

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075943.D
 Acq On : 01 May 2023 16:59
 Operator : KP/SY
 Sample : 02564-04
 Misc : 5.61G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 02:34:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

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

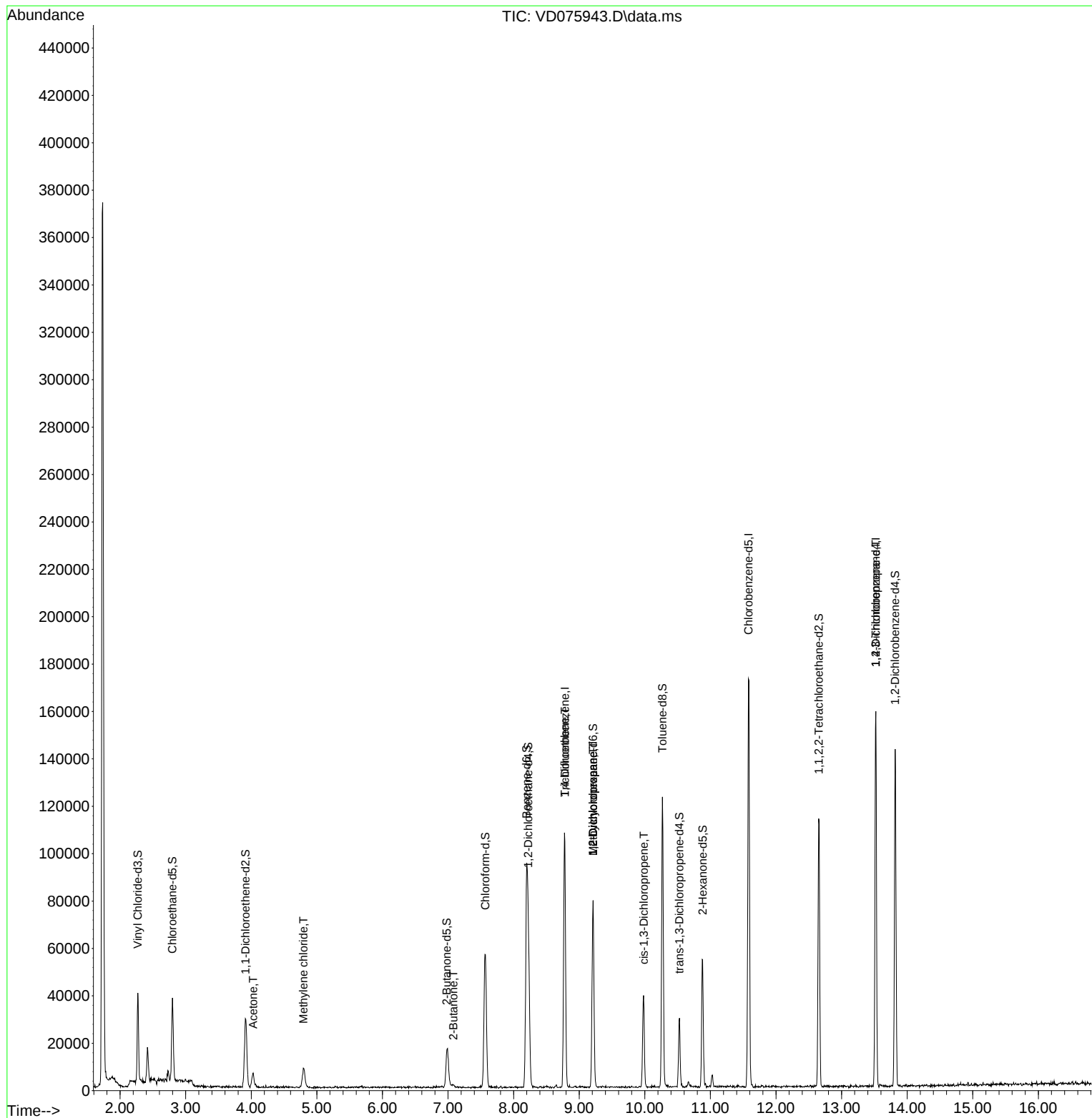
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	107727	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	115823	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	48196	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	35506	15.024	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	60.080%		
7) Chloroethane-d5	2.799	69	35496	17.384	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.520%		
11) 1,1-Dichloroethene-d2	3.911	65	8155	14.968	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.880%		
21) 2-Butanone-d5	6.981	46	27914	136.060	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	272.120%#		
24) Chloroform-d	7.569	84	63787	23.678	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.720%		
26) 1,2-Dichloroethane-d4	8.222	65	37391	32.502	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	130.000%		
32) Benzene-d6	8.199	84	110416	16.356	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	65.440%		
36) 1,2-Dichloropropane-d6	9.210	67	41992	22.473	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.880%		
41) Toluene-d8	10.269	98	90850	14.375	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	57.520%		
43) trans-1,3-Dichloroprop...	10.528	79	17838	23.096	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.400%		
47) 2-Hexanone-d5	10.881	63	20439	90.847	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	181.700%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	60766	42.499	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	170.000%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	43006	25.227	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.920%		
Target Compounds					Qvalue	
13) Acetone	4.028	43	9116	51.922	ug/L	100
16) Methylene chloride	4.793	84	6869	3.143	ug/L	85
22) 2-Butanone	7.081	43	597	2.608	ug/L #	34
34) Trichloroethene	8.781	95	1353	0.747	ug/L #	2
35) Methylcyclohexane	9.210	83	9915	3.549	ug/L #	23
37) 1,2-Dichloropropane	9.210	63	4030	2.504	ug/L #	85
39) cis-1,3-Dichloropropene	9.987	75	1046	0.409	ug/L #	74
61) 1,2,3-Trichloropropane	13.522	75	4837	6.389	ug/L #	60

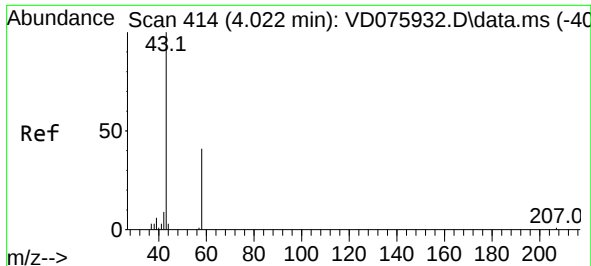
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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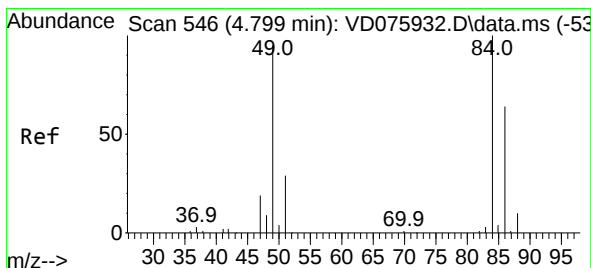
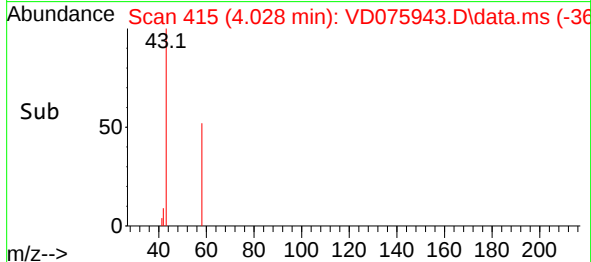
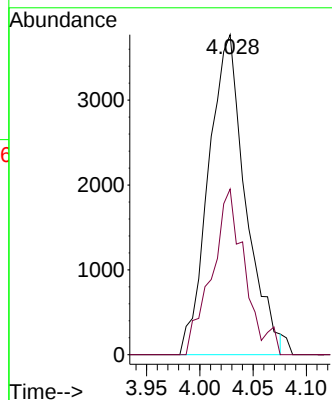
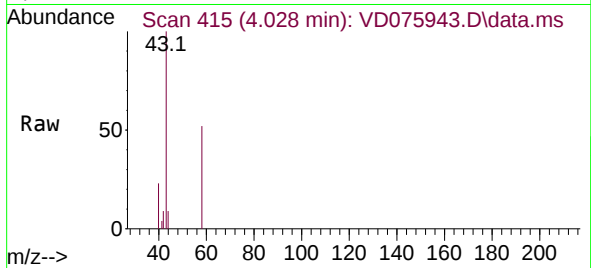




#13
Acetone
Concen: 51.922 ug/L
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD075943.D
Acq: 01 May 2023 16:59

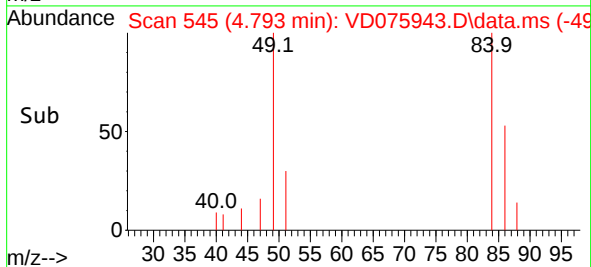
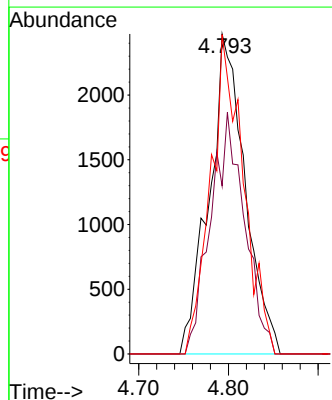
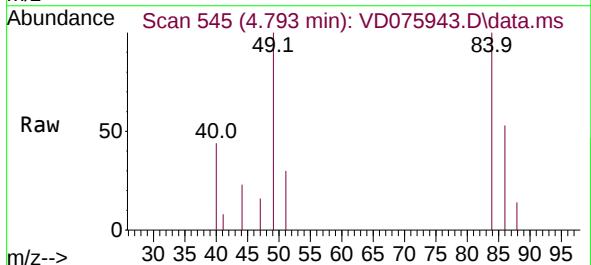
Instrument :
MSVOA_D
ClientSampleId :

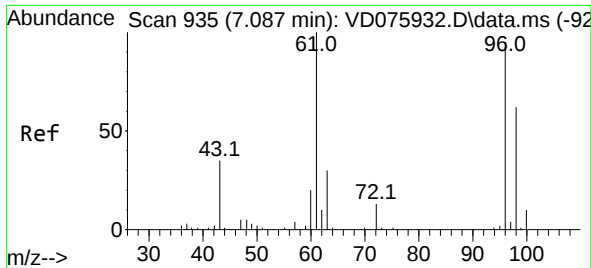
Tgt Ion: 43 Resp: 9116
Ion Ratio Lower Upper
43 100
58 44.0 0.0 87.4



#16
Methylene chloride
Concen: 3.143 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD075943.D
Acq: 01 May 2023 16:59

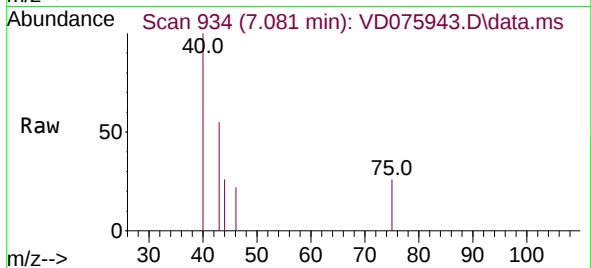
Tgt Ion: 84 Resp: 6869
Ion Ratio Lower Upper
84 100
86 52.5 45.8 85.2
49 99.8 60.8 112.8



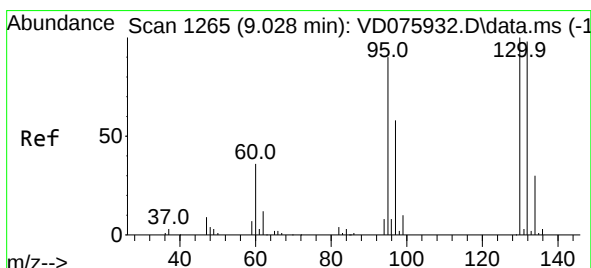
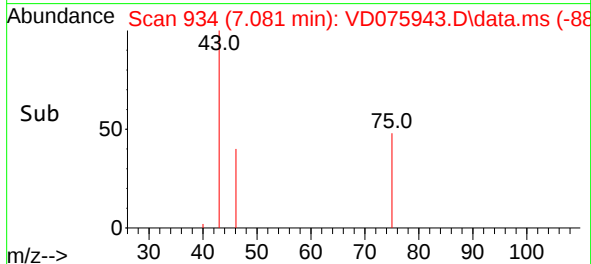
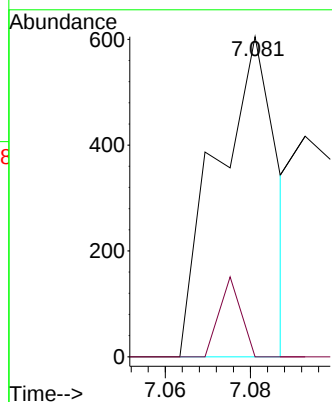


#22
2-Butanone
Concen: 2.608 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075943.D
Acq: 01 May 2023 16:59

Instrument :
MSVOA_D
ClientSampleId :

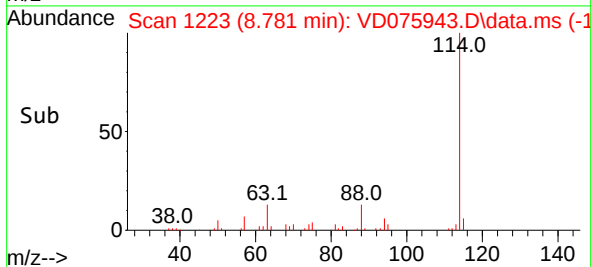
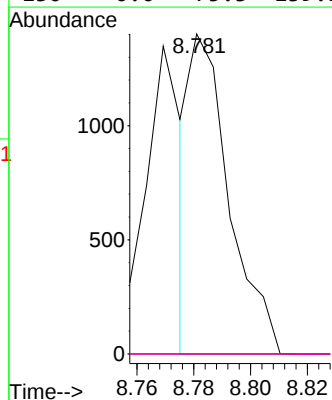
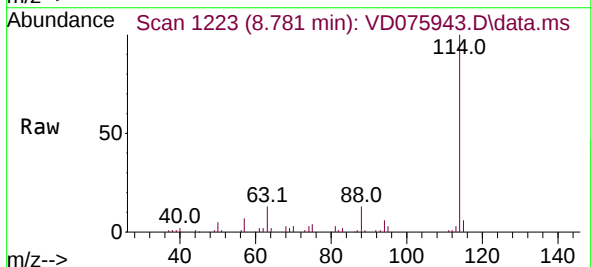


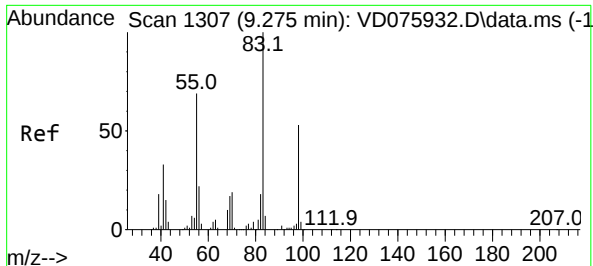
Tgt Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
72 0.0 20.5 61.5#



#34
Trichloroethene
Concen: 0.747 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD075943.D
Acq: 01 May 2023 16:59

Tgt Ion: 95 Resp: 1353
Ion Ratio Lower Upper
95 100
97 0.0 46.0 85.4#
132 0.0 73.3 136.1#
130 0.0 75.3 139.9#





#35

Methylcyclohexane

Concen: 3.549 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

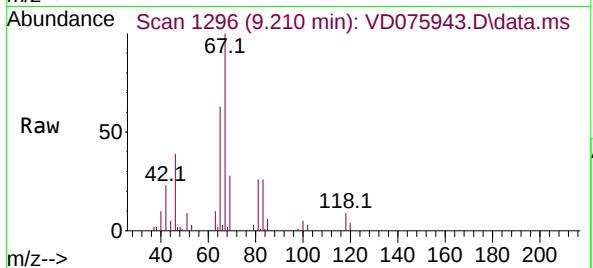
Lab File: VD075943.D

Acq: 01 May 2023 16:59

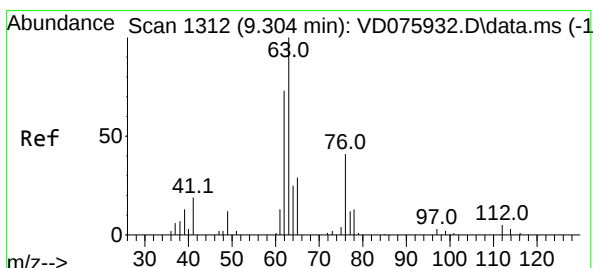
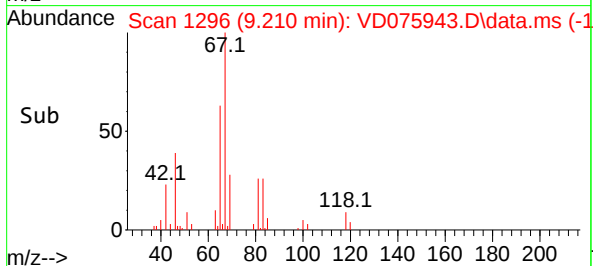
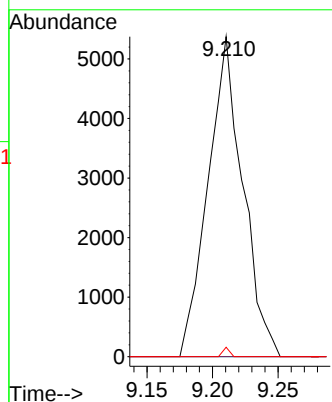
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	9915
Ion Ratio	100	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	0.0	40.8	61.2#



#37

1,2-Dichloropropane

Concen: 2.504 ug/L

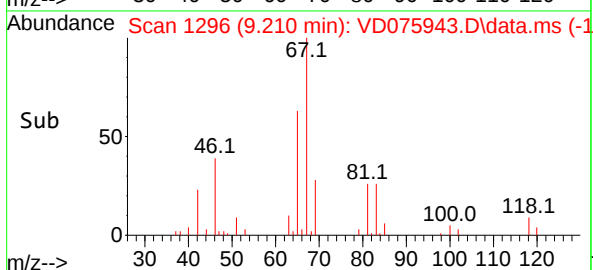
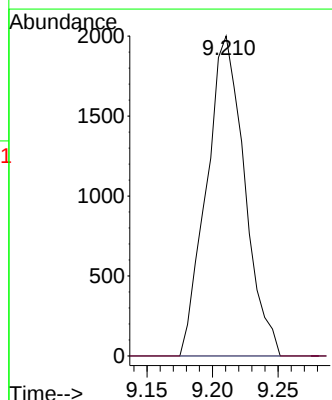
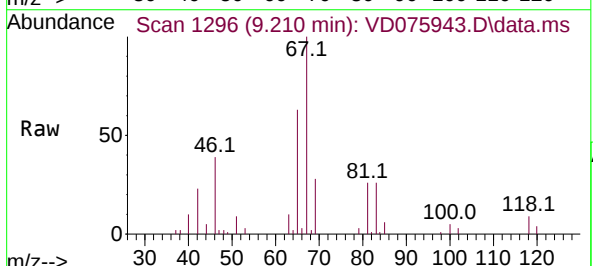
RT: 9.210 min Scan# 1296

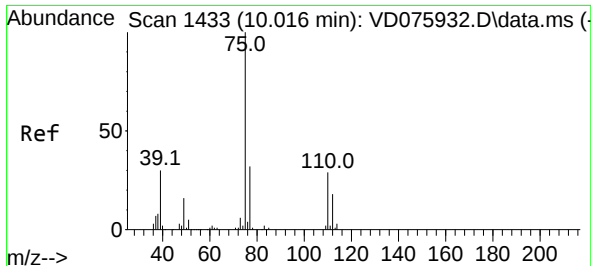
Delta R.T. -0.094 min

Lab File: VD075943.D

Acq: 01 May 2023 16:59

Tgt Ion:	63	Resp:	4030
Ion Ratio	100	Lower	Upper
63	100		
112	0.0	4.0	6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.409 ug/L

RT: 9.987 min Scan# 1433

Delta R.T. -0.029 min

Lab File: VD075943.D

Acq: 01 May 2023 16:59

Instrument :

MSVOA_D

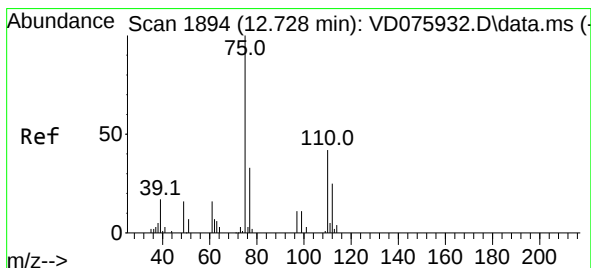
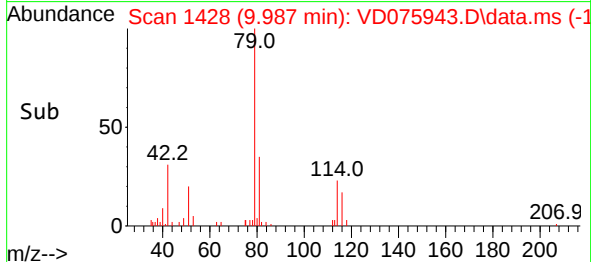
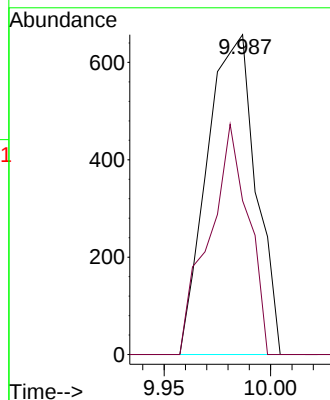
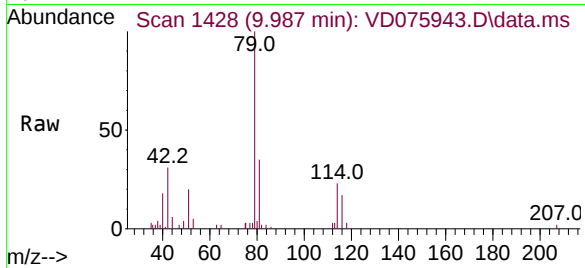
ClientSampleId :

Tgt Ion: 75 Resp: 1046

Ion Ratio Lower Upper

75 100

77 48.1 23.4 43.6#



#61

1,2,3-Trichloropropane

Concen: 6.389 ug/L

RT: 13.522 min Scan# 2029

Delta R.T. 0.794 min

Lab File: VD075943.D

Acq: 01 May 2023 16:59

Tgt Ion: 75 Resp: 4837

Ion Ratio Lower Upper

75 100

77 36.6 26.6 39.8

110 0.0 33.5 50.3#

