

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075977.D
 Acq On : 03 May 2023 11:15
 Operator : KP/SY
 Sample : VD0503SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 04 03:07:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 02:54:49 2023
 Response via : Initial Calibration

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

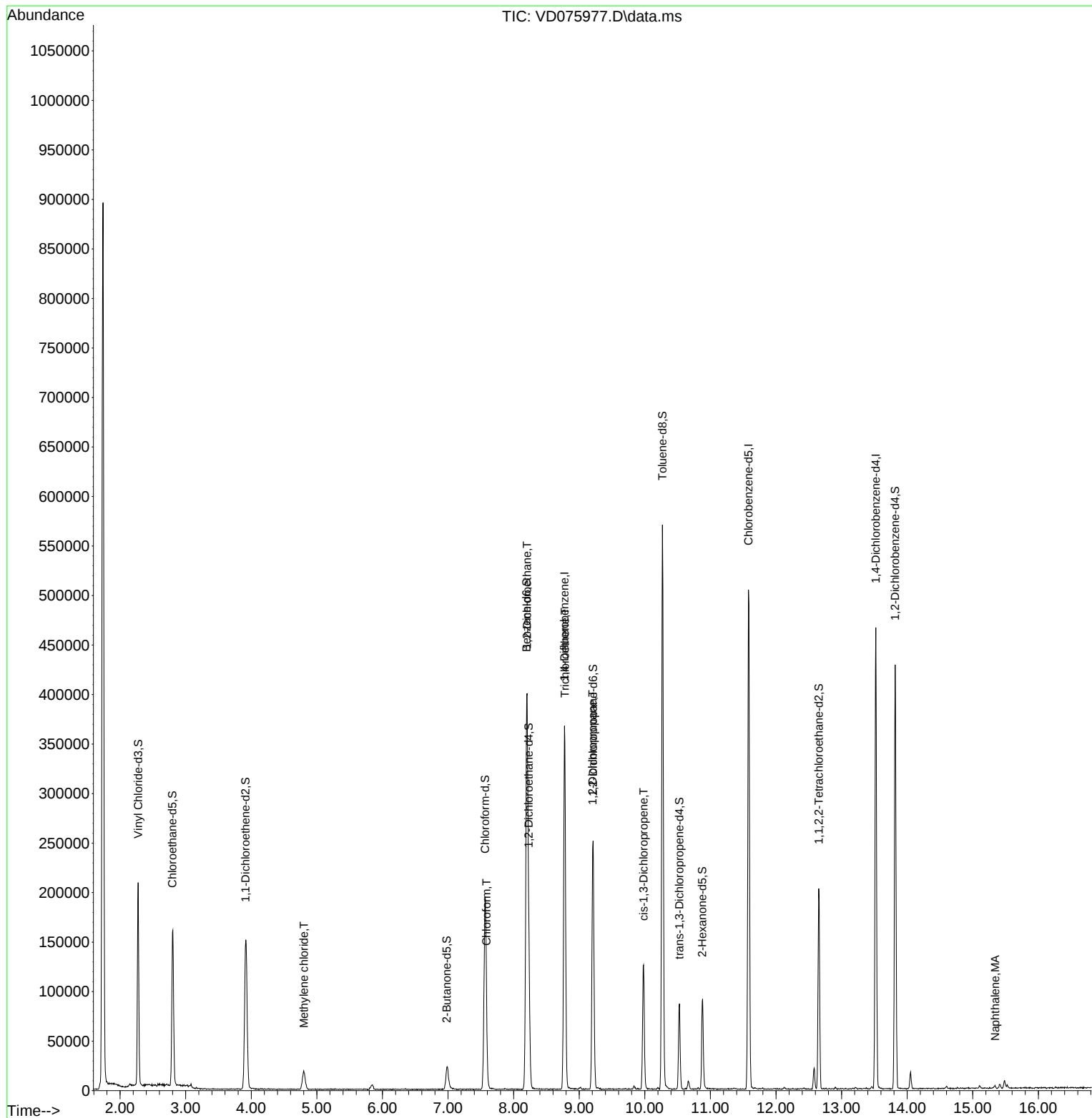
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	358411	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	330740	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	134611	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	190827	24.270	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.080%
7) Chloroethane-d5	2.799	69	172255	25.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.440%
11) 1,1-Dichloroethene-d2	3.911	65	43363	23.922	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.680%
21) 2-Butanone-d5	6.981	46	38720	56.727	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.460%
24) Chloroform-d	7.563	84	215715	24.068	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.280%
26) 1,2-Dichloroethane-d4	8.228	65	99362	25.960	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.840%
32) Benzene-d6	8.199	84	460830	23.906	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.640%
36) 1,2-Dichloropropane-d6	9.210	67	134680	25.241	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	10.269	98	417795	23.150	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	10.528	79	50873	23.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.280%
47) 2-Hexanone-d5	10.875	63	32860	51.148	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.300%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	104762	25.658	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	125238	26.303	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.200%
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	15741	2.165	ug/L	95
25) Chloroform	7.587	83	5473	0.631	ug/L	95
27) 1,2-Dichloroethane	8.205	62	1350	0.301	ug/L #	68
34) Trichloroethene	8.781	95	8452	1.634	ug/L #	2
37) 1,2-Dichloropropane	9.205	63	13060	2.842	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3544	0.485	ug/L	95
71) Naphthalene	15.340	128	3132	0.361	ug/L #	94

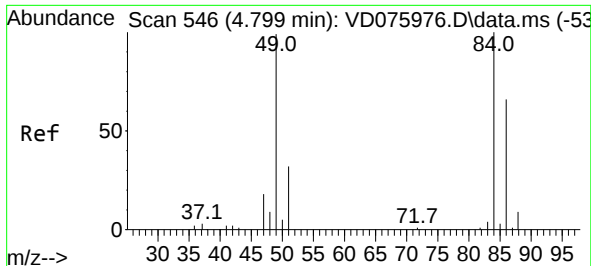
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 04 03:07:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 04 02:54:49 2023
Response via : Initial Calibration

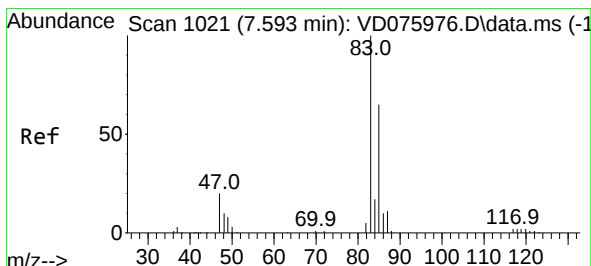
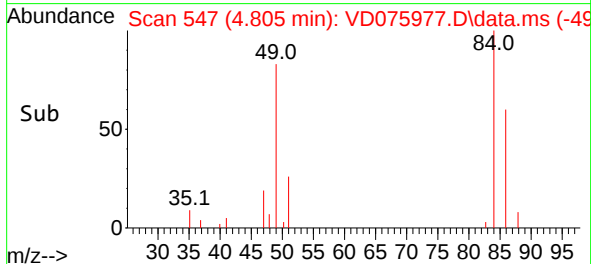
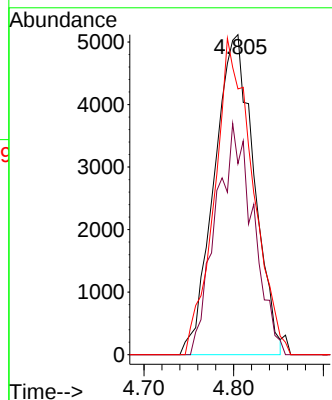
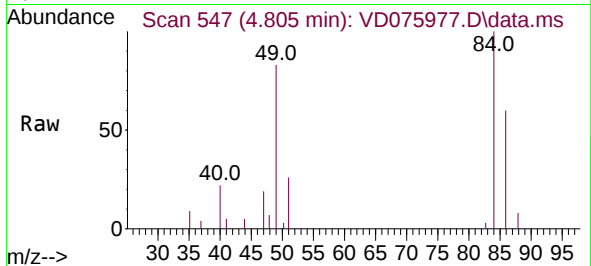




#16
Methylene chloride
Concen: 2.165 ug/L
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD075977.D
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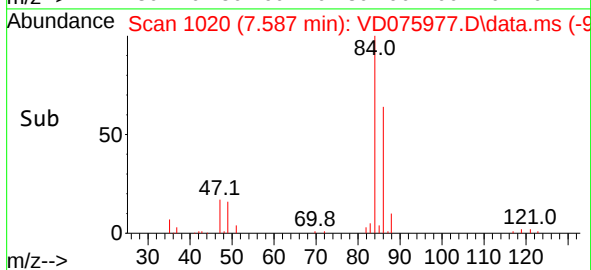
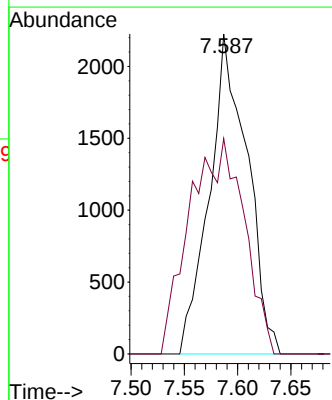
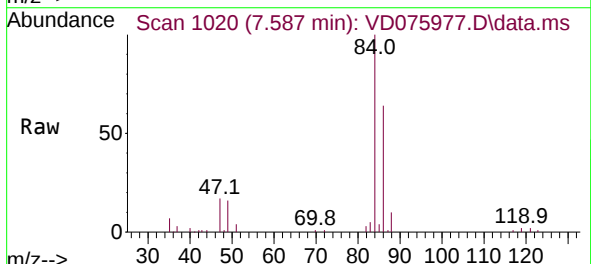
Instrument :
MSVOA_D
ClientSampleId :

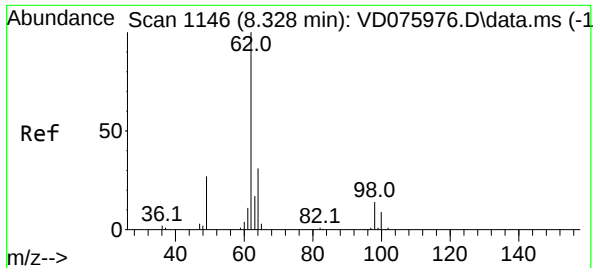
Tgt Ion: 84 Resp: 15741
Ion Ratio Lower Upper
84 100
86 59.7 45.8 85.2
49 83.1 60.8 112.8



#25
Chloroform
Concen: 0.631 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.006 min
Lab File: VD075977.D
Acq: 03 May 2023 11:15

Tgt Ion: 83 Resp: 5473
Ion Ratio Lower Upper
83 100
85 67.3 44.4 82.5

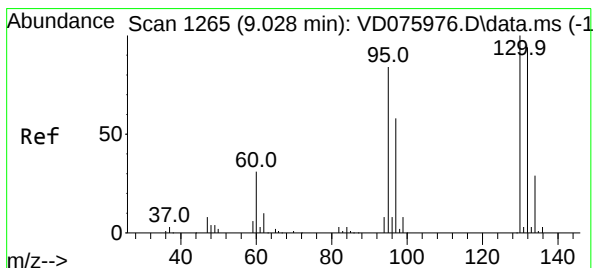
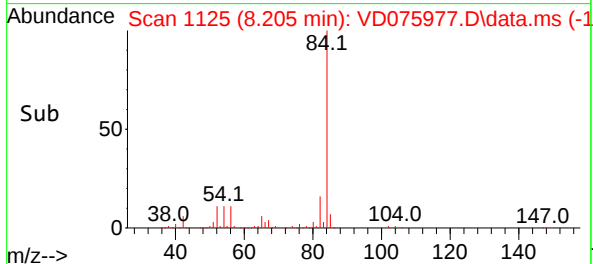
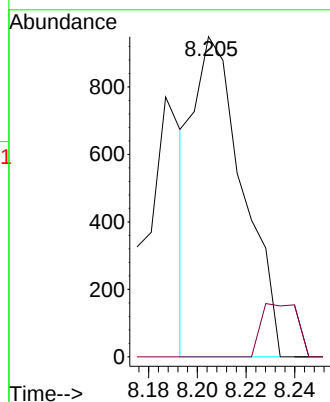
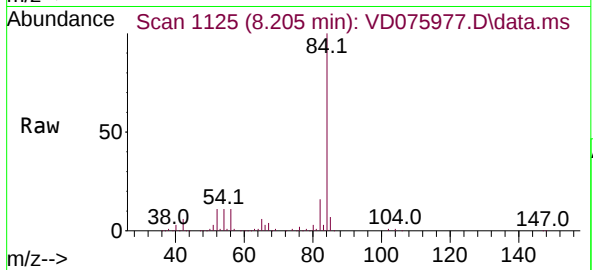




#27
1,2-Dichloroethane
Concen: 0.301 ug/L
RT: 8.205 min Scan# 1125
Delta R.T. -0.124 min
Lab File: VD075977.D
Acq: 03 May 2023 11:15

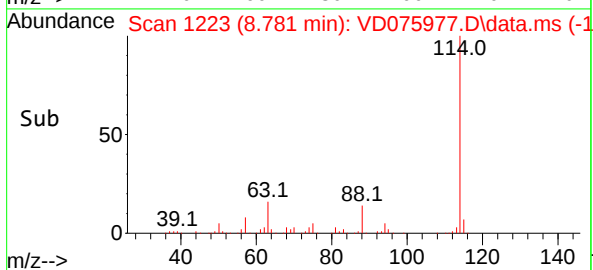
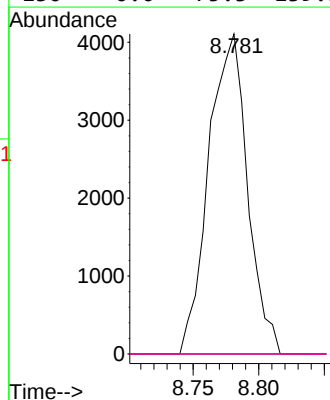
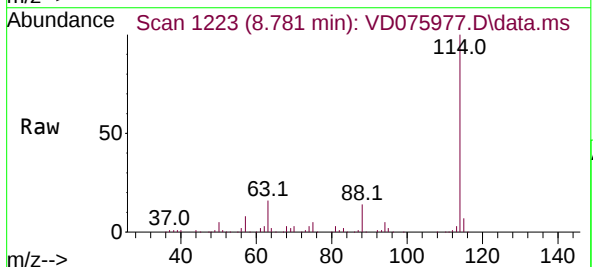
Instrument :
MSVOA_D
ClientSampleId :

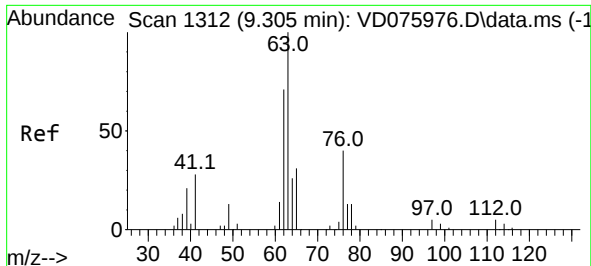
Tgt Ion: 62 Resp: 1350
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#



#34
Trichloroethene
Concen: 1.634 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD075977.D
Acq: 03 May 2023 11:15

Tgt Ion: 95 Resp: 8452
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#





#37

1,2-Dichloropropane

Concen: 2.842 ug/L

RT: 9.205 min Scan# 11

Delta R.T. -0.100 min

Lab File: VD075977.D

Acq: 03 May 2023 11:15

Instrument :

MSVOA_D

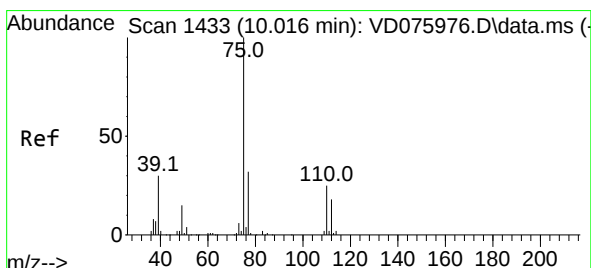
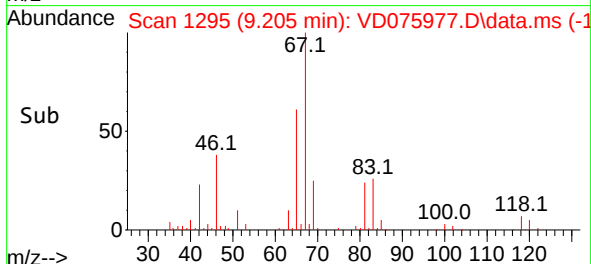
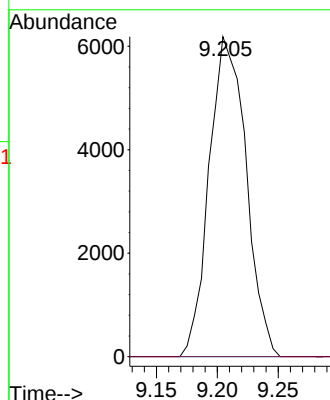
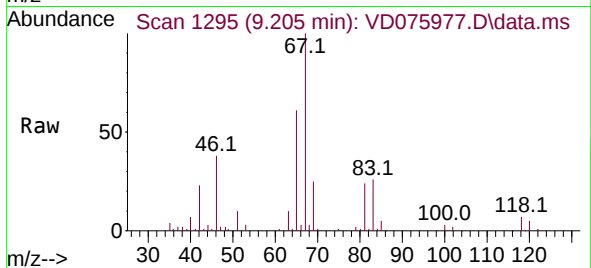
ClientSampleId :

Tgt Ion: 63 Resp: 13060

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.485 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD075977.D

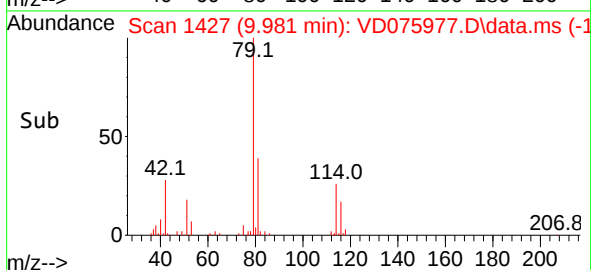
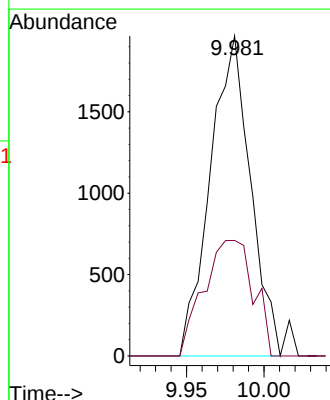
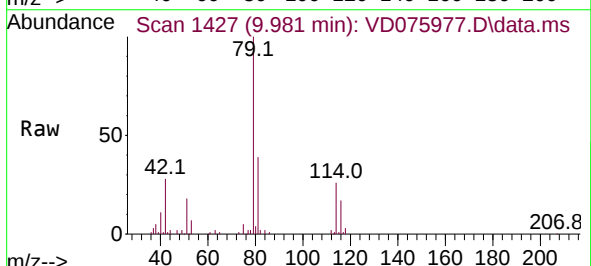
Acq: 03 May 2023 11:15

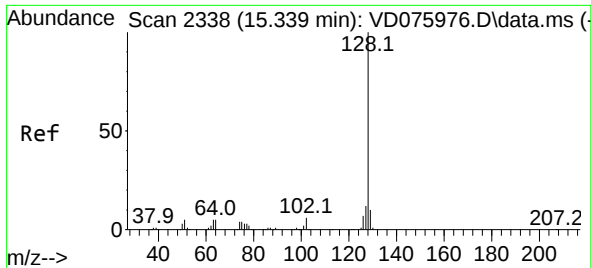
Tgt Ion: 75 Resp: 3544

Ion Ratio Lower Upper

75 100

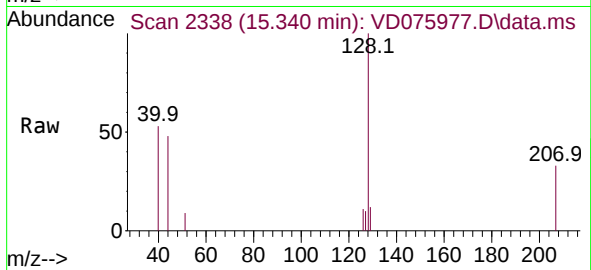
77 36.1 23.4 43.6





#71
Naphthalene
Concen: 0.361 ug/L
RT: 15.340 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075977.D
Acq: 03 May 2023 11:15

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	3132
Ion	Ratio	Lower	Upper
128	100		
127	9.7	10.5	15.7#
129	10.4	9.1	13.7

