ug/L #	74
22) 2-Butanone	7.087	43	9339	8.692	ug/L	86
34) Trichloroethene	8.781	95	4575	1.430	ug/L #	4
35) Methylcyclohexane	9.210	83	18127	3.475	ug/L #	19
37) 1,2-Dichloropropane	9.210	63	7792	2.497	ug/L #	88
61) 1,2,3-Trichloropropane	13.522	75	10623	5.072	ug/L #	65

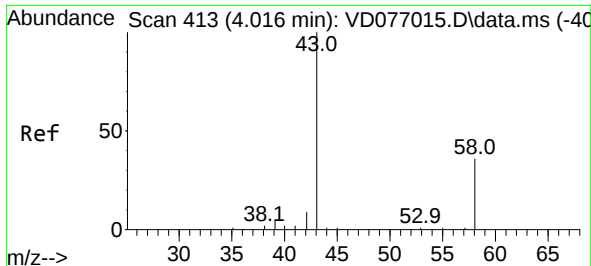
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Aug 25 23:54:22 2023
Response via : Initial Calibration





#13

Acetone

Concen: 1.878 ug/L

RT: 4.016 min Scan# 413

Delta R.T. 0.000 min

Lab File: VD077024.D

Acq: 25 Aug 2023 19:13

Instrument :

MSVOA_D

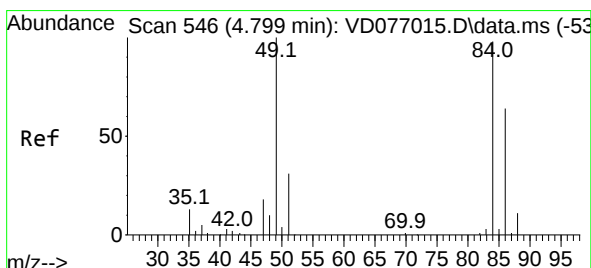
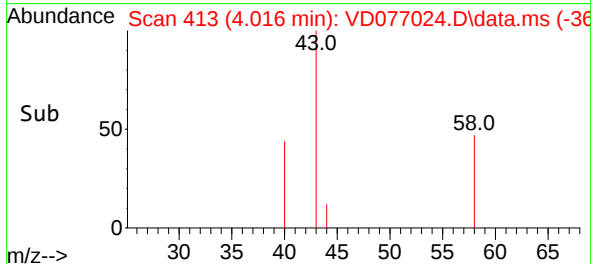
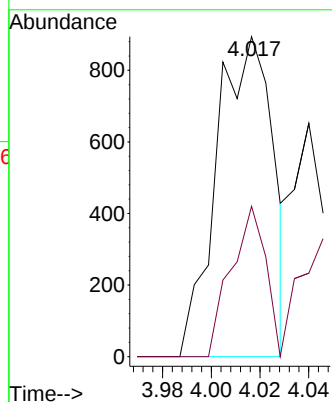
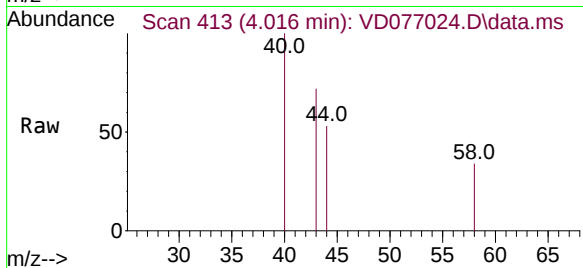
ClientSampleId :

Tgt Ion: 43 Resp: 1442

Ion Ratio Lower Upper

43 100

58 28.8 0.0 67.4



#16

Methylene chloride

Concen: 2.833 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

Lab File: VD077024.D

Acq: 25 Aug 2023 19:13

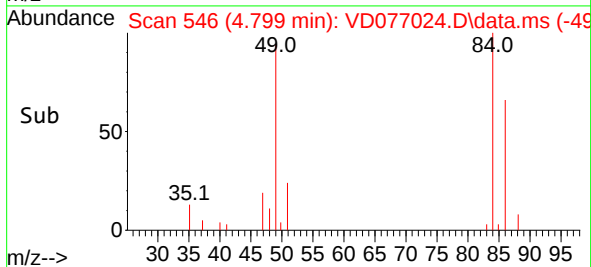
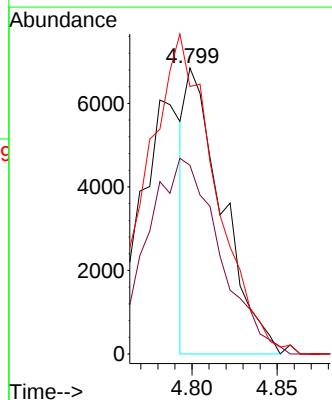
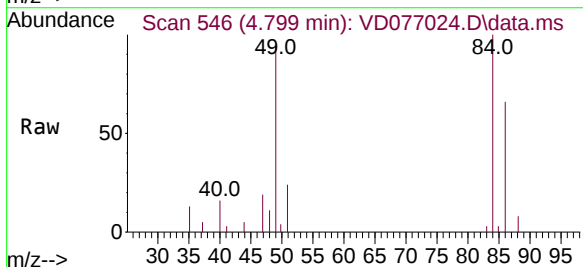
Tgt Ion: 84 Resp: 10108

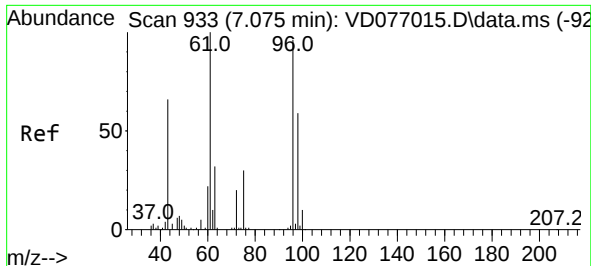
Ion Ratio Lower Upper

84 100

86 66.0 45.1 83.9

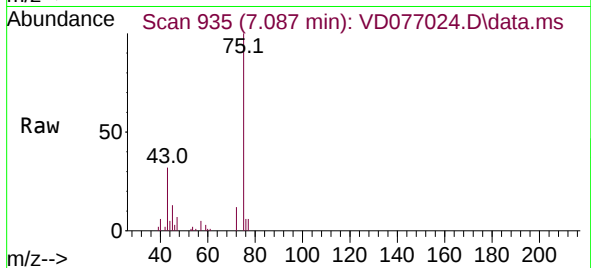
49 93.6 97.2 180.6#



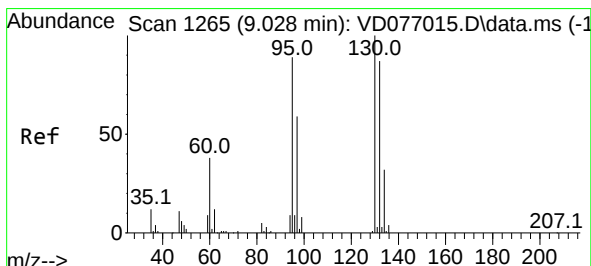
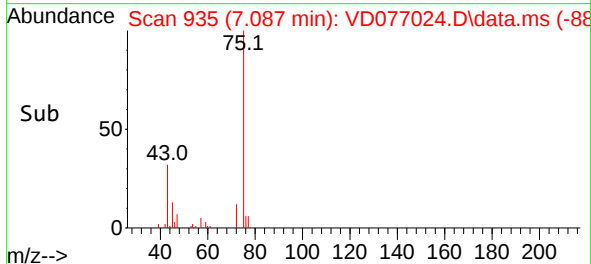
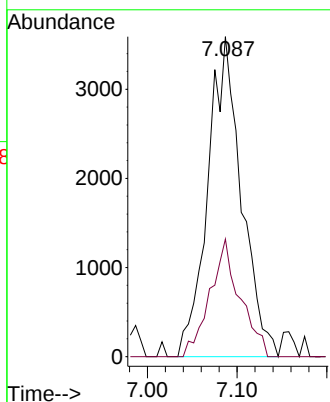


#22
2-Butanone
Concen: 8.692 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD077024.D
Acq: 25 Aug 2023 19:13

Instrument :
MSVOA_D
ClientSampleId :

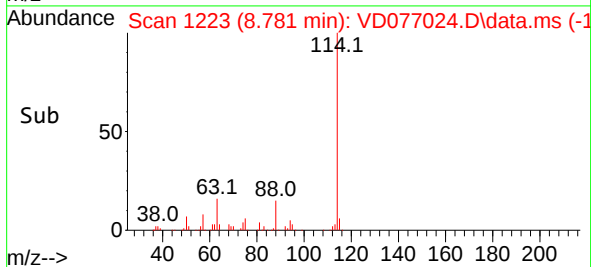
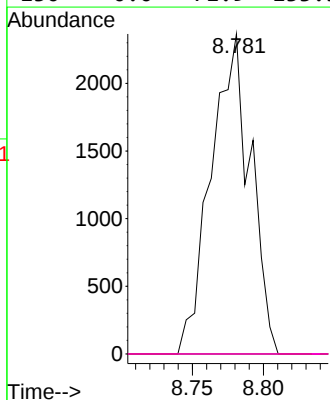
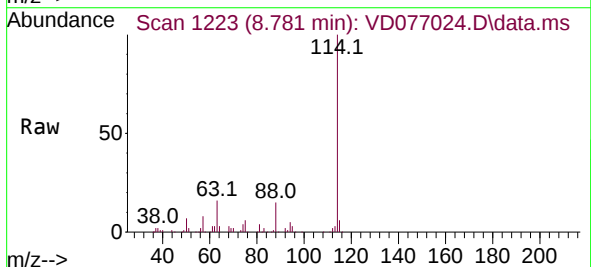


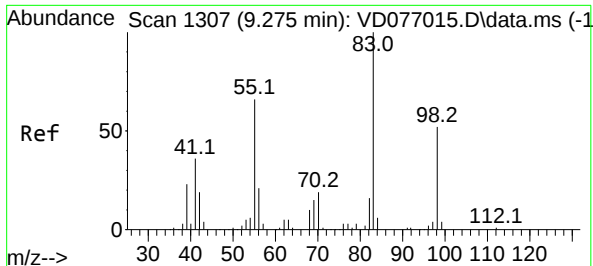
Tgt Ion: 43 Resp: 9339
Ion Ratio Lower Upper
43 100
72 32.9 12.9 38.7



#34
Trichloroethene
Concen: 1.430 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD077024.D
Acq: 25 Aug 2023 19:13

Tgt Ion: 95 Resp: 4575
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#

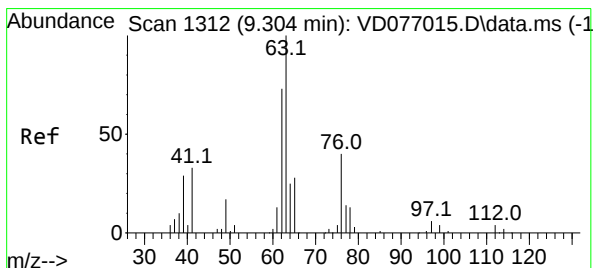
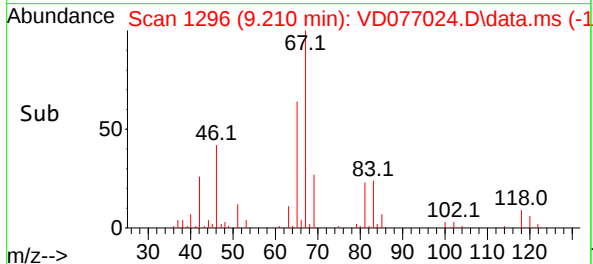
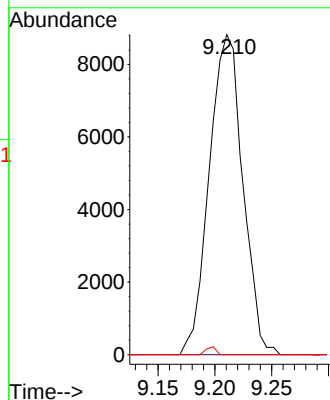
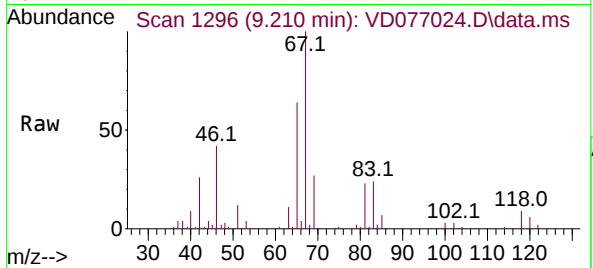




#35
Methylcyclohexane
Concen: 3.475 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD077024.D
Acq: 25 Aug 2023 19:13

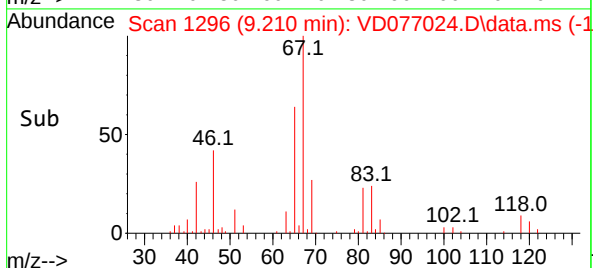
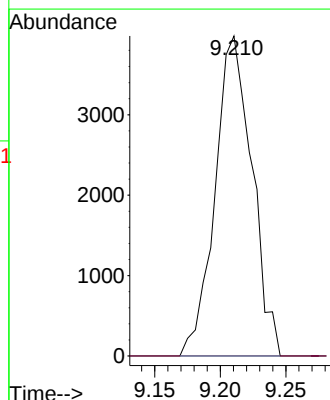
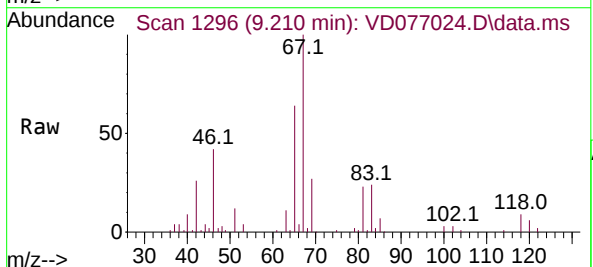
Instrument :
MSVOA_D
ClientSampleId :

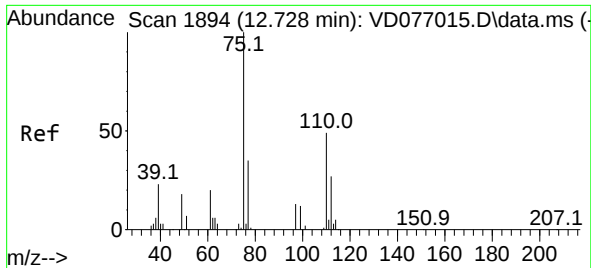
Tgt Ion: 83 Resp: 18127
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 0.7 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 2.497 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD077024.D
Acq: 25 Aug 2023 19:13

Tgt Ion: 63 Resp: 7792
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#61

1,2,3-Trichloropropane

Concen: 5.072 ug/L

RT: 13.522 min Scan# 20

Delta R.T. 0.794 min

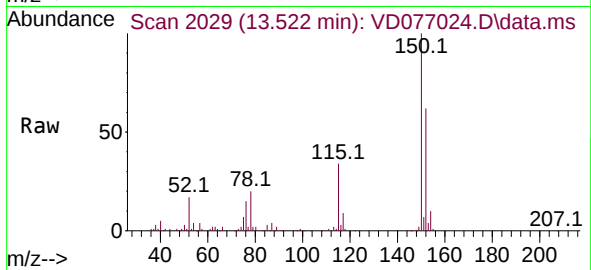
Lab File: VD077024.D

Acq: 25 Aug 2023 19:13

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 10623

Ion Ratio Lower Upper

75 100

77 32.2 27.2 40.8

110 1.2 31.8 47.6#

