

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120123\
 Data File : VD077721.D
 Acq On : 01 Dec 2023 11:18
 Operator : JC/SY
 Sample : 04929-09RE
 Misc : 4.39G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 04 03:10:21 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)

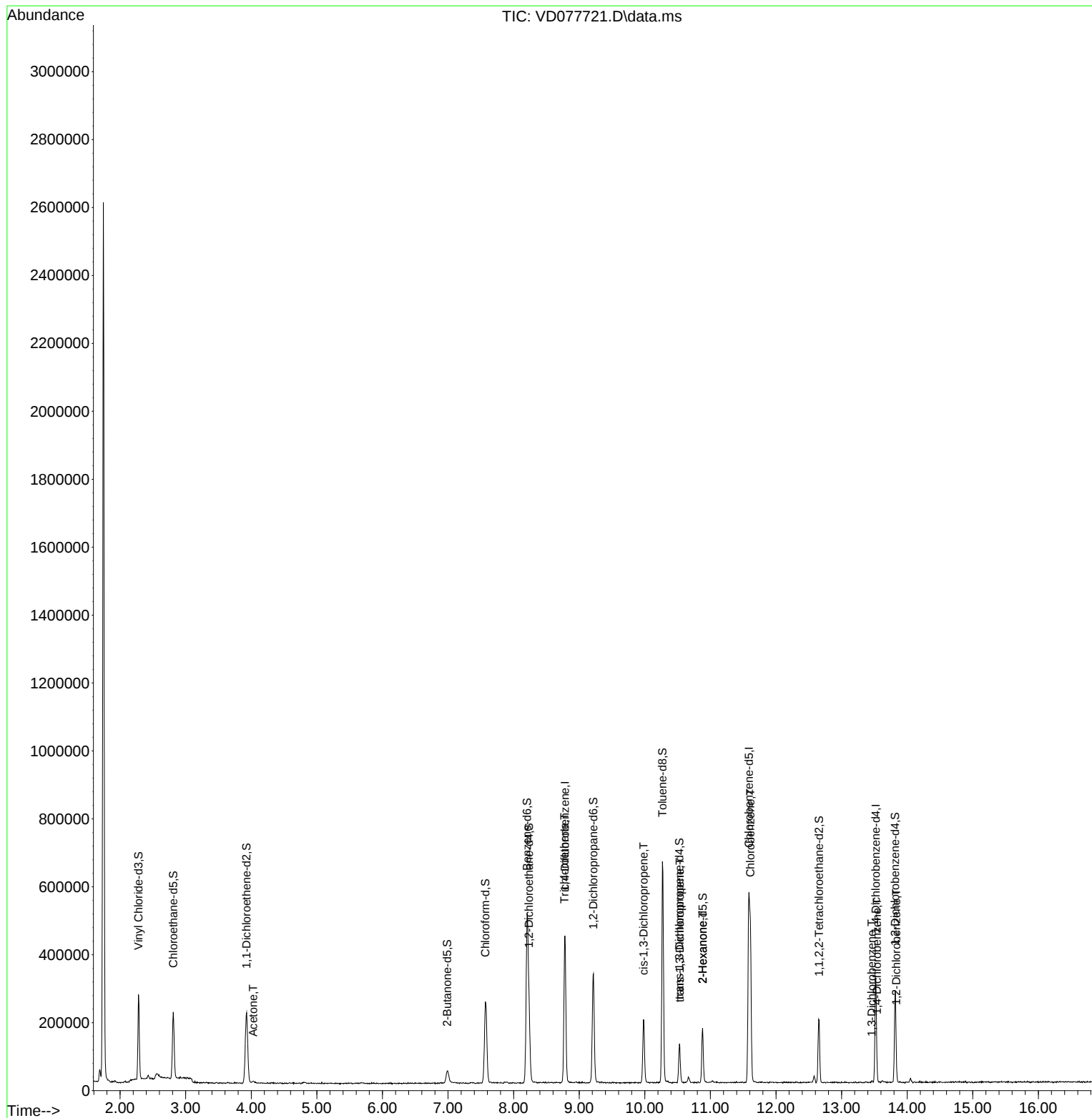
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	381066	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	295521	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	81134	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	230938	22.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.880%
7) Chloroethane-d5	2.811	69	196355	23.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.840%
11) 1,1-Dichloroethene-d2	3.928	65	63064	23.405	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.640%
21) 2-Butanone-d5	6.987	46	68181	51.913	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.820%
24) Chloroform-d	7.569	84	255890	24.915	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.680%
26) 1,2-Dichloroethane-d4	8.234	65	138669	26.648	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	8.205	84	525596	29.531	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.120%
36) 1,2-Dichloropropane-d6	9.216	67	166753	30.707	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.840%#
41) Toluene-d8	10.269	98	437715	26.719	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.880%
43) trans-1,3-Dichloroprop...	10.528	79	64661	26.926	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.720%
47) 2-Hexanone-d5	10.881	63	56140	59.993	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.980%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	100774	25.680	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	73881	25.454	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.800%
Target Compounds						Qvalue
13) Acetone	4.028	43	7660	4.552	ug/L	78
34) Trichloroethene	8.775	95	11012	2.306	ug/L #	5
39) cis-1,3-Dichloropropene	9.981	75	5041	0.644	ug/L #	75
44) trans-1,3-Dichloropropene	10.534	75	2961	0.453	ug/L	99
48) 2-Hexanone	10.881	43	6622	2.815	ug/L #	66
51) Chlorobenzene	11.610	112	238316	18.812	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	1956	0.373	ug/L #	76
65) 1,4-Dichlorobenzene	13.540	146	2831	0.521	ug/L	95
67) 1,2-Dichlorobenzene	13.834	146	1894	0.402	ug/L #	85

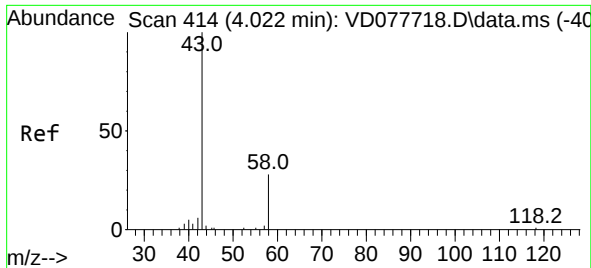
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Dec 04 03:09:24 2023
Response via : Initial Calibration





#13

Acetone

Concen: 4.552 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD077721.D

Acq: 01 Dec 2023 11:18

Instrument :

MSVOA_D

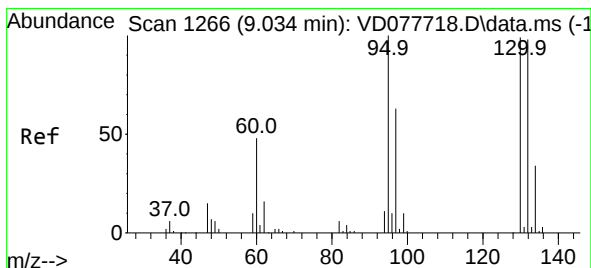
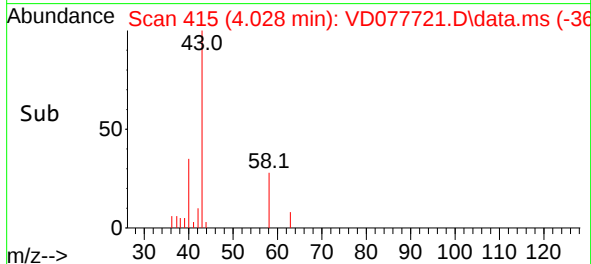
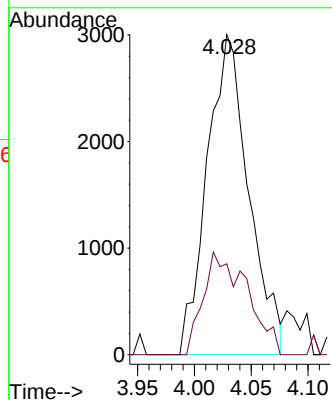
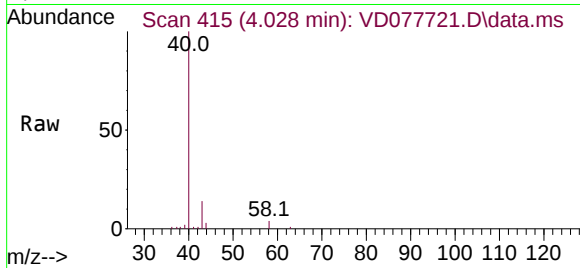
ClientSampleId :

Tgt Ion: 43 Resp: 7660

Ion Ratio Lower Upper

43 100

58 21.3 0.0 67.2



#34

Trichloroethene

Concen: 2.306 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.259 min

Lab File: VD077721.D

Acq: 01 Dec 2023 11:18

Tgt Ion: 95 Resp: 11012

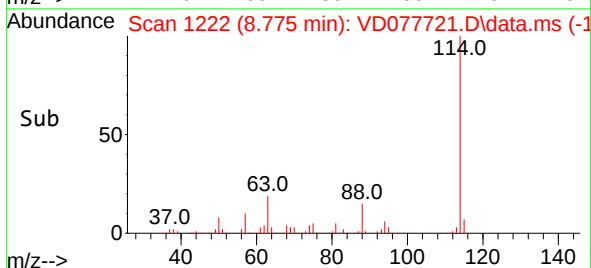
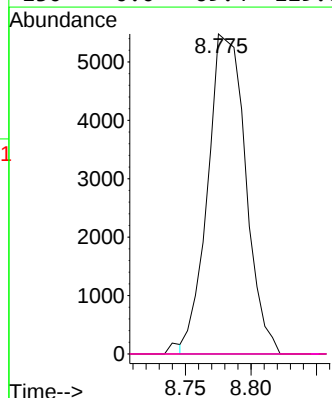
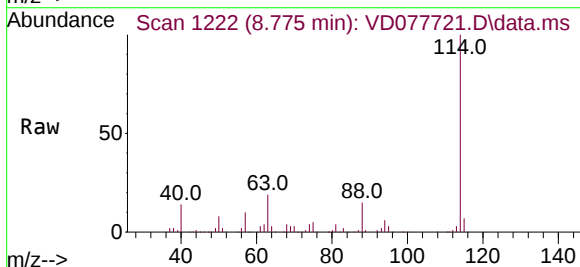
Ion Ratio Lower Upper

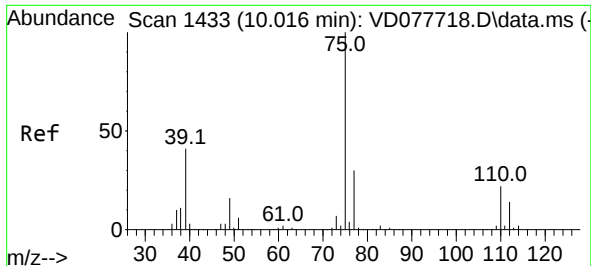
95 100

97 0.0 44.2 82.0#

132 0.0 67.5 125.3#

130 0.0 69.4 129.0#

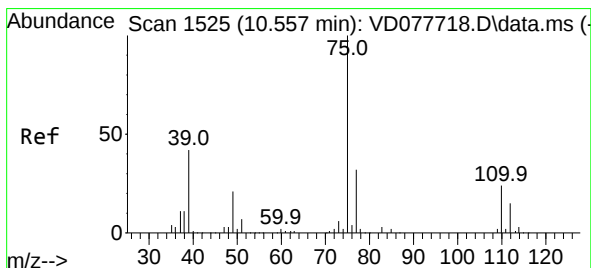
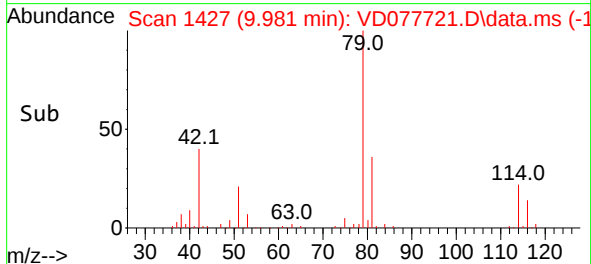
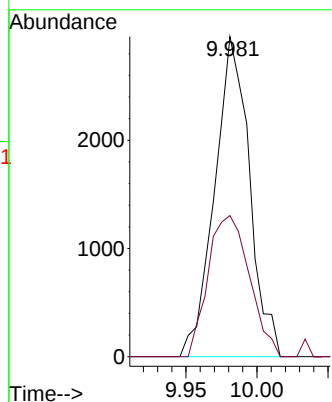
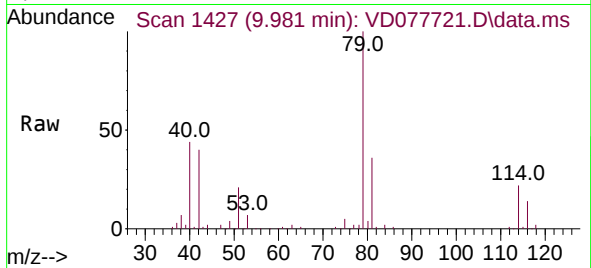




#39
cis-1,3-Dichloropropene
Concen: 0.644 ug/L
RT: 9.981 min Scan# 1433
Delta R.T. -0.035 min
Lab File: VD077721.D
Acq: 01 Dec 2023 11:18

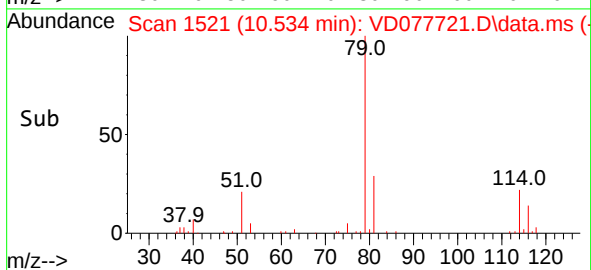
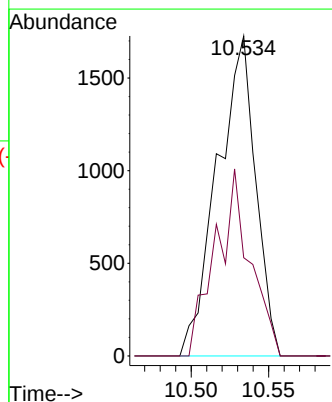
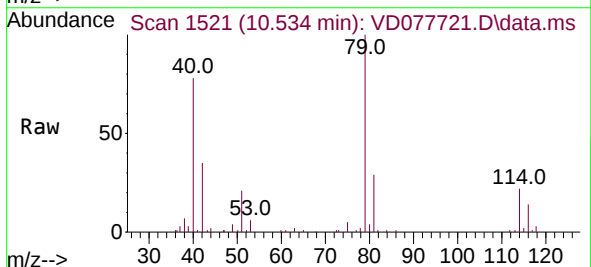
Instrument :
MSVOA_D
ClientSampleId :

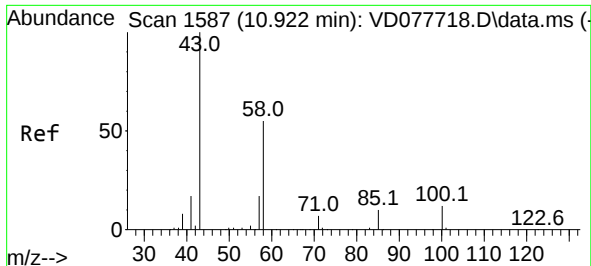
Tgt Ion: 75 Resp: 5041
Ion Ratio Lower Upper
75 100
77 44.1 21.2 39.4#



#44
trans-1,3-Dichloropropene
Concen: 0.453 ug/L
RT: 10.534 min Scan# 1521
Delta R.T. -0.023 min
Lab File: VD077721.D
Acq: 01 Dec 2023 11:18

Tgt Ion: 75 Resp: 2961
Ion Ratio Lower Upper
75 100
77 30.7 22.0 40.8

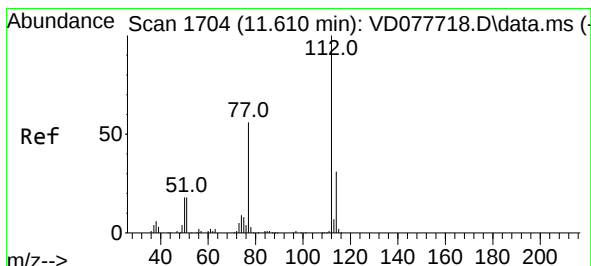
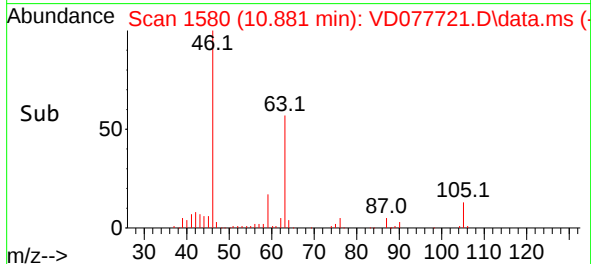
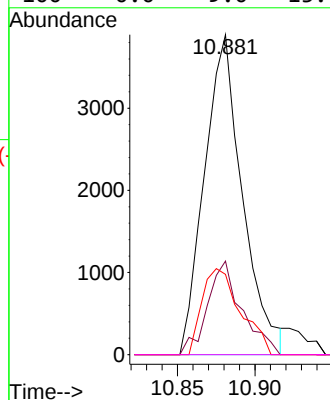
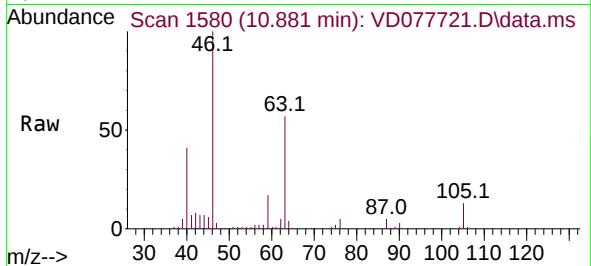




#48
2-Hexanone
Concen: 2.815 ug/L
RT: 10.881 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD077721.D
Acq: 01 Dec 2023 11:18

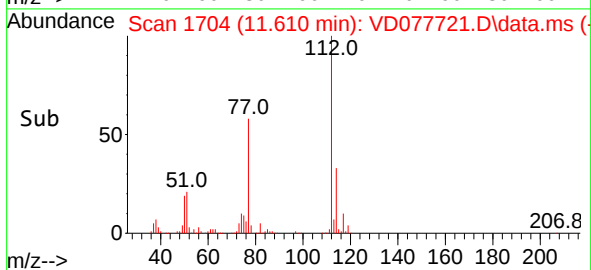
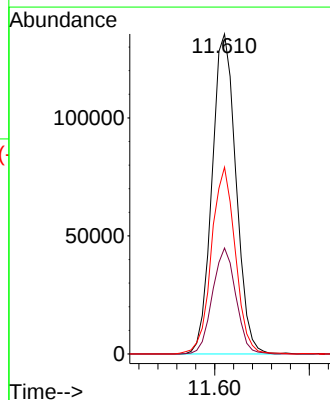
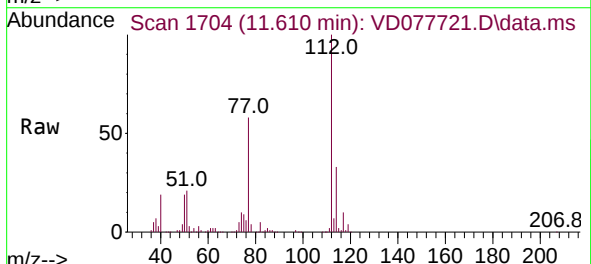
Instrument :
MSVOA_D
ClientSampleId :

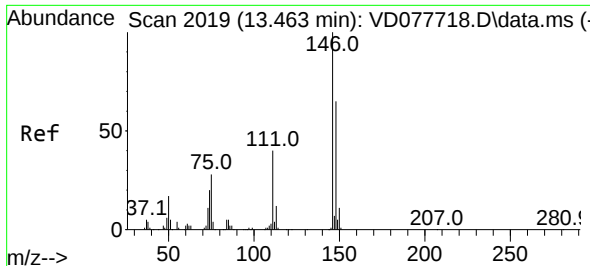
Tgt Ion: 43	Resp: 6622
Ion Ratio	Lower Upper
43 100	
58 26.4	43.0 64.6#
57 27.3	13.8 20.8#
100 0.0	9.0 13.4#



#51
Chlorobenzene
Concen: 18.812 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077721.D
Acq: 01 Dec 2023 11:18

Tgt Ion:112	Resp: 238316		
Ion Ratio	Lower	Upper	
112 100			
114 33.1	22.5	41.9	
77 58.4	46.4	69.6	

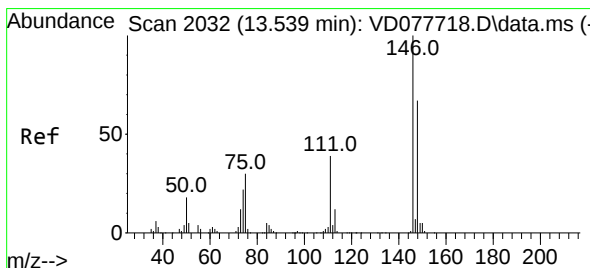
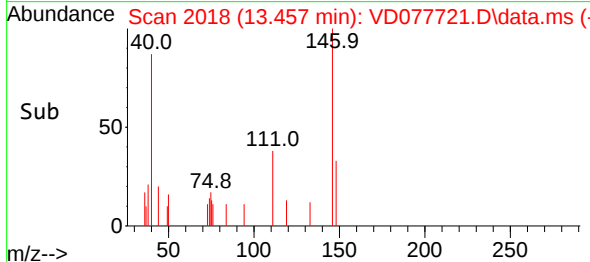
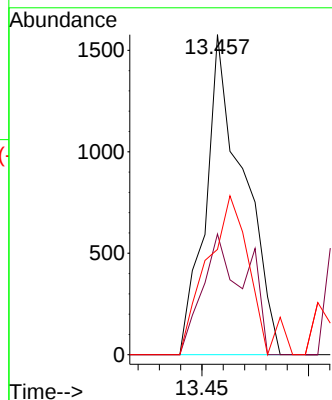
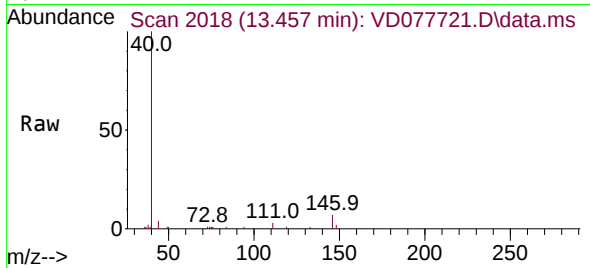




#64
1,3-Dichlorobenzene
Concen: 0.373 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD077721.D
Acq: 01 Dec 2023 11:18

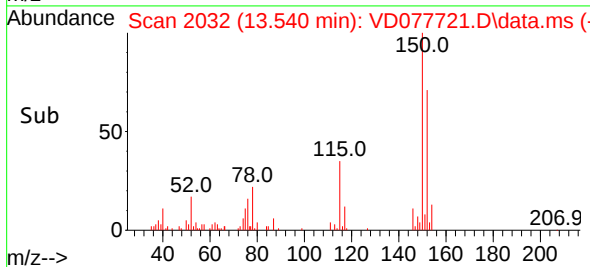
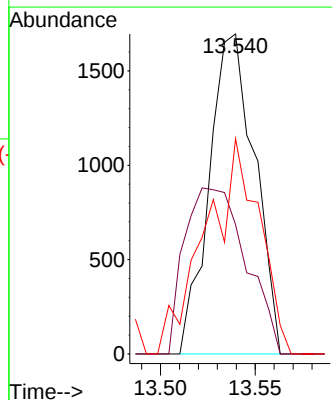
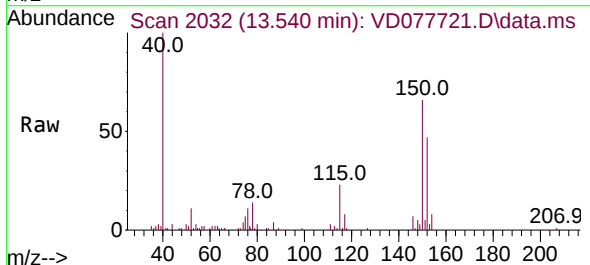
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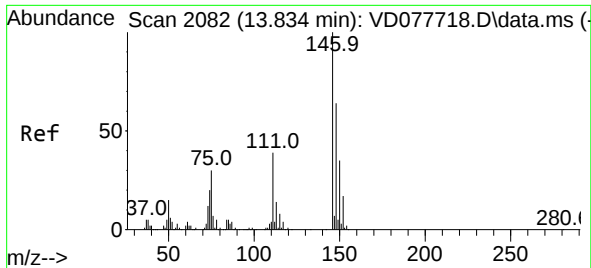
Tgt Ion:146 Resp: 1956
Ion Ratio Lower Upper
146 100
111 37.7 26.6 49.4
148 32.9 44.0 81.6#



#65
1,4-Dichlorobenzene
Concen: 0.521 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077721.D
Acq: 01 Dec 2023 11:18

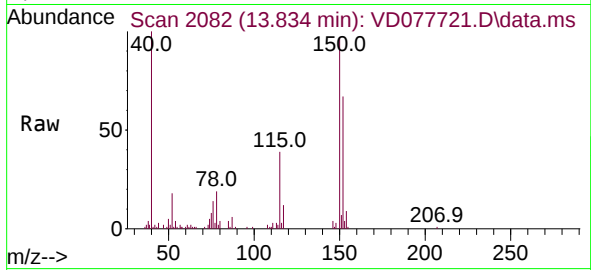
Tgt Ion:146 Resp: 2831
Ion Ratio Lower Upper
146 100
111 40.4 26.4 49.0
148 67.3 44.0 81.8





#67
 1,2-Dichlorobenzene
 Concen: 0.402 ug/L
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD077721.D
 Acq: 01 Dec 2023 11:18

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	146	Resp:	1894
Ion	Ratio	Lower	Upper
146	100		
111	58.6	31.4	47.2#
148	59.5	50.2	75.2

