

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120423\
 Data File : VD077742.D
 Acq On : 04 Dec 2023 14:32
 Operator : JC/SY
 Sample : 04929-17RE
 Misc : 5.06G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 05 00:07:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 05 00:04:05 2023
 Response via : Initial Calibration

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

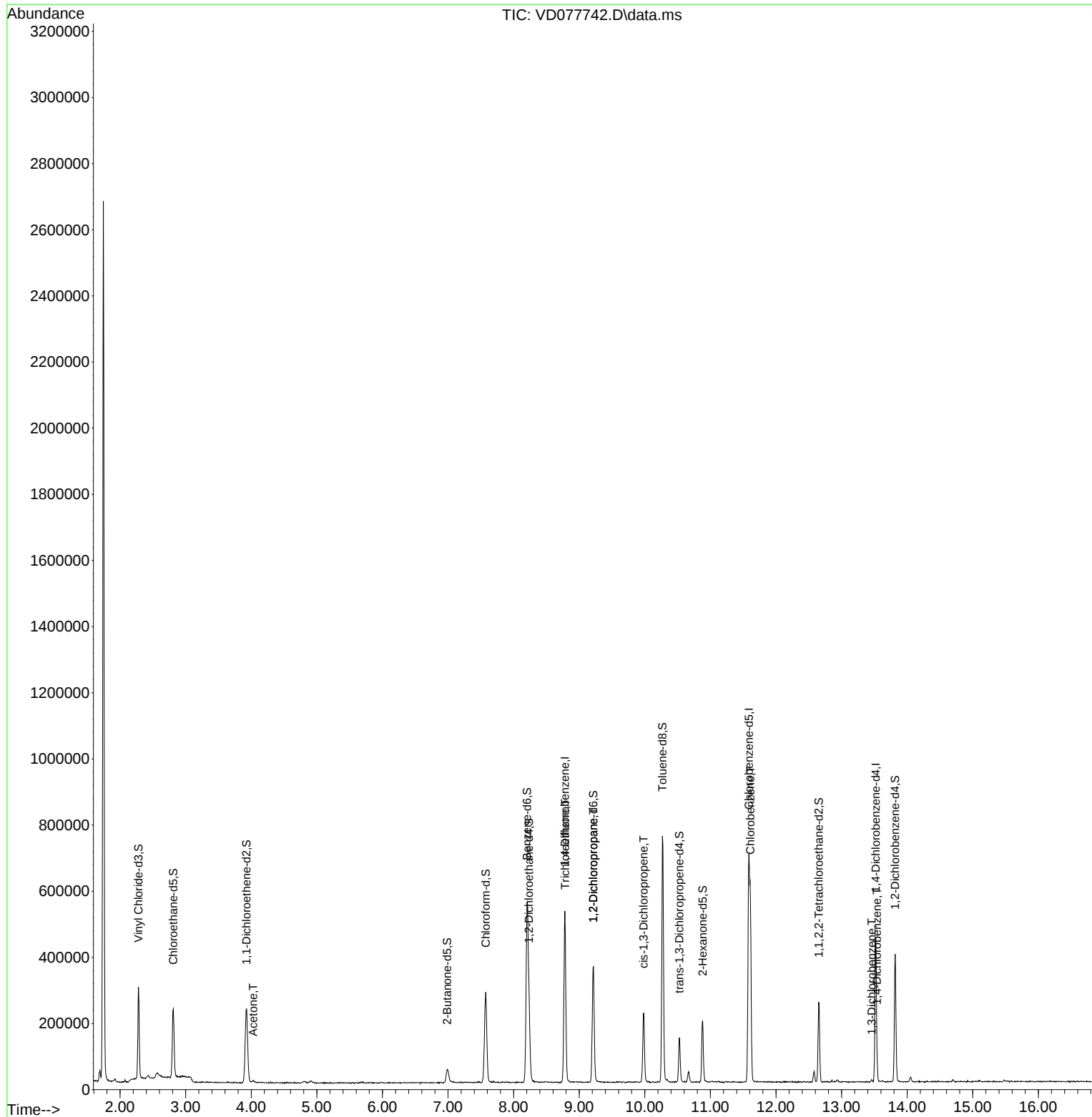
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	448765	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	372913	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	117878	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	253828	20.741	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.960%
7) Chloroethane-d5	2.811	69	218147	22.364	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.440%
11) 1,1-Dichloroethene-d2	3.928	65	67035	21.126	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.520%
21) 2-Butanone-d5	6.987	46	70708	45.715	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.440%
24) Chloroform-d	7.575	84	281223	23.251	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	8.234	65	148129	24.172	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.680%
32) Benzene-d6	8.205	84	582103	25.918	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.680%
36) 1,2-Dichloropropane-d6	9.216	67	182227	26.592	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.360%
41) Toluene-d8	10.269	98	512941	24.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.240%
43) trans-1,3-Dichloroprop...	10.528	79	74536	24.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.400%
47) 2-Hexanone-d5	10.881	63	68571	58.070	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.140%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	124768	25.196	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	103557	24.557	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.240%
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	7011	3.538	ug/L	70
34) Trichloroethene	8.787	95	12601	2.091	ug/L #	5
37) 1,2-Dichloropropane	9.216	63	19371	3.061	ug/L #	87
39) cis-1,3-Dichloropropene	9.981	75	5594	0.566	ug/L #	45
51) Chlorobenzene	11.610	112	280283	17.533	ug/L	96
64) 1,3-Dichlorobenzene	13.457	146	2666	0.350	ug/L #	87
65) 1,4-Dichlorobenzene	13.540	146	8574	1.086	ug/L	94

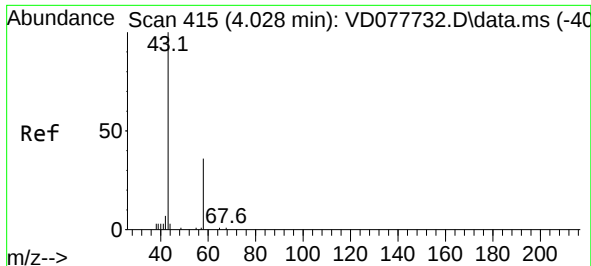
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Dec 05 00:04:05 2023
Response via : Initial Calibration





#13

Acetone

Concen: 3.538 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.000 min

Lab File: VD077742.D

Acq: 04 Dec 2023 14:32

Instrument :

MSVOA_D

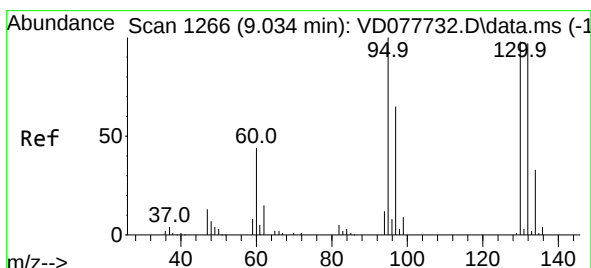
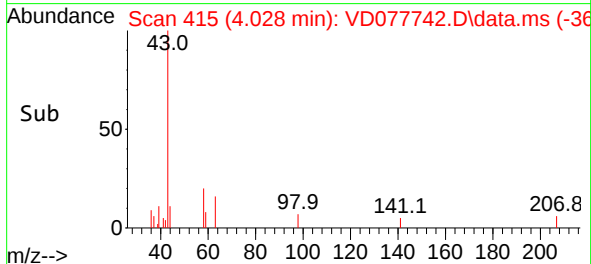
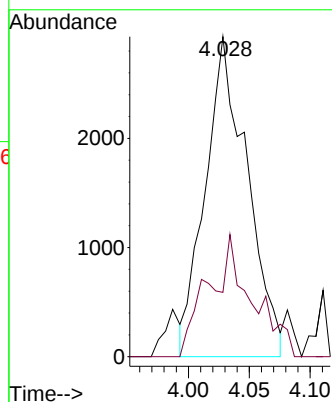
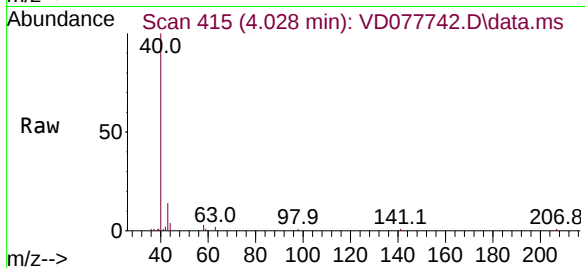
ClientSampleId :

Tgt Ion: 43 Resp: 7011

Ion Ratio Lower Upper

43 100

58 16.4 0.0 67.2



#34

Trichloroethene

Concen: 2.091 ug/L

RT: 8.787 min Scan# 1224

Delta R.T. -0.247 min

Lab File: VD077742.D

Acq: 04 Dec 2023 14:32

Tgt Ion: 95 Resp: 12601

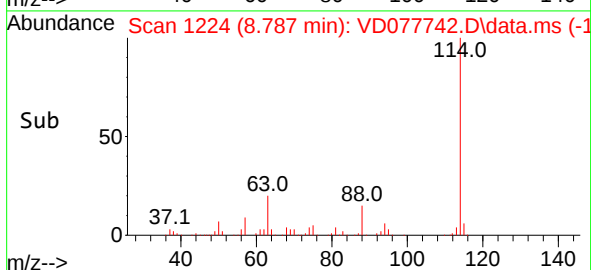
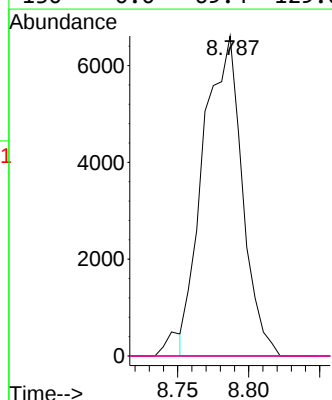
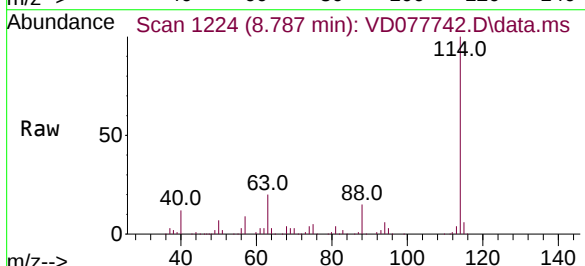
Ion Ratio Lower Upper

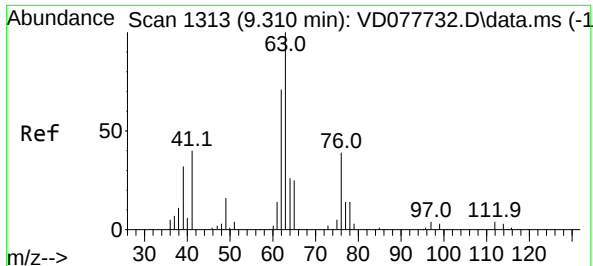
95 100

97 0.0 44.2 82.0#

132 0.0 67.5 125.3#

130 0.0 69.4 129.0#

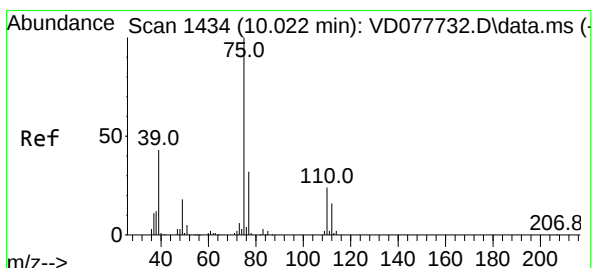
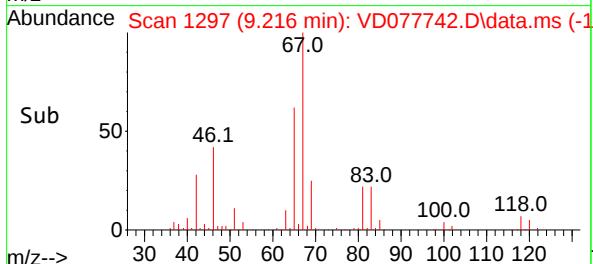
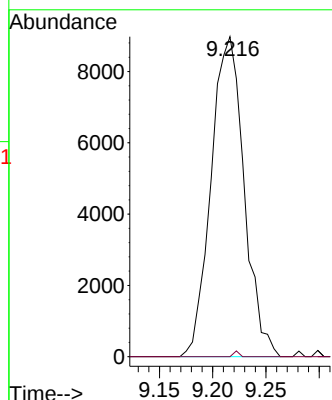
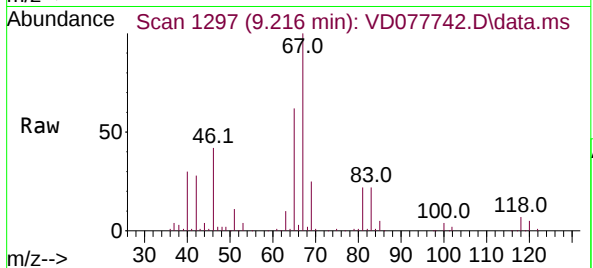




#37
1,2-Dichloropropane
Concen: 3.061 ug/L
RT: 9.216 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD077742.D
Acq: 04 Dec 2023 14:32

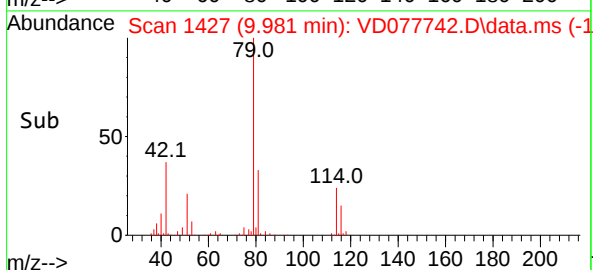
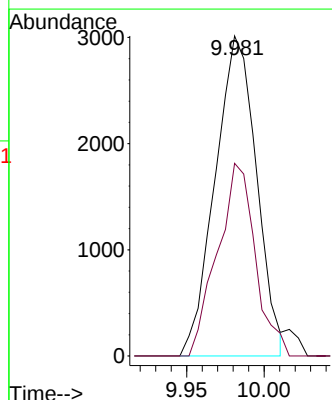
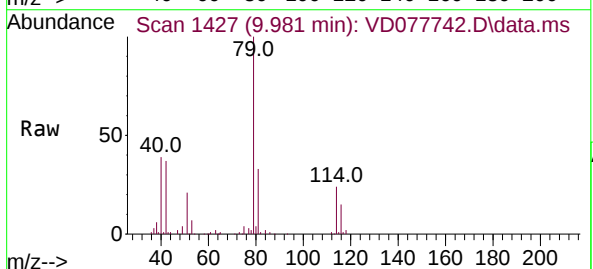
Instrument :
MSVOA_D
ClientSampleId :

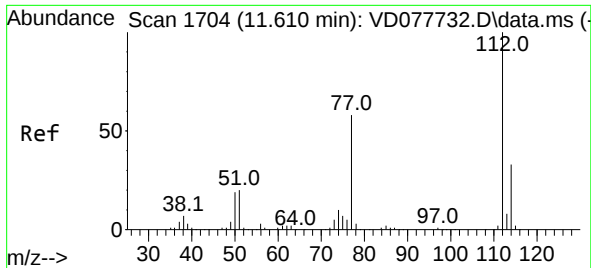
Tgt Ion: 63 Resp: 19371
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.566 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.041 min
Lab File: VD077742.D
Acq: 04 Dec 2023 14:32

Tgt Ion: 75 Resp: 5594
Ion Ratio Lower Upper
75 100
77 60.2 21.2 39.4#

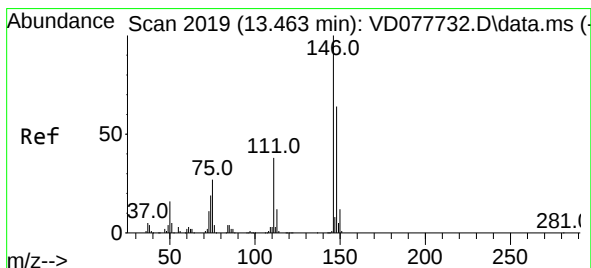
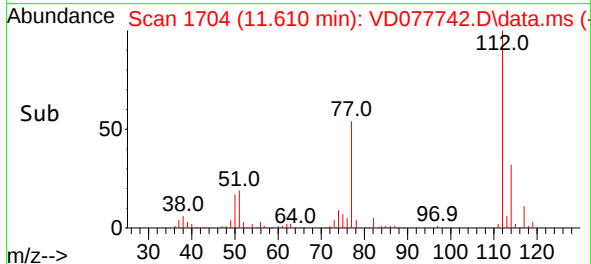
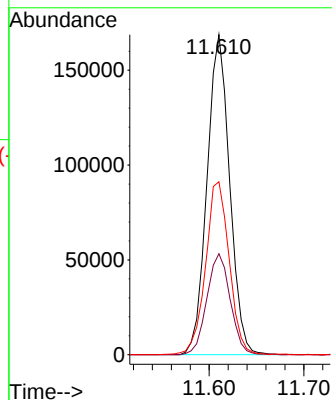
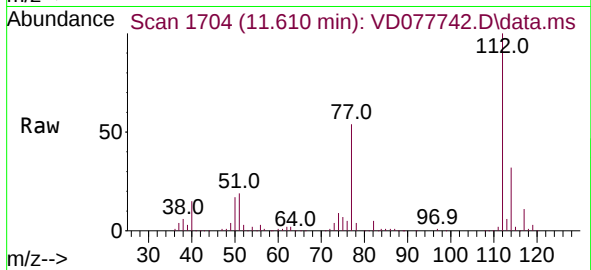




#51
Chlorobenzene
Concen: 17.533 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077742.D
Acq: 04 Dec 2023 14:32

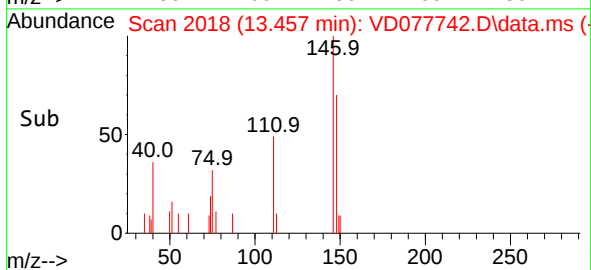
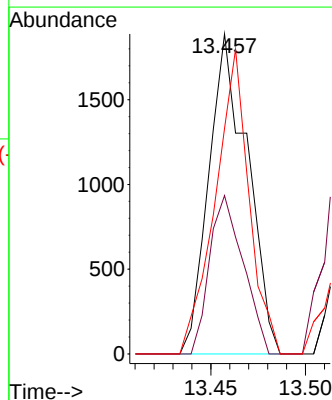
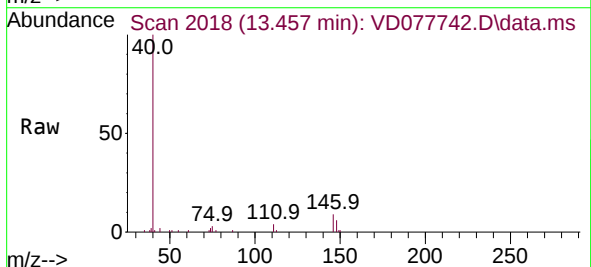
Instrument :
MSVOA_D
ClientSampleId :

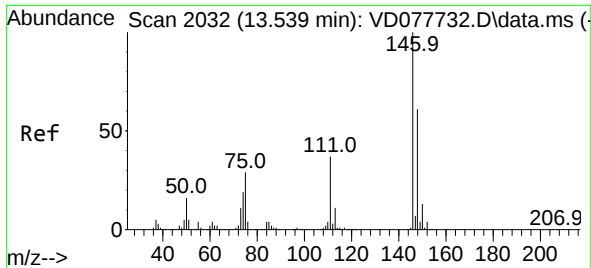
Tgt Ion:112 Resp: 280283
Ion Ratio Lower Upper
112 100
114 31.6 22.5 41.9
77 54.1 46.4 69.6



#64
1,3-Dichlorobenzene
Concen: 0.350 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD077742.D
Acq: 04 Dec 2023 14:32

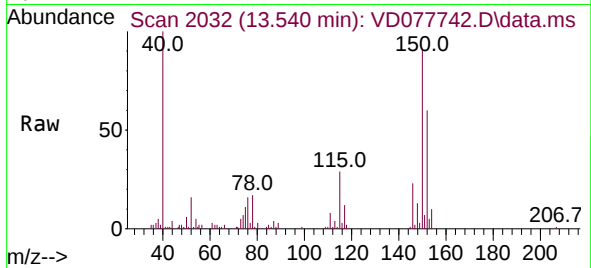
Tgt Ion:146 Resp: 2666
Ion Ratio Lower Upper
146 100
111 49.5 26.6 49.4#
148 70.4 44.0 81.6





#65
 1,4-Dichlorobenzene
 Concen: 1.086 ug/L
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077742.D
 Acq: 04 Dec 2023 14:32

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	146	Resp:	8574
Ion	Ratio	Lower	Upper
146	100		
111	33.9	26.4	49.0
148	58.1	44.0	81.8

