

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075947.D
 Acq On : 01 May 2023 18:58
 Operator : KP/SY
 Sample : 02564-08
 Misc : 2.36G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 02:35:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

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

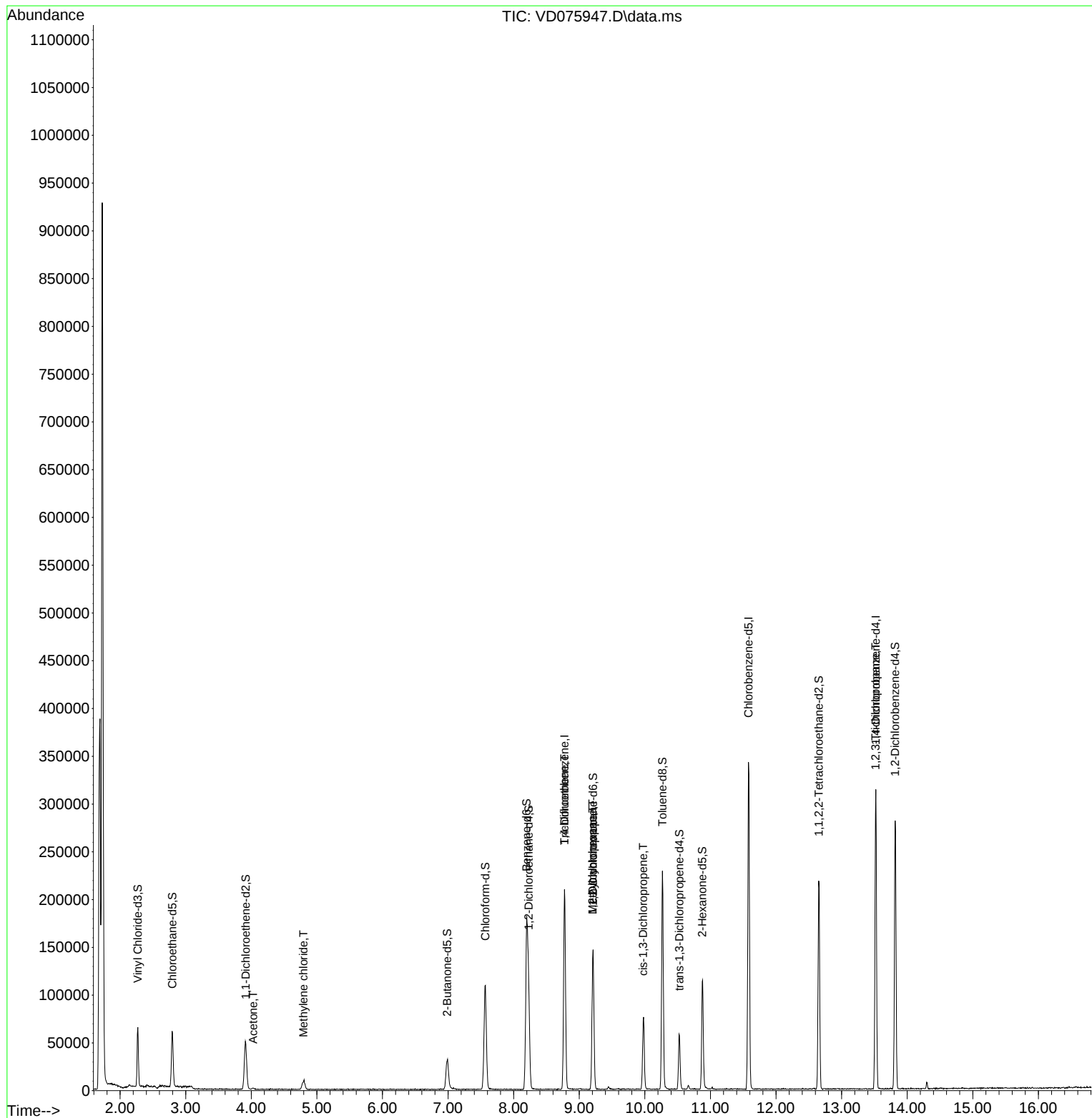
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	208988	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	221980	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	95427	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	58576	12.777	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.120%
7) Chloroethane-d5	2.799	69	62885	15.875	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.520%
11) 1,1-Dichloroethene-d2	3.916	65	13653	12.917	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.680%
21) 2-Butanone-d5	6.987	46	53273	133.850	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	267.700%#
24) Chloroform-d	7.569	84	118154	22.608	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.440%
26) 1,2-Dichloroethane-d4	8.228	65	68506	30.696	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.800%
32) Benzene-d6	8.199	84	202888	15.682	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	62.720%
36) 1,2-Dichloropropane-d6	9.210	67	78012	21.784	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.120%
41) Toluene-d8	10.269	98	167738	13.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	55.400%
43) trans-1,3-Dichloroprop...	10.528	79	34946	23.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.440%
47) 2-Hexanone-d5	10.875	63	41512	96.273	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	192.540%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	115909	42.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	169.200%#
66) 1,2-Dichlorobenzene-d4	13.816	152	85285	25.267	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.080%
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	1072	3.147	ug/L	62
16) Methylene chloride	4.793	84	4570	1.078	ug/L	88
34) Trichloroethene	8.775	95	5538	1.595	ug/L #	2
35) Methylcyclohexane	9.204	83	17886	3.341	ug/L #	24
37) 1,2-Dichloropropane	9.204	63	7921	2.568	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	1734	0.353	ug/L #	43
61) 1,2,3-Trichloropropane	13.516	75	10066	6.715	ug/L #	39

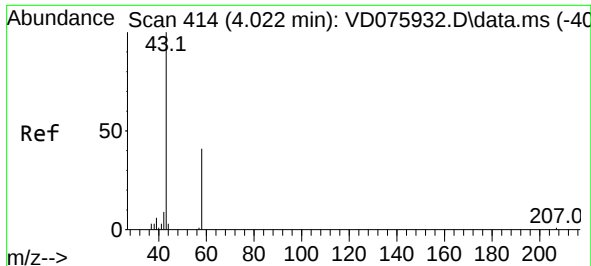
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue May 02 02:31:38 2023
Response via : Initial Calibration





#13

Acetone

Concen: 3.147 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD075947.D

Acq: 01 May 2023 18:58

Instrument :

MSVOA_D

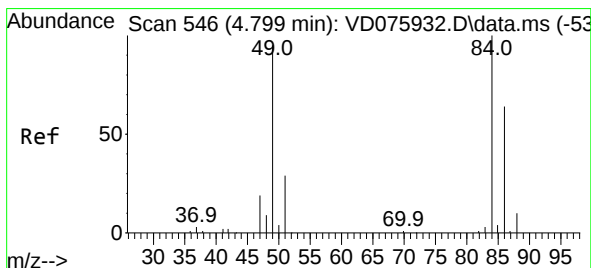
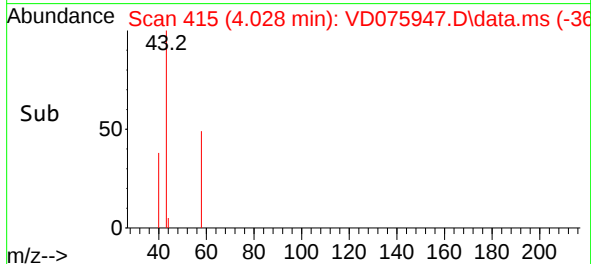
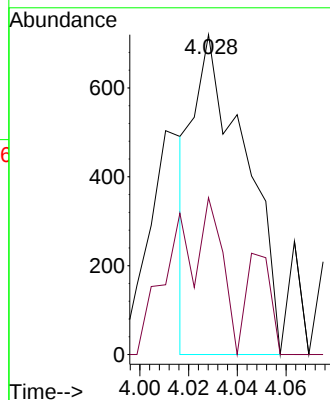
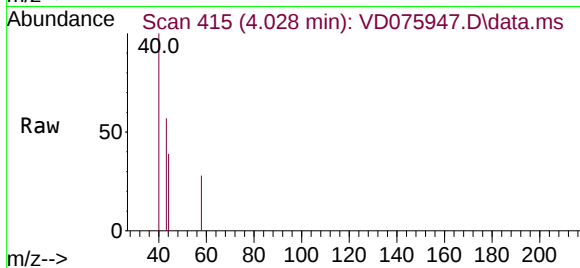
ClientSampleId :

Tgt Ion: 43 Resp: 1072

Ion Ratio Lower Upper

43 100

58 19.2 0.0 87.4



#16

Methylene chloride

Concen: 1.078 ug/L

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD075947.D

Acq: 01 May 2023 18:58

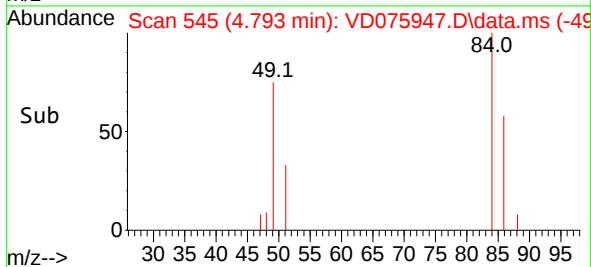
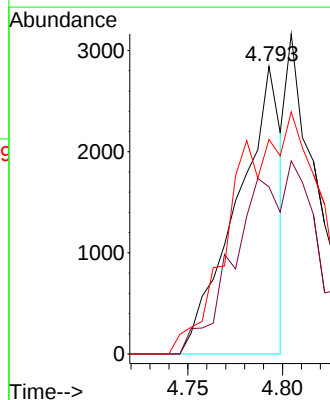
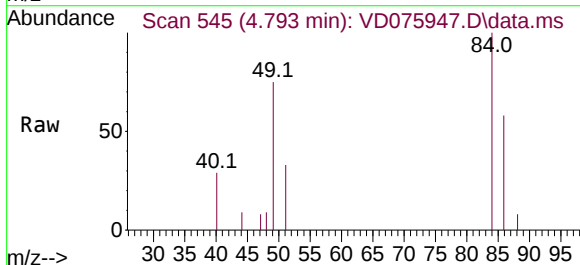
Tgt Ion: 84 Resp: 4570

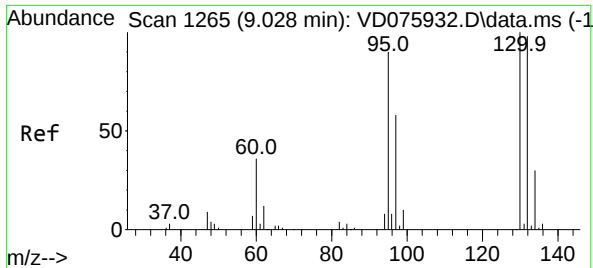
Ion Ratio Lower Upper

84 100

86 58.1 45.8 85.2

49 74.6 60.8 112.8



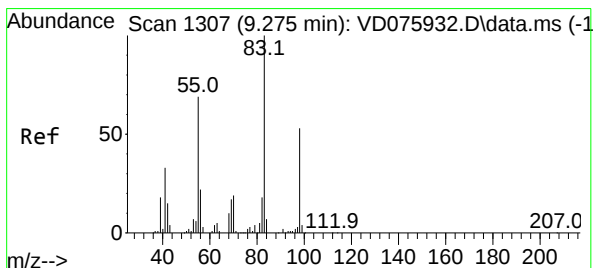
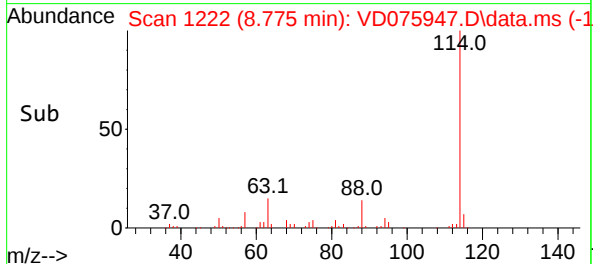
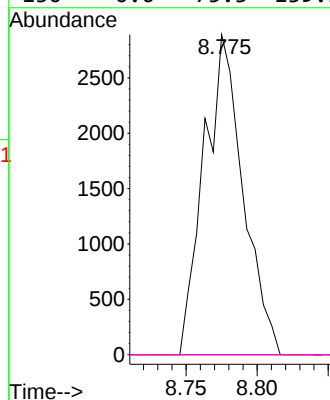
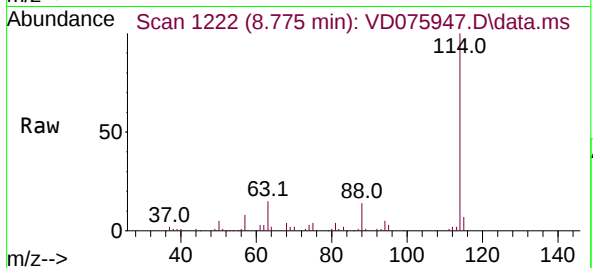


#34
Trichloroethene
Concen: 1.595 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD075947.D
Acq: 01 May 2023 18:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 5538

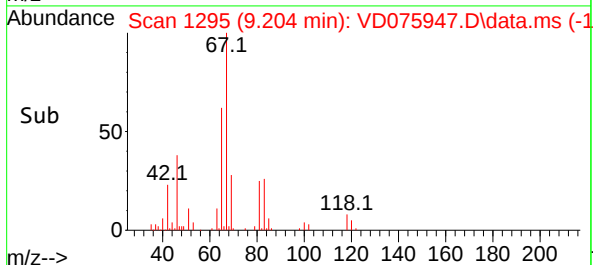
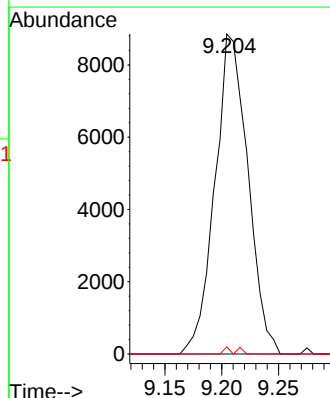
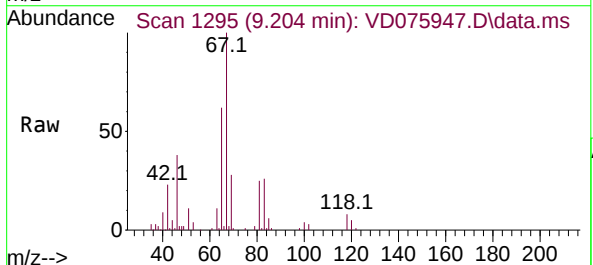
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#

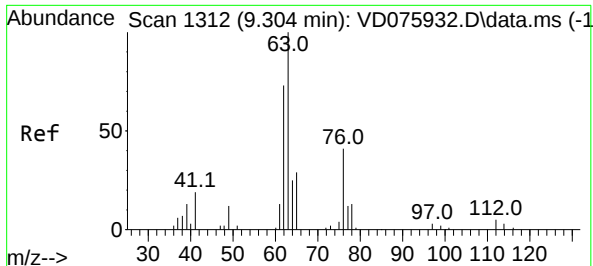


#35
Methylcyclohexane
Concen: 3.341 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.071 min
Lab File: VD075947.D
Acq: 01 May 2023 18:58

Tgt Ion: 83 Resp: 17886

Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	0.4	40.8	61.2#





#37

1,2-Dichloropropane

Concen: 2.568 ug/L

RT: 9.204 min Scan# 11

Delta R.T. -0.100 min

Lab File: VD075947.D

Acq: 01 May 2023 18:58

Instrument :

MSVOA_D

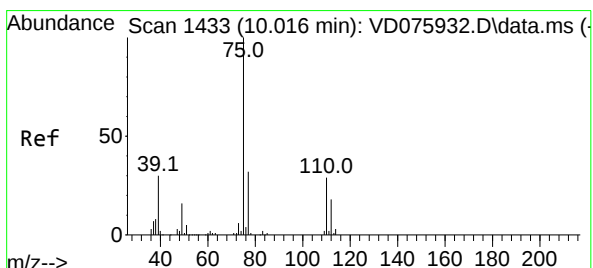
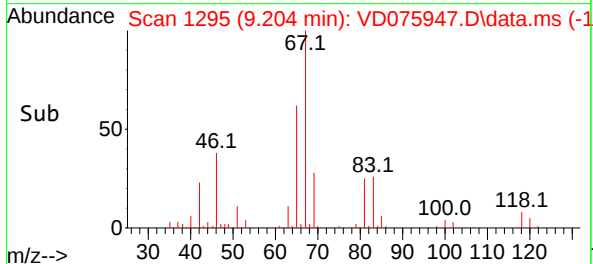
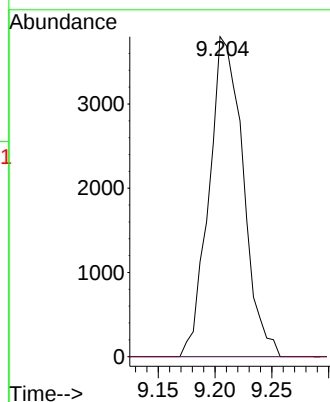
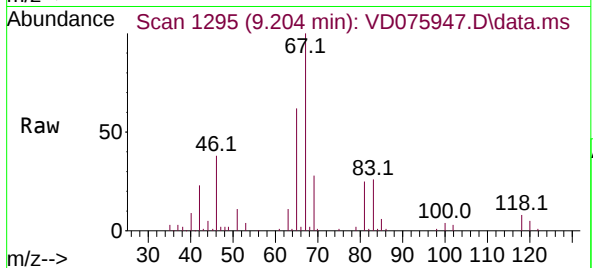
ClientSampleId :

Tgt Ion: 63 Resp: 7921

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.353 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD075947.D

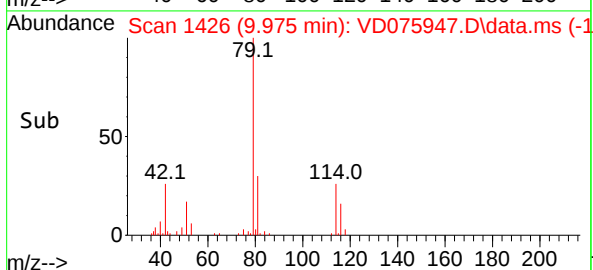
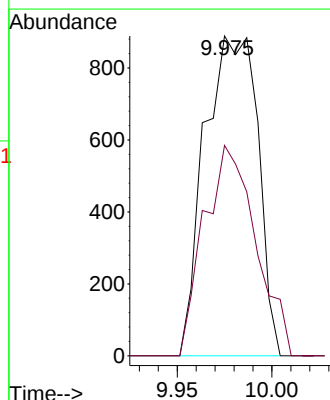
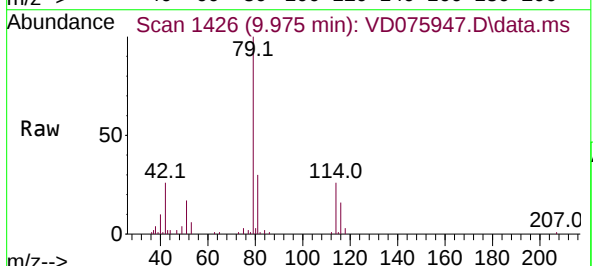
Acq: 01 May 2023 18:58

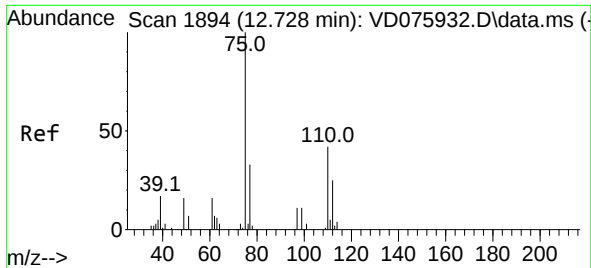
Tgt Ion: 75 Resp: 1734

Ion Ratio Lower Upper

75 100

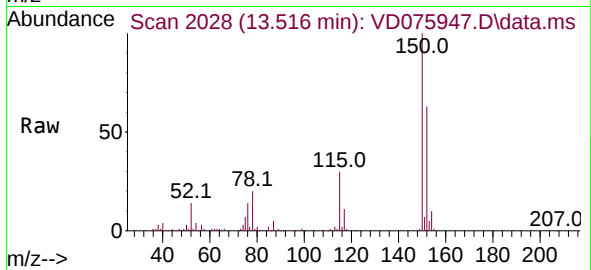
77 65.8 23.4 43.6#





#61
 1,2,3-Trichloropropane
 Concen: 6.715 ug/L
 RT: 13.516 min Scan# 20
 Delta R.T. 0.788 min
 Lab File: VD075947.D
 Acq: 01 May 2023 18:58

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	10066
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.6	39.8#
110	2.0	33.5	50.3#

