

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
 Data File : VD077775.D
 Acq On : 07 Dec 2023 12:48
 Operator : JC/SY
 Sample : VIBLK
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 08 00:33:32 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)

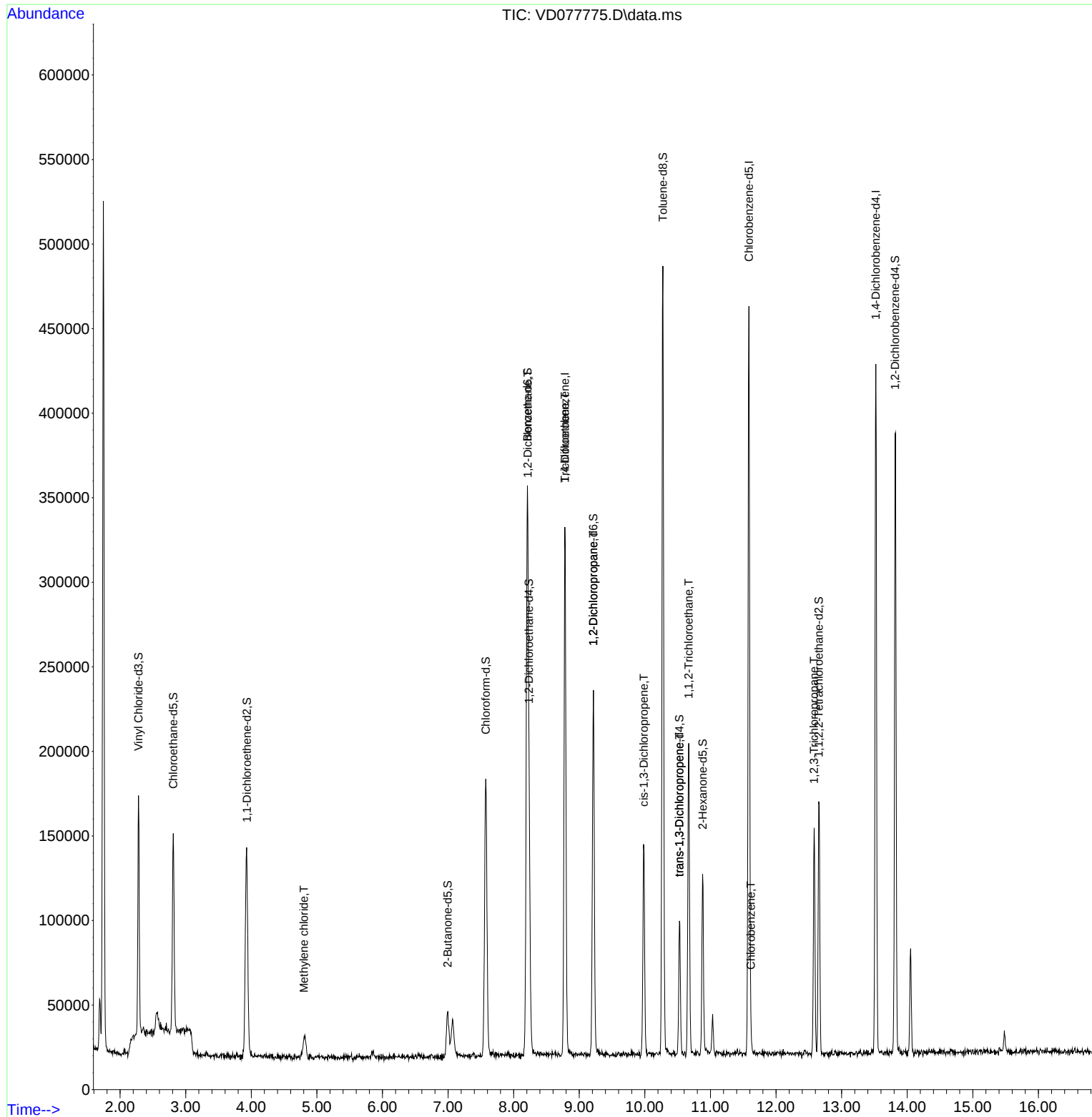
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	272093	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	249489	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	109634	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	131563	17.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.920%
7) Chloroethane-d5	2.811	69	120361	20.351	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.400%
11) 1,1-Dichloroethene-d2	3.934	65	36077	18.752	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.000%
21) 2-Butanone-d5	6.993	46	44192	47.123	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.240%
24) Chloroform-d	7.575	84	174198	23.754	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	8.234	65	86505	23.282	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.120%
32) Benzene-d6	8.210	84	353434	23.522	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.080%
36) 1,2-Dichloropropane-d6	9.216	67	107381	23.422	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.680%
41) Toluene-d8	10.275	98	320738	23.191	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.760%
43) trans-1,3-Dichloroprop...	10.528	79	45359	22.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.480%
47) 2-Hexanone-d5	10.881	63	37596	47.589	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.180%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	79540	24.009	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.040%
66) 1,2-Dichlorobenzene-d4	13.816	152	103194	26.311	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.240%
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	6337	1.312	ug/L	87
27) 1,2-Dichloroethane	8.216	62	1959	0.437	ug/L #	72
34) Trichloroethene	8.781	95	8247	2.046	ug/L #	5
37) 1,2-Dichloropropane	9.216	63	11662	2.754	ug/L #	87
39) cis-1,3-Dichloropropene	9.987	75	3359	0.508	ug/L #	82
44) trans-1,3-Dichloropropene	10.528	75	2447	0.443	ug/L	88
45) 1,1,2-Trichloroethane	10.669	97	2687	0.945	ug/L #	24
51) Chlorobenzene	11.616	112	4577	0.428	ug/L	90
61) 1,2,3-Trichloropropane	12.581	75	962	0.477	ug/L #	63

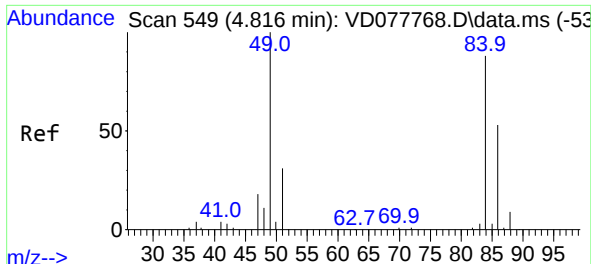
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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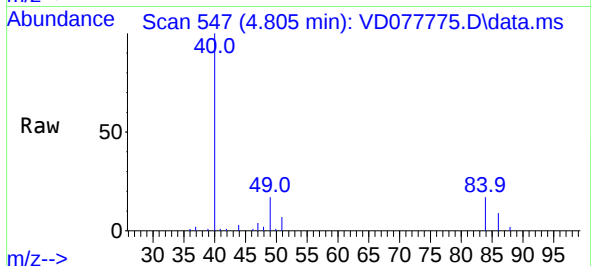
Quant Time: Dec 08 00:33:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
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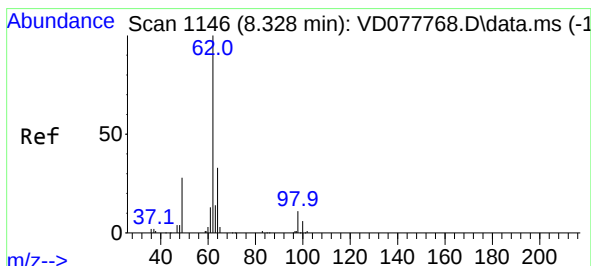
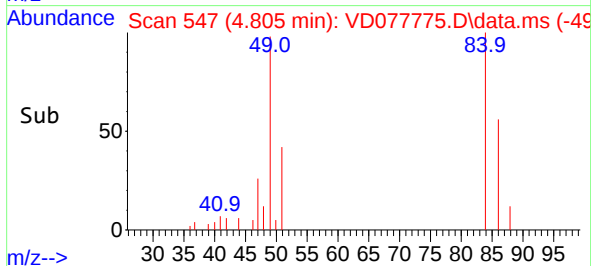
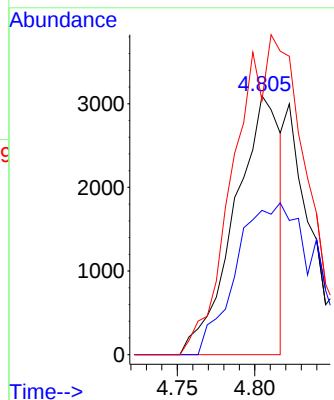


#16
Methylene chloride
Concen: 1.312 ug/L
RT: 4.805 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077775.D
Acq: 07 Dec 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :

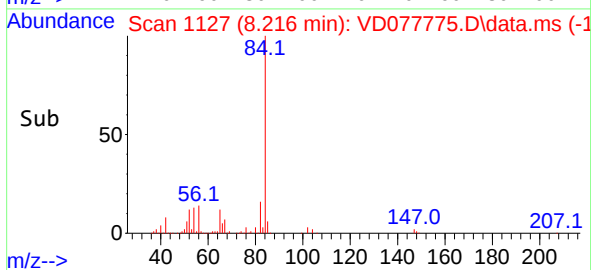
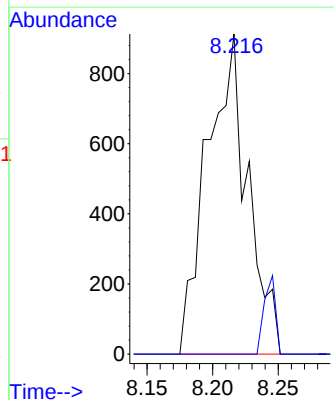
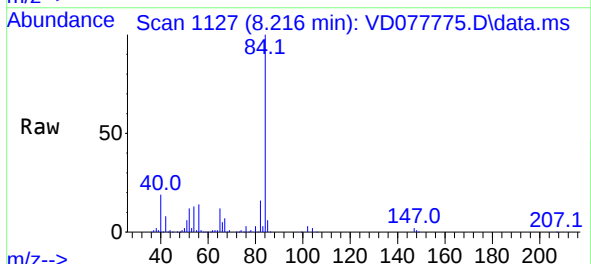


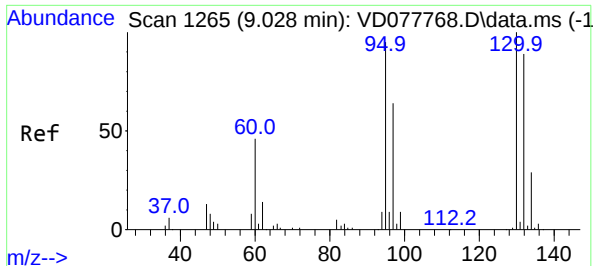
Tgt Ion: 84 Resp: 6337
Ion Ratio Lower Upper
84 100
86 55.7 40.1 74.5
49 98.2 83.2 154.6



#27
1,2-Dichloroethane
Concen: 0.437 ug/L
RT: 8.216 min Scan# 1127
Delta R.T. -0.112 min
Lab File: VD077775.D
Acq: 07 Dec 2023 12:48

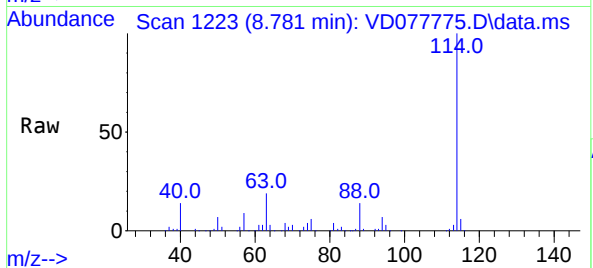
Tgt Ion: 62 Resp: 1959
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#





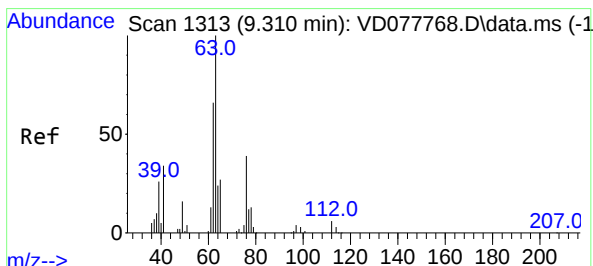
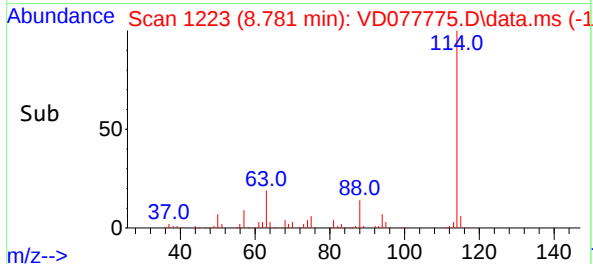
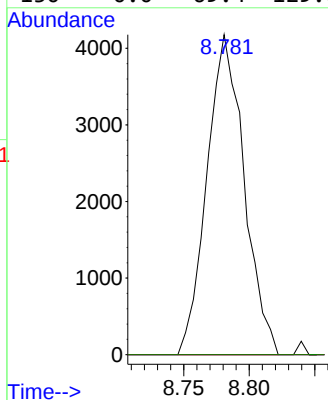
#34
Trichloroethene
Concen: 2.046 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD077775.D
Acq: 07 Dec 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 8247

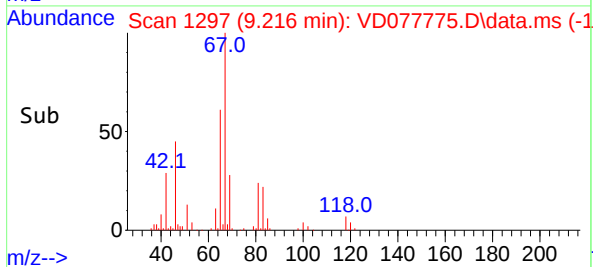
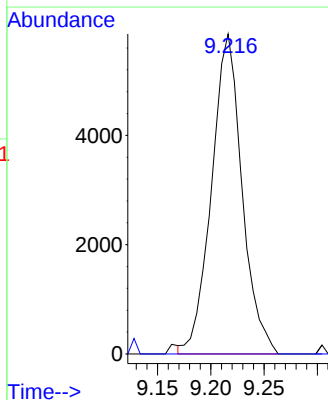
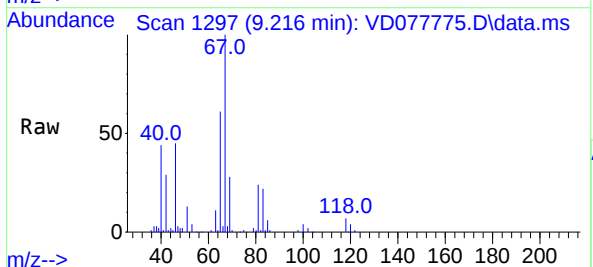
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.2	82.0#
132	0.0	67.5	125.3#
130	0.0	69.4	129.0#

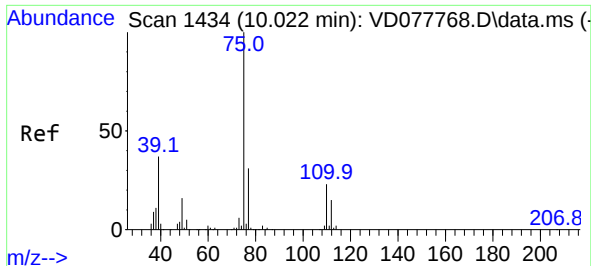


#37
1,2-Dichloropropane
Concen: 2.754 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.088 min
Lab File: VD077775.D
Acq: 07 Dec 2023 12:48

Tgt Ion: 63 Resp: 11662

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.508 ug/L

RT: 9.987 min Scan# 1434

Delta R.T. -0.035 min

Lab File: VD077775.D

Acq: 07 Dec 2023 12:48

Instrument :

MSVOA_D

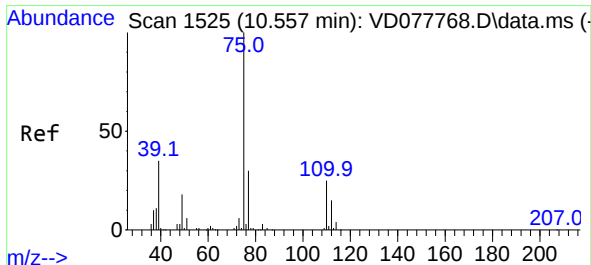
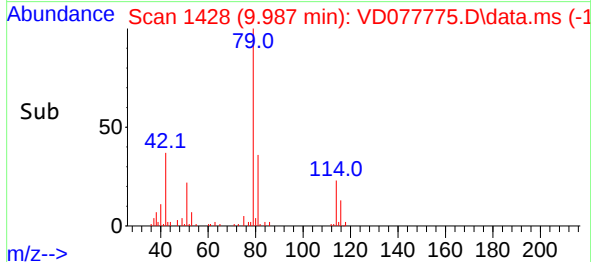
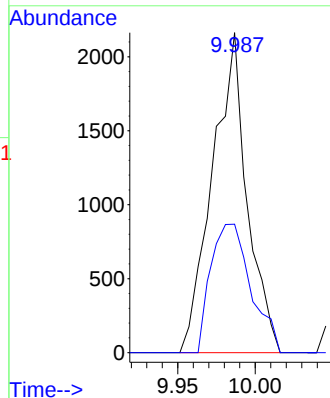
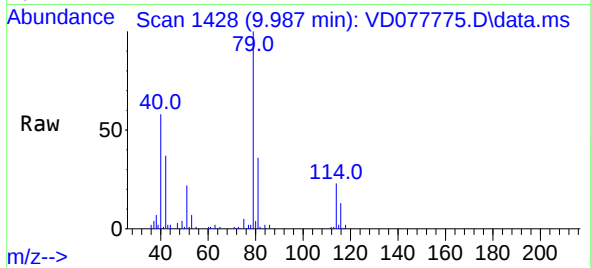
ClientSampleId :

Tgt Ion: 75 Resp: 3359

Ion Ratio Lower Upper

75 100

77 40.1 21.2 39.4#



#44

trans-1,3-Dichloropropene

Concen: 0.443 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.030 min

Lab File: VD077775.D

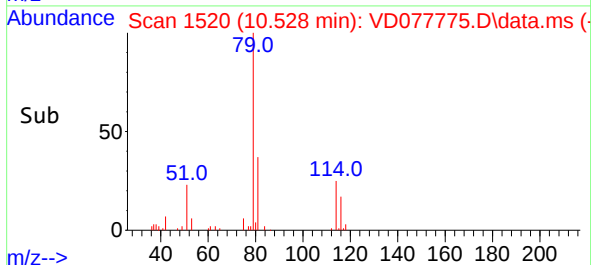
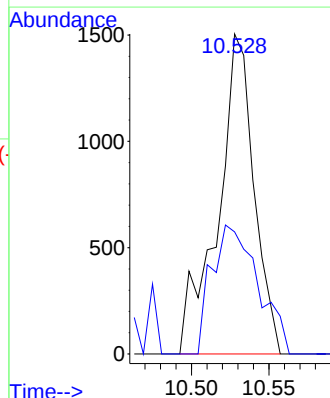
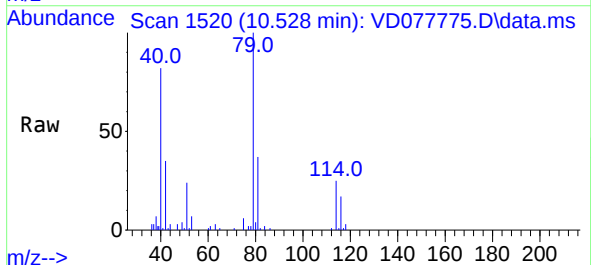
Acq: 07 Dec 2023 12:48

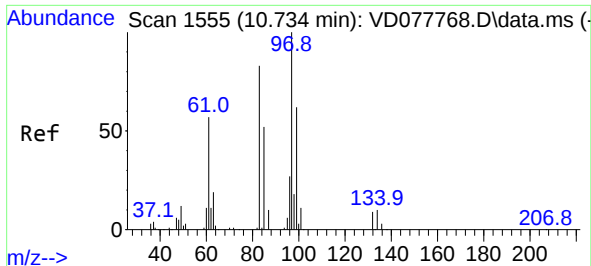
Tgt Ion: 75 Resp: 2447

Ion Ratio Lower Upper

75 100

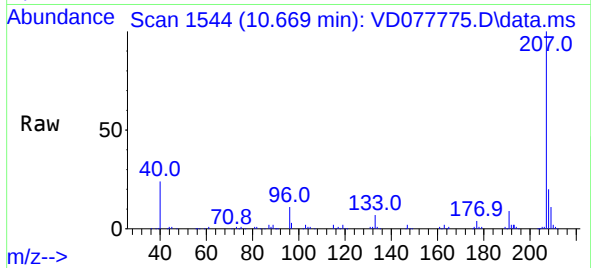
77 38.1 22.0 40.8





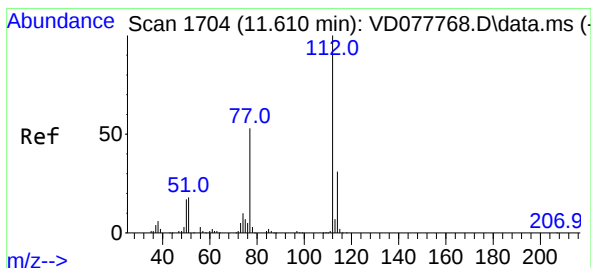
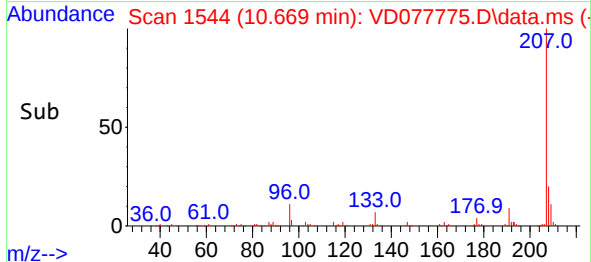
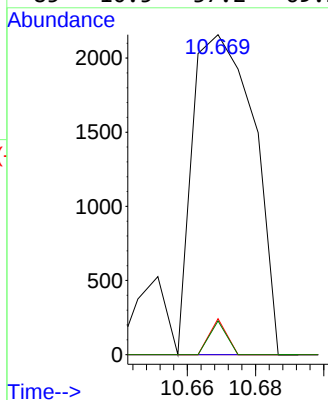
#45
1,1,2-Trichloroethane
Concen: 0.945 ug/L
RT: 10.669 min Scan# 11
Delta R.T. -0.065 min
Lab File: VD077775.D
Acq: 07 Dec 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 2687

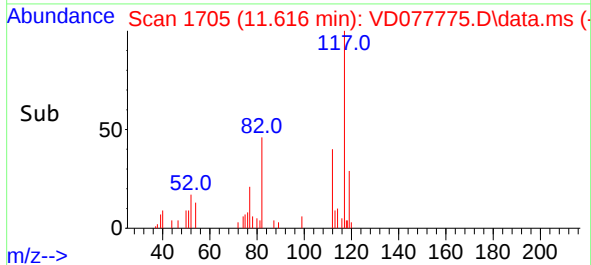
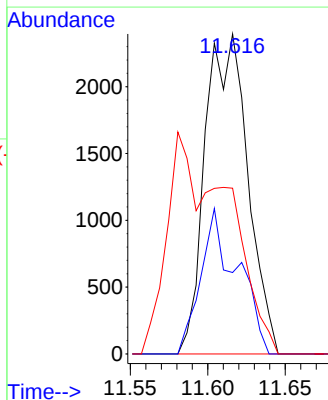
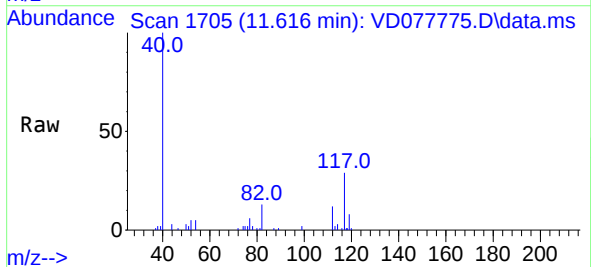
Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.7	77.5#
83	11.3	63.6	118.2#
85	10.5	37.2	69.2#

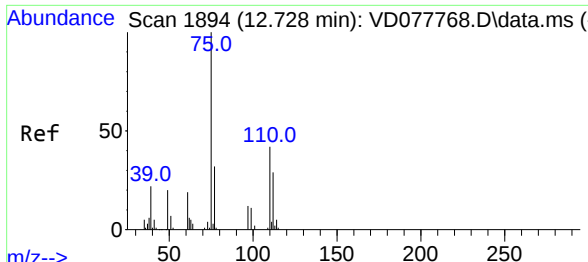


#51
Chlorobenzene
Concen: 0.428 ug/L
RT: 11.616 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VD077775.D
Acq: 07 Dec 2023 12:48

Tgt Ion: 112 Resp: 4577

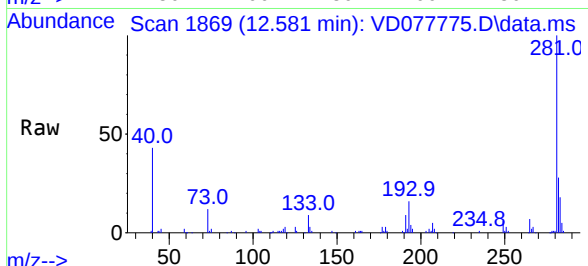
Ion	Ratio	Lower	Upper
112	100		
114	25.5	22.5	41.9
77	51.8	46.4	69.6





#61
1,2,3-Trichloropropane
Concen: 0.477 ug/L
RT: 12.581 min Scan# 11
Delta R.T. -0.147 min
Lab File: VD077775.D
Acq: 07 Dec 2023 12:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	962
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.8	40.2#
110	29.8	33.4	50.2#

