

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120123\
 Data File : VD077724.D
 Acq On : 01 Dec 2023 15:20
 Operator : JC/SY
 Sample : 04929-13
 Misc : 3.68G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 04 03:11:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 04 03:09:24 2023
 Response via : Initial Calibration

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

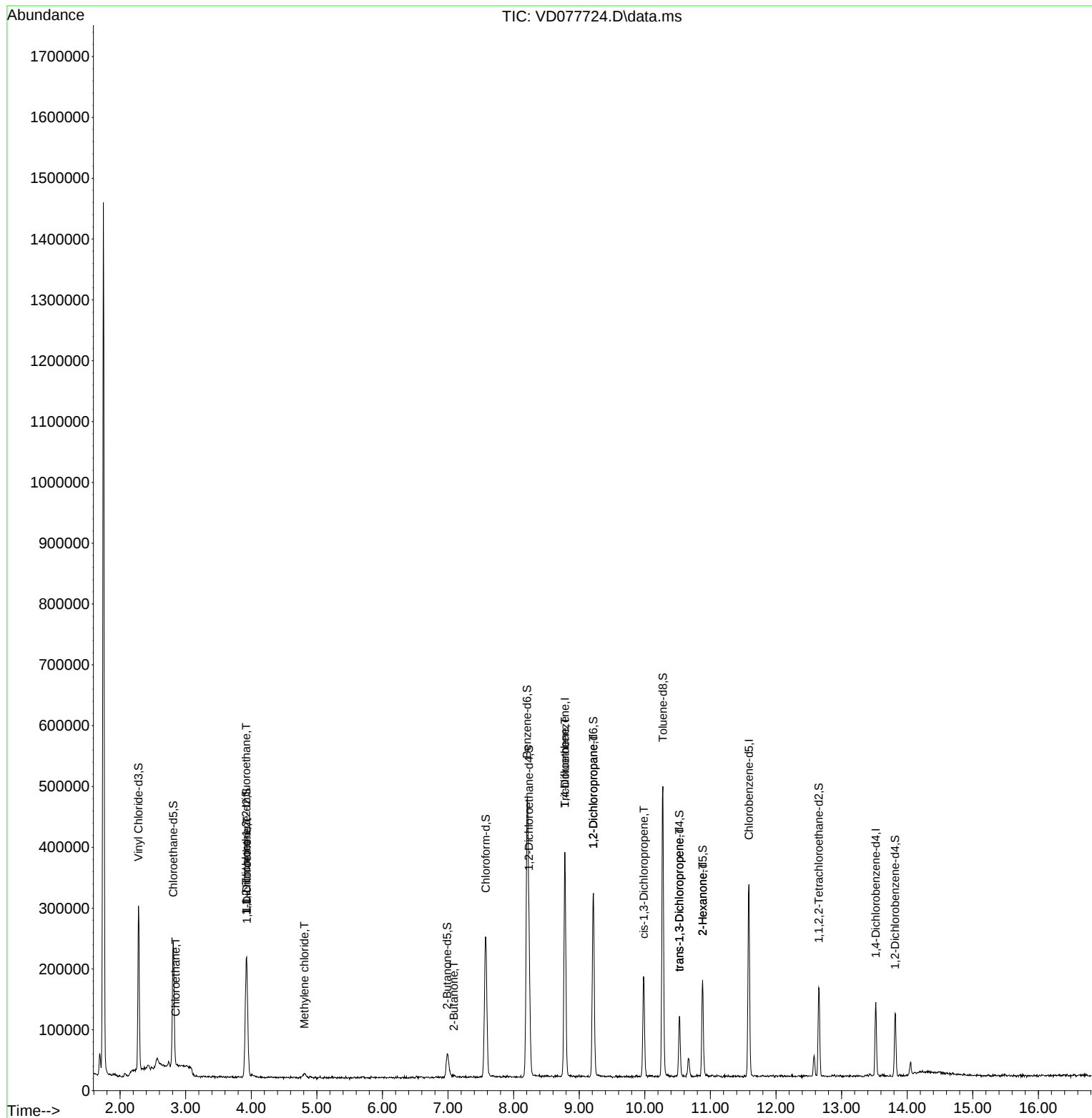
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	318289	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	180353	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	32445	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	252150	29.050	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.200%
7) Chloroethane-d5	2.811	69	214776	31.044	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.160%
11) 1,1-Dichloroethene-d2	3.928	65	58185	25.853	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.400%
21) 2-Butanone-d5	6.987	46	68523	62.463	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.920%
24) Chloroform-d	7.575	84	246104	28.689	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.760%
26) 1,2-Dichloroethane-d4	8.234	65	138422	31.848	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.400%
32) Benzene-d6	8.205	84	488941	45.014	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	180.040%#
36) 1,2-Dichloropropane-d6	9.216	67	155443	46.902	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	187.600%#
41) Toluene-d8	10.275	98	328494	32.856	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	131.440%#
43) trans-1,3-Dichloroprop...	10.528	79	57212	39.038	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	156.160%#
47) 2-Hexanone-d5	10.881	63	56350	98.671	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	197.340%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	77478	32.351	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.400%#
66) 1,2-Dichlorobenzene-d4	13.816	152	28898	24.897	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.600%
Target Compounds						Qvalue
8) Chloroethane	2.846	64	4481	0.790	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-...	3.922	101	957	0.209	ug/L #	21
12) 1,1-Dichloroethene	3.934	96	1744	0.403	ug/L #	1
16) Methylene chloride	4.811	84	4392	0.777	ug/L	94
22) 2-Butanone	7.087	43	1380	0.872	ug/L	87
34) Trichloroethene	8.781	95	8701	2.986	ug/L #	5
37) 1,2-Dichloropropane	9.216	63	16816	5.494	ug/L #	87
39) cis-1,3-Dichloropropene	9.987	75	4774	0.999	ug/L #	80
44) trans-1,3-Dichloropropene	10.528	75	2508	0.628	ug/L	94
48) 2-Hexanone	10.881	43	6871	4.786	ug/L #	65

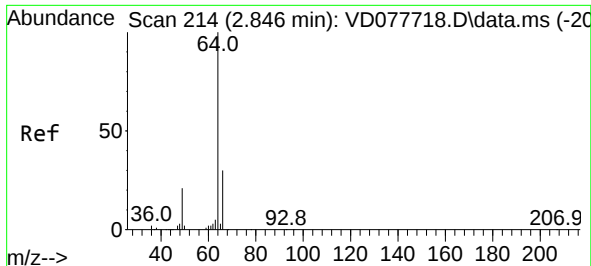
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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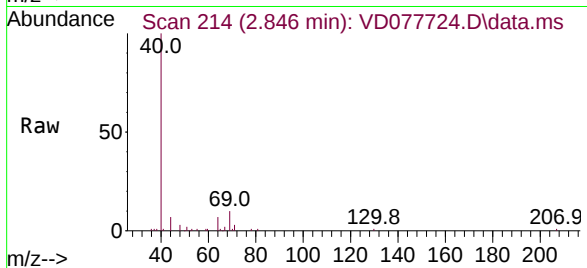
Quant Time: Dec 04 03:11:01 2023
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Quant Title : SFAM01.0
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Response via : Initial Calibration



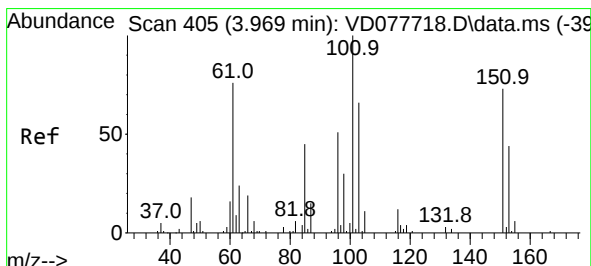
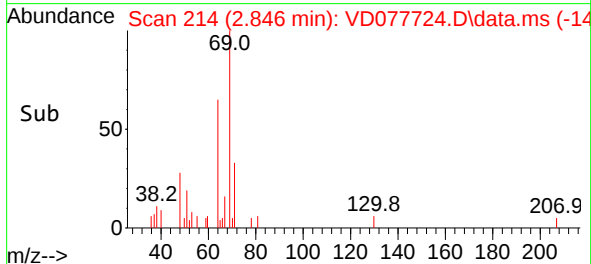
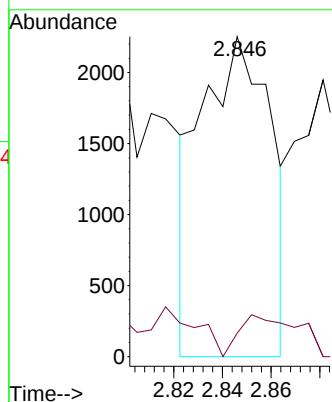


#8
Chloroethane
Concen: 0.790 ug/L
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD077724.D
Acq: 01 Dec 2023 15:20

Instrument :
MSVOA_D
ClientSampleId :

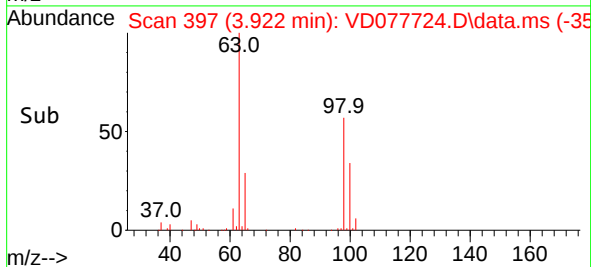
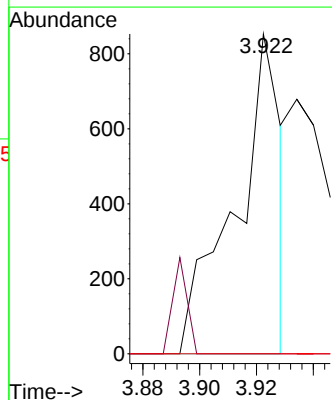
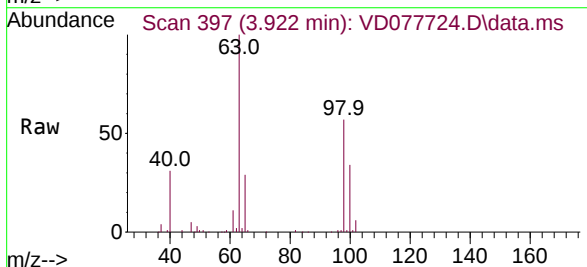


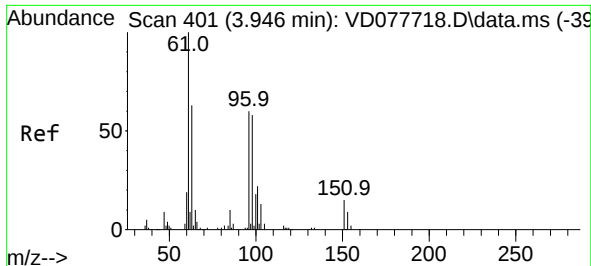
Tgt Ion: 64 Resp: 4481
Ion Ratio Lower Upper
64 100
66 7.3 22.0 41.0#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.209 ug/L
RT: 3.922 min Scan# 397
Delta R.T. -0.047 min
Lab File: VD077724.D
Acq: 01 Dec 2023 15:20

Tgt Ion:101 Resp: 957
Ion Ratio Lower Upper
101 100
85 0.0 35.8 53.6#
151 0.0 57.0 85.6#





#12

1,1-Dichloroethene

Concen: 0.403 ug/L

RT: 3.934 min Scan# 399

Delta R.T. -0.012 min

Lab File: VD077724.D

Acq: 01 Dec 2023 15:20

Instrument :

MSVOA_D

ClientSampleId :

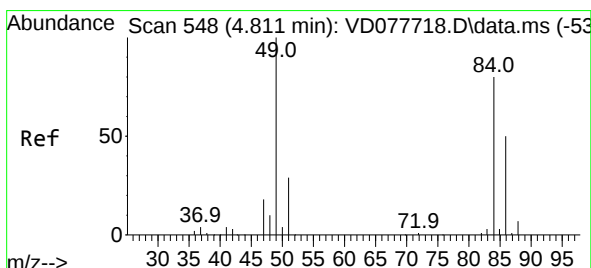
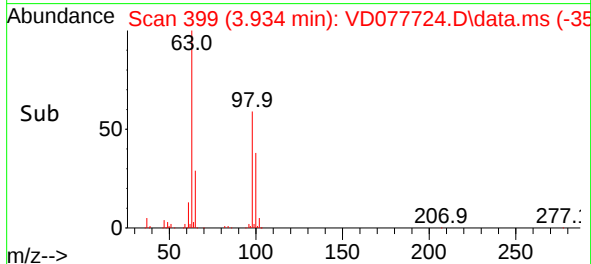
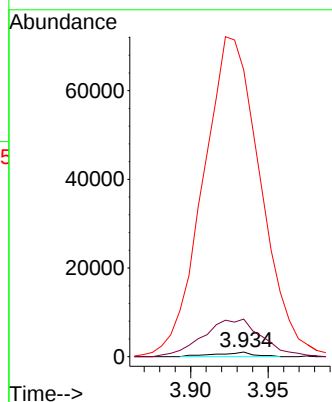
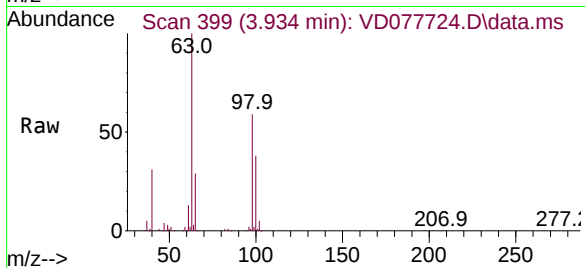
Tgt Ion: 96 Resp: 1744

Ion Ratio Lower Upper

96 100

61 801.1 108.6 201.6#

63 6096.9 60.3 111.9#



#16

Methylene chloride

Concen: 0.777 ug/L

RT: 4.811 min Scan# 548

Delta R.T. 0.000 min

Lab File: VD077724.D

Acq: 01 Dec 2023 15:20

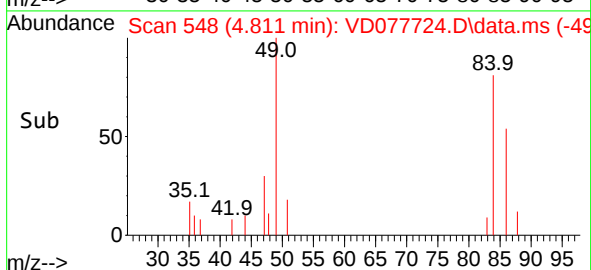
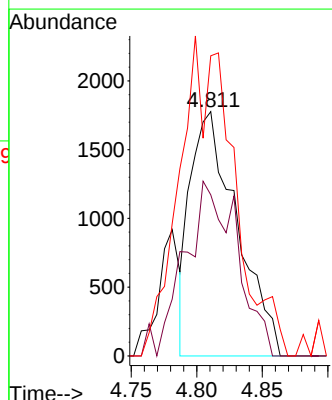
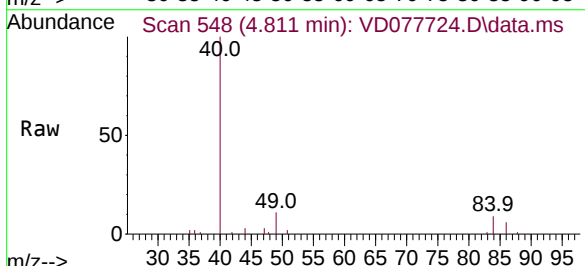
Tgt Ion: 84 Resp: 4392

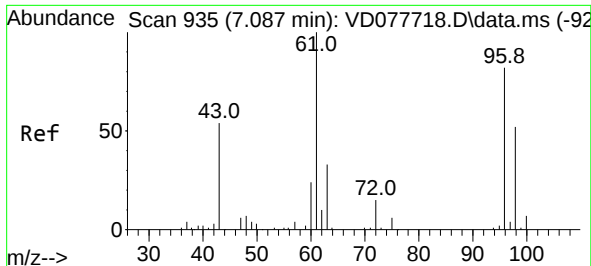
Ion Ratio Lower Upper

84 100

86 66.0 40.1 74.5

49 122.8 83.2 154.6

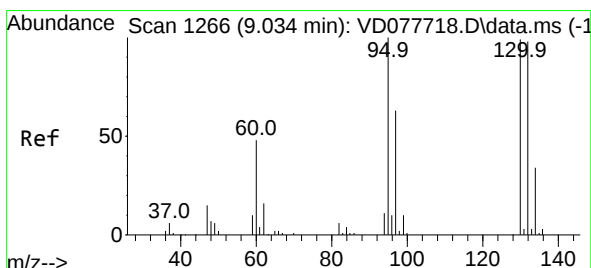
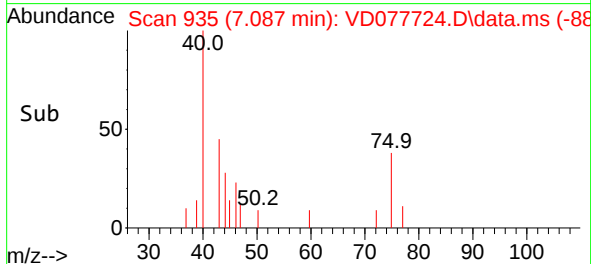
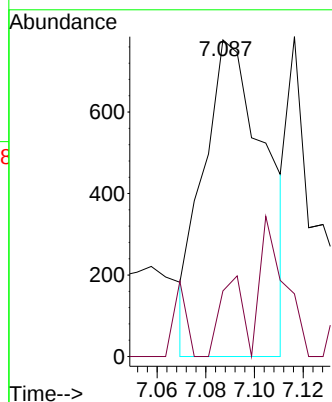
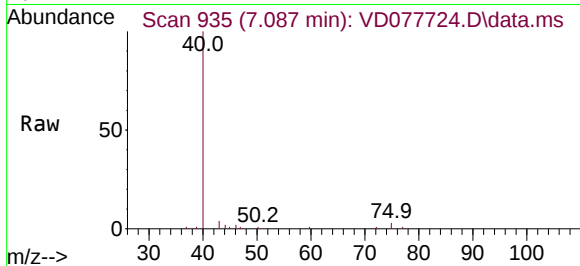




#22
2-Butanone
Concen: 0.872 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077724.D
Acq: 01 Dec 2023 15:20

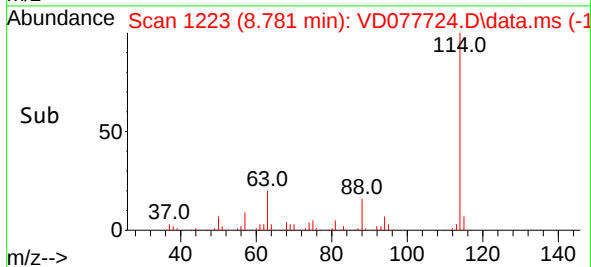
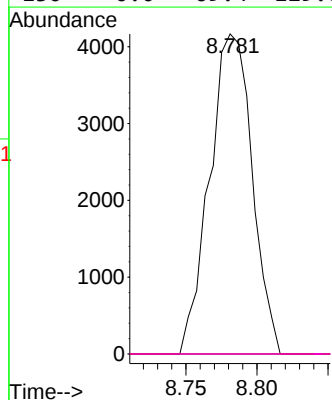
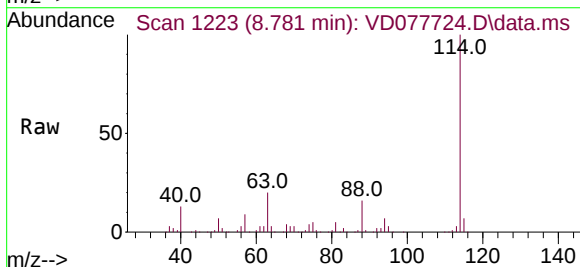
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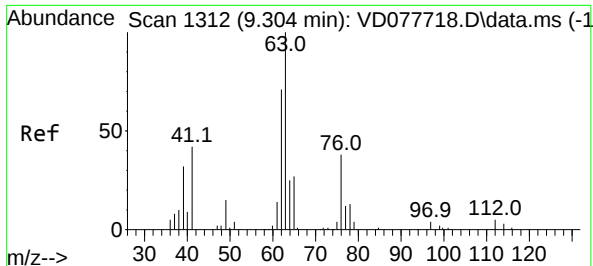
Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
72 9.2 7.2 21.6



#34
Trichloroethene
Concen: 2.986 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077724.D
Acq: 01 Dec 2023 15:20

Tgt Ion: 95 Resp: 8701
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#

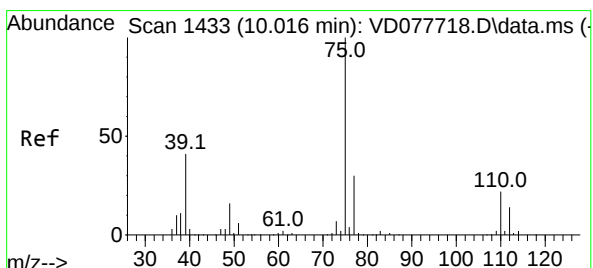
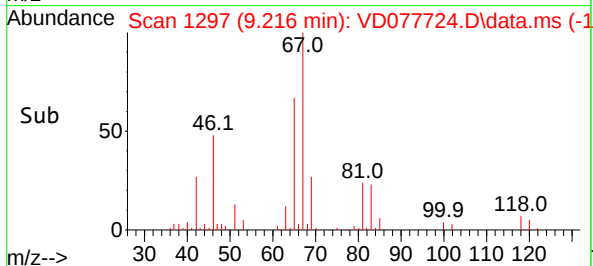
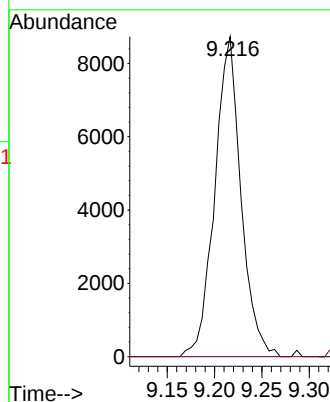
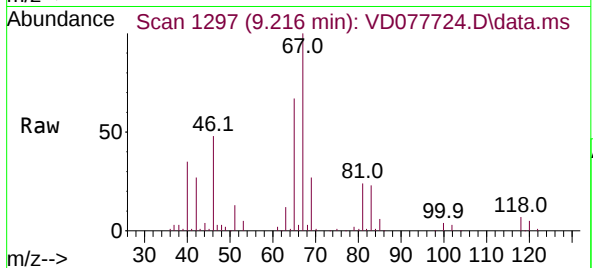




#37
1,2-Dichloropropane
Concen: 5.494 ug/L
RT: 9.216 min Scan# 11
Delta R.T. -0.088 min
Lab File: VD077724.D
Acq: 01 Dec 2023 15:20

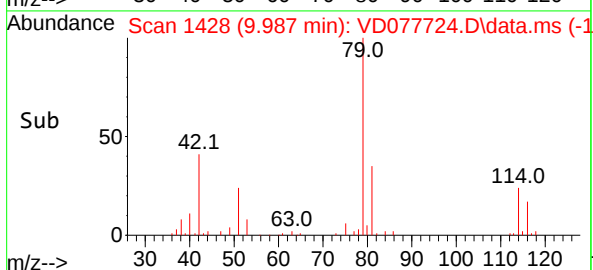
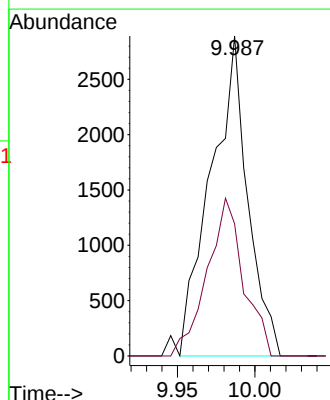
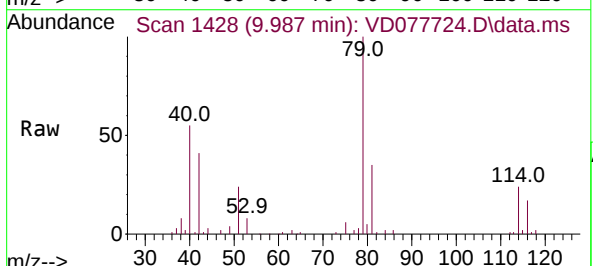
Instrument :
MSVOA_D
ClientSampleId :

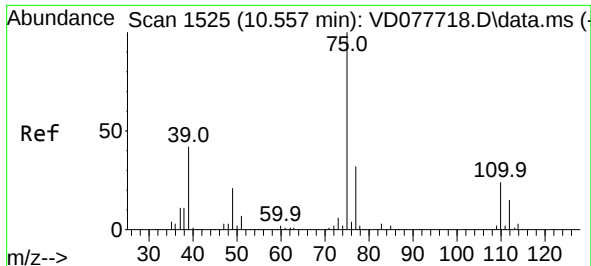
Tgt Ion: 63 Resp: 16816
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.999 ug/L
RT: 9.987 min Scan# 1428
Delta R.T. -0.029 min
Lab File: VD077724.D
Acq: 01 Dec 2023 15:20

Tgt Ion: 75 Resp: 4774
Ion Ratio Lower Upper
75 100
77 41.3 21.2 39.4#

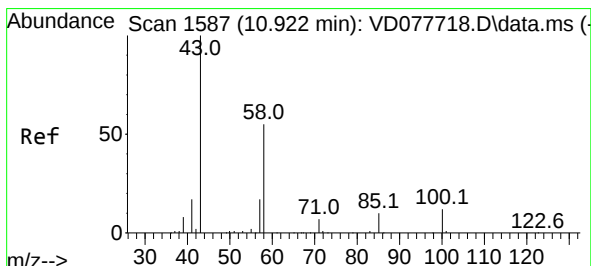
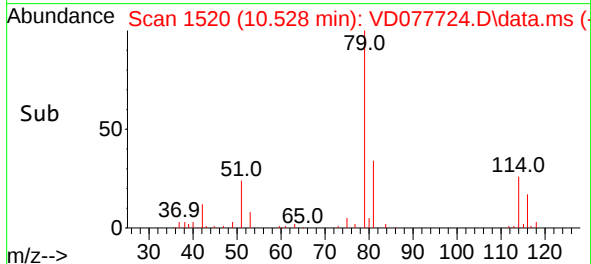
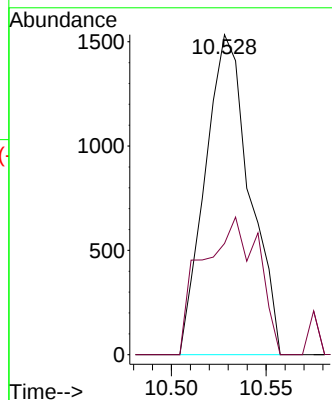
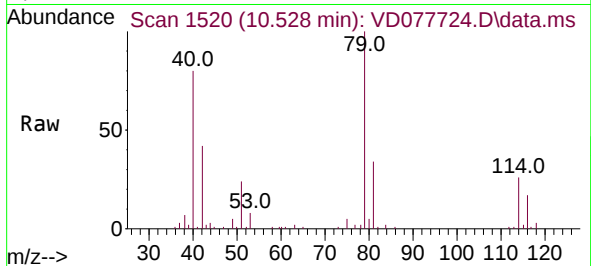




#44
trans-1,3-Dichloropropene
Concen: 0.628 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD077724.D
Acq: 01 Dec 2023 15:20

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 2508
Ion Ratio Lower Upper
75 100
77 34.7 22.0 40.8



#48
2-Hexanone
Concen: 4.786 ug/L
RT: 10.881 min Scan# 1580
Delta R.T. -0.041 min
Lab File: VD077724.D
Acq: 01 Dec 2023 15:20

Tgt Ion: 43 Resp: 6871
Ion Ratio Lower Upper
43 100
58 25.5 43.0 64.6#
57 28.3 13.8 20.8#
100 0.0 9.0 13.4#

