

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120523\
 Data File : VD077751.D
 Acq On : 05 Dec 2023 14:07
 Operator : JC/SY
 Sample : 05625-02RE
 Misc : 3.51G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 00:25:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

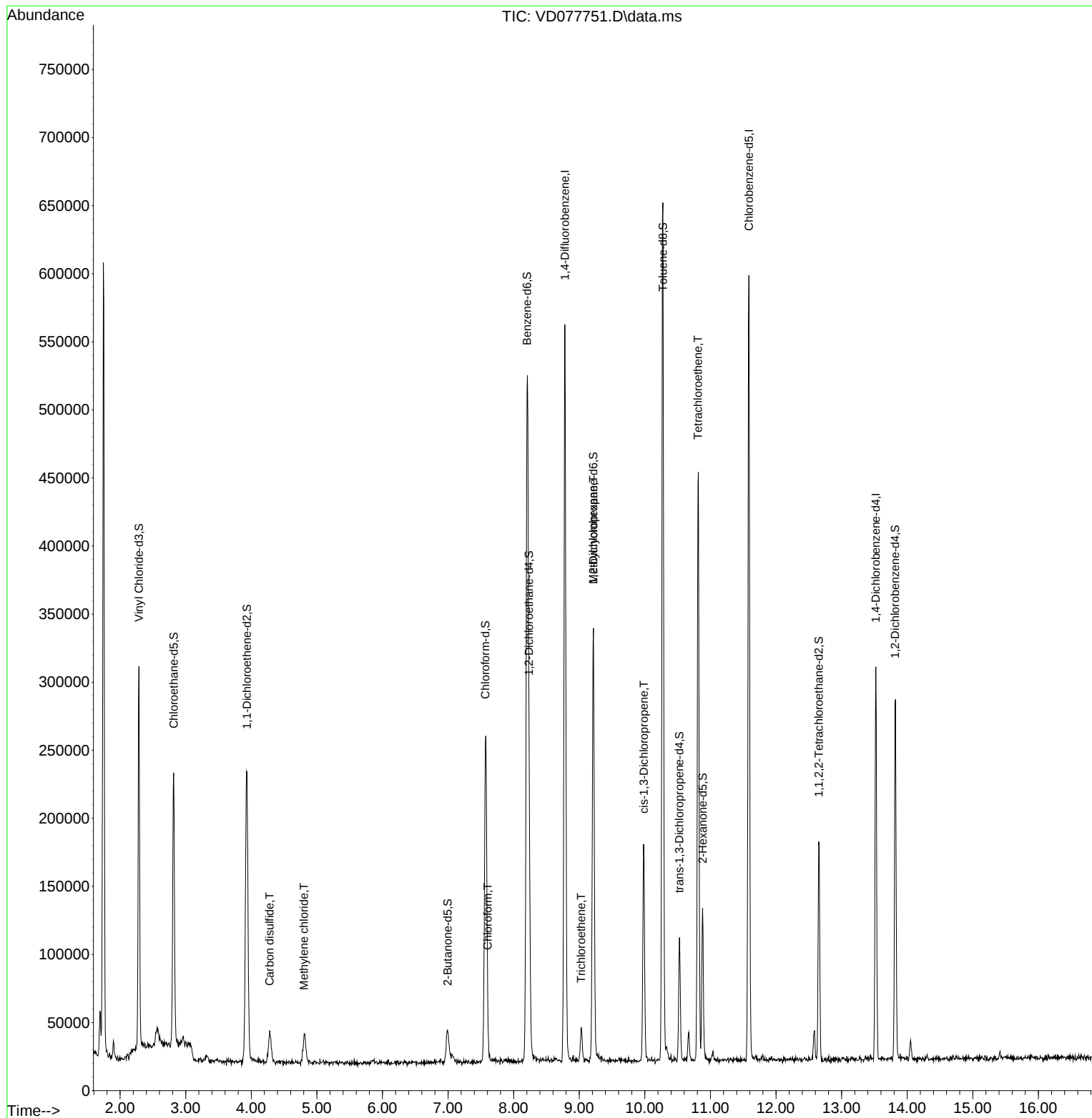
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	473063	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	333560	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	79081	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.287	65	254659	19.740	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.960%
7) Chloroethane-d5	2.816	69	206707	20.102	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	3.934	65	65738	19.653	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.600%
21) 2-Butanone-d5	6.993	46	43284	26.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.100%
24) Chloroform-d	7.569	84	254122	19.931	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.720%
26) 1,2-Dichloroethane-d4	8.234	65	116687	18.063	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	72.240%
32) Benzene-d6	8.204	84	554841	27.619	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.480%
36) 1,2-Dichloropropane-d6	9.216	67	160895	26.249	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.000%
41) Toluene-d8	10.275	98	450638	24.371	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.480%
43) trans-1,3-Dichloroprop...	10.528	79	53215	19.633	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.520%
47) 2-Hexanone-d5	10.881	63	37828	35.814	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.620%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84579	19.095	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.400%
66) 1,2-Dichlorobenzene-d4	13.816	152	71985	25.445	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.760%
Target Compounds						Qvalue
14) Carbon disulfide	4.281	76	46403	2.035	ug/L	98
16) Methylene chloride	4.805	84	15395	1.833	ug/L	90
25) Chloroform	7.604	83	5394	0.433	ug/L	80
34) Trichloroethene	9.028	95	7853	1.457	ug/L	91
35) Methylcyclohexane	9.216	83	35277	3.687	ug/L #	20
39) cis-1,3-Dichloropropene	9.987	75	4488	0.508	ug/L	89
46) Tetrachloroethene	10.810	164	101379	23.329	ug/L	97

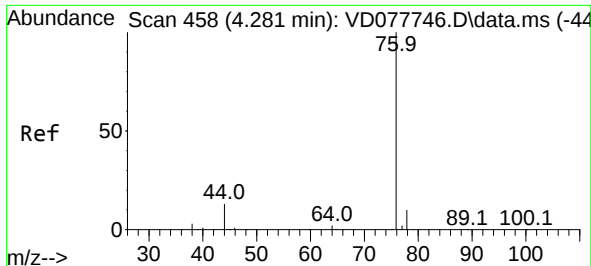
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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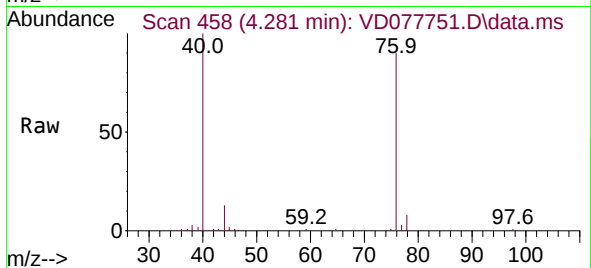
Quant Time: Dec 06 00:25:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
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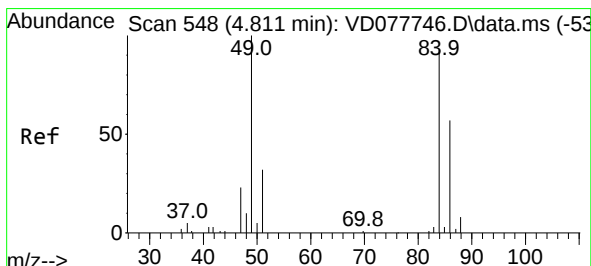
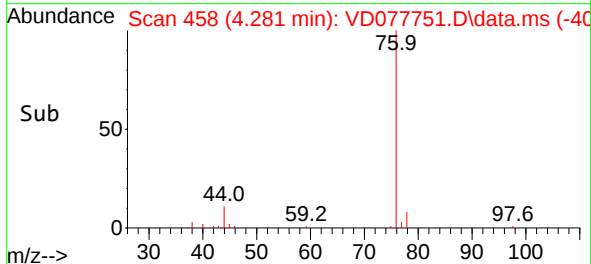
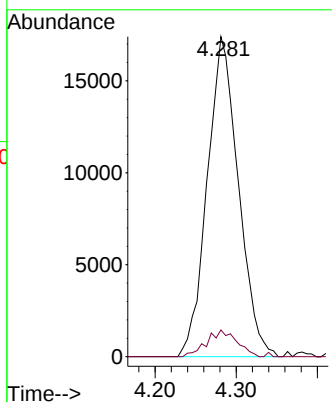


#14
Carbon disulfide
Concen: 2.035 ug/L
RT: 4.281 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD077751.D
Acq: 05 Dec 2023 14:07

Instrument :
MSVOA_D
ClientSampleId :

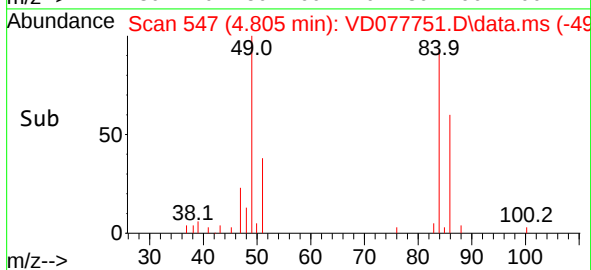
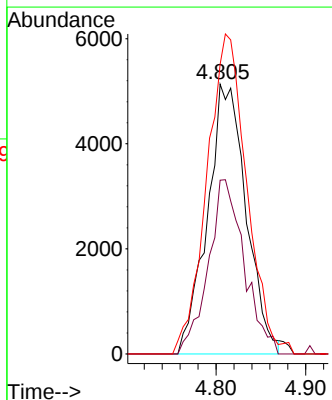
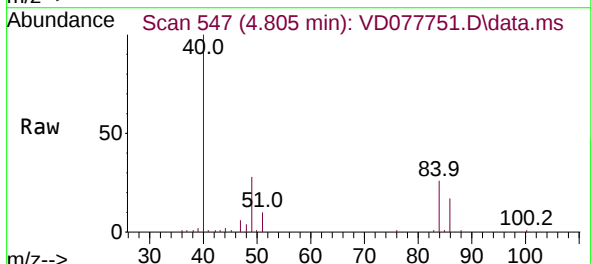


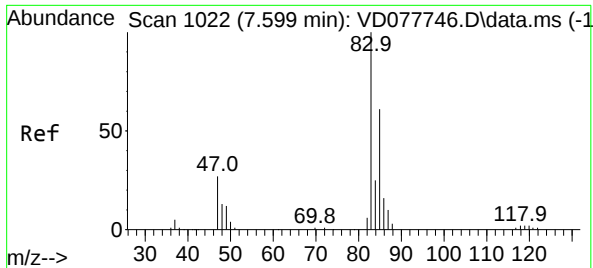
Tgt Ion: 76 Resp: 46403
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8



#16
Methylene chloride
Concen: 1.833 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD077751.D
Acq: 05 Dec 2023 14:07

Tgt Ion: 84 Resp: 15395
Ion Ratio Lower Upper
84 100
86 64.4 40.1 74.5
49 107.3 83.2 154.6





#25

Chloroform

Concen: 0.433 ug/L

RT: 7.604 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077751.D

Acq: 05 Dec 2023 14:07

Instrument :

MSVOA_D

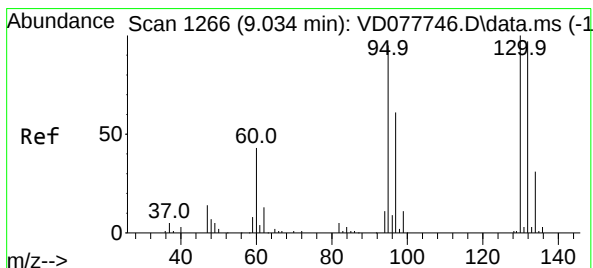
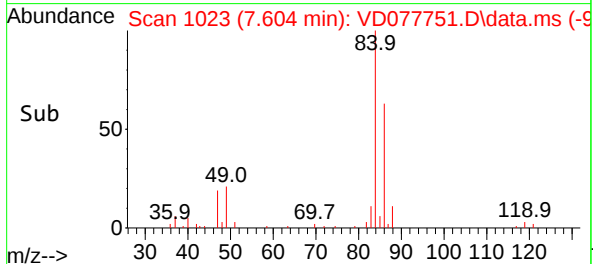
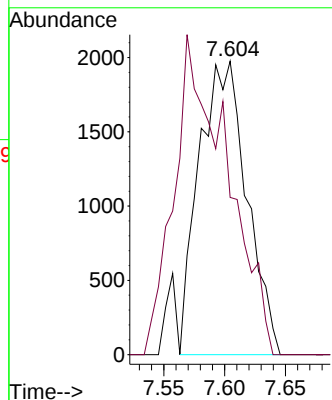
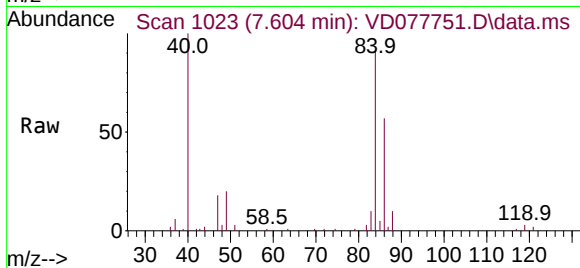
ClientSampleId :

Tgt Ion: 83 Resp: 5394

Ion Ratio Lower Upper

83 100

85 53.6 48.9 90.9



#34

Trichloroethene

Concen: 1.457 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.006 min

Lab File: VD077751.D

Acq: 05 Dec 2023 14:07

Tgt Ion: 95 Resp: 7853

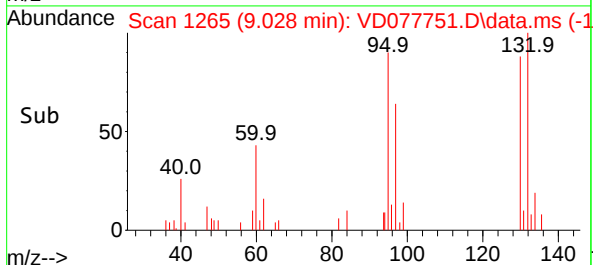
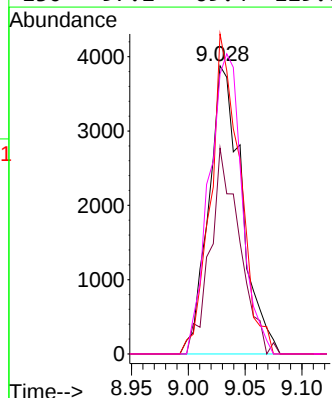
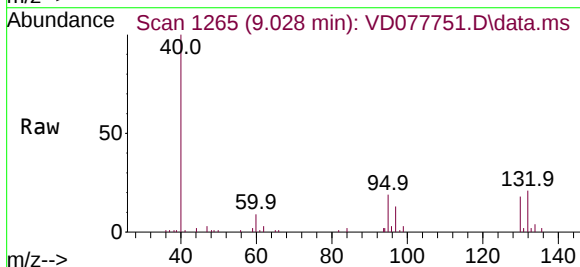
Ion Ratio Lower Upper

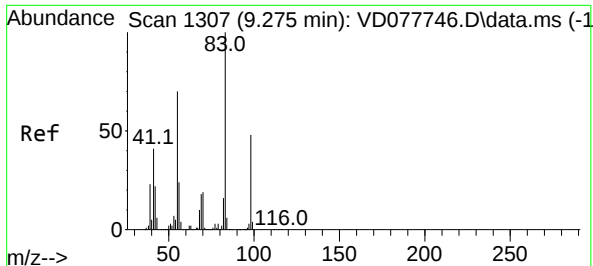
95 100

97 71.4 44.2 82.0

132 111.1 67.5 125.3

130 97.2 69.4 129.0





#35

Methylcyclohexane

Concen: 3.687 ug/L

RT: 9.216 min Scan# 11

Delta R.T. -0.059 min

Lab File: VD077751.D

Acq: 05 Dec 2023 14:07

Instrument :

MSVOA_D

ClientSampleId :

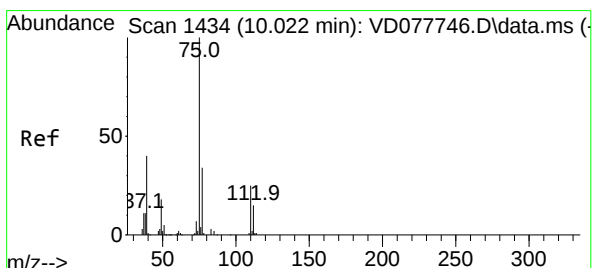
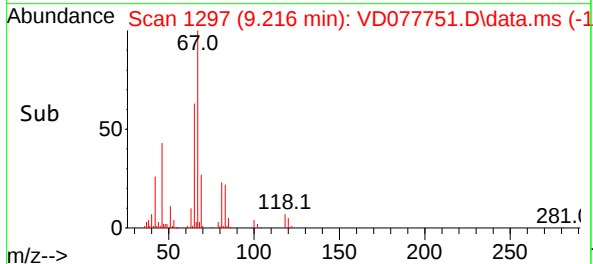
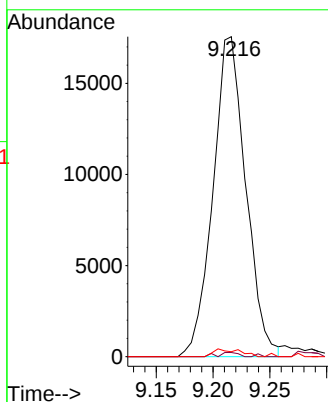
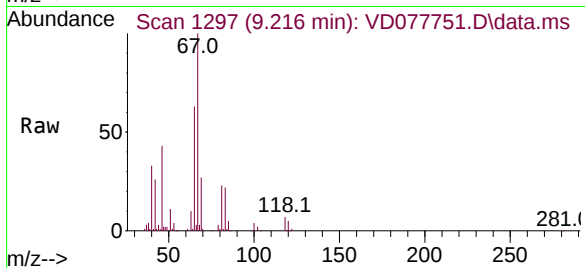
Tgt Ion: 83 Resp: 35277

Ion Ratio Lower Upper

83 100

55 0.6 59.8 89.6#

98 0.7 38.5 57.7#



#39

cis-1,3-Dichloropropene

Concen: 0.508 ug/L

RT: 9.987 min Scan# 1428

Delta R.T. -0.035 min

Lab File: VD077751.D

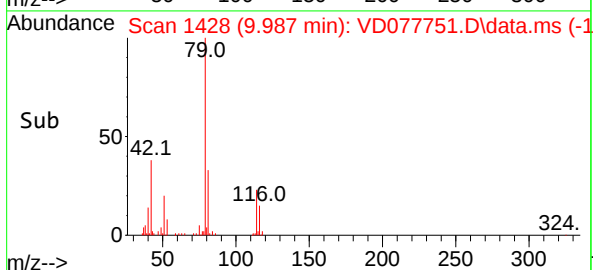
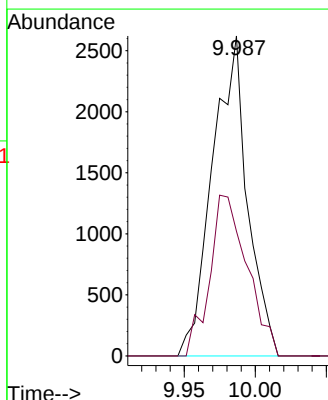
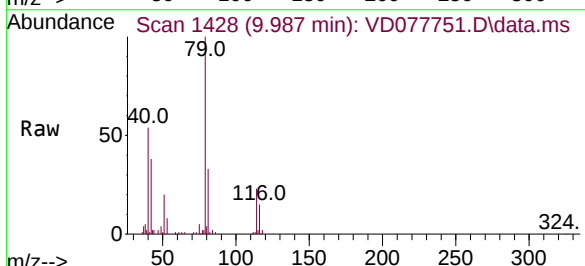
Acq: 05 Dec 2023 14:07

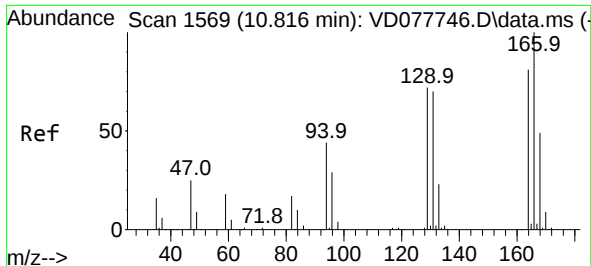
Tgt Ion: 75 Resp: 4488

Ion Ratio Lower Upper

75 100

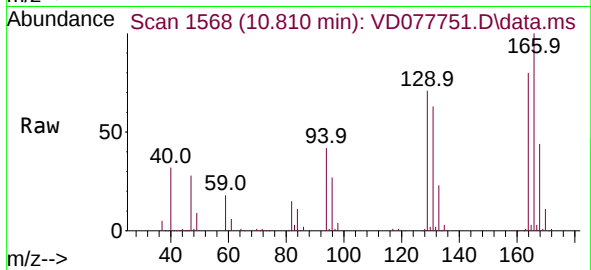
77 36.5 21.2 39.4





#46
 Tetrachloroethene
 Concen: 23.329 ug/L
 RT: 10.810 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VD077751.D
 Acq: 05 Dec 2023 14:07

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:164 Resp: 101379

Ion	Ratio	Lower	Upper
164	100		
129	89.4	61.5	114.3
131	79.4	59.1	109.9
166	125.4	85.4	158.6

