

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120523\
 Data File : VD077750.D
 Acq On : 05 Dec 2023 13:23
 Operator : JC/SY
 Sample : 05625-02
 Misc : 4.74G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 06 00:25:37 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)

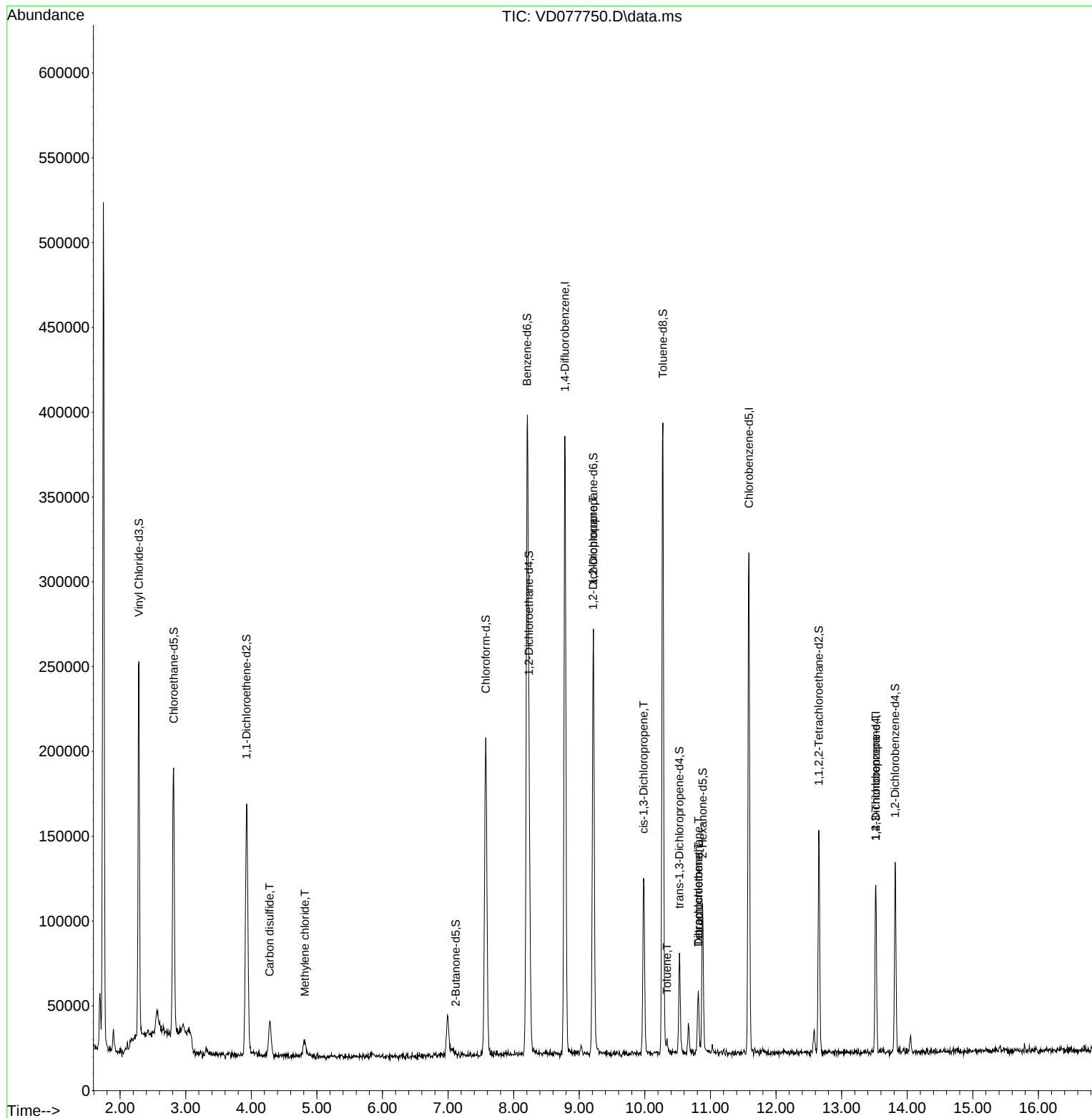
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	322526	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.586	117	173624	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	26312	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.287	65	202557	23.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.120%
7) Chloroethane-d5	2.816	69	167945	23.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.840%
11) 1,1-Dichloroethene-d2	3.928	65	42127	18.472	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.880%
21) 2-Butanone-d5	7.116	46	326	0.293	ug/L	0.13
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.580%#
24) Chloroform-d	7.575	84	197475	22.717	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.880%
26) 1,2-Dichloroethane-d4	8.234	65	94129	21.372	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.480%
32) Benzene-d6	8.204	84	401849	38.429	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	153.720%#
36) 1,2-Dichloropropane-d6	9.216	67	127329	39.908	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	159.640%#
41) Toluene-d8	10.275	98	262700	27.294	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.160%
43) trans-1,3-Dichloroprop...	10.528	79	32249	22.857	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.440%
47) 2-Hexanone-d5	10.880	63	30370	55.240	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.480%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	63898	27.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.840%
66) 1,2-Dichlorobenzene-d4	13.816	152	28302	30.067	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.280%#
Target Compounds						Qvalue
14) Carbon disulfide	4.281	76	42505	2.734	ug/L #	94
16) Methylene chloride	4.816	84	6195	1.082	ug/L	96
37) 1,2-Dichloropropane	9.210	63	12934	4.390	ug/L #	87
39) cis-1,3-Dichloropropene	9.980	75	2952	0.642	ug/L	91
42) Toluene	10.339	91	4538	0.378	ug/L	83
46) Tetrachloroethene	10.816	164	8844	3.910	ug/L	94
49) Dibromochloromethane	10.816	129	6808	2.893	ug/L #	12
61) 1,2,3-Trichloropropane	13.522	75	3356	6.934	ug/L #	66

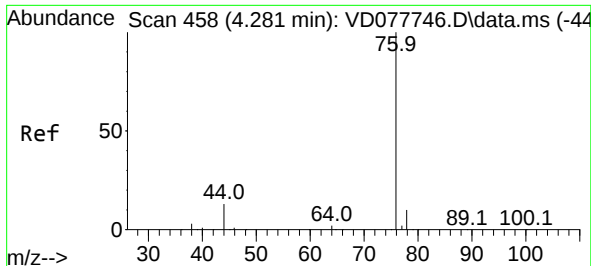
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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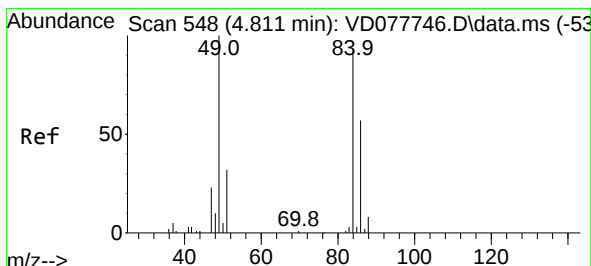
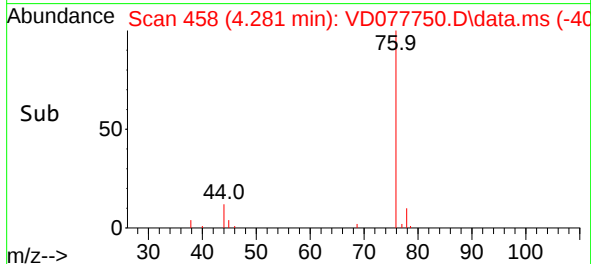
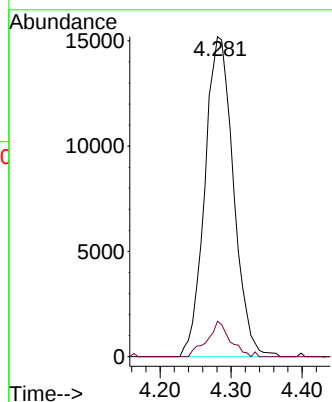
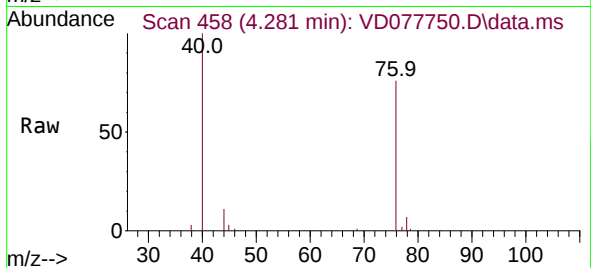




#14
Carbon disulfide
Concen: 2.734 ug/L
RT: 4.281 min Scan# 458
Delta R.T. -0.000 min
Lab File: VD077750.D
Acq: 05 Dec 2023 13:23

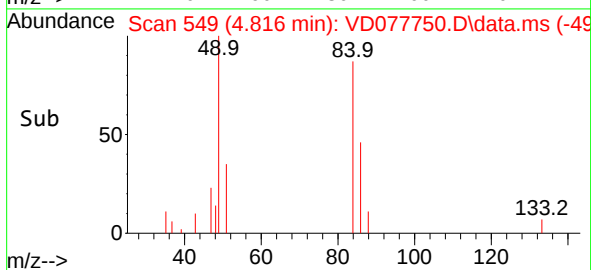
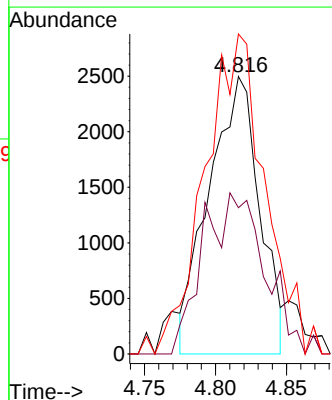
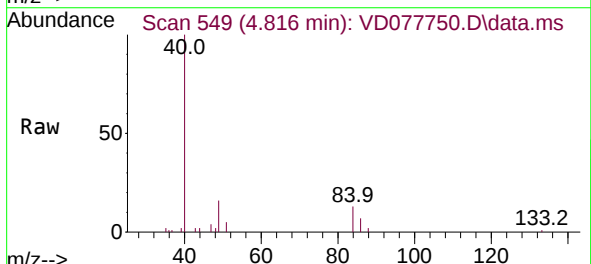
Instrument :
MSVOA_D
ClientSampleId :

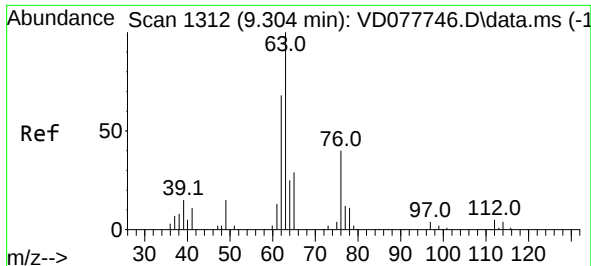
Tgt Ion: 76 Resp: 42505
Ion Ratio Lower Upper
76 100
78 11.1 7.2 10.8#



#16
Methylene chloride
Concen: 1.082 ug/L
RT: 4.816 min Scan# 549
Delta R.T. 0.005 min
Lab File: VD077750.D
Acq: 05 Dec 2023 13:23

Tgt Ion: 84 Resp: 6195
Ion Ratio Lower Upper
84 100
86 52.7 40.1 74.5
49 115.3 83.2 154.6





#37

1,2-Dichloropropane

Concen: 4.390 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.095 min

Lab File: VD077750.D

Acq: 05 Dec 2023 13:23

Instrument :

MSVOA_D

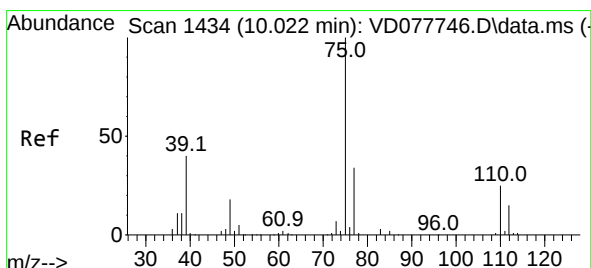
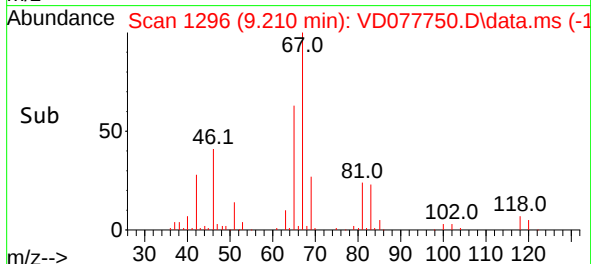
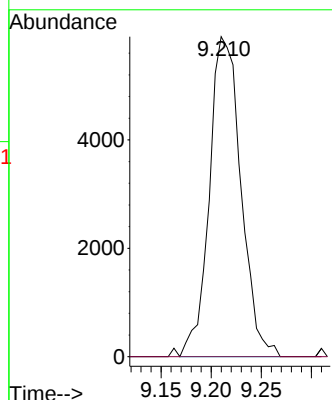
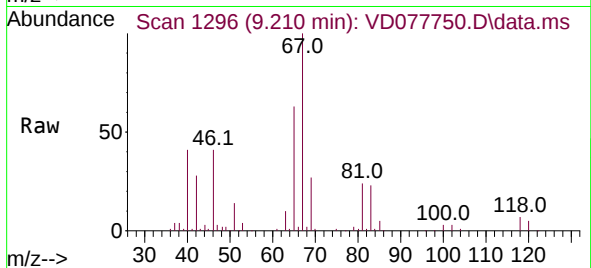
ClientSampleId :

Tgt Ion: 63 Resp: 12934

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.642 ug/L

RT: 9.980 min Scan# 1427

Delta R.T. -0.042 min

Lab File: VD077750.D

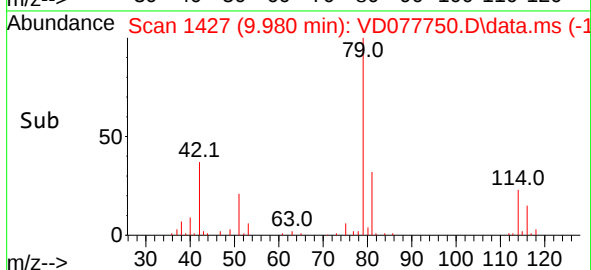
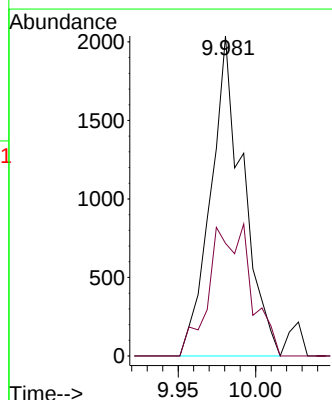
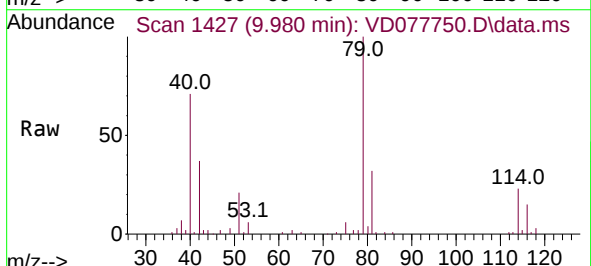
Acq: 05 Dec 2023 13:23

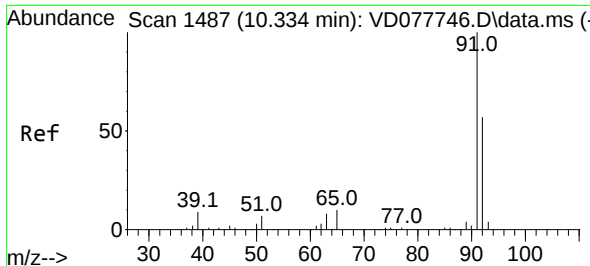
Tgt Ion: 75 Resp: 2952

Ion Ratio Lower Upper

75 100

77 35.2 21.2 39.4

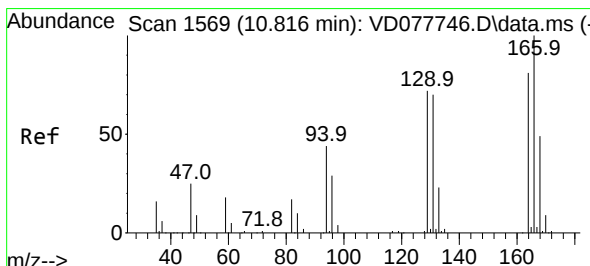
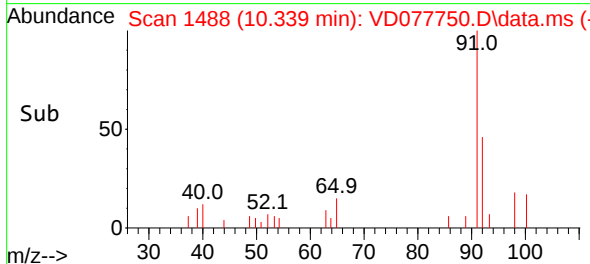
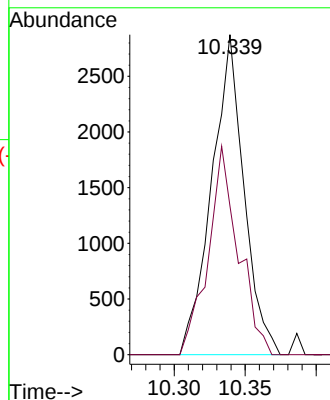
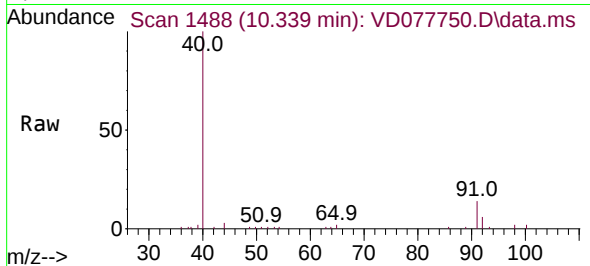




#42
Toluene
Concen: 0.378 ug/L
RT: 10.339 min Scan# 1488
Delta R.T. 0.005 min
Lab File: VD077750.D
Acq: 05 Dec 2023 13:23

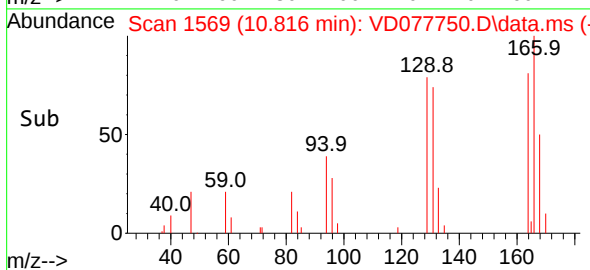
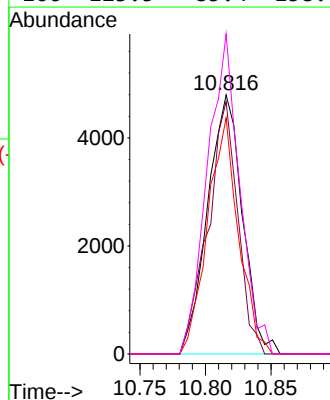
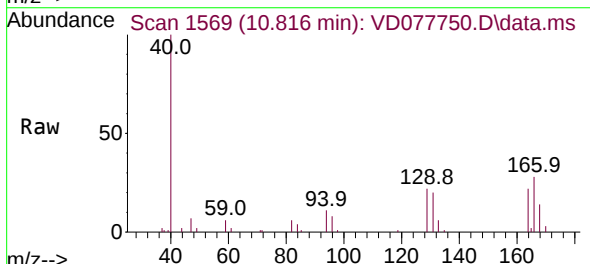
Instrument :
MSVOA_D
ClientSampleId :

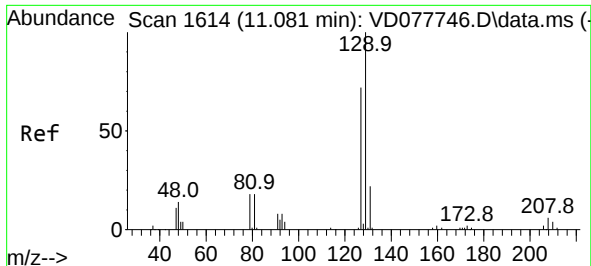
Tgt Ion: 91 Resp: 4538
Ion Ratio Lower Upper
91 100
92 46.5 41.6 77.3



#46
Tetrachloroethene
Concen: 3.910 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VD077750.D
Acq: 05 Dec 2023 13:23

Tgt Ion: 164 Resp: 8844
Ion Ratio Lower Upper
164 100
129 97.4 61.5 114.3
131 91.2 59.1 109.9
166 123.5 85.4 158.6

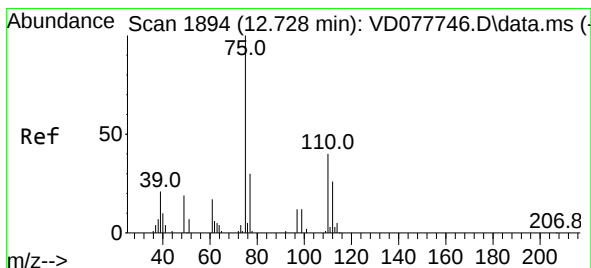
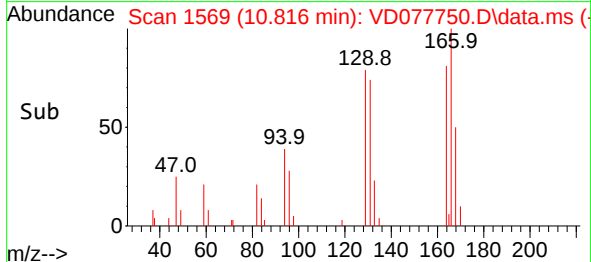
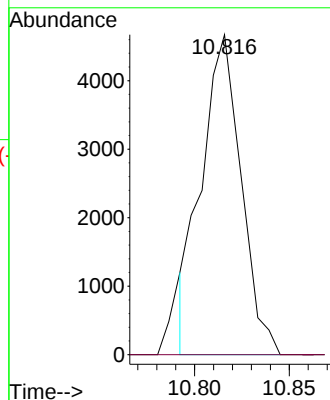
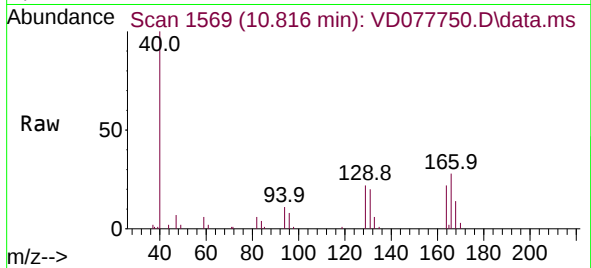




#49
Dibromochloromethane
Concen: 2.893 ug/L
RT: 10.816 min Scan# 11
Delta R.T. -0.265 min
Lab File: VD077750.D
Acq: 05 Dec 2023 13:23

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:129 Resp: 6808
Ion Ratio Lower Upper
129 100
127 0.0 52.8 98.2#



#61
1,2,3-Trichloropropane
Concen: 6.934 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.794 min
Lab File: VD077750.D
Acq: 05 Dec 2023 13:23

Tgt Ion: 75 Resp: 3356
Ion Ratio Lower Upper
75 100
77 33.1 26.8 40.2
110 3.5 33.4 50.2#

