

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052924\
 Data File : VD079075.D
 Acq On : 29 May 2024 20:13
 Operator : RP/MD
 Sample : P2640-12
 Misc : 4.20G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 30 01:14:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 30 01:09:48 2024
 Response via : Initial Calibration

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

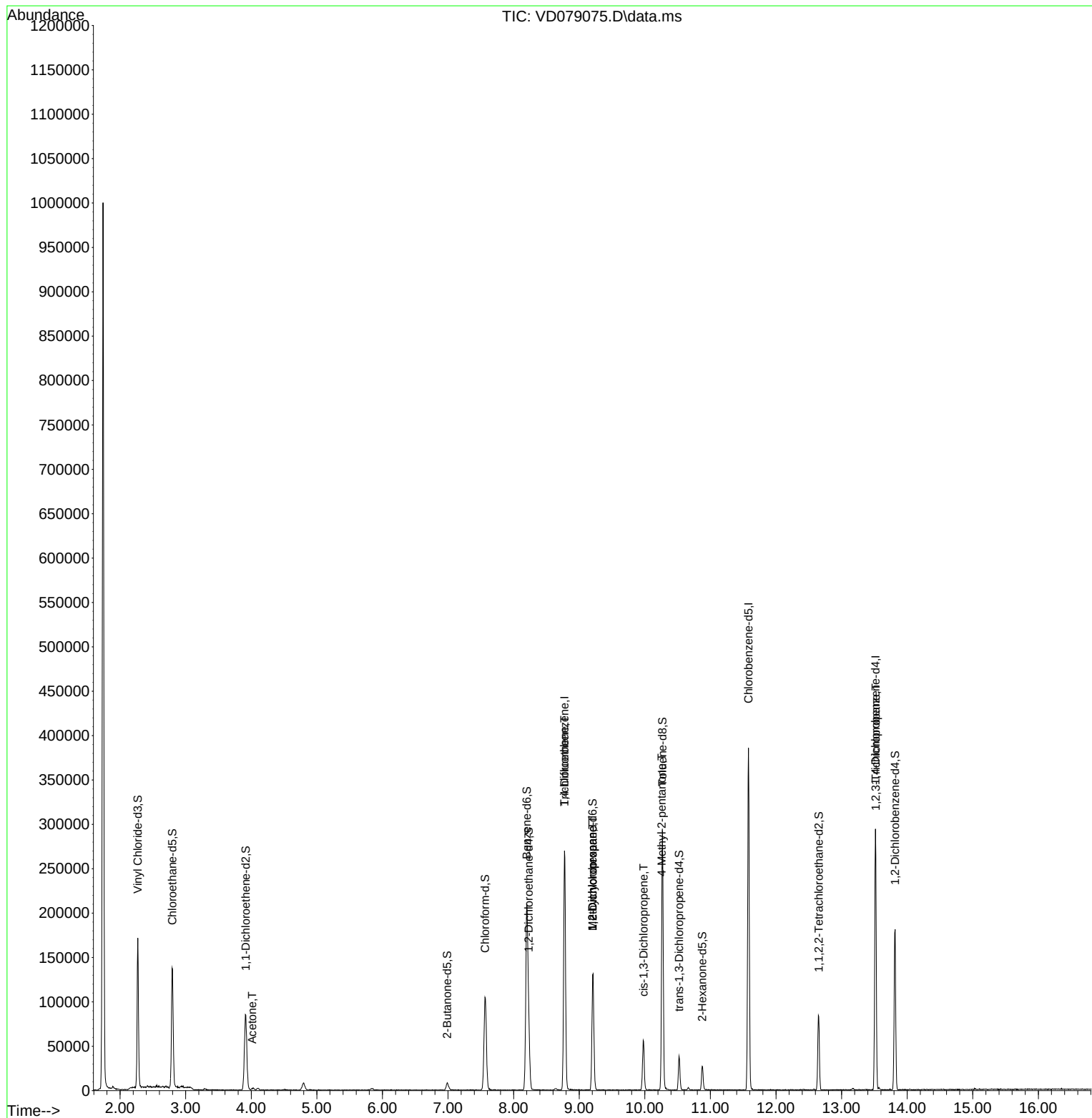
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	258802	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	234758	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	83258	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	149442	18.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.040%
7) Chloroethane-d5	2.799	69	143307	18.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.440%
11) 1,1-Dichloroethene-d2	3.917	65	23122	16.354	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.400%
21) 2-Butanone-d5	6.987	46	12677	20.811	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.620%
24) Chloroform-d	7.563	84	117179	16.193	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	64.760%
26) 1,2-Dichloroethane-d4	8.228	65	53127	15.915	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	63.680%#
32) Benzene-d6	8.199	84	237199	18.226	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.920%
36) 1,2-Dichloropropane-d6	9.204	67	66063	17.622	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.480%
41) Toluene-d8	10.269	98	209163	17.165	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.680%
43) trans-1,3-Dichloroprop...	10.522	79	22541	14.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	57.240%
47) 2-Hexanone-d5	10.875	63	9717	20.050	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.100%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	45422	13.679	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	54.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	53792	18.721	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	74.880%#
Target Compounds						
					Qvalue	
13) Acetone	4.017	43	1581	1.793	ug/L	57
34) Trichloroethene	8.775	95	6808	1.890	ug/L #	1
35) Methylcyclohexane	9.204	83	17165	2.877	ug/L #	23
37) 1,2-Dichloropropane	9.204	63	6824	1.993	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	1536	0.287	ug/L	96
40) 4-Methyl-2-pentanone	10.257	43	706	0.494	ug/L #	1
61) 1,2,3-Trichloropropane	13.522	75	9764	6.642	ug/L #	49

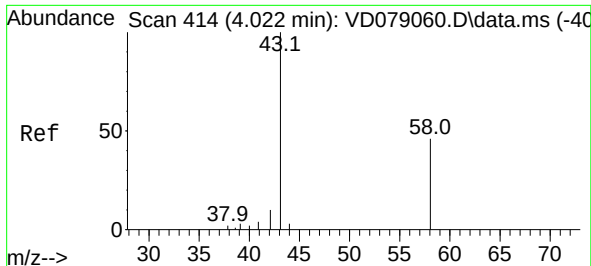
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM052924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 30 01:09:48 2024
Response via : Initial Calibration





#13

Acetone

Concen: 1.793 ug/L

RT: 4.017 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD079075.D

Acq: 29 May 2024 20:13

Instrument :

MSVOA_D

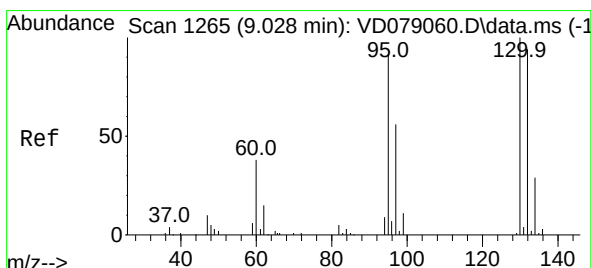
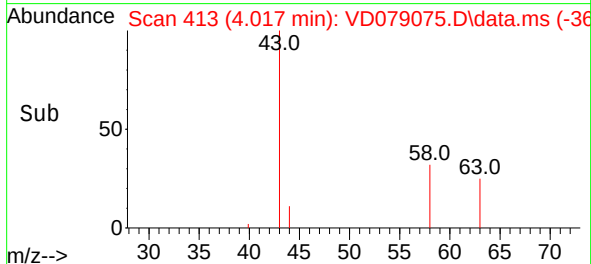
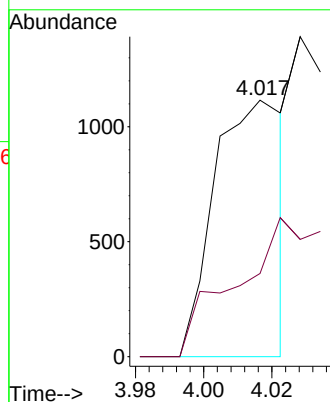
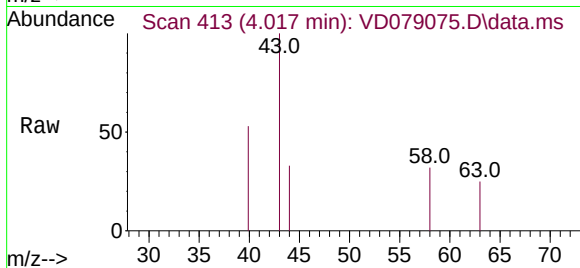
ClientSampleId :

Tgt Ion: 43 Resp: 1581

Ion Ratio Lower Upper

43 100

58 12.5 0.0 78.2



#34

Trichloroethene

Concen: 1.890 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD079075.D

Acq: 29 May 2024 20:13

Tgt Ion: 95 Resp: 6808

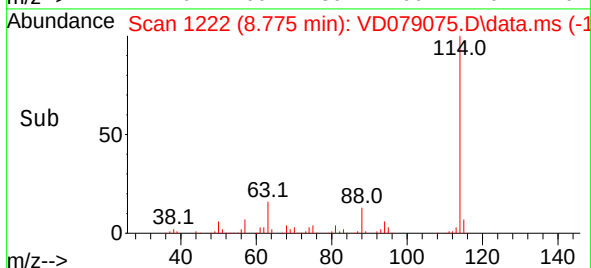
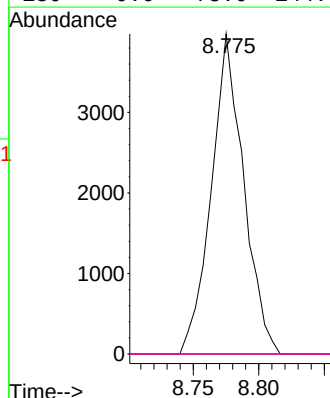
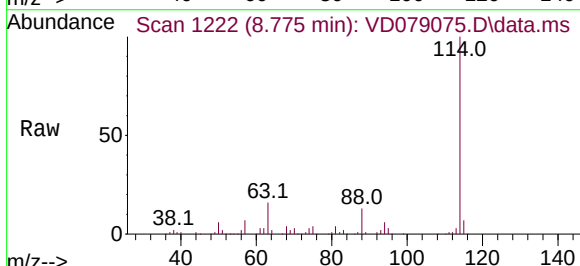
Ion Ratio Lower Upper

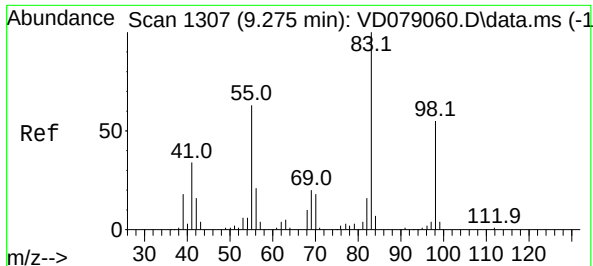
95 100

97 0.0 44.6 82.8#

132 0.0 74.9 139.1#

130 0.0 78.0 144.8#





#35

Methylcyclohexane

Concen: 2.877 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.071 min

Lab File: VD079075.D

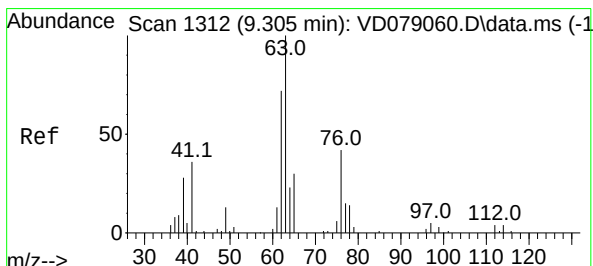
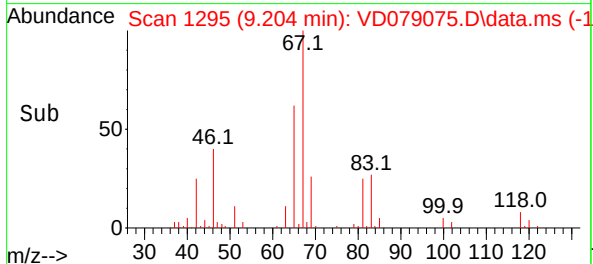
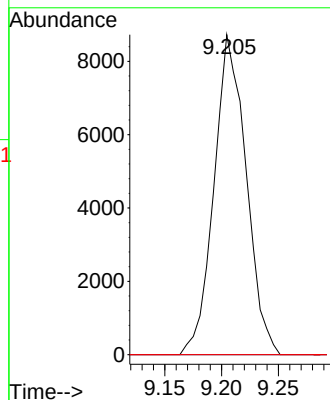
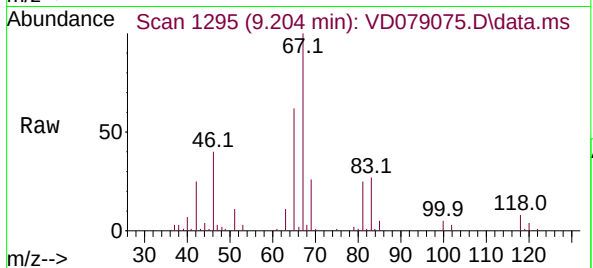
Acq: 29 May 2024 20:13

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 17165
Ion Ratio	Lower Upper
83	100
55	0.0 48.6 72.8#
98	0.0 40.2 60.2#



#37

1,2-Dichloropropane

Concen: 1.993 ug/L

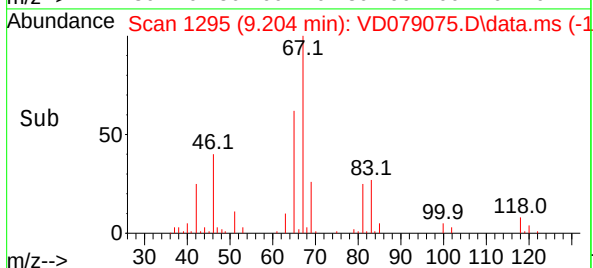
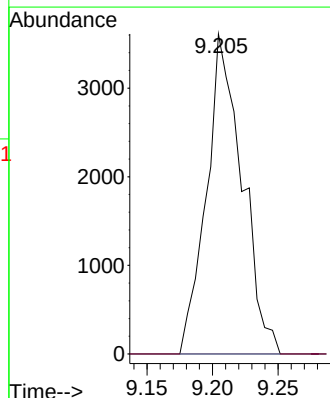
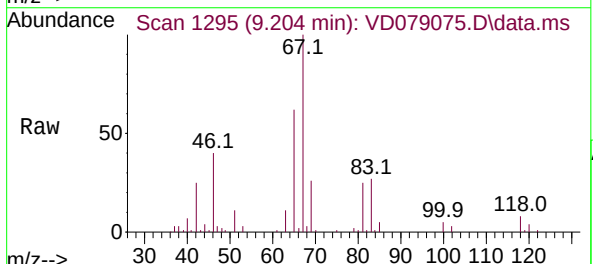
RT: 9.204 min Scan# 1295

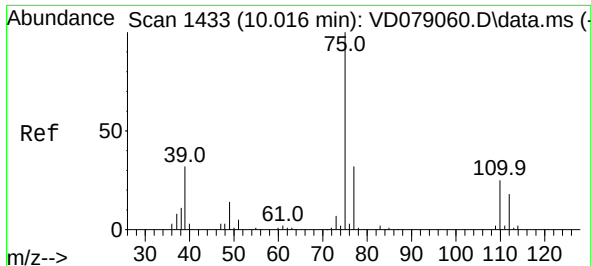
Delta R.T. -0.100 min

Lab File: VD079075.D

Acq: 29 May 2024 20:13

Tgt Ion: 63	Resp: 6824
Ion Ratio	Lower Upper
63	100
112	0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.287 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD079075.D

Acq: 29 May 2024 20:13

Instrument :

MSVOA_D

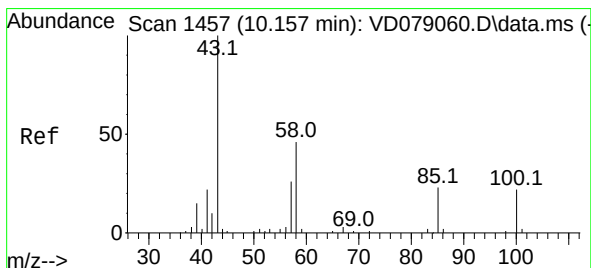
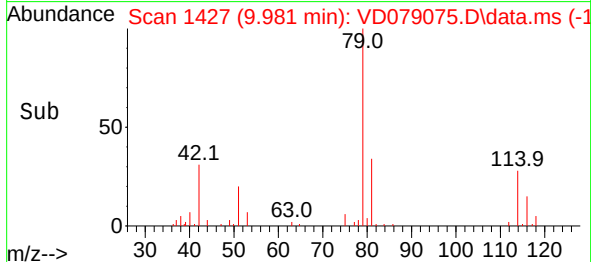
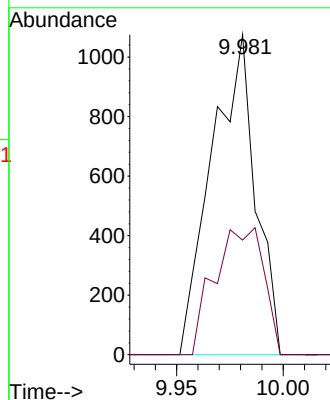
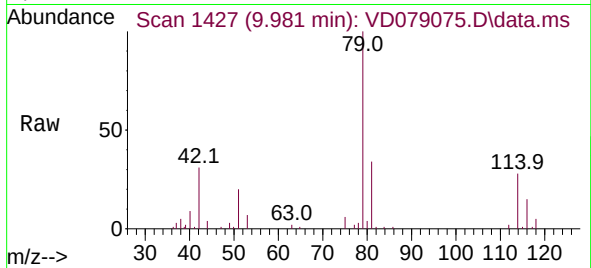
ClientSampleId :

Tgt Ion: 75 Resp: 1536

Ion Ratio Lower Upper

75 100

77 35.8 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 0.494 ug/L

RT: 10.257 min Scan# 1474

Delta R.T. 0.100 min

Lab File: VD079075.D

Acq: 29 May 2024 20:13

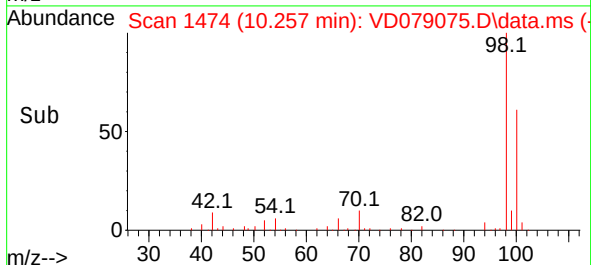
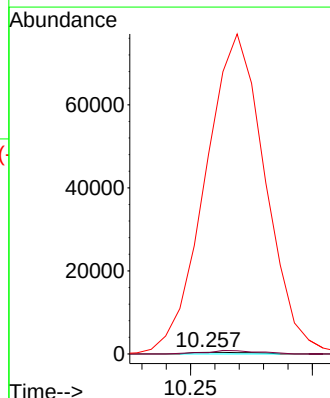
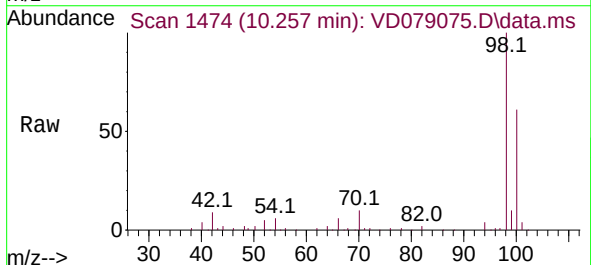
Tgt Ion: 43 Resp: 706

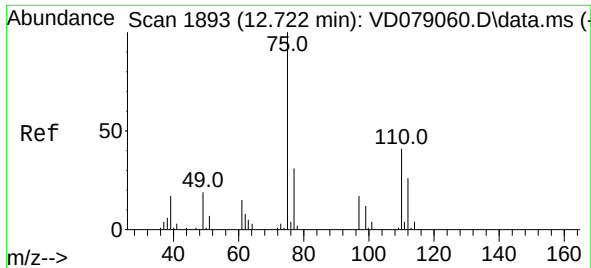
Ion Ratio Lower Upper

43 100

58 176.3 34.0 51.0#

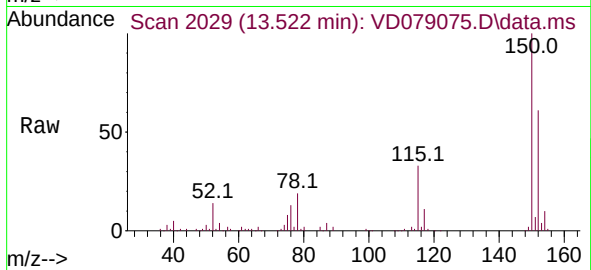
100 18855.5 16.9 25.3#





#61
 1,2,3-Trichloropropane
 Concen: 6.642 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.800 min
 Lab File: VD079075.D
 Acq: 29 May 2024 20:13

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 9764
 Ion Ratio Lower Upper
 75 100
 77 13.3 25.9 38.9#
 110 1.8 34.2 51.4#

