

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
 Data File : VD077772.D
 Acq On : 07 Dec 2023 11:28
 Operator : JC/SY
 Sample : 05646-05RE
 Misc : 3.52G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 08 00:33:01 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)

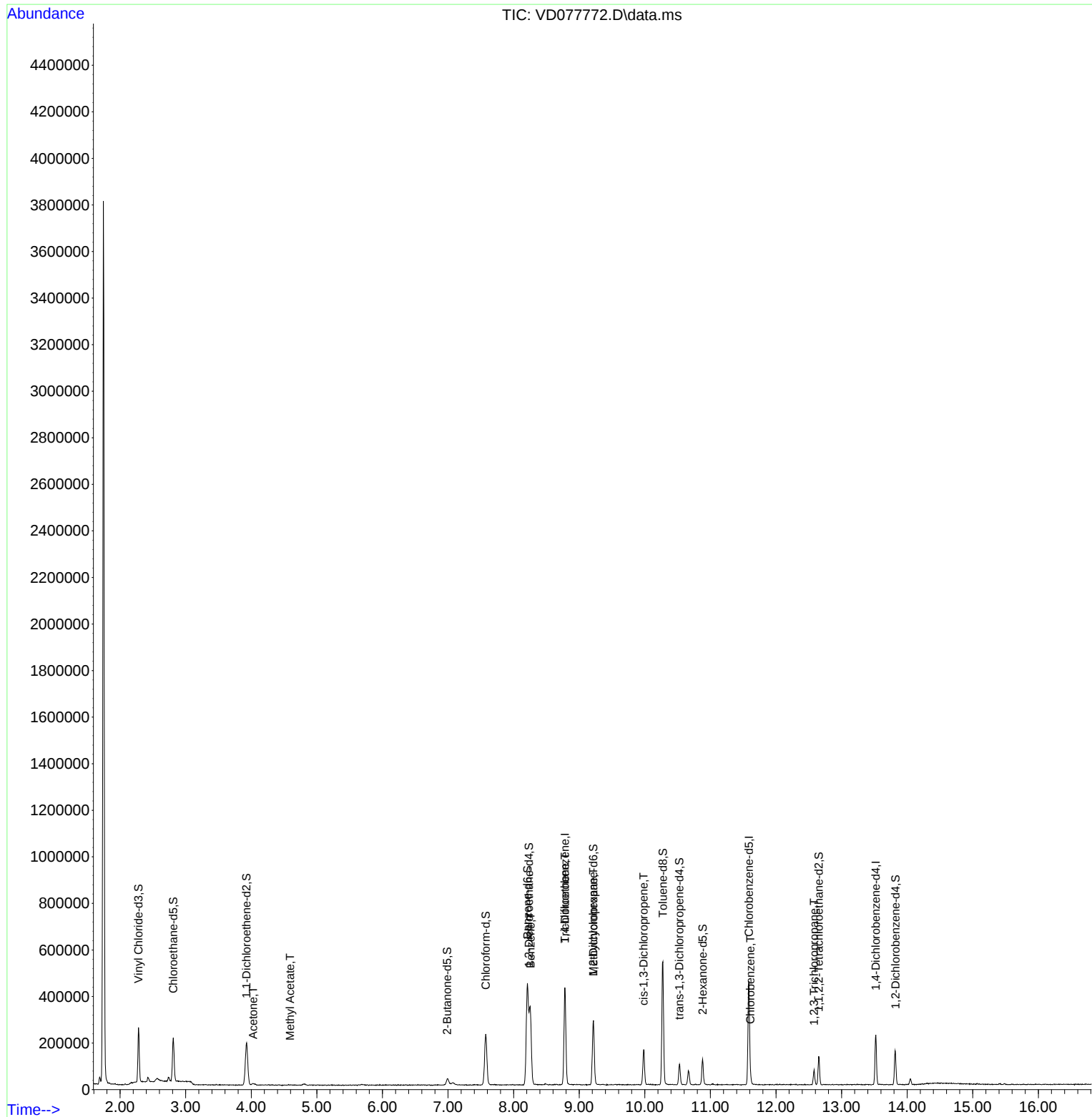
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	367769	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	254467	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	56534	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	216063	21.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.160%
7) Chloroethane-d5	2.811	69	187593	23.467	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.880%
11) 1,1-Dichloroethene-d2	3.928	65	52674	20.256	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.040%
21) 2-Butanone-d5	6.987	46	46743	36.877	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.760%
24) Chloroform-d	7.575	84	230270	23.231	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.920%
26) 1,2-Dichloroethane-d4	8.234	65	112681	22.437	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.760%
32) Benzene-d6	8.211	84	460073	30.020	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.080%
36) 1,2-Dichloropropane-d6	9.216	67	139899	29.918	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.680%
41) Toluene-d8	10.275	98	374427	26.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.160%
43) trans-1,3-Dichloroprop...	10.528	79	49950	24.156	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.640%
47) 2-Hexanone-d5	10.881	63	38634	47.946	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.900%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	59245	17.533	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.120%
66) 1,2-Dichlorobenzene-d4	13.822	152	41621	20.579	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.320%
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	6443	3.967	ug/L	92
15) Methyl Acetate	4.593	43	871	0.375	ug/L	97
33) Benzene	8.258	78	271430	16.388	ug/L	100
34) Trichloroethene	8.781	95	10788	2.624	ug/L #	5
35) Methylcyclohexane	9.216	83	32089	4.396	ug/L #	20
39) cis-1,3-Dichloropropene	9.981	75	4268	0.633	ug/L #	54
51) Chlorobenzene	11.610	112	16041	1.471	ug/L	94
61) 1,2,3-Trichloropropane	12.581	75	444	0.427	ug/L #	37

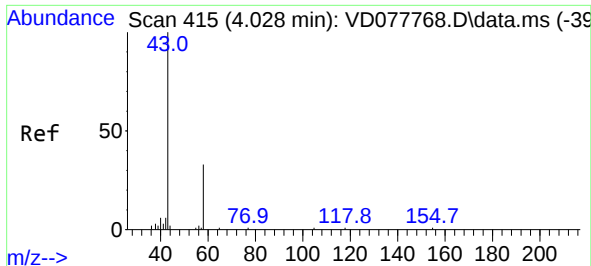
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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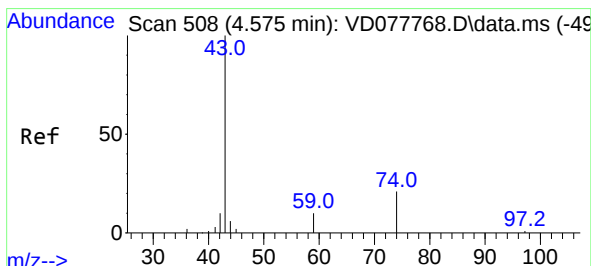
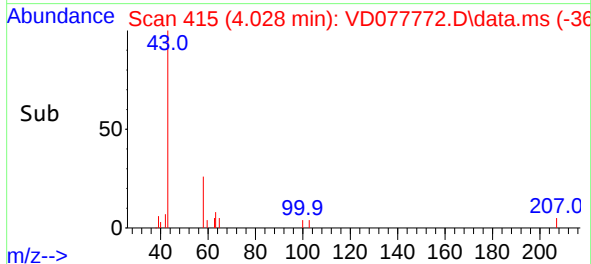
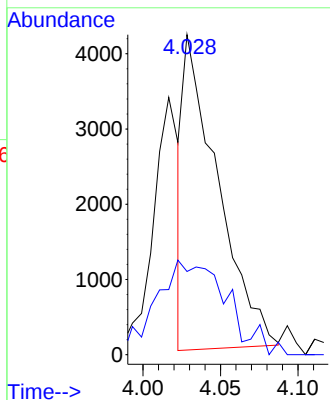
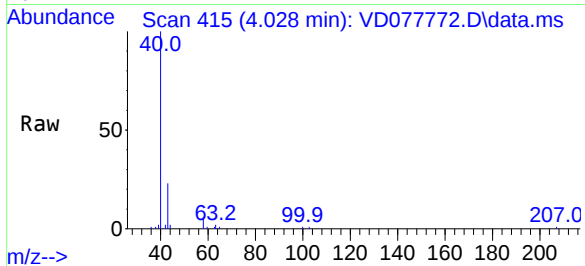




#13
Acetone
Concen: 3.967 ug/L
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD077772.D
Acq: 07 Dec 2023 11:28

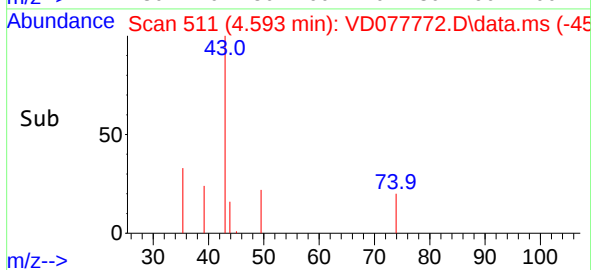
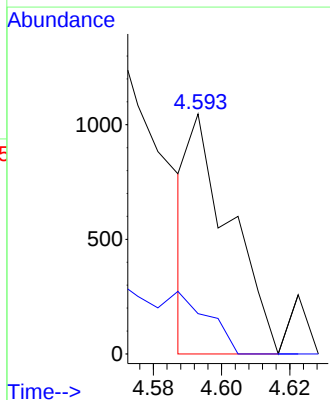
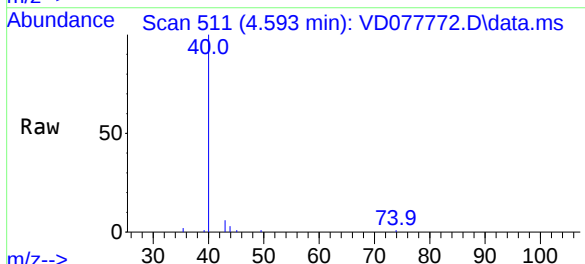
Instrument :
MSVOA_D
ClientSampleId :

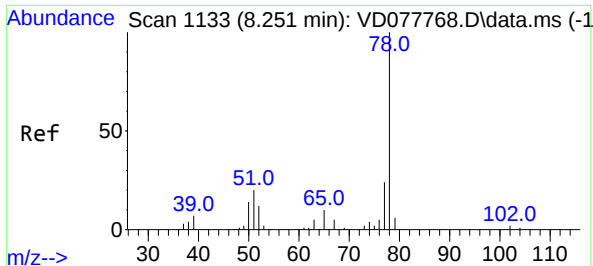
Tgt Ion: 43 Resp: 6443
Ion Ratio Lower Upper
43 100
58 29.3 0.0 67.2



#15
Methyl Acetate
Concen: 0.375 ug/L
RT: 4.593 min Scan# 511
Delta R.T. 0.030 min
Lab File: VD077772.D
Acq: 07 Dec 2023 11:28

Tgt Ion: 43 Resp: 871
Ion Ratio Lower Upper
43 100
74 24.5 18.6 27.8

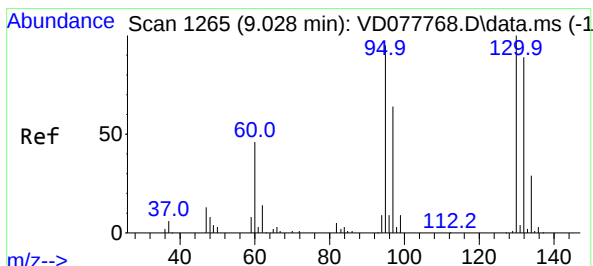
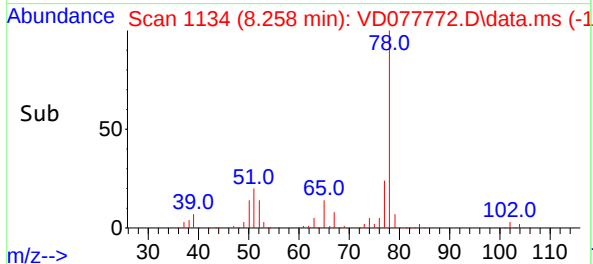
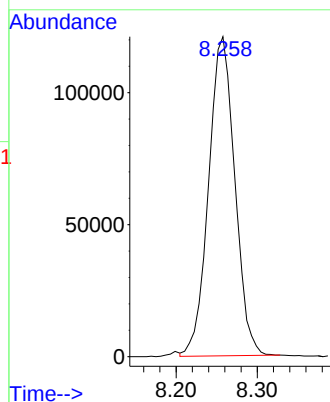
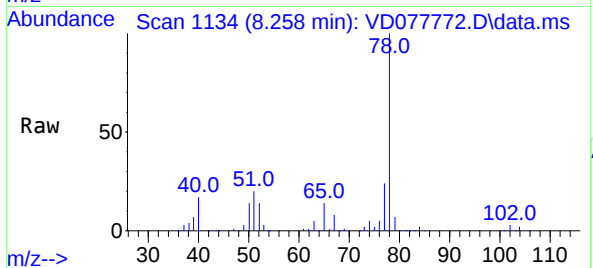




#33
Benzene
Concen: 16.388 ug/L
RT: 8.258 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077772.D
Acq: 07 Dec 2023 11:28

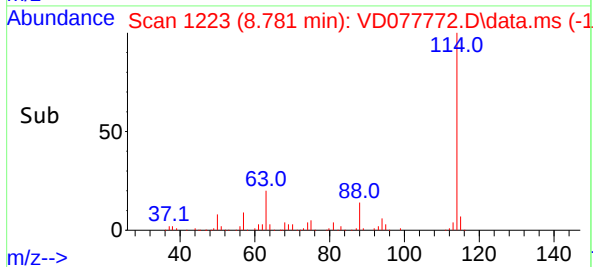
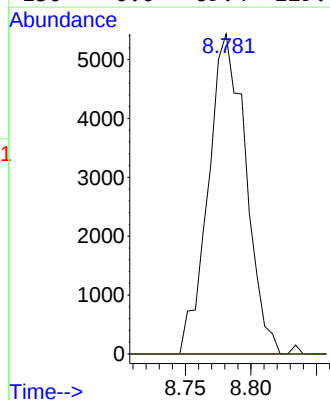
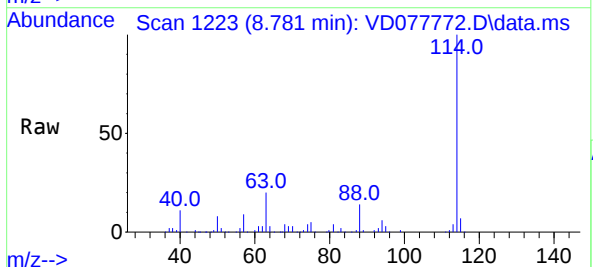
Instrument :
MSVOA_D
ClientSampleId :

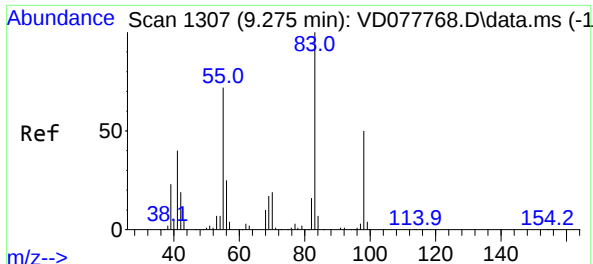
Tgt Ion: 78 Resp: 271430



#34
Trichloroethene
Concen: 2.624 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077772.D
Acq: 07 Dec 2023 11:28

Tgt Ion: 95 Resp: 10788
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#





#35

Methylcyclohexane

Concen: 4.396 ug/L

RT: 9.216 min Scan# 11

Delta R.T. -0.059 min

Lab File: VD077772.D

Acq: 07 Dec 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

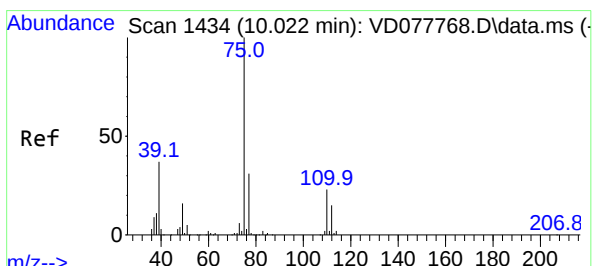
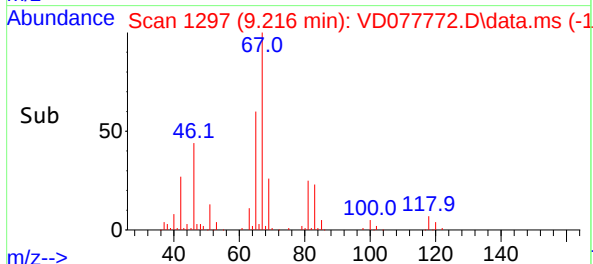
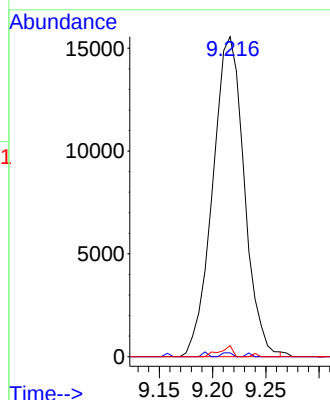
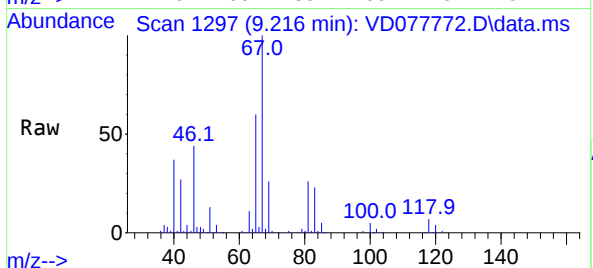
Tgt Ion: 83 Resp: 32089

Ion Ratio Lower Upper

83 100

55 0.4 59.8 89.6#

98 1.4 38.5 57.7#



#39

cis-1,3-Dichloropropene

Concen: 0.633 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.041 min

Lab File: VD077772.D

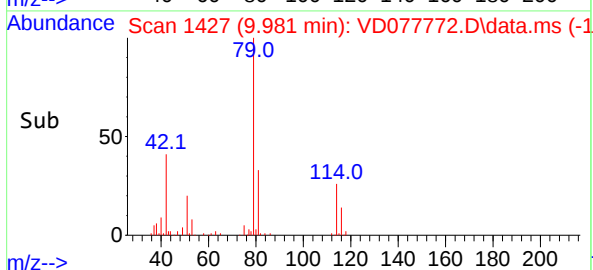
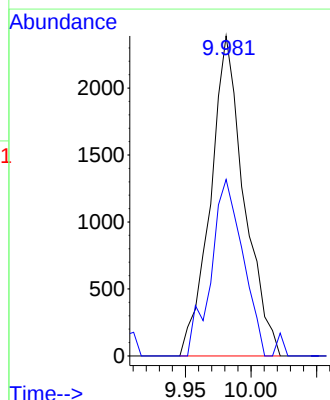
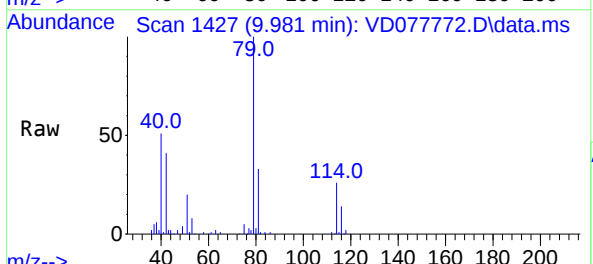
Acq: 07 Dec 2023 11:28

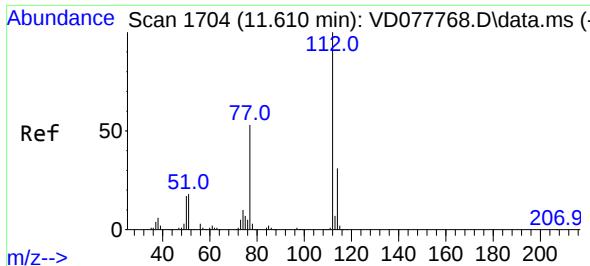
Tgt Ion: 75 Resp: 4268

Ion Ratio Lower Upper

75 100

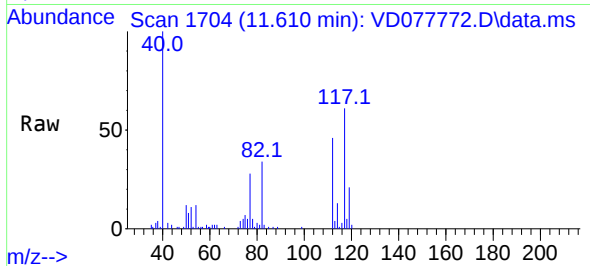
77 55.1 21.2 39.4#



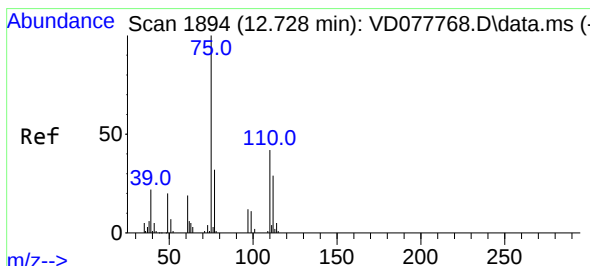
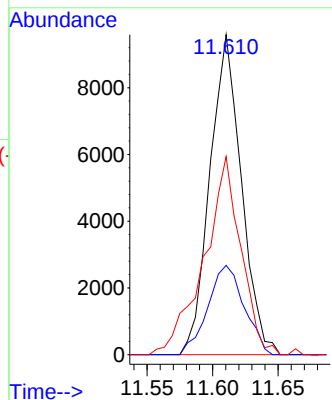
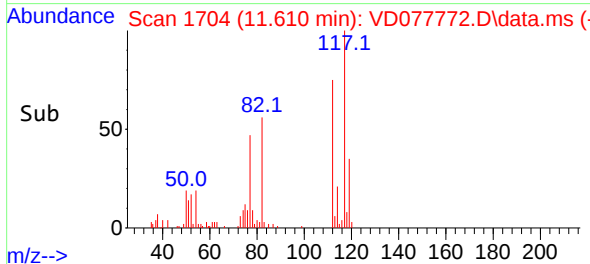


#51
Chlorobenzene
Concen: 1.471 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077772.D
Acq: 07 Dec 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	112	Resp:	16041
Ion Ratio	Lower	Upper	
112	100		
114	27.9	22.5	41.9
77	61.9	46.4	69.6



#61
1,2,3-Trichloropropane
Concen: 0.427 ug/L
RT: 12.581 min Scan# 1869
Delta R.T. -0.147 min
Lab File: VD077772.D
Acq: 07 Dec 2023 11:28

Tgt Ion:	75	Resp:	444
Ion Ratio	Lower	Upper	
75	100		
77	0.0	26.8	40.2#
110	0.0	33.4	50.2#

