

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113023\
 Data File : VD077713.D
 Acq On : 30 Nov 2023 18:15
 Operator : JC/SY
 Sample : 04929-08
 Misc : 4.78G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 30 23:02:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 30 23:00:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	369950	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	275491	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	86191	25.000	ug/L	# 0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	255339	25.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.240%
7) Chloroethane-d5	2.805	69	208871	25.974	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.880%
11) 1,1-Dichloroethene-d2	3.922	65	60656	23.188	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.760%
21) 2-Butanone-d5	6.987	46	61957	48.591	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.180%
24) Chloroform-d	7.569	84	242976	24.369	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.480%
26) 1,2-Dichloroethane-d4	8.346	65	229	0.045	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.200%#
32) Benzene-d6	8.204	84	498655	30.054	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.200%
36) 1,2-Dichloropropane-d6	9.210	67	158719	31.352	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.400%#
41) Toluene-d8	10.269	98	373372	24.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	10.528	79	64587	28.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.400%
47) 2-Hexanone-d5	10.881	63	53963	61.859	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.720%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	82240	22.481	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.920%
66) 1,2-Dichlorobenzene-d4	13.822	152	65702	21.308	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.240%

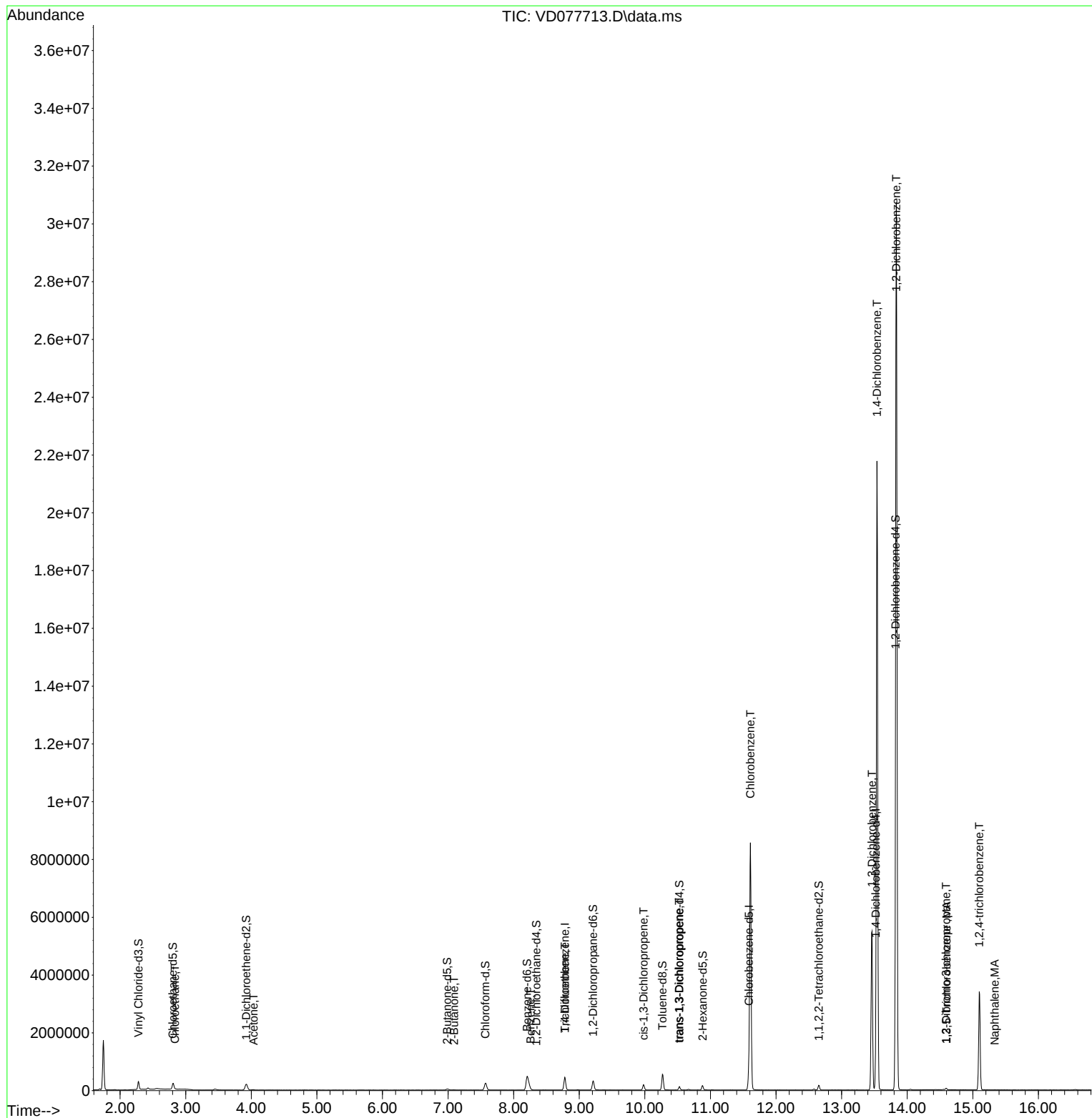
Target Compounds						Qvalue
8) Chloroethane	2.834	64	2377	0.360	ug/L #	49
13) Acetone	4.034	43	18357	11.237	ug/L	78
22) 2-Butanone	7.093	43	3563	1.938	ug/L	99
33) Benzene	8.257	78	15089	0.841	ug/L	100
34) Trichloroethene	8.781	95	11175	2.511	ug/L #	5
39) cis-1,3-Dichloropropene	9.981	75	4748	0.650	ug/L #	55
44) trans-1,3-Dichloropropene	10.522	75	2950	0.484	ug/L #	66
51) Chlorobenzene	11.610	112	4499559	381.005	ug/L	97
64) 1,3-Dichlorobenzene	13.463	146	2241655	402.911	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	8057606	1395.693	ug/L	95
67) 1,2-Dichlorobenzene	13.834	146	11270608	2251.244	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.592	75	2824	7.554	ug/L #	1
69) 1,3,5-Trichlorobenzene	14.598	180	15997	4.223	ug/L	94
70) 1,2,4-trichlorobenzene	15.098	180	1058036	328.973	ug/L	99
71) Naphthalene	15.333	128	2488	0.423	ug/L #	92

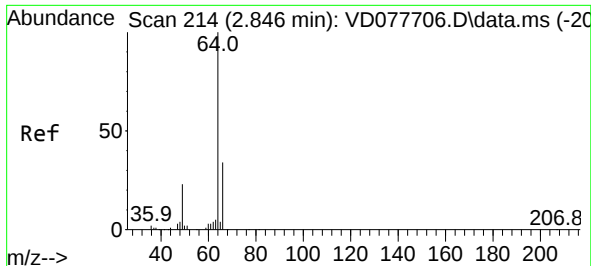
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Nov 30 23:00:23 2023
Response via : Initial Calibration

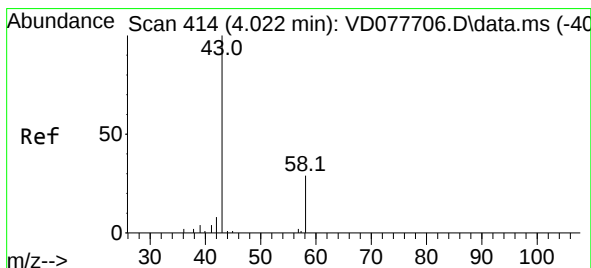
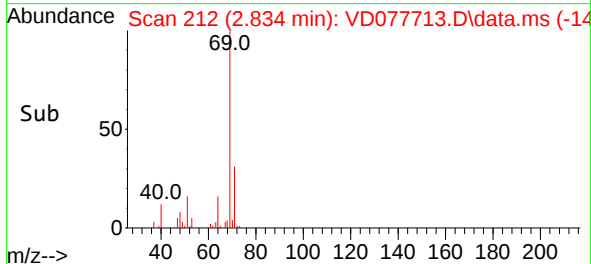
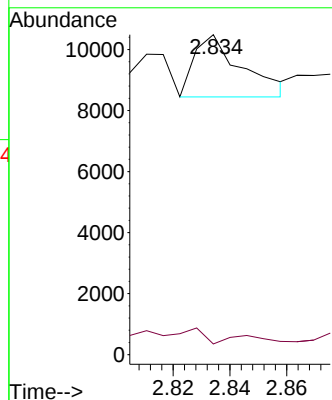
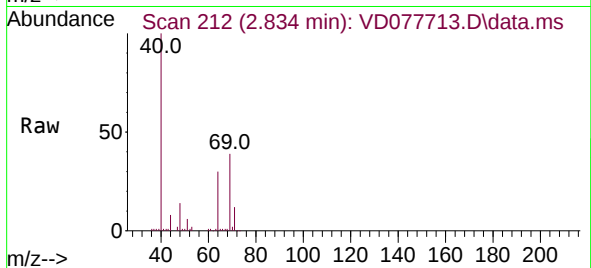




#8
Chloroethane
Concen: 0.360 ug/L
RT: 2.834 min Scan# 214
Delta R.T. -0.012 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

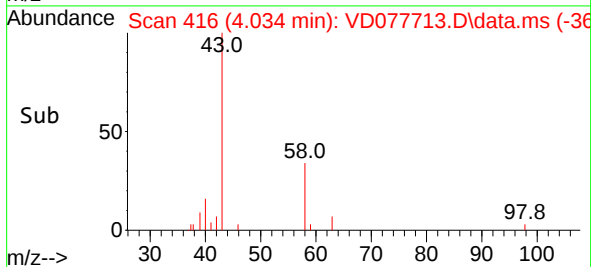
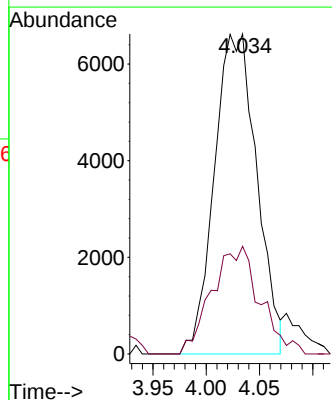
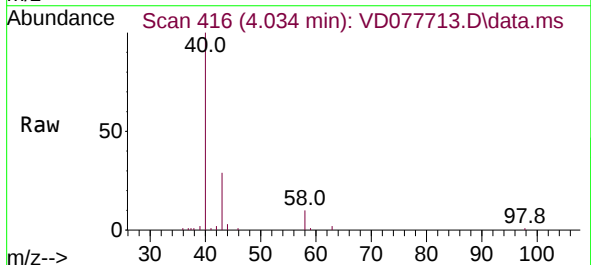
Instrument :
MSVOA_D
ClientSampleId :

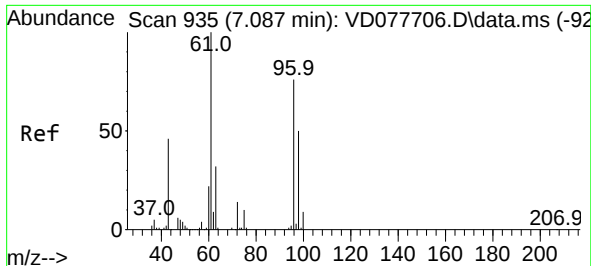
Tgt Ion: 64 Resp: 2377
Ion Ratio Lower Upper
64 100
66 3.3 22.0 41.0#



#13
Acetone
Concen: 11.237 ug/L
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

Tgt Ion: 43 Resp: 18357
Ion Ratio Lower Upper
43 100
58 21.1 0.0 67.2

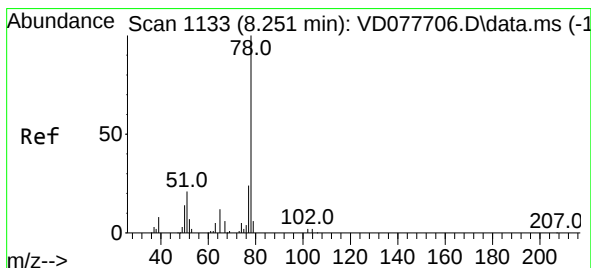
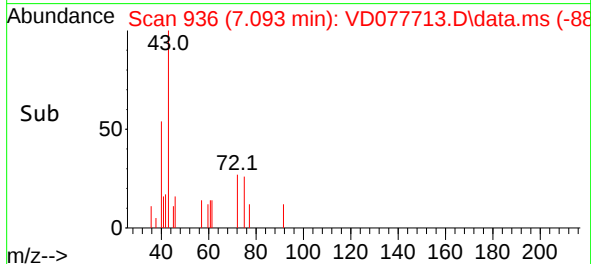
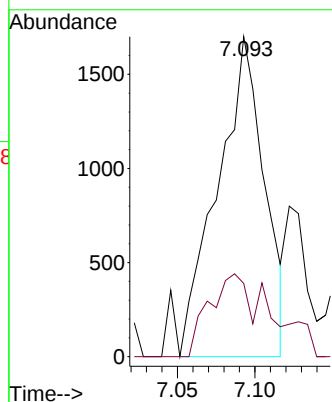
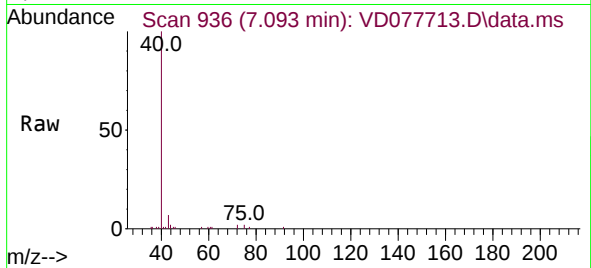




#22
2-Butanone
Concen: 1.938 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

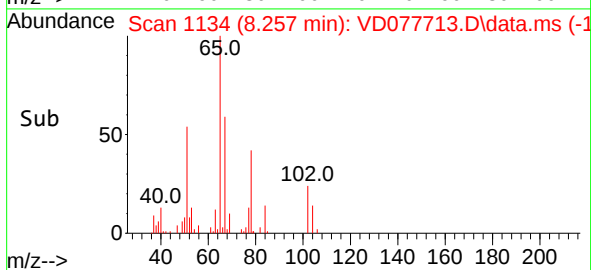
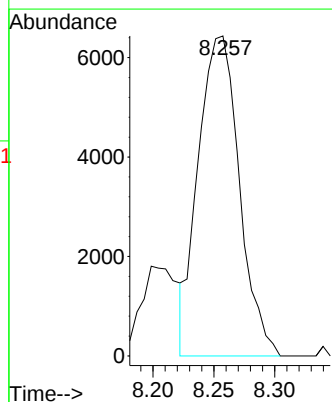
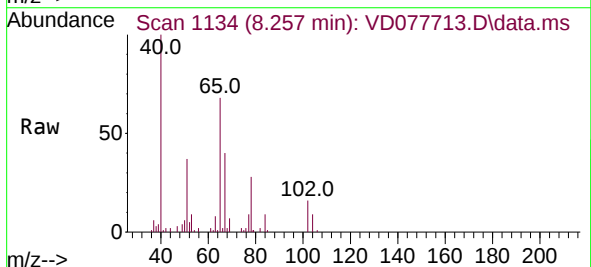
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ClientSampleId :

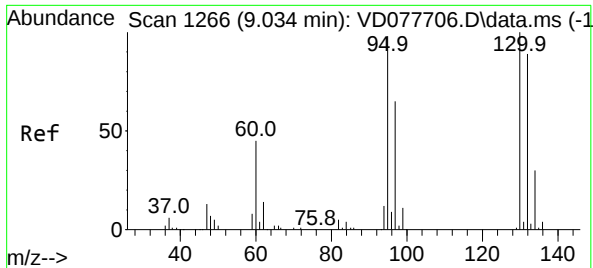
Tgt Ion: 43 Resp: 3563
Ion Ratio Lower Upper
43 100
72 13.9 7.2 21.6



#33
Benzene
Concen: 0.841 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

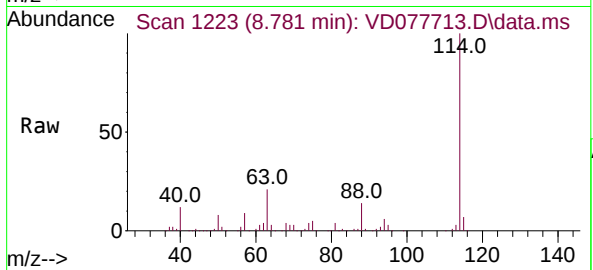
Tgt Ion: 78 Resp: 15089



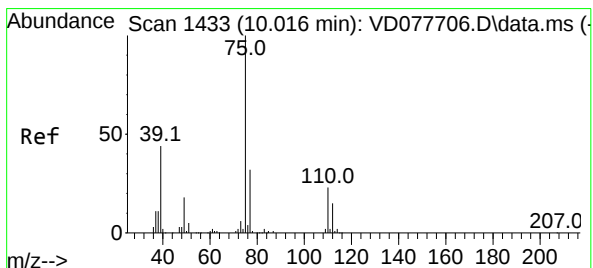
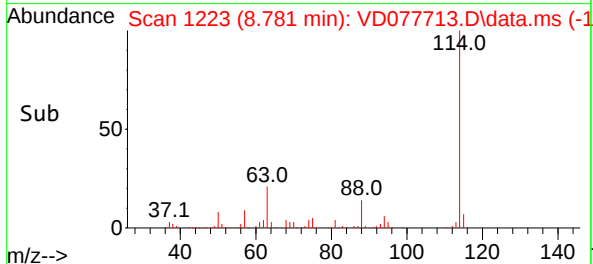
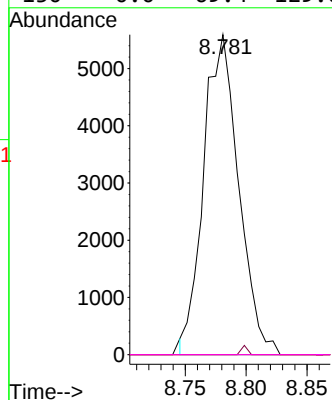


#34
Trichloroethene
Concen: 2.511 ug/L
RT: 8.781 min Scan# 11175
Delta R.T. -0.253 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

Instrument :
MSVOA_D
ClientSampleId :

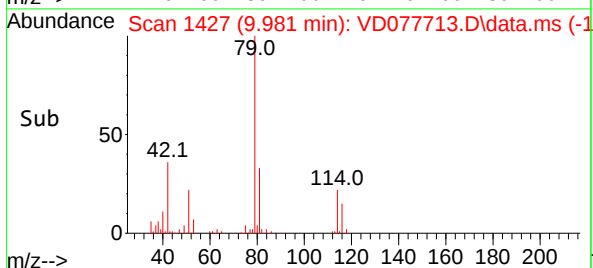
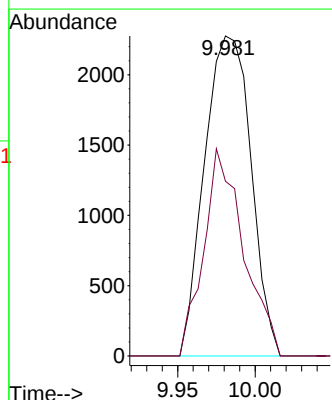
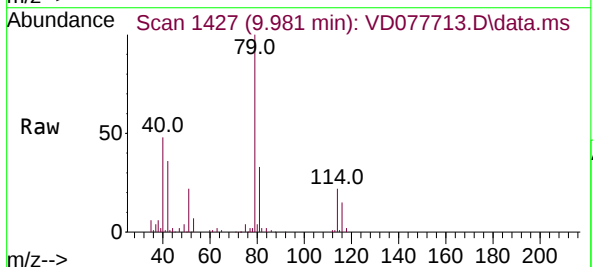


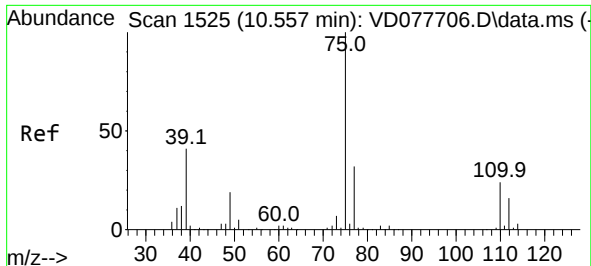
Tgt Ion: 95 Resp: 11175
Ion Ratio Lower Upper
95 100
97 0.0 44.2 82.0#
132 0.0 67.5 125.3#
130 0.0 69.4 129.0#



#39
cis-1,3-Dichloropropene
Concen: 0.650 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

Tgt Ion: 75 Resp: 4748
Ion Ratio Lower Upper
75 100
77 54.6 21.2 39.4#

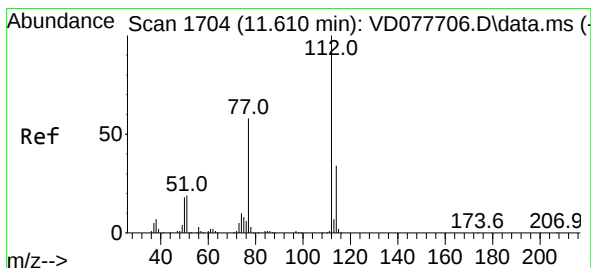
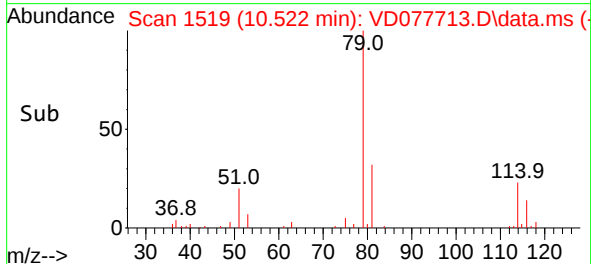
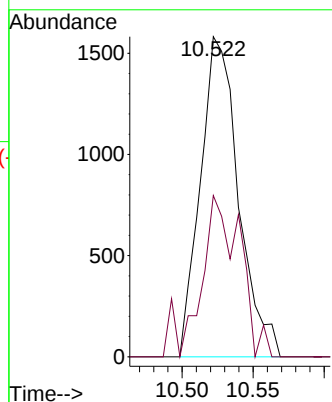
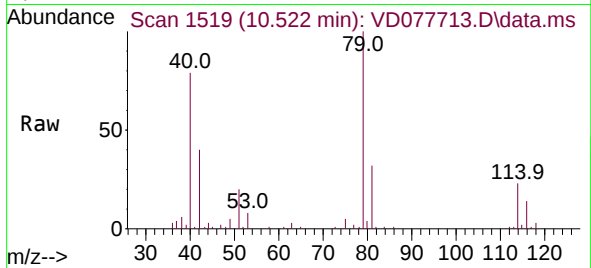




#44
trans-1,3-Dichloropropene
Concen: 0.484 ug/L
RT: 10.522 min Scan# 1519
Delta R.T. -0.035 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

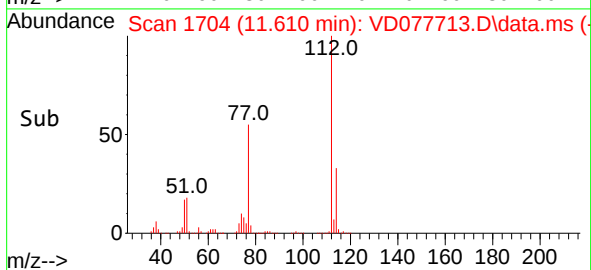
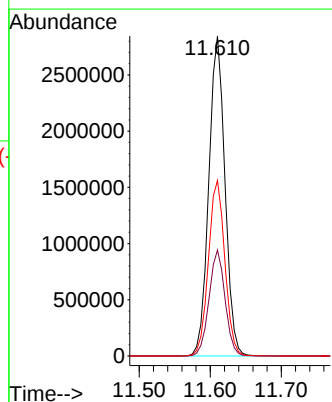
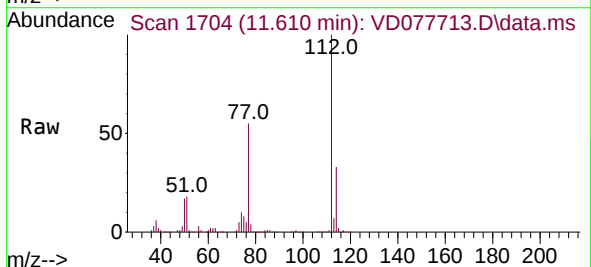
Instrument :
MSVOA_D
ClientSampleId :

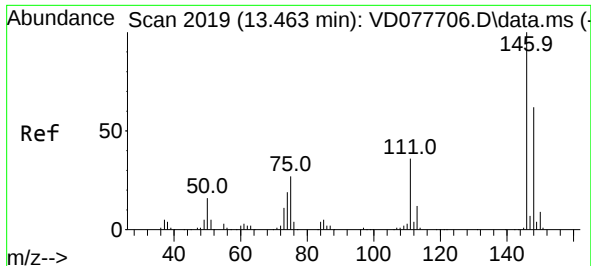
Tgt Ion: 75 Resp: 2950
Ion Ratio Lower Upper
75 100
77 50.4 22.0 40.8#



#51
Chlorobenzene
Concen: 381.005 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

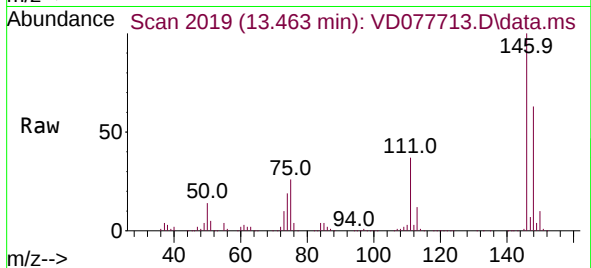
Tgt Ion:112 Resp: 4499559
Ion Ratio Lower Upper
112 100
114 33.1 22.5 41.9
77 54.8 46.4 69.6



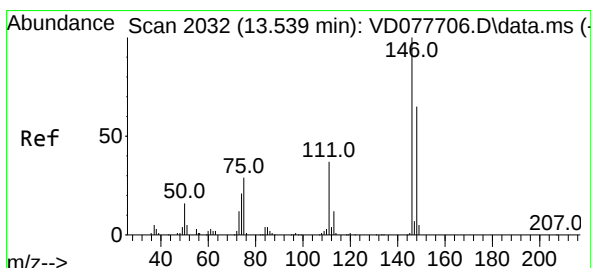
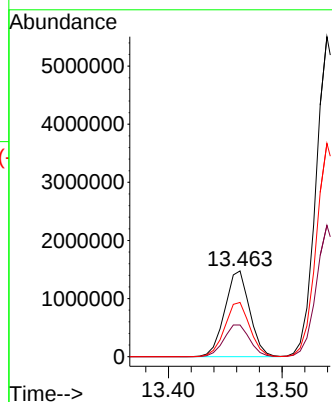
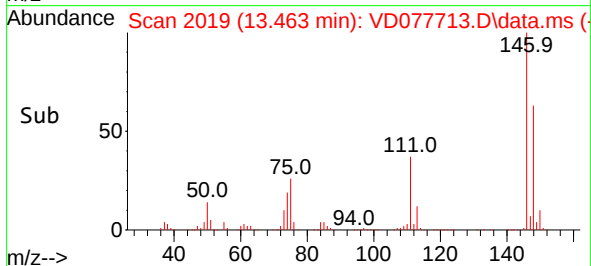


#64
1,3-Dichlorobenzene
Concen: 402.911 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

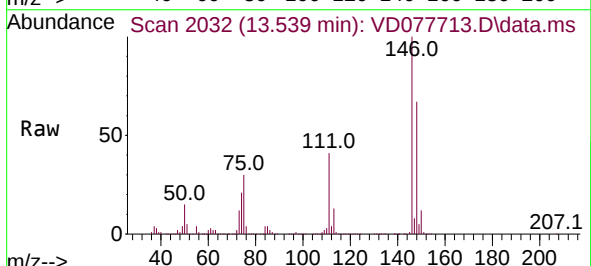
Instrument :
MSVOA_D
ClientSampleId :



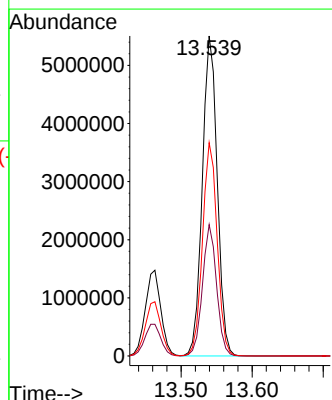
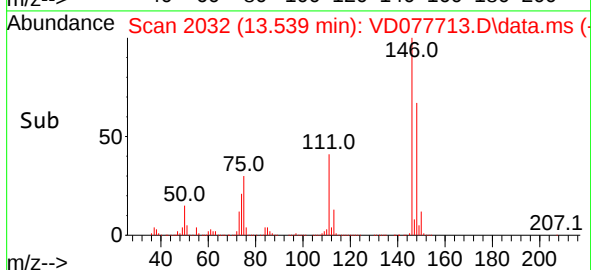
Tgt Ion:146 Resp: 2241655
Ion Ratio Lower Upper
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111 36.9 26.6 49.4
148 63.2 44.0 81.6

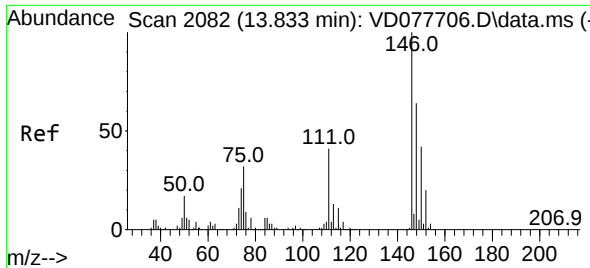


#65
1,4-Dichlorobenzene
Concen: 1395.693 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15



Tgt Ion:146 Resp: 8057606
Ion Ratio Lower Upper
146 100
111 41.0 26.4 49.0
148 66.6 44.0 81.8

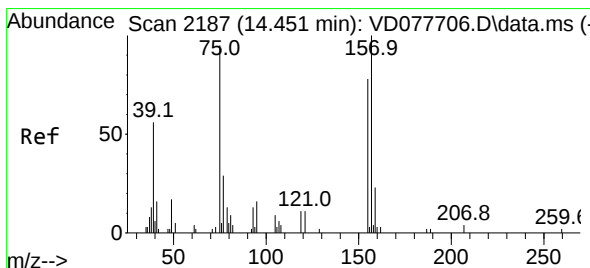
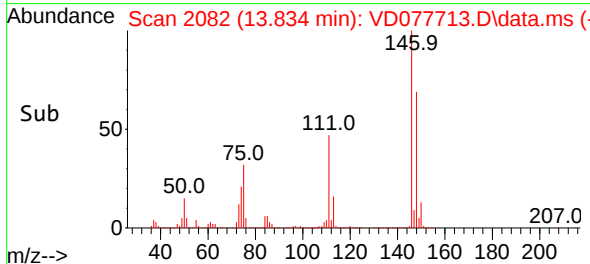
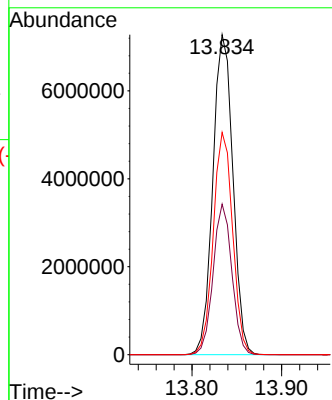
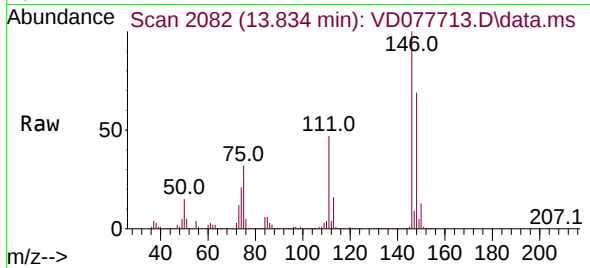




#67
1,2-Dichlorobenzene
Concen: 2251.244 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

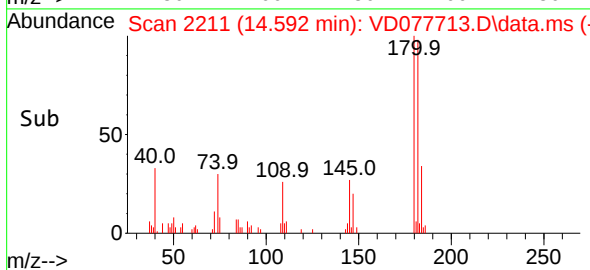
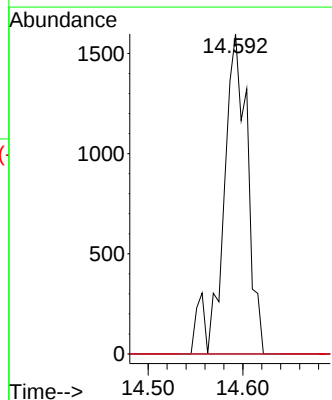
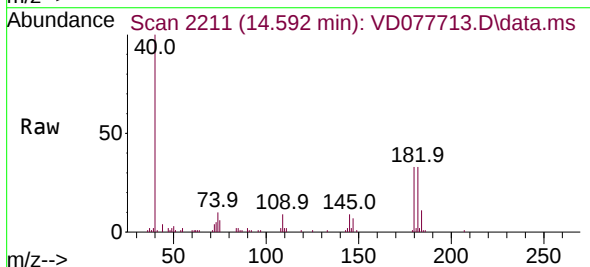
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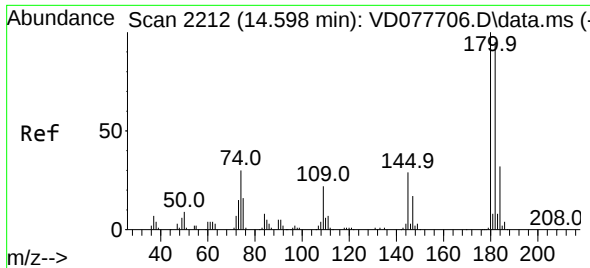
Tgt Ion:146 Resp:11270608
Ion Ratio Lower Upper
146 100
111 47.1 31.4 47.2
148 69.4 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 7.554 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. 0.141 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

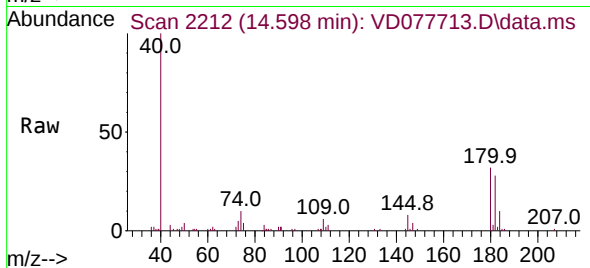
Tgt Ion: 75 Resp: 2824
Ion Ratio Lower Upper
75 100
155 0.0 69.2 103.8#
157 0.0 86.6 130.0#



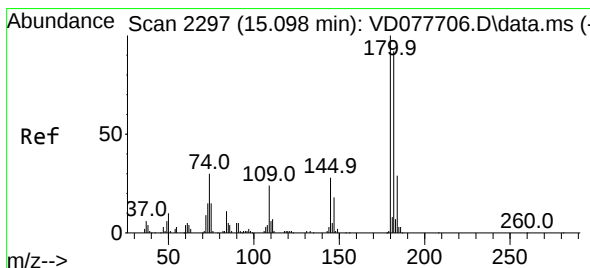
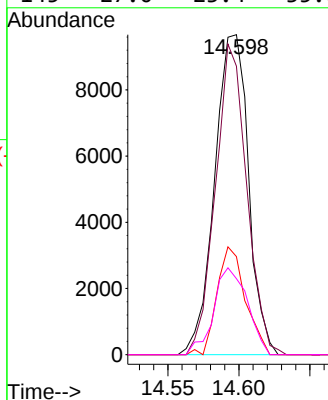
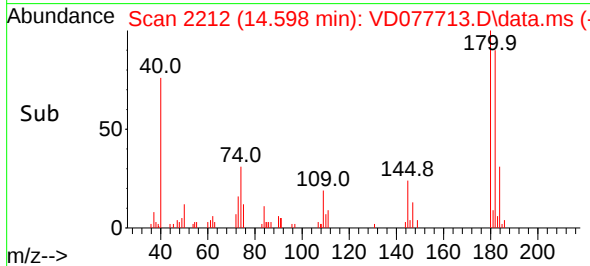


#69
 1,3,5-Trichlorobenzene
 Concen: 4.223 ug/L
 RT: 14.598 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: VD077713.D
 Acq: 30 Nov 2023 18:15

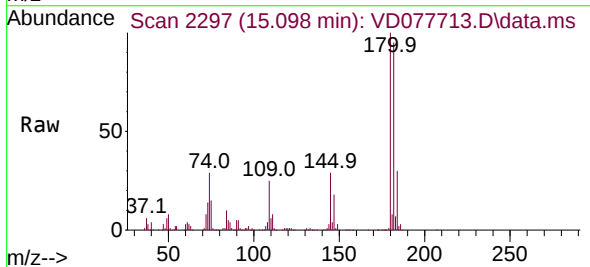
Instrument :
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 ClientSampleId :



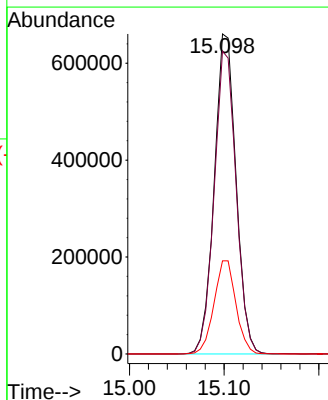
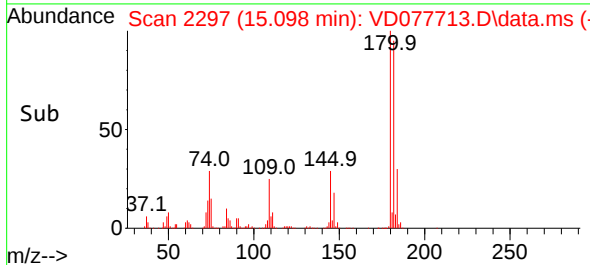
Tgt Ion:180 Resp: 15997
 Ion Ratio Lower Upper
 180 100
 182 89.7 77.0 115.4
 184 28.0 24.3 36.5
 145 27.0 23.4 35.0

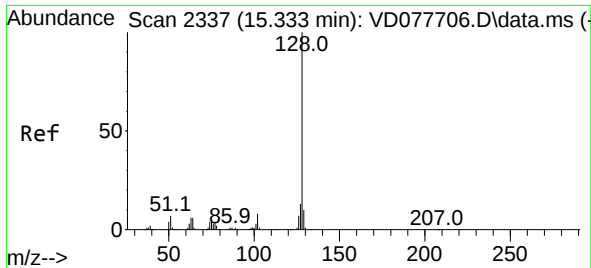


#70
 1,2,4-trichlorobenzene
 Concen: 328.973 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD077713.D
 Acq: 30 Nov 2023 18:15



Tgt Ion:180 Resp: 1058036
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.0 115.6
 145 29.3 23.9 35.9





#71

Naphthalene

Concen: 0.423 ug/L

RT: 15.333 min Scan# 21

Delta R.T. 0.000 min

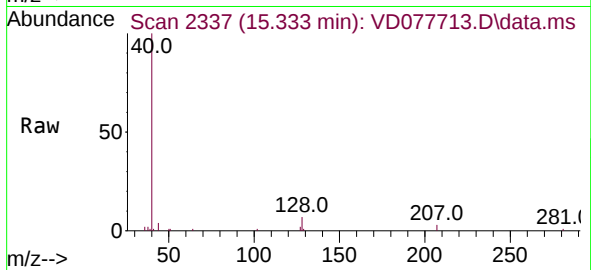
Lab File: VD077713.D

Acq: 30 Nov 2023 18:15

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:128 Resp: 2488

Ion Ratio Lower Upper

128 100

127 18.6 10.5 15.7#

129 10.4 8.7 13.1

