

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091223\
 Data File : VD077088.D
 Acq On : 12 Sep 2023 13:11
 Operator : JC/SY
 Sample : 04386-03
 Misc : 2.91G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 13 01:49:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

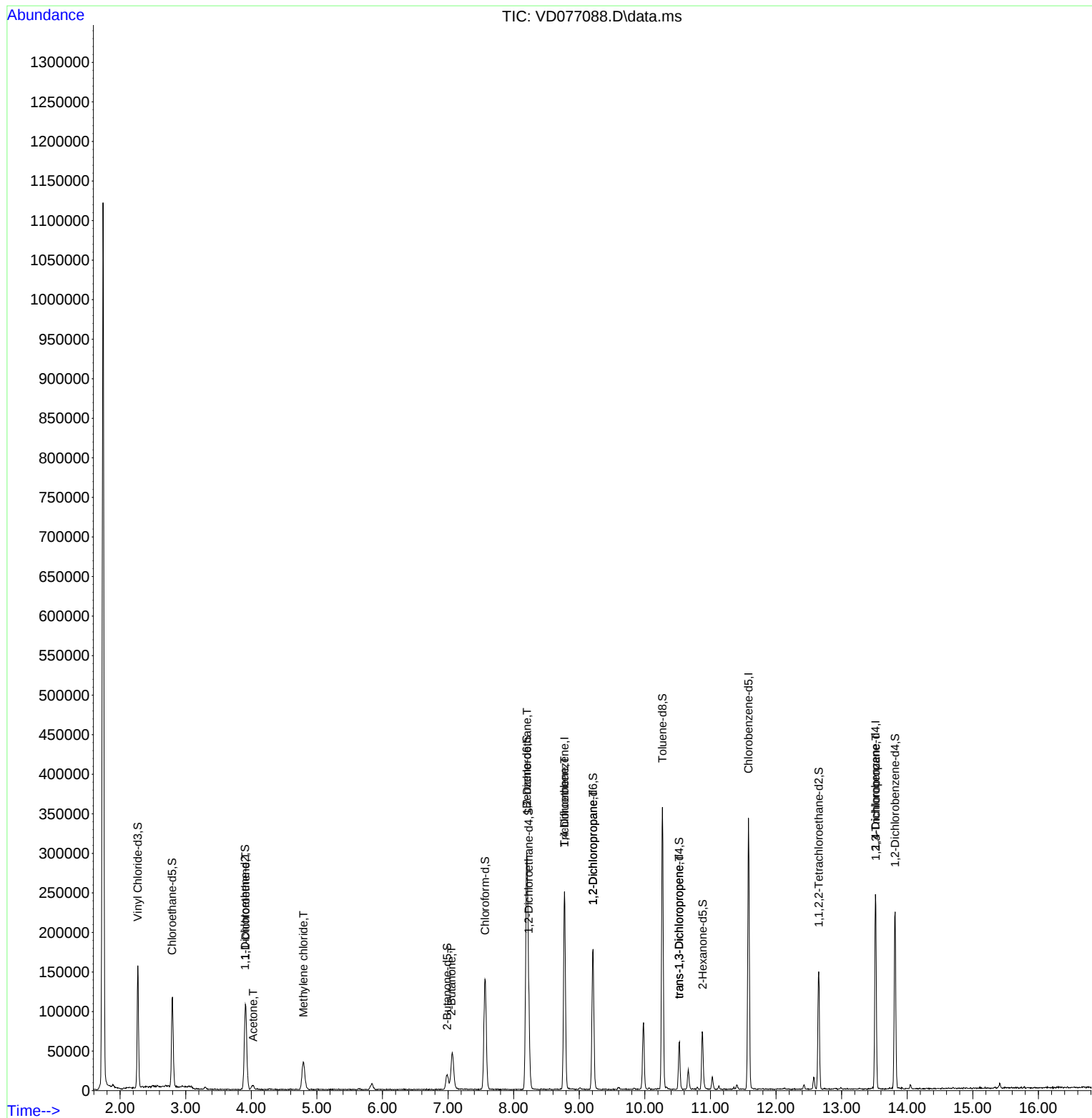
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	232279	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	206559	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	71327	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	136347	23.822	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	95.280%	
7) Chloroethane-d5	2.793	69	118882	25.258	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	101.040%	
11) 1,1-Dichloroethene-d2	3.905	65	20152	15.500	ug/L	-0.01
Spiked Amount	25.000	Range 45 - 110	Recovery	=	62.000%	
21) 2-Butanone-d5	6.987	46	34070	47.251	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	94.500%	
24) Chloroform-d	7.563	84	153371	24.131	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	96.520%	
26) 1,2-Dichloroethane-d4	8.228	65	79288	26.320	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	105.280%	
32) Benzene-d6	8.199	84	307245	26.931	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	107.720%	
36) 1,2-Dichloropropane-d6	9.210	67	90253	27.586	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	110.360%	
41) Toluene-d8	10.269	98	257761	24.682	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	98.720%	
43) trans-1,3-Dichloroprop...	10.522	79	34921	23.426	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	93.720%	
47) 2-Hexanone-d5	10.881	63	25243	48.308	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	96.620%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	77395	26.535	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	106.160%	
66) 1,2-Dichlorobenzene-d4	13.816	152	64691	28.257	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	113.040%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	3.911	96	1124	0.360	ug/L #	1
13) Acetone	4.028	43	8684	8.396	ug/L	96
16) Methylene chloride	4.793	84	28738	6.079	ug/L	96
22) 2-Butanone	7.052	43	2248	1.802	ug/L	75
27) 1,2-Dichloroethane	8.204	62	1074	0.280	ug/L #	71
34) Trichloroethene	8.775	95	6492	1.973	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	9347	2.987	ug/L #	85
44) trans-1,3-Dichloropropene	10.522	75	1773	0.417	ug/L #	13
61) 1,2,3-Trichloropropane	13.522	75	8634	6.342	ug/L #	64

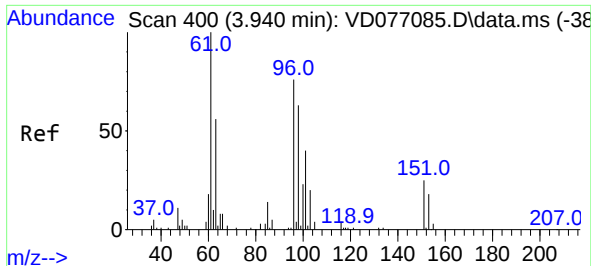
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Sep 02 01:35:39 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.360 ug/L

RT: 3.911 min Scan# 395

Delta R.T. -0.029 min

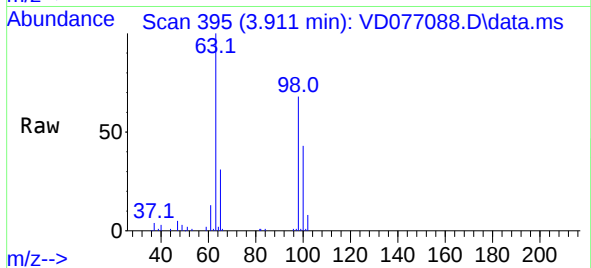
Lab File: VD077088.D

Acq: 12 Sep 2023 13:11

Instrument :

MSVOA_D

ClientSampleId :



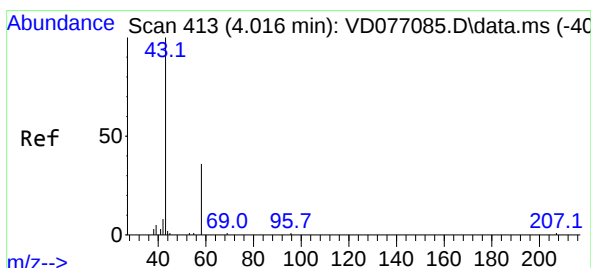
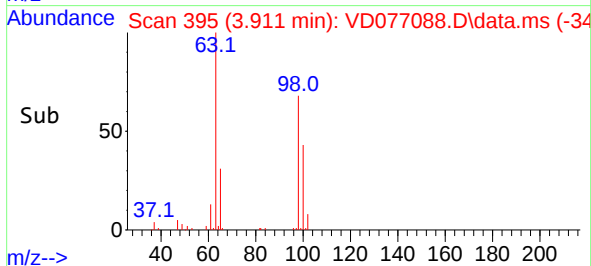
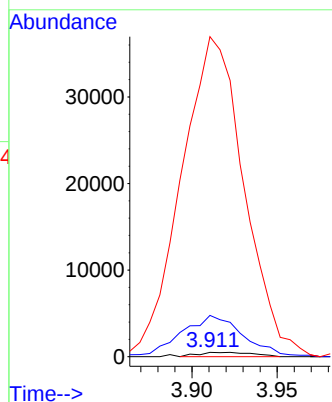
Tgt Ion: 96 Resp: 1124

Ion Ratio Lower Upper

96 100

61 940.6 95.5 177.3#

63 7275.6 68.6 127.4#



#13

Acetone

Concen: 8.396 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.012 min

Lab File: VD077088.D

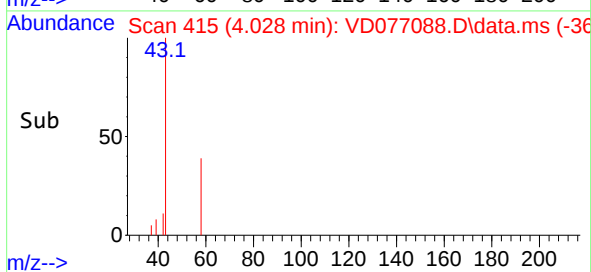
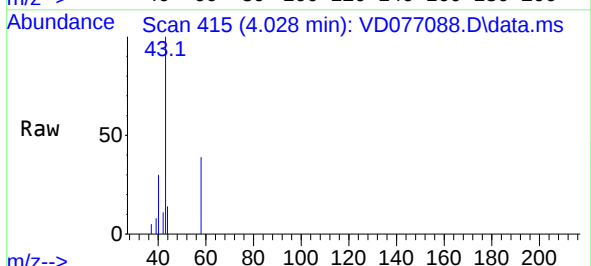
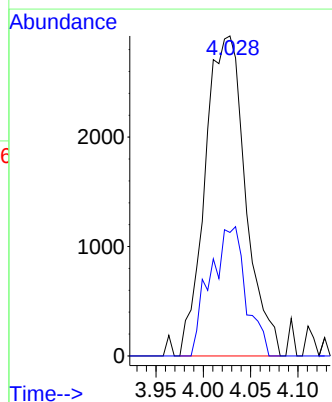
Acq: 12 Sep 2023 13:11

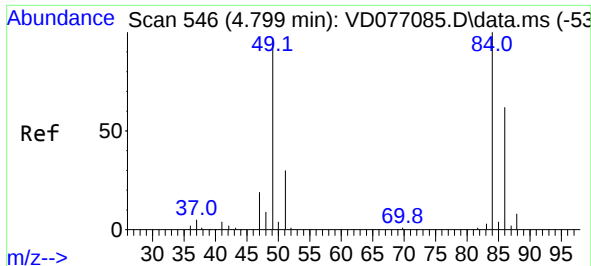
Tgt Ion: 43 Resp: 8684

Ion Ratio Lower Upper

43 100

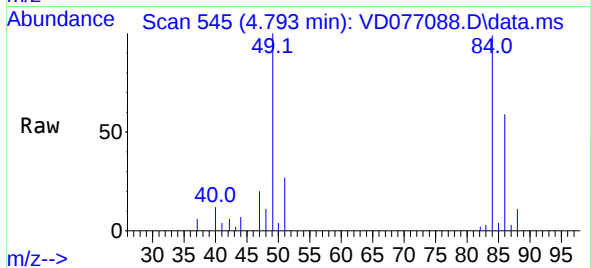
58 33.5 0.0 71.8



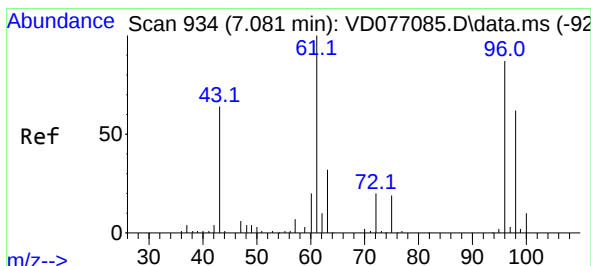
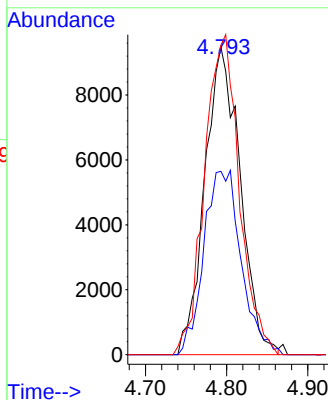
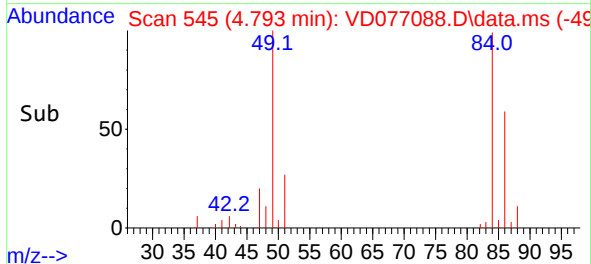


#16
Methylene chloride
Concen: 6.079 ug/L
RT: 4.793 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD077088.D
Acq: 12 Sep 2023 13:11

Instrument :
MSVOA_D
ClientSampleId :

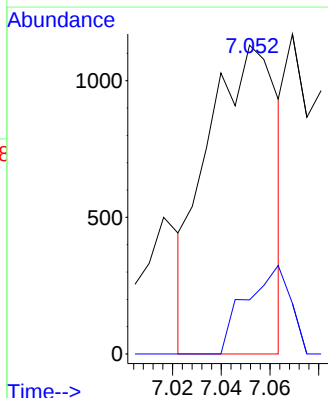
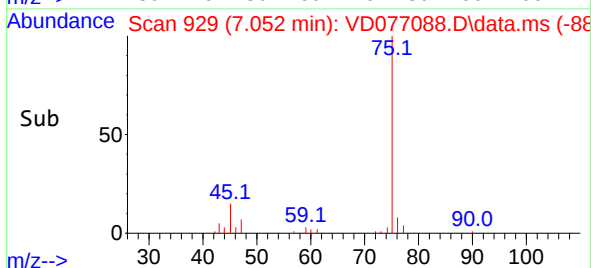
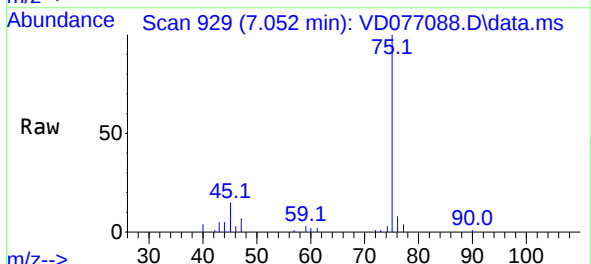


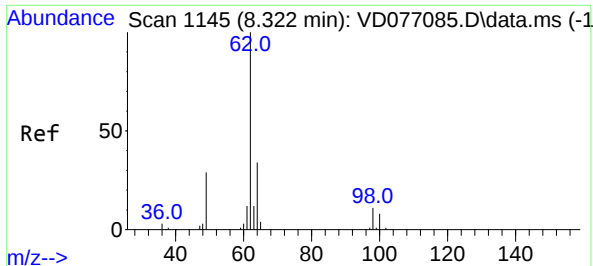
Tgt Ion: 84 Resp: 28738
Ion Ratio Lower Upper
84 100
86 59.6 45.3 84.1
49 100.7 69.2 128.6



#22
2-Butanone
Concen: 1.802 ug/L
RT: 7.052 min Scan# 929
Delta R.T. -0.024 min
Lab File: VD077088.D
Acq: 12 Sep 2023 13:11

Tgt Ion: 43 Resp: 2248
Ion Ratio Lower Upper
43 100
72 18.1 16.0 48.0

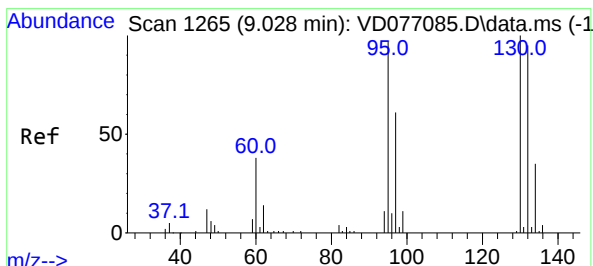
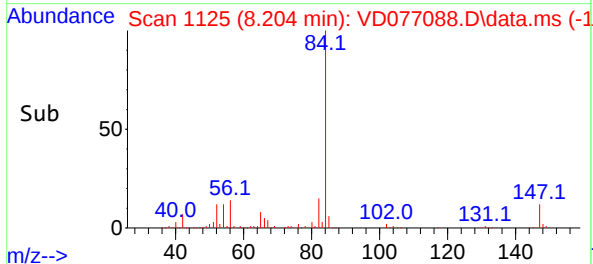
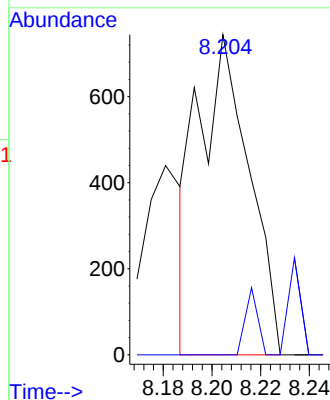
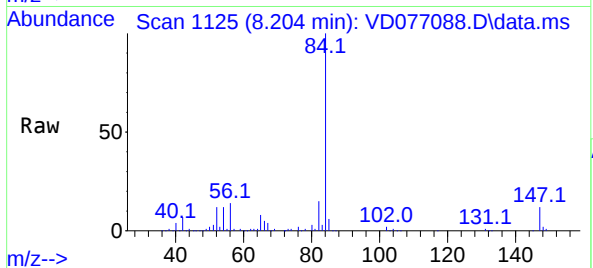




#27
1,2-Dichloroethane
Concen: 0.280 ug/L
RT: 8.204 min Scan# 1145
Delta R.T. -0.124 min
Lab File: VD077088.D
Acq: 12 Sep 2023 13:11

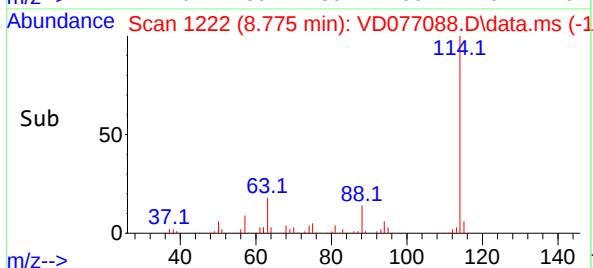
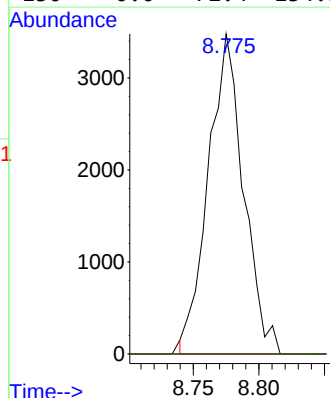
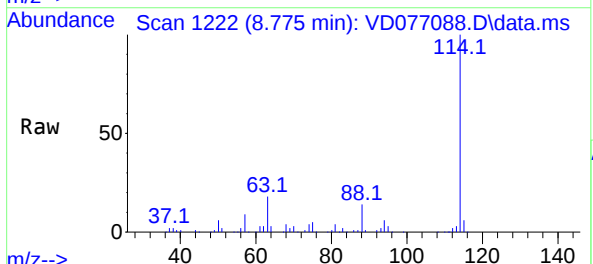
Instrument :
MSVOA_D
ClientSampleId :

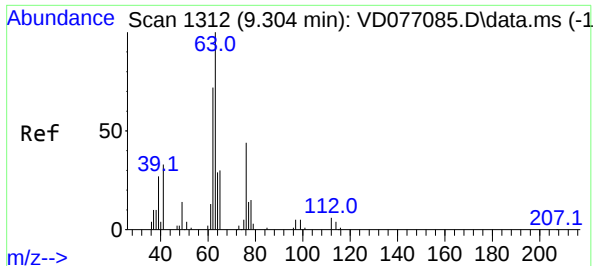
Tgt Ion: 62 Resp: 1074
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#



#34
Trichloroethene
Concen: 1.973 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD077088.D
Acq: 12 Sep 2023 13:11

Tgt Ion: 95 Resp: 6492
Ion Ratio Lower Upper
95 100
97 0.0 46.4 86.2#
132 0.0 70.1 130.1#
130 0.0 72.4 134.5#

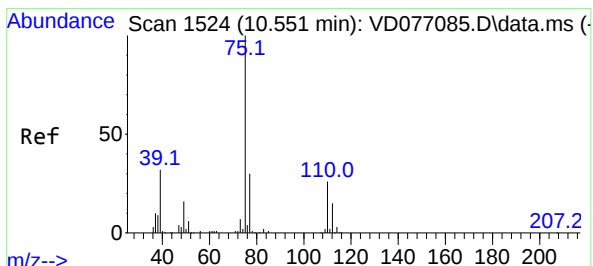
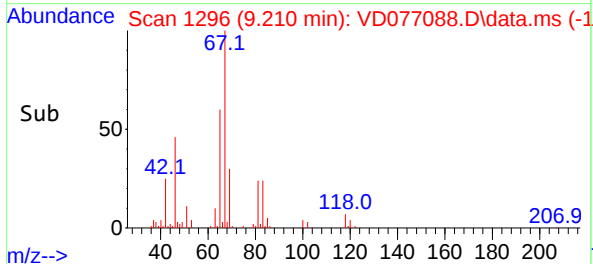
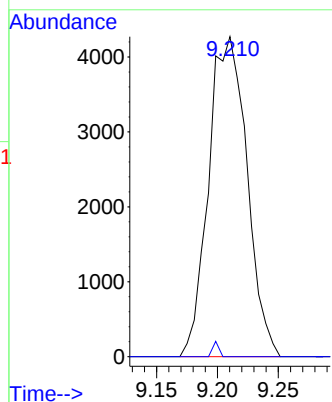
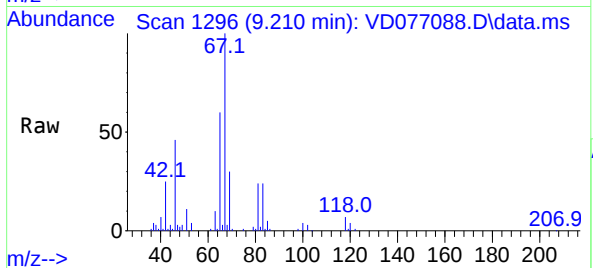




#37
1,2-Dichloropropane
Concen: 2.987 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD077088.D
Acq: 12 Sep 2023 13:11

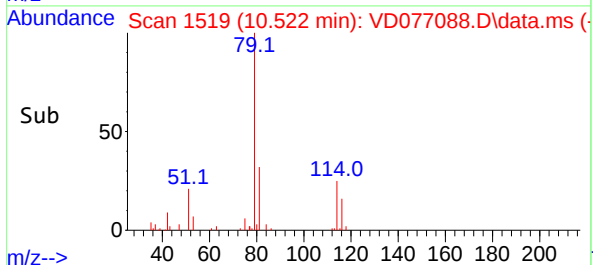
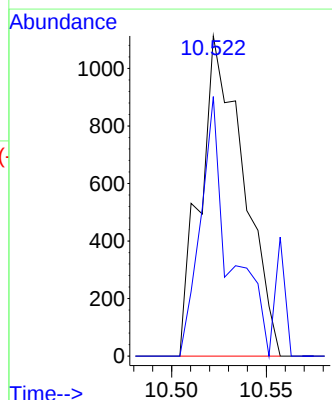
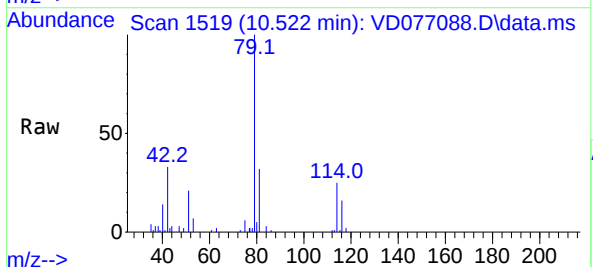
Instrument :
MSVOA_D
ClientSampleId :

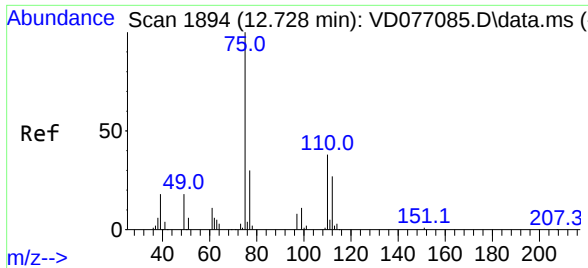
Tgt Ion: 63 Resp: 9347
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#44
trans-1,3-Dichloropropene
Concen: 0.417 ug/L
RT: 10.522 min Scan# 1519
Delta R.T. -0.029 min
Lab File: VD077088.D
Acq: 12 Sep 2023 13:11

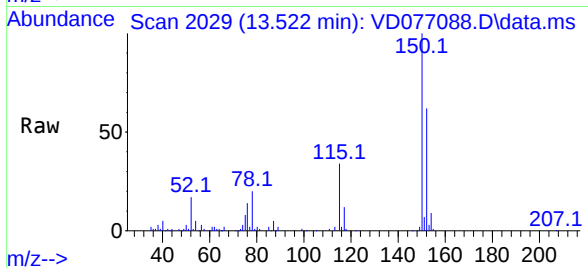
Tgt Ion: 75 Resp: 1773
Ion Ratio Lower Upper
75 100
77 81.0 22.5 41.9#





#61
 1,2,3-Trichloropropane
 Concen: 6.342 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD077088.D
 Acq: 12 Sep 2023 13:11

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 8634

Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.6	40.0
110	1.9	33.6	50.4#

