

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112223\
 Data File : VD077661.D
 Acq On : 22 Nov 2023 10:58
 Operator : JC/SY
 Sample : 05437-08RE
 Misc : 7.12G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 23 00:30:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 22 01:40:25 2023
 Response via : Initial Calibration

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

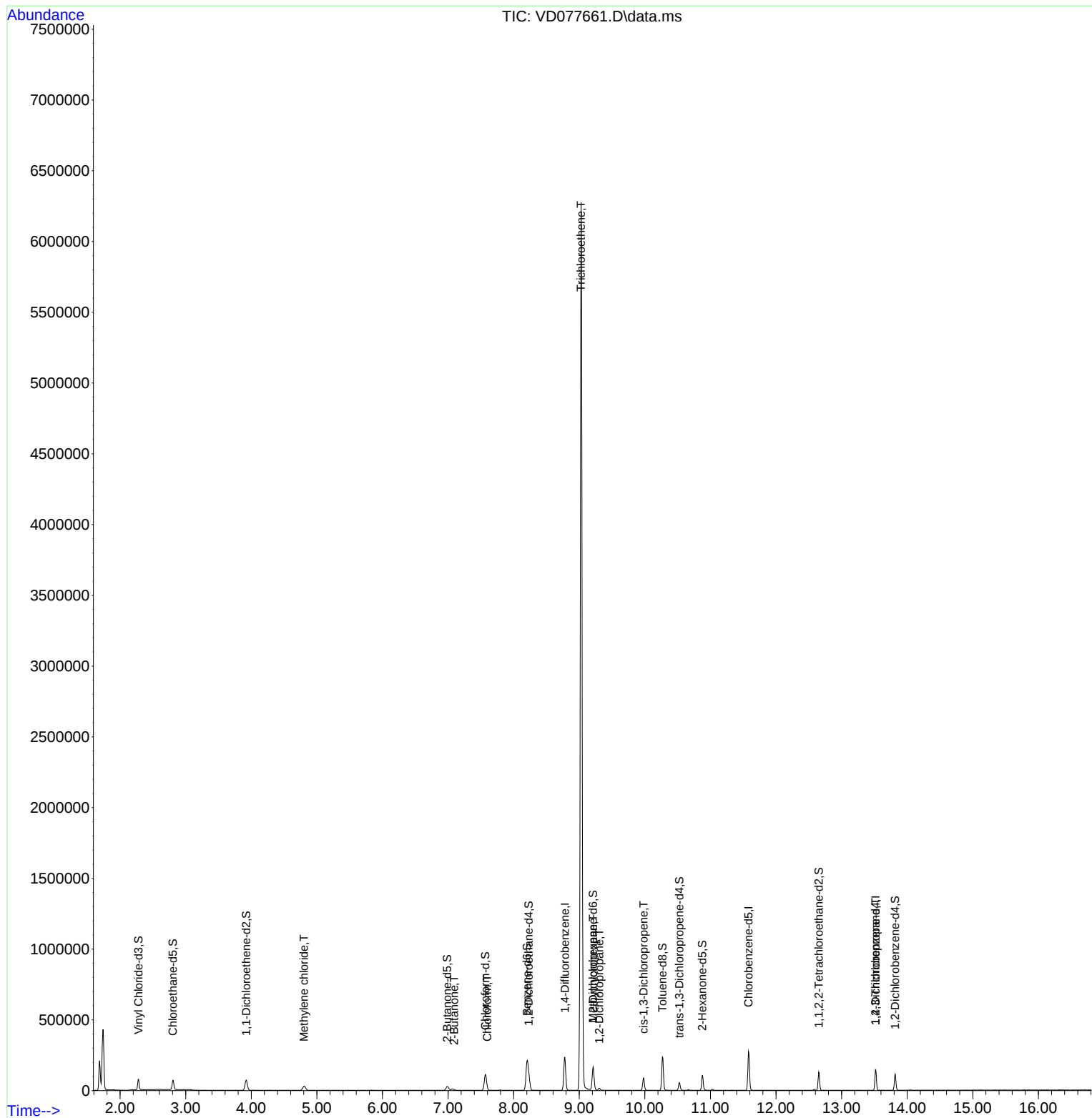
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	199302	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	149319	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	37006	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	70405	13.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.560%
7) Chloroethane-d5	2.805	69	69140	17.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.440%
11) 1,1-Dichloroethene-d2	3.922	65	21901	13.970	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.880%
21) 2-Butanone-d5	6.987	46	50680	57.736	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.480%
24) Chloroform-d	7.569	84	114658	19.915	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.680%
26) 1,2-Dichloroethane-d4	8.228	65	73594	24.031	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.120%
32) Benzene-d6	8.204	84	211214	21.794	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.160%
36) 1,2-Dichloropropane-d6	9.210	67	80555	25.518	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.080%
41) Toluene-d8	10.269	98	161601	18.453	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	10.528	79	31346	23.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.120%
47) 2-Hexanone-d5	10.875	63	36892	65.329	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.660%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	62820	30.036	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.160%#
66) 1,2-Dichlorobenzene-d4	13.816	152	29687	22.550	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.200%
Target Compounds						Qvalue
16) Methylene chloride	4.804	84	22305	6.629	ug/L	92
22) 2-Butanone	7.093	43	918	0.827	ug/L	97
25) Chloroform	7.598	83	1925	0.350	ug/L	98
34) Trichloroethene	9.028	95	2090802	814.875	ug/L	91
35) Methylcyclohexane	9.210	83	17525	3.785	ug/L #	16
37) 1,2-Dichloropropane	9.304	63	6115	2.124	ug/L #	97
39) cis-1,3-Dichloropropene	9.981	75	2555	0.578	ug/L #	61
61) 1,2,3-Trichloropropane	13.516	75	5545	7.034	ug/L #	66

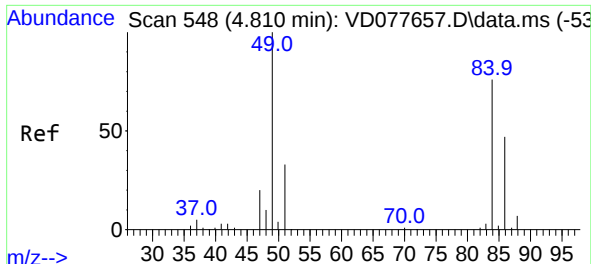
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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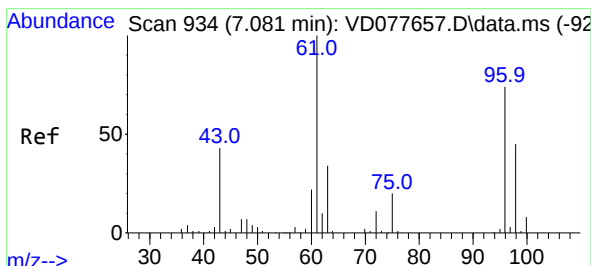
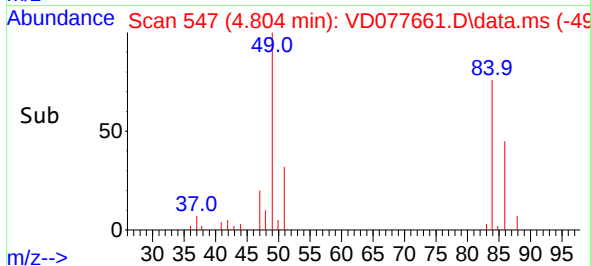
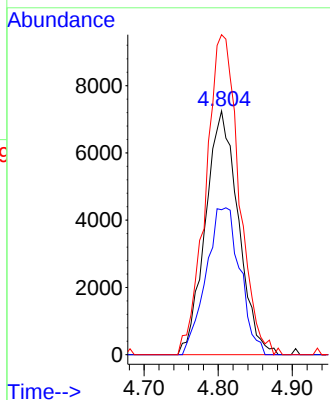
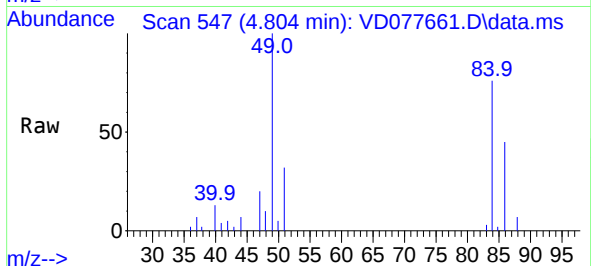


#16
Methylene chloride
Concen: 6.629 ug/L
RT: 4.804 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077661.D
Acq: 22 Nov 2023 10:58

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 22305

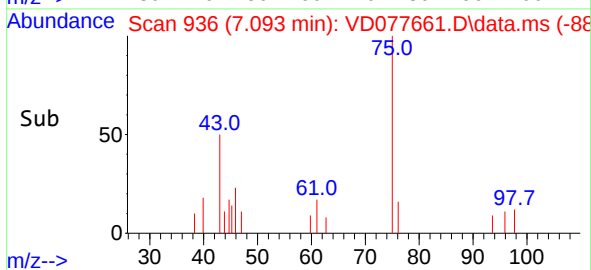
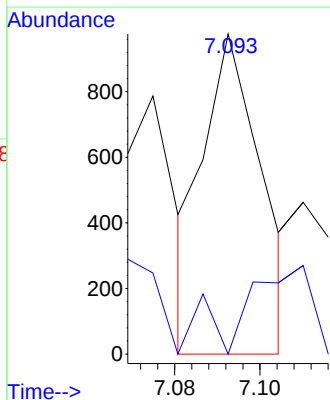
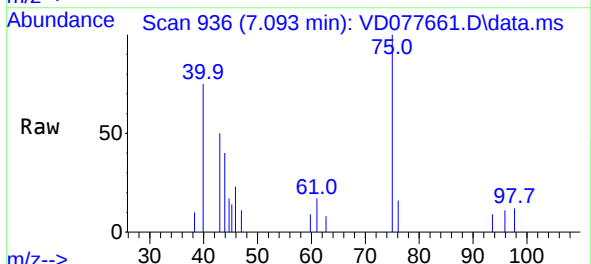
Ion	Ratio	Lower	Upper
84	100		
86	59.5	46.5	86.5
49	131.3	98.3	182.7

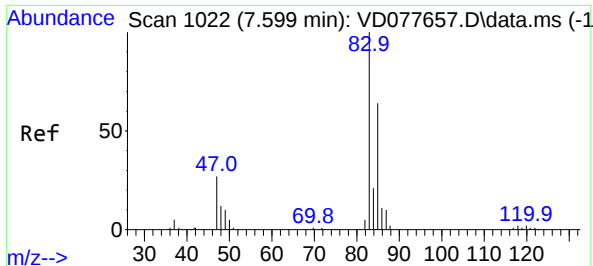


#22
2-Butanone
Concen: 0.827 ug/L
RT: 7.093 min Scan# 936
Delta R.T. 0.006 min
Lab File: VD077661.D
Acq: 22 Nov 2023 10:58

Tgt Ion: 43 Resp: 918

Ion	Ratio	Lower	Upper
43	100		
72	27.1	12.8	38.4





#25

Chloroform

Concen: 0.350 ug/L

RT: 7.598 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077661.D

Acq: 22 Nov 2023 10:58

Instrument :

MSVOA_D

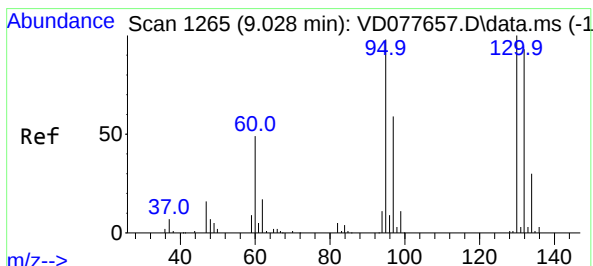
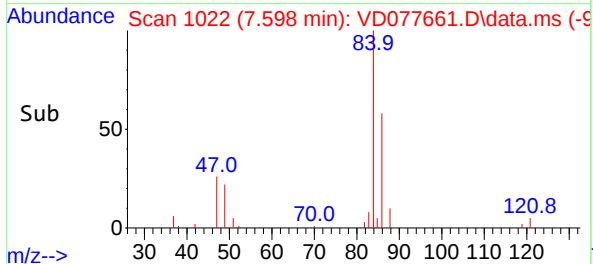
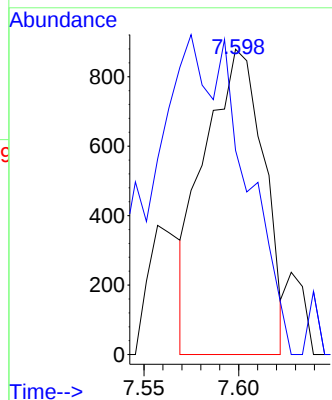
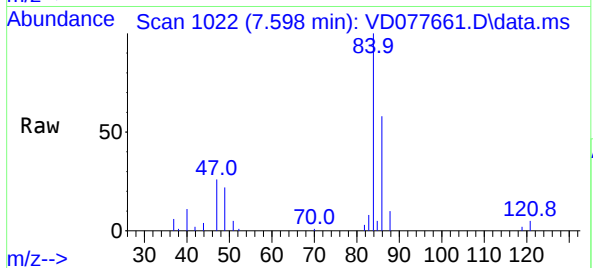
ClientSampleId :

Tgt Ion: 83 Resp: 1925

Ion Ratio Lower Upper

83 100

85 66.9 45.9 85.3



#34

Trichloroethene

Concen: 814.875 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. -0.006 min

Lab File: VD077661.D

Acq: 22 Nov 2023 10:58

Tgt Ion: 95 Resp: 2090802

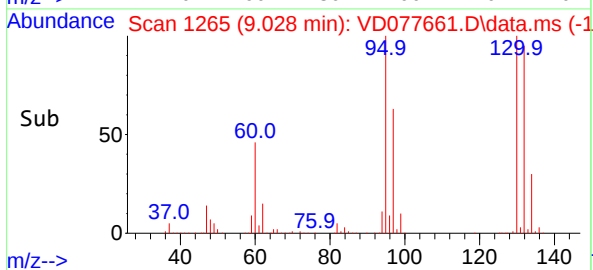
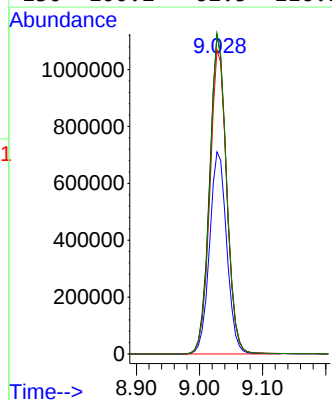
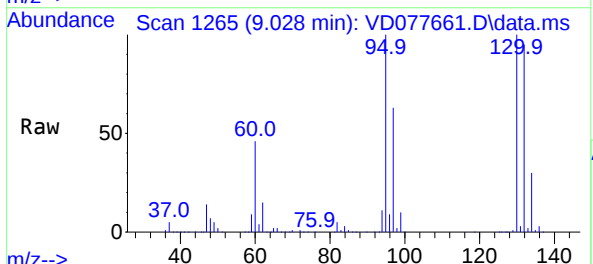
Ion Ratio Lower Upper

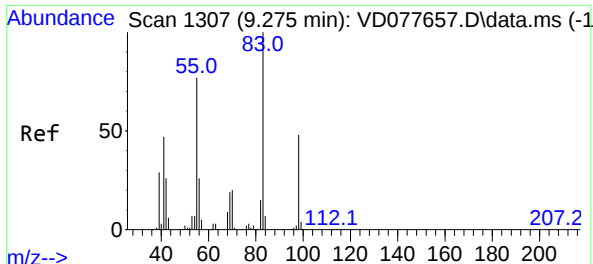
95 100

97 63.2 42.4 78.6

132 95.2 59.4 110.2

130 100.2 62.5 116.1





#35

Methylcyclohexane

Concen: 3.785 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.065 min

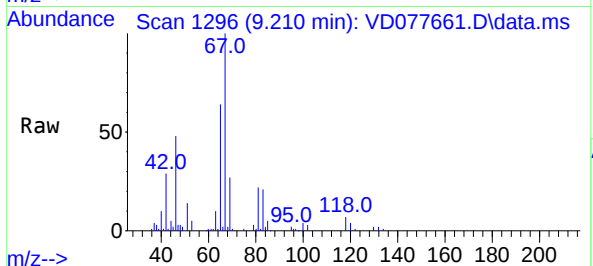
Lab File: VD077661.D

Acq: 22 Nov 2023 10:58

Instrument :

MSVOA_D

ClientSampleId :



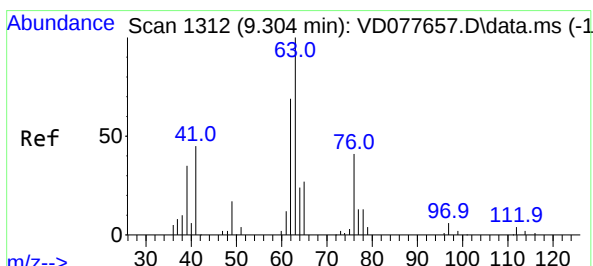
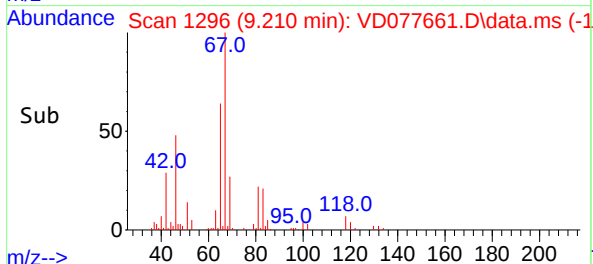
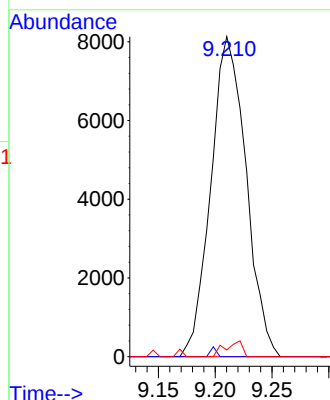
Tgt Ion: 83 Resp: 17525

Ion Ratio Lower Upper

83 100

55 0.0 66.5 99.7#

98 0.9 37.4 56.2#



#37

1,2-Dichloropropane

Concen: 2.124 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.006 min

Lab File: VD077661.D

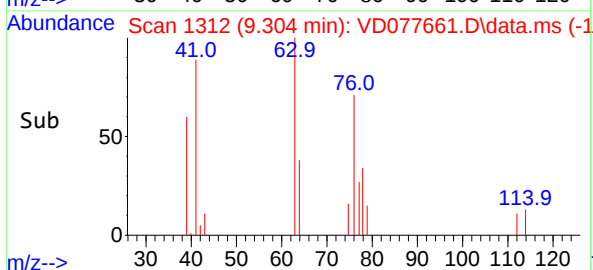
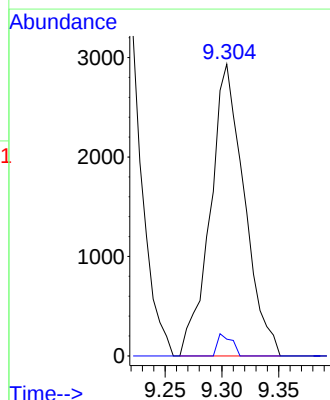
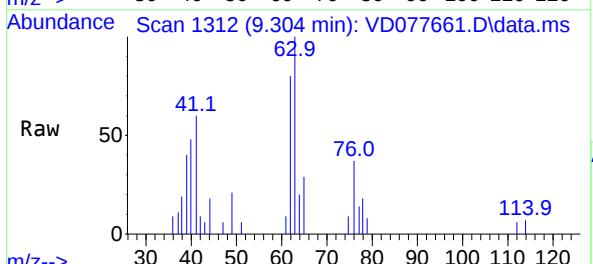
Acq: 22 Nov 2023 10:58

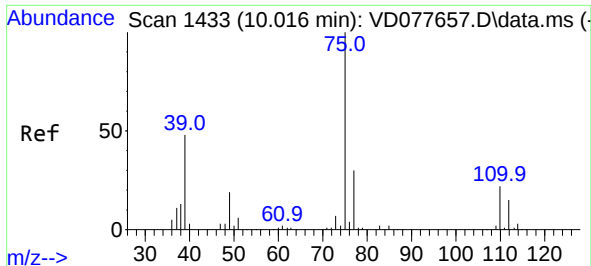
Tgt Ion: 63 Resp: 6115

Ion Ratio Lower Upper

63 100

112 3.2 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.578 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD077661.D

Acq: 22 Nov 2023 10:58

Instrument :

MSVOA_D

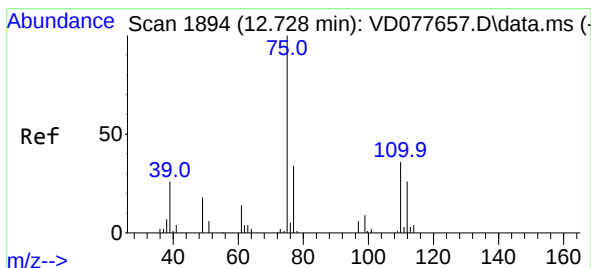
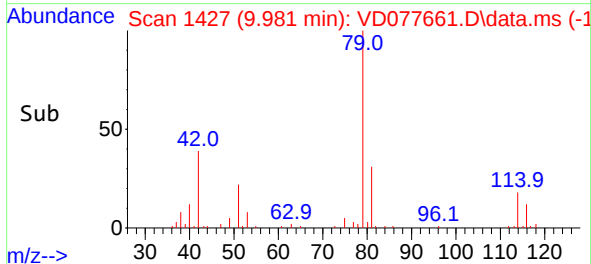
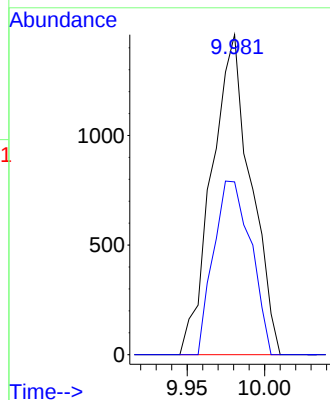
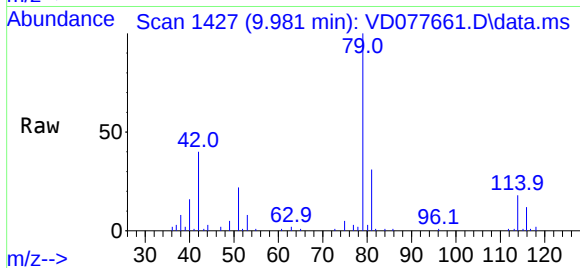
ClientSampleId :

Tgt Ion: 75 Resp: 2555

Ion Ratio Lower Upper

75 100

77 54.0 22.5 41.9#



#61

1,2,3-Trichloropropane

Concen: 7.034 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.788 min

Lab File: VD077661.D

Acq: 22 Nov 2023 10:58

Tgt Ion: 75 Resp: 5545

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

110 0.0 29.6 44.4#

