

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111823\
 Data File : VD077623.D
 Acq On : 18 Nov 2023 11:43
 Operator : JC/SY
 Sample : 05416-22
 Misc : 3.16G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 23:23:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Nov 19 23:22:21 2023
 Response via : Initial Calibration

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

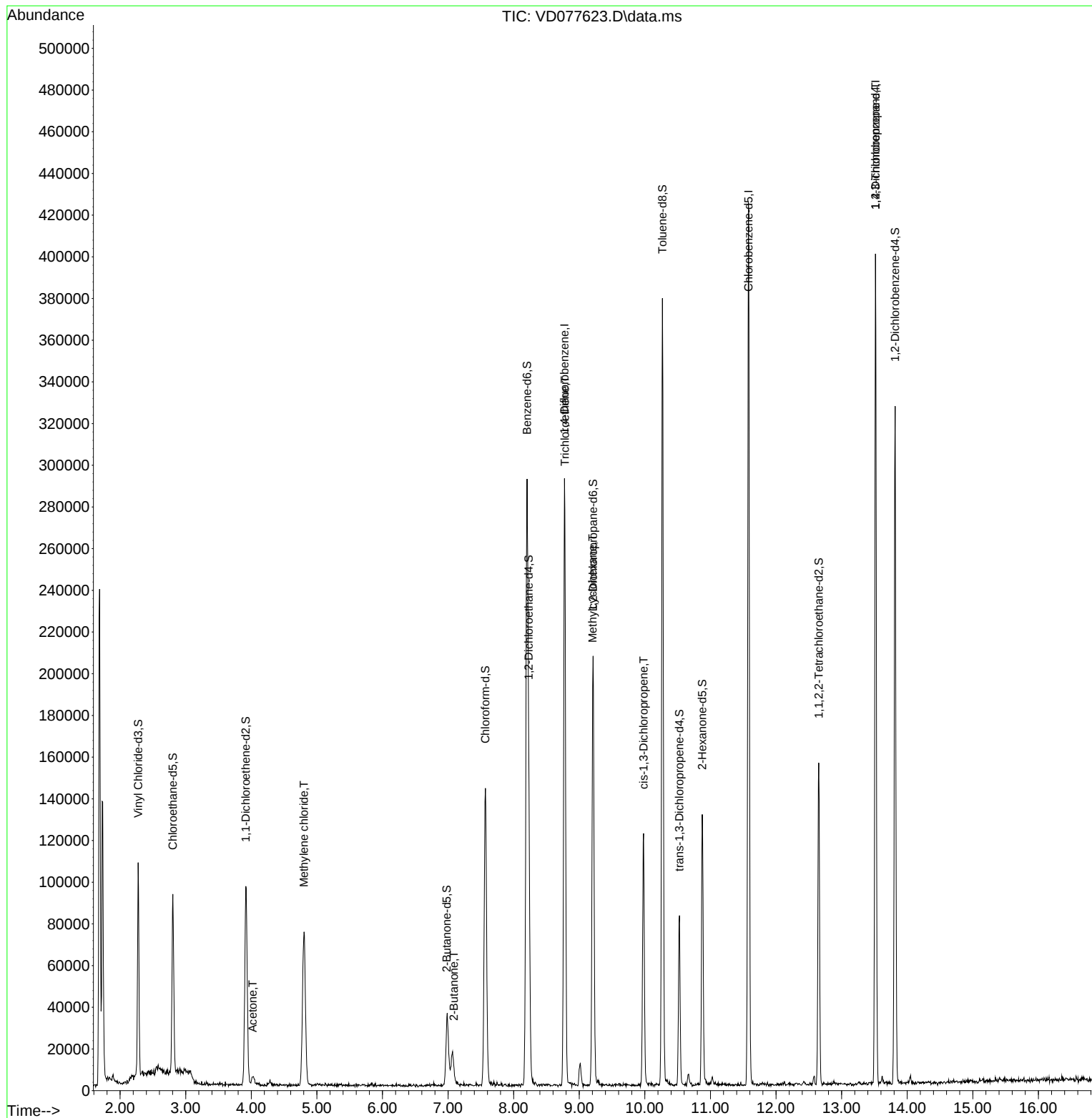
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	236791	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	227396	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	98287	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	91182	15.137	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.560%
7) Chloroethane-d5	2.804	69	85987	18.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.680%
11) 1,1-Dichloroethene-d2	3.916	65	28288	15.187	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.760%
21) 2-Butanone-d5	6.981	46	61442	58.915	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.820%
24) Chloroform-d	7.569	84	145609	21.287	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.160%
26) 1,2-Dichloroethane-d4	8.228	65	93044	25.572	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.280%
32) Benzene-d6	8.204	84	285934	19.374	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.480%
36) 1,2-Dichloropropane-d6	9.210	67	104189	21.673	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.680%
41) Toluene-d8	10.269	98	249099	18.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.720%
43) trans-1,3-Dichloroprop...	10.528	79	45999	22.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.760%
47) 2-Hexanone-d5	10.875	63	45647	53.079	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.160%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80922	25.406	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	82020	23.457	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.840%
Target Compounds					Qvalue	
13) Acetone	4.022	43	4961	4.525	ug/L	87
16) Methylene chloride	4.804	84	53194	13.305	ug/L	94
22) 2-Butanone	7.087	43	1047	0.794	ug/L	92
34) Trichloroethene	8.781	95	7258	1.857	ug/L #	10
35) Methylcyclohexane	9.204	83	22585	3.203	ug/L #	17
39) cis-1,3-Dichloropropene	9.980	75	3375	0.501	ug/L #	58
61) 1,2,3-Trichloropropane	13.516	75	13930	6.654	ug/L #	68

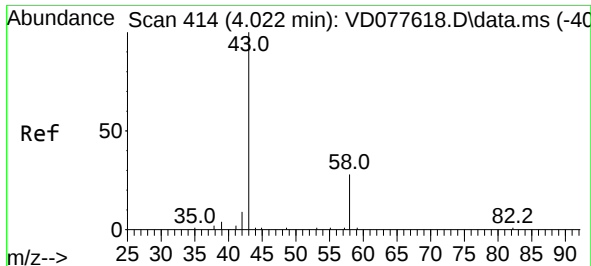
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sun Nov 19 23:22:21 2023
Response via : Initial Calibration

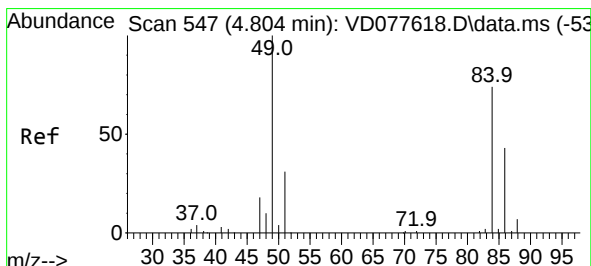
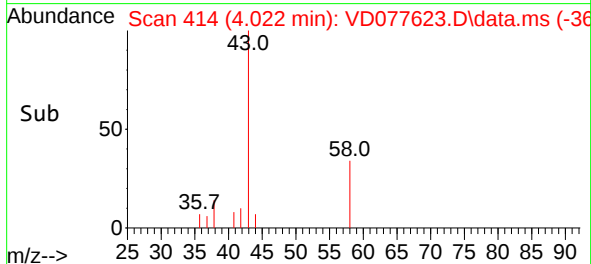
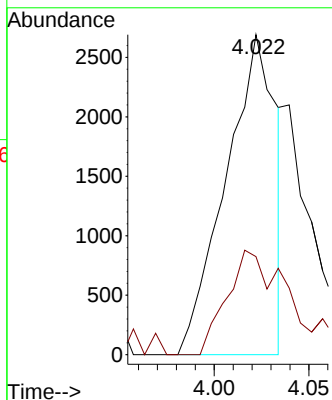
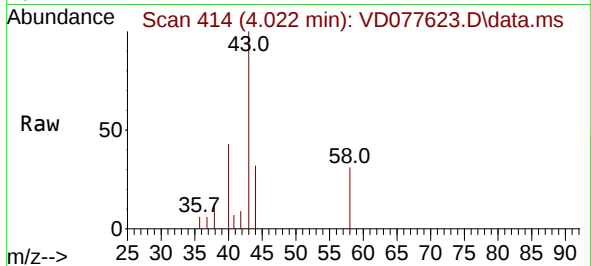




#13
Acetone
Concen: 4.525 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD077623.D
Acq: 18 Nov 2023 11:43

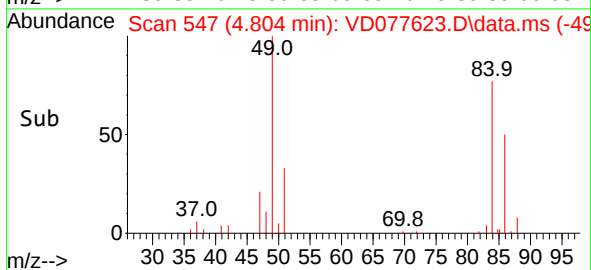
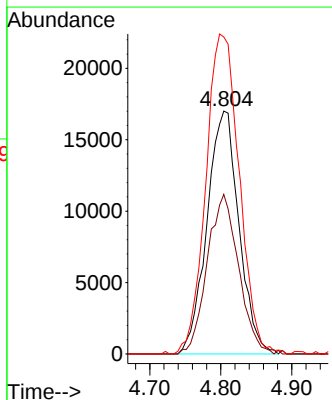
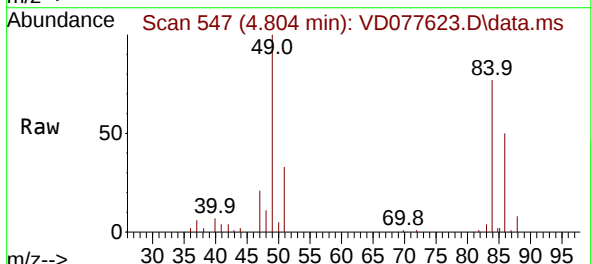
Instrument :
MSVOA_D
ClientSampleId :

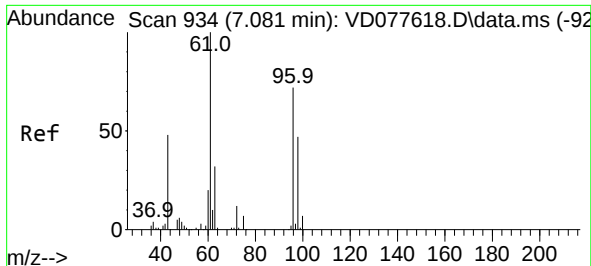
Tgt Ion: 43 Resp: 4961
Ion Ratio Lower Upper
43 100
58 24.9 0.0 64.0



#16
Methylene chloride
Concen: 13.305 ug/L
RT: 4.804 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077623.D
Acq: 18 Nov 2023 11:43

Tgt Ion: 84 Resp: 53194
Ion Ratio Lower Upper
84 100
86 65.7 46.5 86.5
49 130.5 98.3 182.7

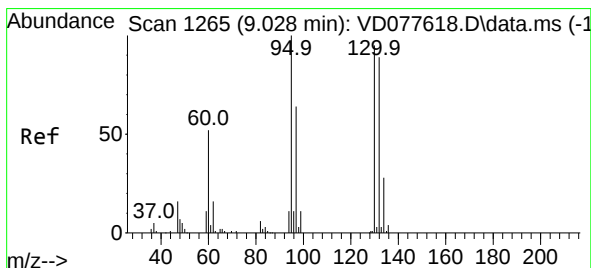
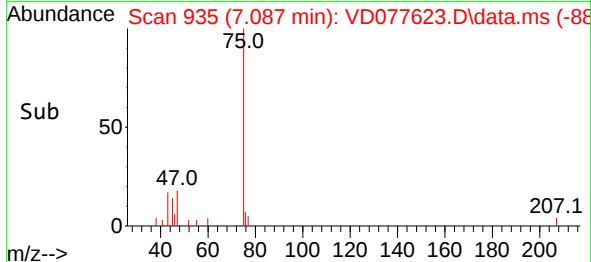
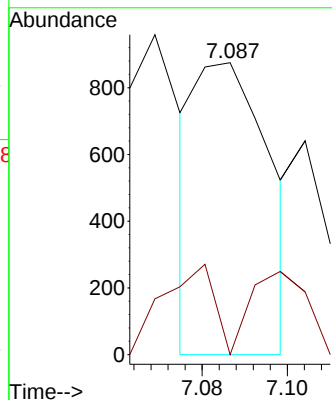
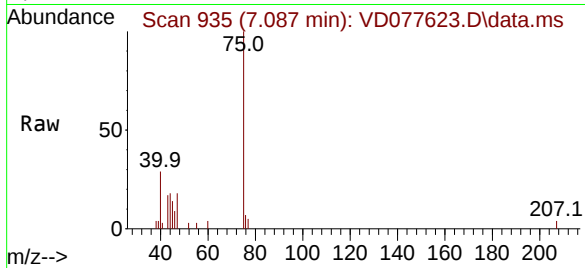




#22
2-Butanone
Concen: 0.794 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077623.D
Acq: 18 Nov 2023 11:43

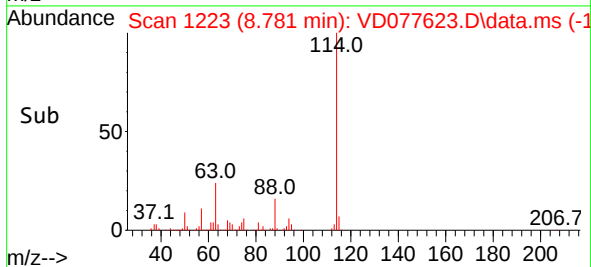
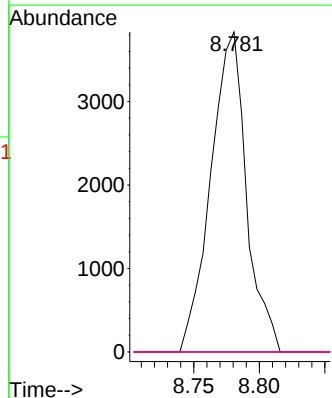
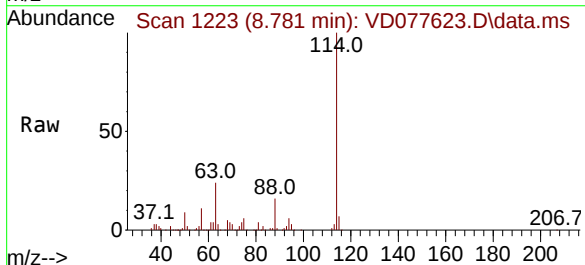
Instrument :
MSVOA_D
ClientSampleId :

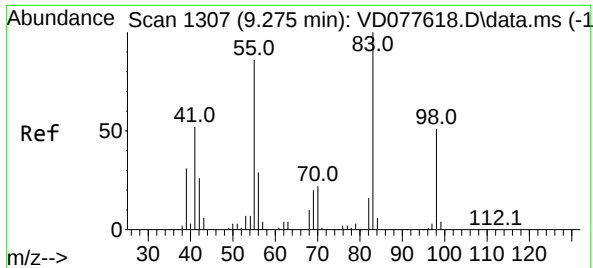
Tgt Ion: 43 Resp: 1047
Ion Ratio Lower Upper
43 100
72 21.6 12.8 38.4



#34
Trichloroethene
Concen: 1.857 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD077623.D
Acq: 18 Nov 2023 11:43

Tgt Ion: 95 Resp: 7258
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#

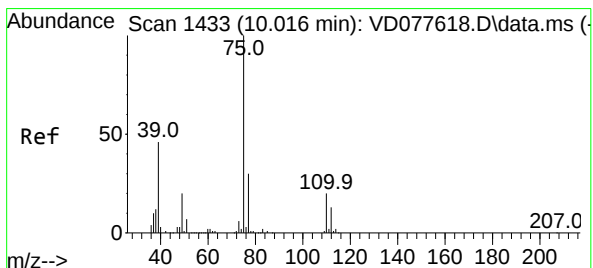
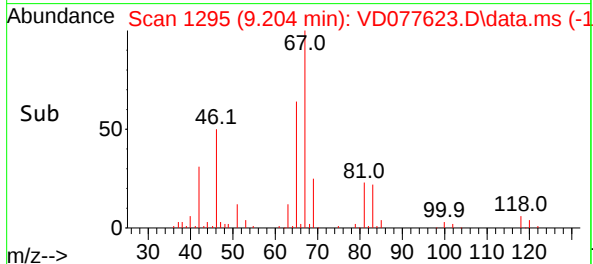
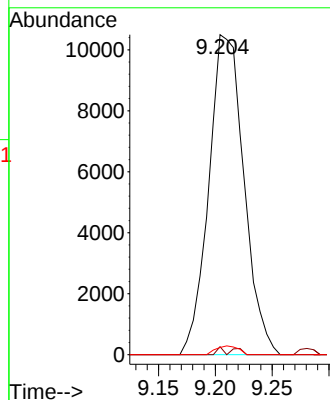
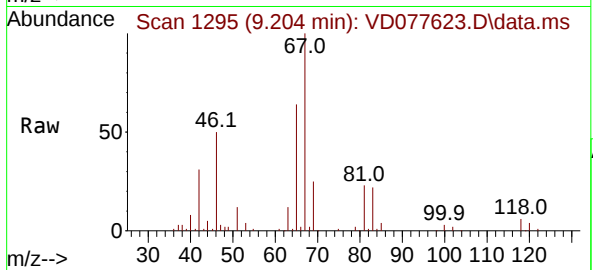




#35
Methylcyclohexane
Concen: 3.203 ug/L
RT: 9.204 min Scan# 11
Delta R.T. -0.071 min
Lab File: VD077623.D
Acq: 18 Nov 2023 11:43

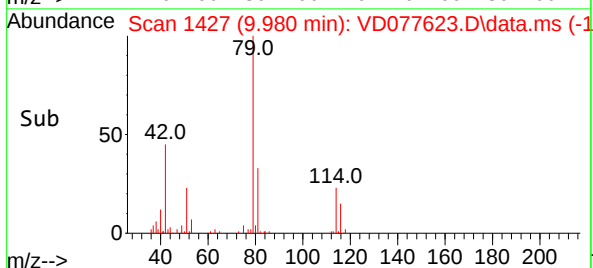
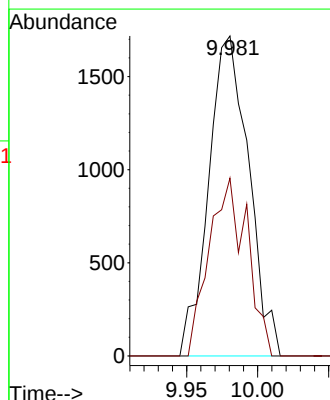
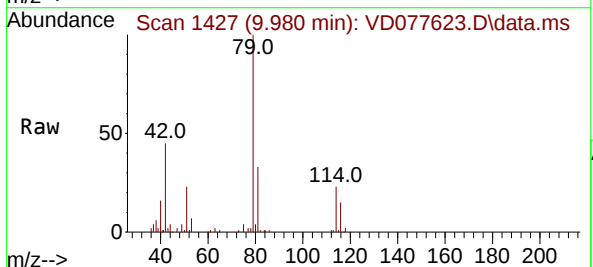
Instrument :
MSVOA_D
ClientSampleId :

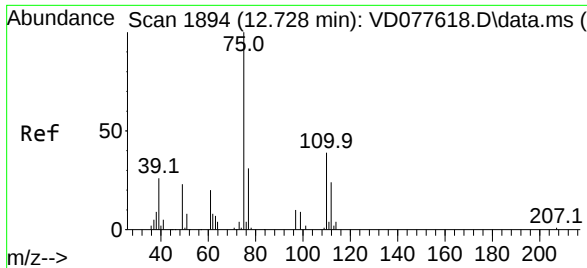
Tgt Ion: 83 Resp: 22585
Ion Ratio Lower Upper
83 100
55 0.4 66.5 99.7#
98 1.7 37.4 56.2#



#39
cis-1,3-Dichloropropene
Concen: 0.501 ug/L
RT: 9.980 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD077623.D
Acq: 18 Nov 2023 11:43

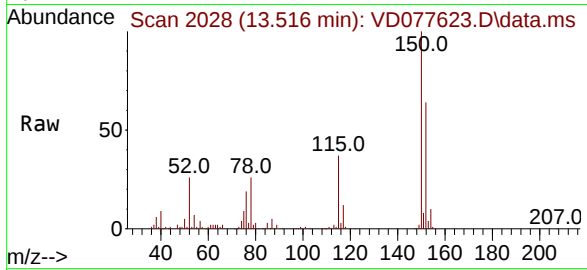
Tgt Ion: 75 Resp: 3375
Ion Ratio Lower Upper
75 100
77 55.5 22.5 41.9#





#61
 1,2,3-Trichloropropane
 Concen: 6.654 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD077623.D
 Acq: 18 Nov 2023 11:43

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	13930
Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.6	38.4
110	2.4	29.6	44.4#

