

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078312.D
 Acq On : 01 Feb 2024 18:31
 Operator : RP/MD
 Sample : P1329-02
 Misc : 3.46G/10ml/MSVOA_D/SOIL/VIAL A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 02 00:41:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 02 00:36:57 2024
 Response via : Initial Calibration

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

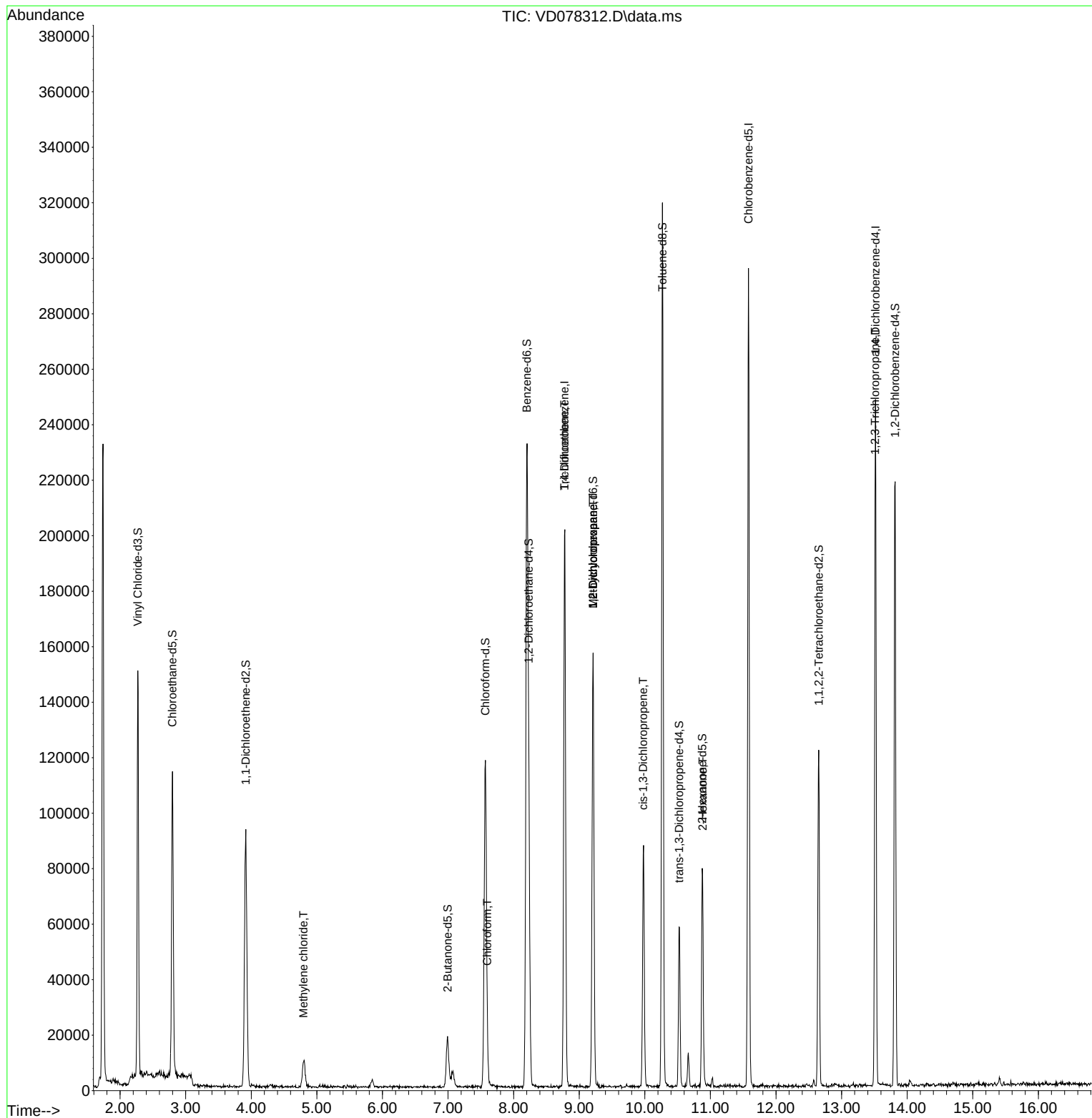
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	177645	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	166401	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	63398	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	134130	26.613	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.440%
7) Chloroethane-d5	2.799	69	109996	25.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.840%
11) 1,1-Dichloroethene-d2	3.917	65	25226	23.181	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.720%
21) 2-Butanone-d5	6.993	46	31981	43.097	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.200%
24) Chloroform-d	7.569	84	116198	22.941	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.760%
26) 1,2-Dichloroethane-d4	8.228	65	66410	24.296	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	8.199	84	250651	25.761	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.040%
36) 1,2-Dichloropropane-d6	9.210	67	77635	25.918	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.680%
41) Toluene-d8	10.269	98	214959	24.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	10.522	79	31983	23.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.640%
47) 2-Hexanone-d5	10.875	63	28470	46.845	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.700%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	64554	23.192	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	57779	25.457	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.840%
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	3880	1.114	ug/L	92
25) Chloroform	7.599	83	6072	1.119	ug/L	86
34) Trichloroethene	8.775	95	5547	1.959	ug/L #	3
35) Methylcyclohexane	9.210	83	16221	3.660	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	7800	2.640	ug/L #	87
39) cis-1,3-Dichloropropene	9.975	75	2363	0.514	ug/L #	79
48) 2-Hexanone	10.881	43	3608	2.411	ug/L #	72
61) 1,2,3-Trichloropropane	13.510	75	8710	5.386	ug/L #	65

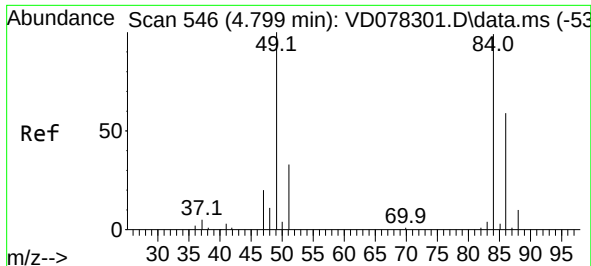
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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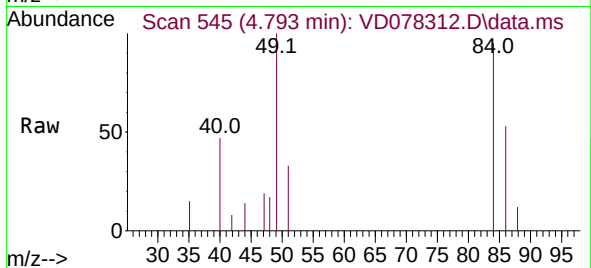
Quant Time: Feb 02 00:41:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Feb 02 00:36:57 2024
Response via : Initial Calibration



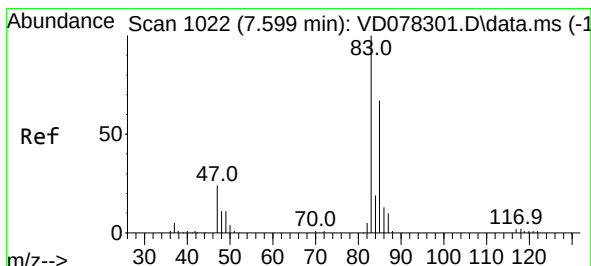
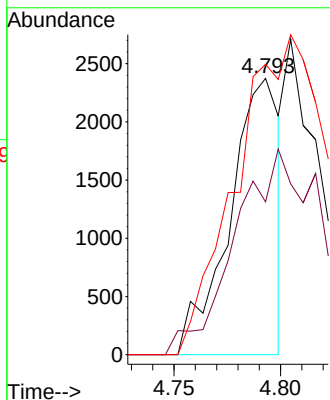
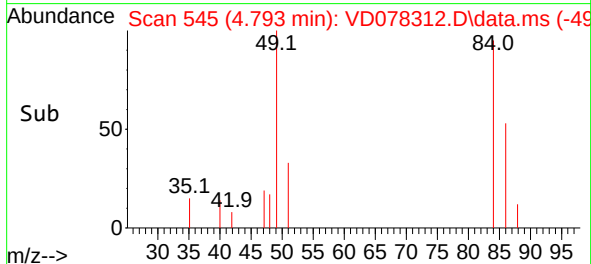


#16
Methylene chloride
Concen: 1.114 ug/L
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078312.D
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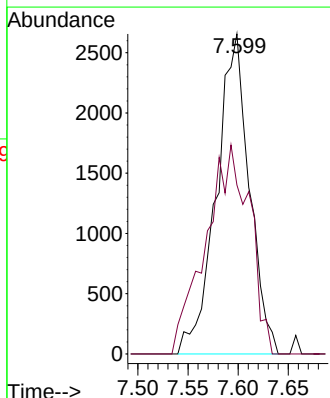
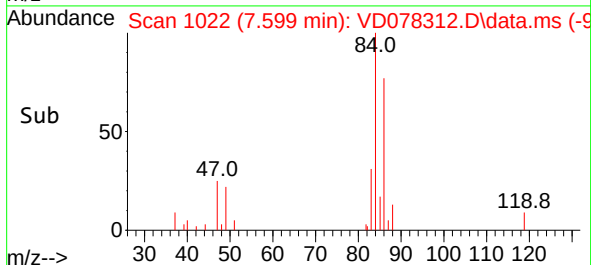
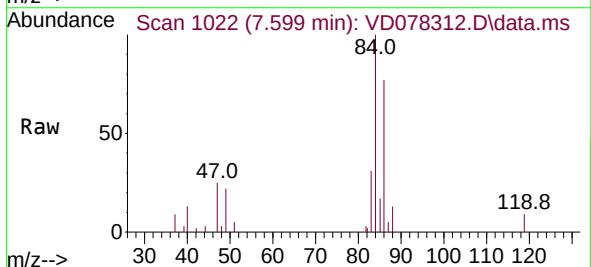


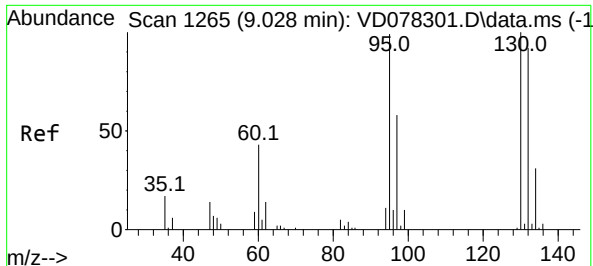
Tgt Ion: 84 Resp: 3880
Ion Ratio Lower Upper
84 100
86 55.3 45.4 84.2
49 105.1 77.3 143.7



#25
Chloroform
Concen: 1.119 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD078312.D
Acq: 01 Feb 2024 18:31

Tgt Ion: 83 Resp: 6072
Ion Ratio Lower Upper
83 100
85 52.8 44.9 83.3

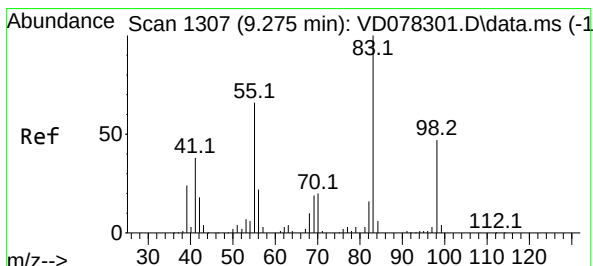
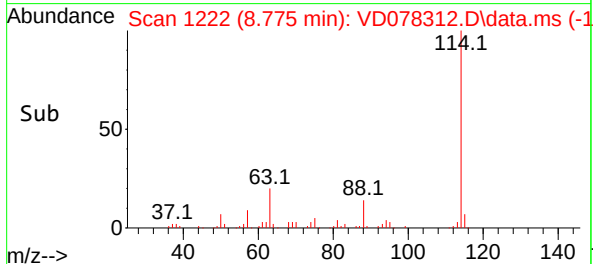
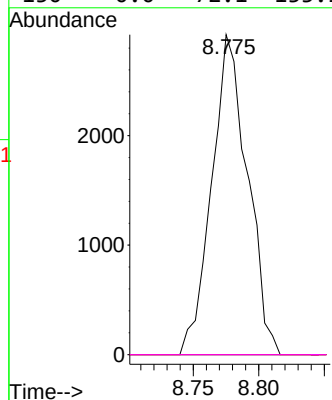
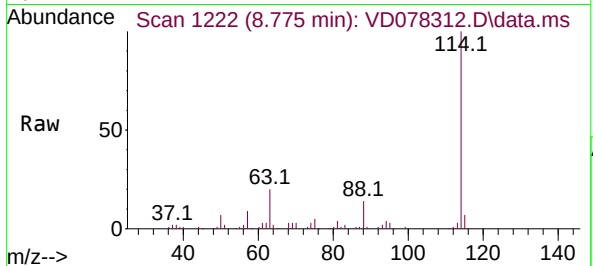




#34
Trichloroethene
Concen: 1.959 ug/L
RT: 8.775 min Scan# 1296
Delta R.T. -0.253 min
Lab File: VD078312.D
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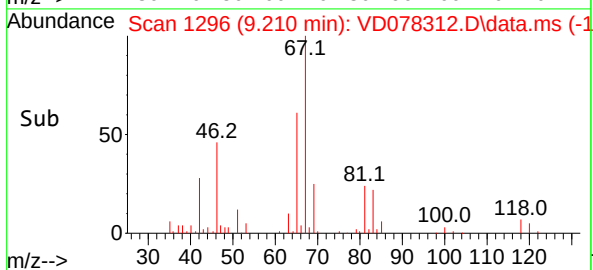
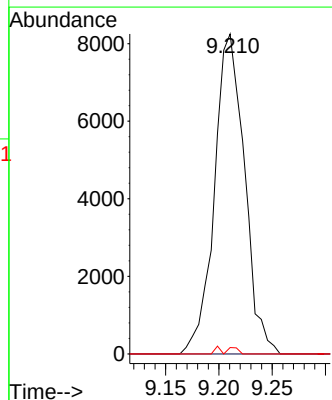
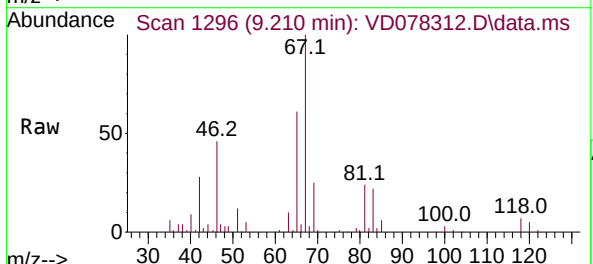
Instrument :
MSVOA_D
ClientSampleId :

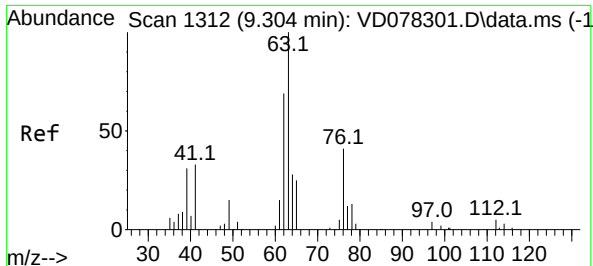
Tgt Ion: 95 Resp: 5547
Ion Ratio Lower Upper
95 100
97 0.0 46.9 87.1#
132 0.0 73.7 136.9#
130 0.0 72.1 133.9#



#35
Methylcyclohexane
Concen: 3.660 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD078312.D
Acq: 01 Feb 2024 18:31

Tgt Ion: 83 Resp: 16221
Ion Ratio Lower Upper
83 100
55 0.0 56.2 84.4#
98 0.7 41.2 61.8#

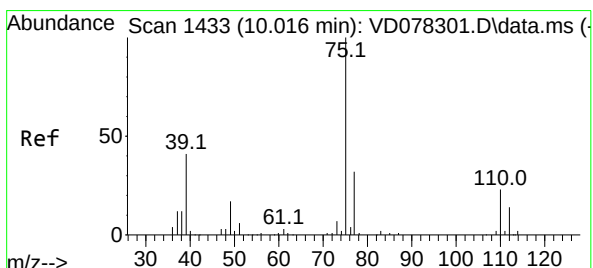
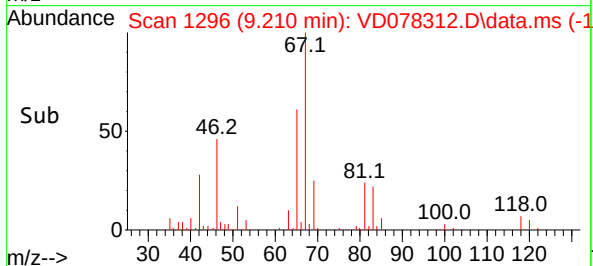
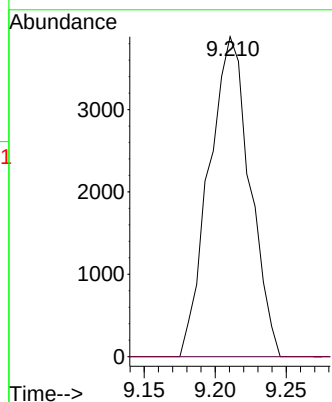
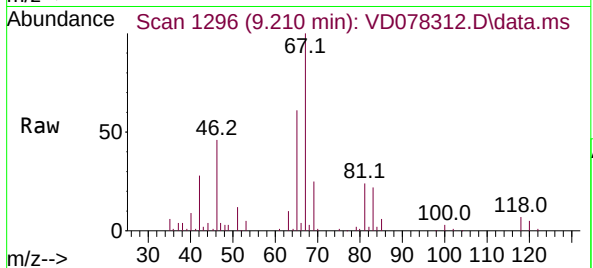




#37
1,2-Dichloropropane
Concen: 2.640 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD078312.D
Acq: 01 Feb 2024 18:31

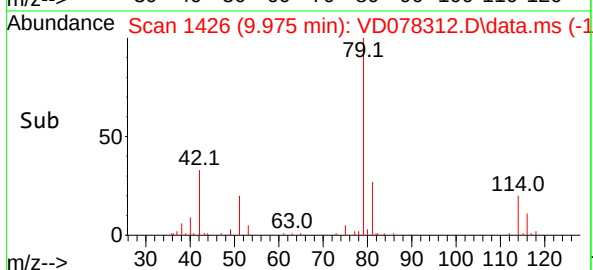
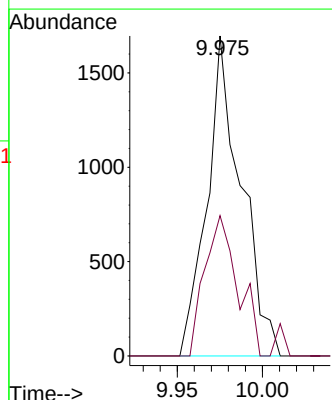
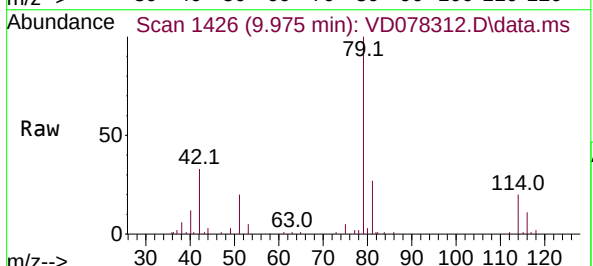
Instrument :
MSVOA_D
ClientSampleId :

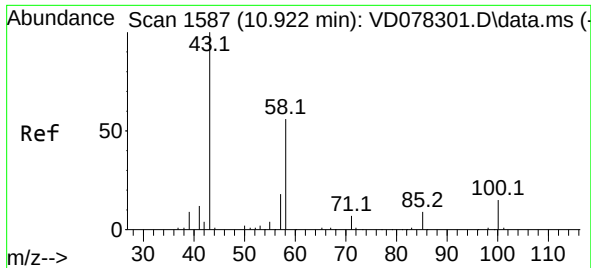
Tgt Ion: 63 Resp: 7800
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#39
cis-1,3-Dichloropropene
Concen: 0.514 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD078312.D
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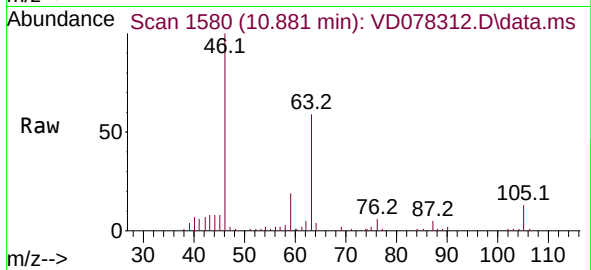
Tgt Ion: 75 Resp: 2363
Ion Ratio Lower Upper
75 100
77 43.9 22.3 41.5#



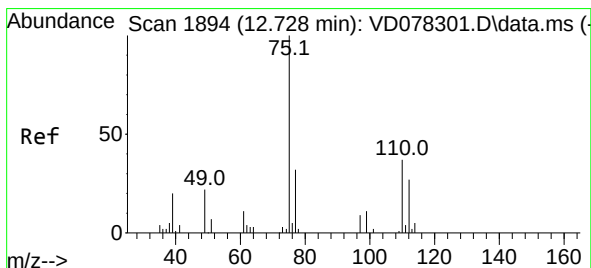
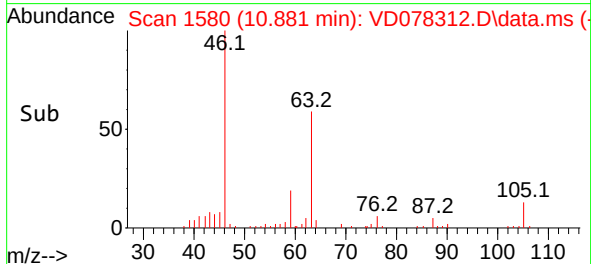
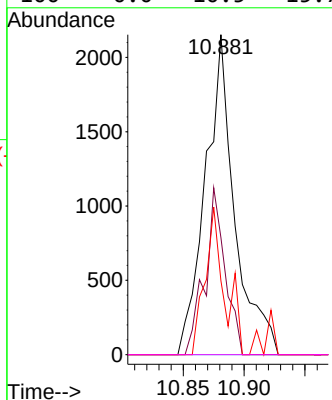


#48
2-Hexanone
Concen: 2.411 ug/L
RT: 10.881 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD078312.D
Acq: 01 Feb 2024 18:31

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	43	Resp:	3608
Ion	Ratio	Lower	Upper
43	100		
58	35.8	48.5	72.7#
57	25.2	15.6	23.4#
100	0.0	10.5	15.7#



#61
1,2,3-Trichloropropane
Concen: 5.386 ug/L
RT: 13.510 min Scan# 2027
Delta R.T. 0.782 min
Lab File: VD078312.D
Acq: 01 Feb 2024 18:31

Tgt Ion:	75	Resp:	8710
Ion	Ratio	Lower	Upper
75	100		
77	35.9	26.5	39.7
110	2.4	31.8	47.8#

