

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052324\
 Data File : VD078994.D
 Acq On : 23 May 2024 10:30
 Operator : RP/MD
 Sample : VD0523SBL01
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 02:13:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 24 02:12:30 2024
 Response via : Initial Calibration

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

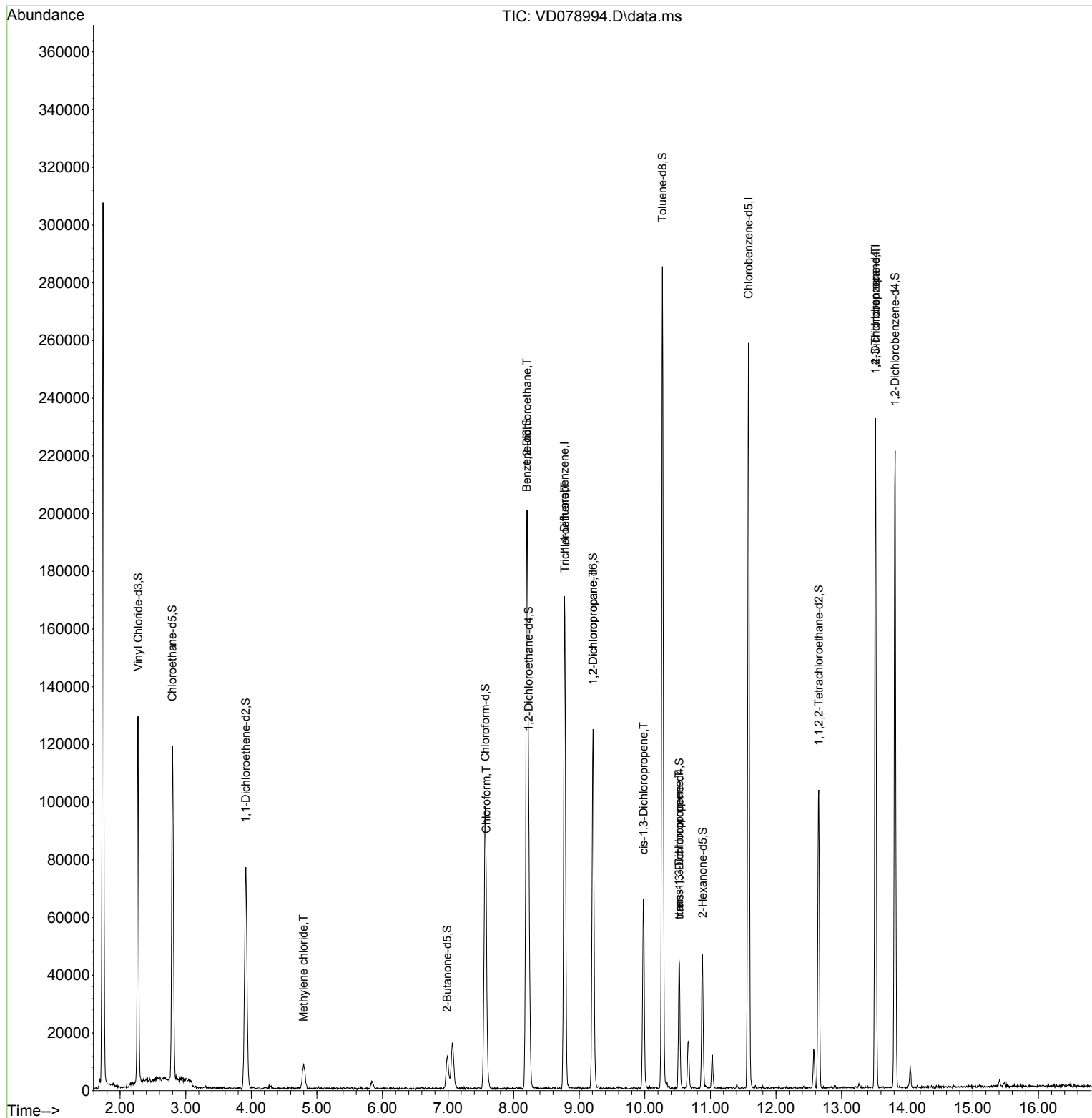
Internal Standards							
1) 1,4-Difluorobenzene		8.775	114	160660	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.581	117	157601	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.516	152	66230	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.275	65	121040	30.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 122.920%		
7) Chloroethane-d5		2.799	69	126074	29.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 119.600%		
11) 1,1-Dichloroethene-d2		3.916	65	20895	27.198	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 108.800%		
21) 2-Butanone-d5		6.987	46	19463	34.913	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 69.820%		
24) Chloroform-d		7.569	84	106787	22.327	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 89.320%		
26) 1,2-Dichloroethane-d4		8.228	65	52588	23.153	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 92.600%		
32) Benzene-d6		8.199	84	220980	27.480	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 109.920%		
36) 1,2-Dichloropropane-d6		9.210	67	63555	25.938	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 103.760%		
41) Toluene-d8		10.269	98	201718	27.214	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 108.840%		
43) trans-1,3-Dichloroprop...		10.528	79	25241	22.363	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 89.440%		
47) 2-Hexanone-d5		10.881	63	16472	33.543	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 67.080%		
56) 1,1,2,2-Tetrachloroeth...		12.651	84	54934	19.709	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 78.840%		
66) 1,2-Dichlorobenzene-d4		13.816	152	62595	27.845	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 111.400%		
Target Compounds							Qvalue
16) Methylene chloride		4.793	84	6818	1.792	ug/L	93
25) Chloroform		7.581	83	1912	0.335	ug/L	89
27) 1,2-Dichloroethane		8.204	62	1137	0.344	ug/L #	68
34) Trichloroethene		8.781	95	4417	1.587	ug/L #	3
37) 1,2-Dichloropropane		9.210	63	6592	2.408	ug/L #	85
39) cis-1,3-Dichloropropene		9.981	75	2117	0.493	ug/L	88
44) trans-1,3-Dichloropropene		10.522	75	1300	0.342	ug/L	87
61) 1,2,3-Trichloropropane		13.516	75	7039	4.637	ug/L #	58

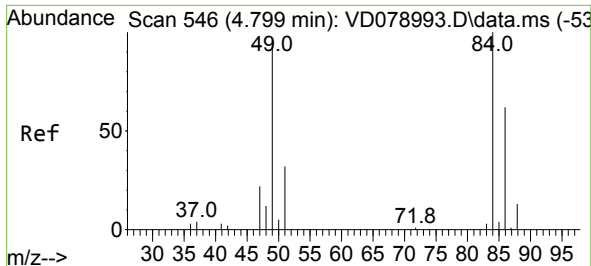
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

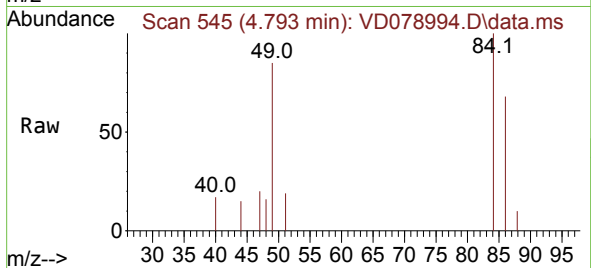
Quant Time: May 24 02:13:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 24 02:12:30 2024
Response via : Initial Calibration





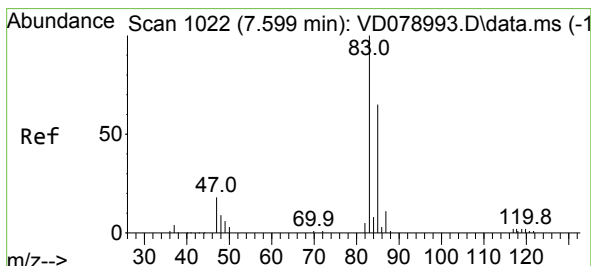
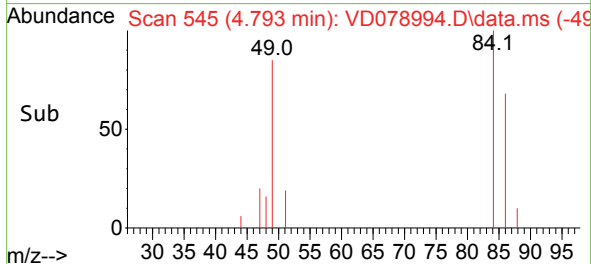
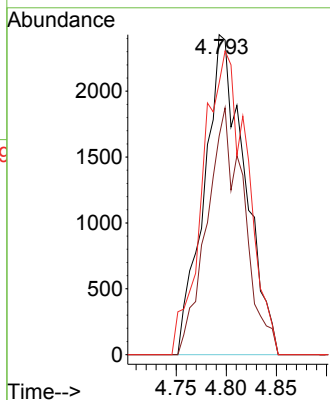
#16
Methylene chloride
Concen: 1.792 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078994.D
Acq: 23 May 2024 10:30

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 6818

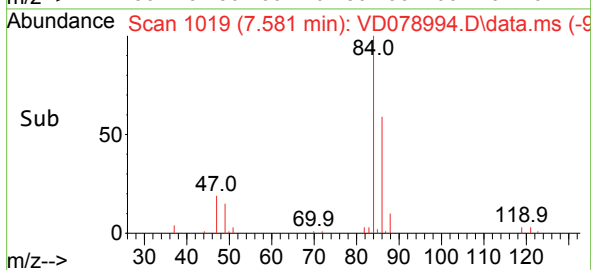
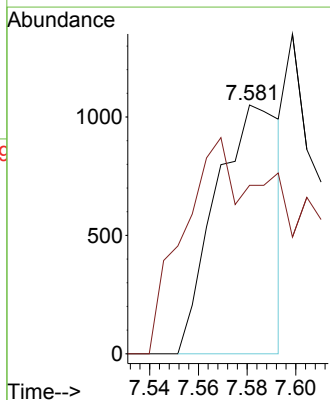
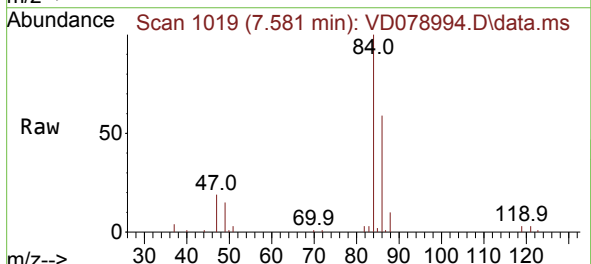
Ion	Ratio	Lower	Upper
84	100		
86	68.3	43.7	81.1
49	84.9	64.0	119.0

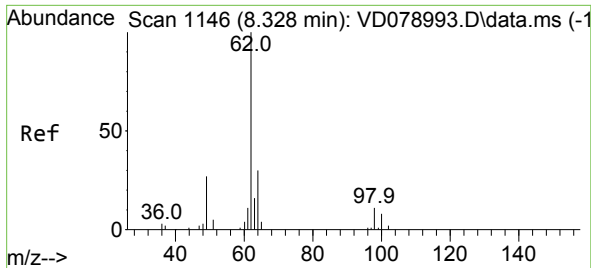


#25
Chloroform
Concen: 0.335 ug/L
RT: 7.581 min Scan# 1019
Delta R.T. -0.018 min
Lab File: VD078994.D
Acq: 23 May 2024 10:30

Tgt Ion: 83 Resp: 1912

Ion	Ratio	Lower	Upper
83	100		
85	67.7	41.8	77.6





#27

1,2-Dichloroethane

Concen: 0.344 ug/L

RT: 8.204 min Scan# 1125

Delta R.T. -0.124 min

Lab File: VD078994.D

Acq: 23 May 2024 10:30

Instrument :

MSVOA_D

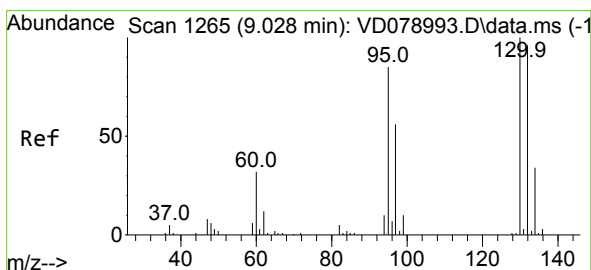
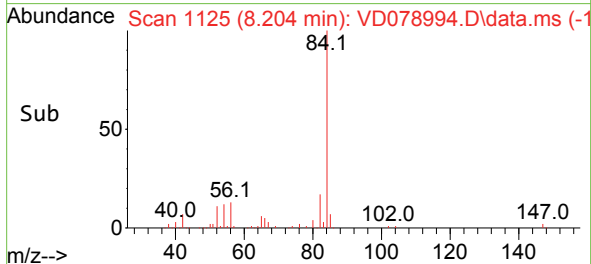
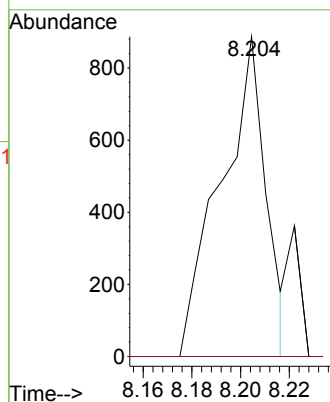
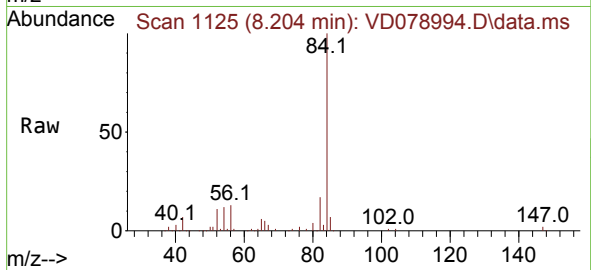
ClientSampleId :

Tgt Ion: 62 Resp: 1137

Ion Ratio Lower Upper

62 100

98 0.0 10.2 15.4#



#34

Trichloroethene

Concen: 1.587 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD078994.D

Acq: 23 May 2024 10:30

Tgt Ion: 95 Resp: 4417

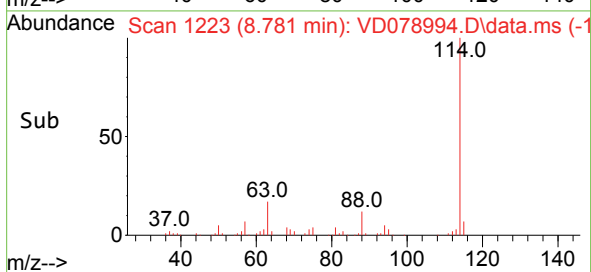
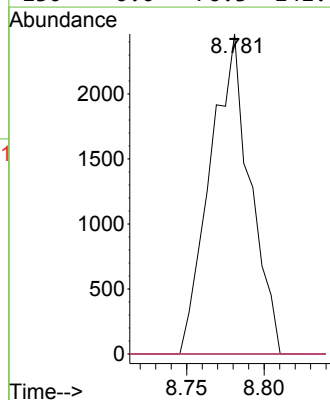
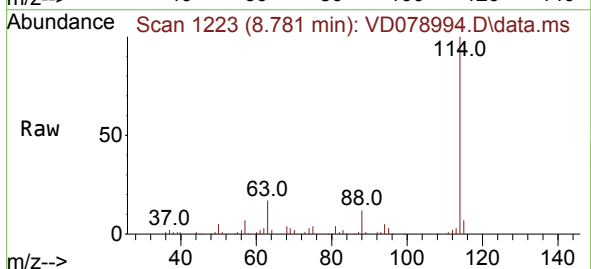
Ion Ratio Lower Upper

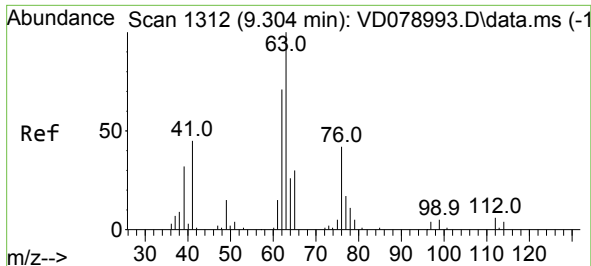
95 100

97 0.0 42.6 79.2#

132 0.0 69.5 129.1#

130 0.0 76.3 141.7#





#37

1,2-Dichloropropane

Concen: 2.408 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD078994.D

Acq: 23 May 2024 10:30

Instrument :

MSVOA_D

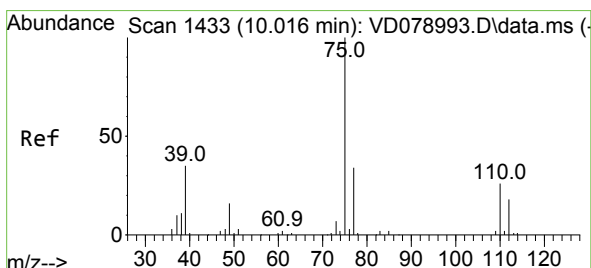
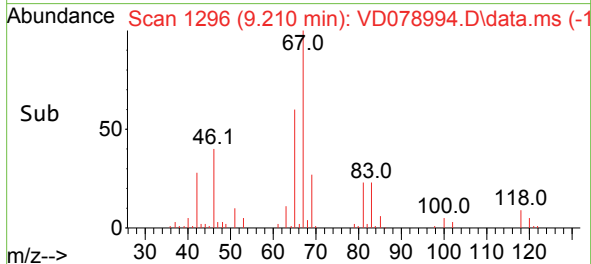
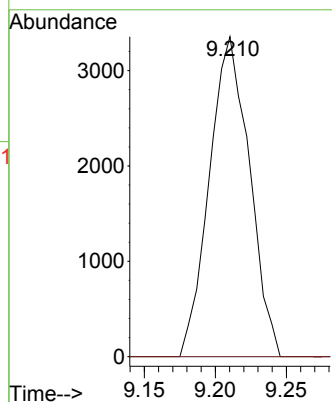
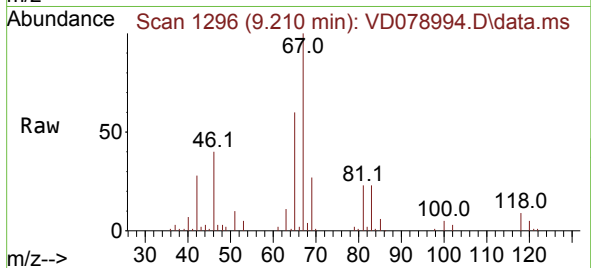
ClientSampleId :

Tgt Ion: 63 Resp: 6592

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.493 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD078994.D

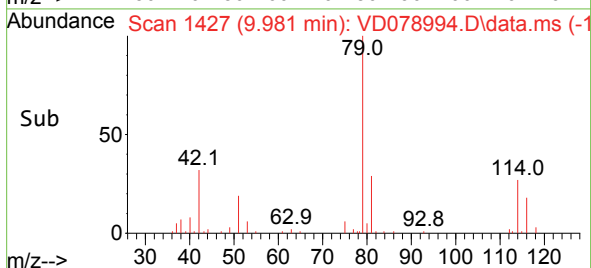
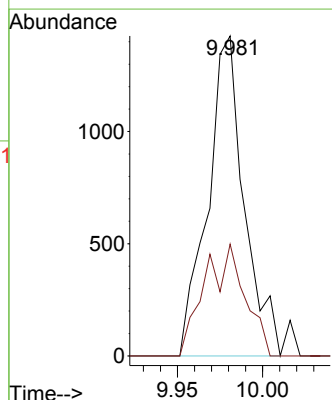
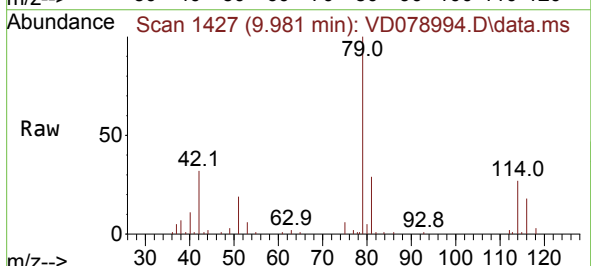
Acq: 23 May 2024 10:30

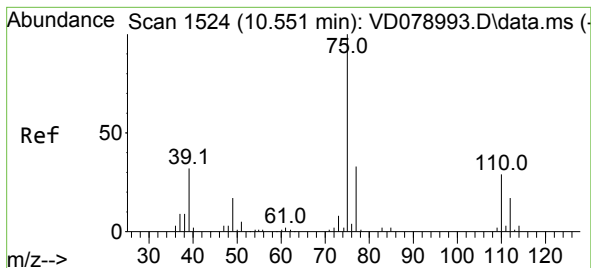
Tgt Ion: 75 Resp: 2117

Ion Ratio Lower Upper

75 100

77 34.9 20.0 37.2





#44

trans-1,3-Dichloropropene

Concen: 0.342 ug/L

RT: 10.522 min Scan# 11

Delta R.T. -0.029 min

Lab File: VD078994.D

Acq: 23 May 2024 10:30

Instrument :

MSVOA_D

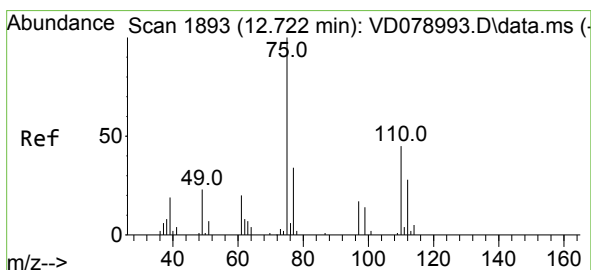
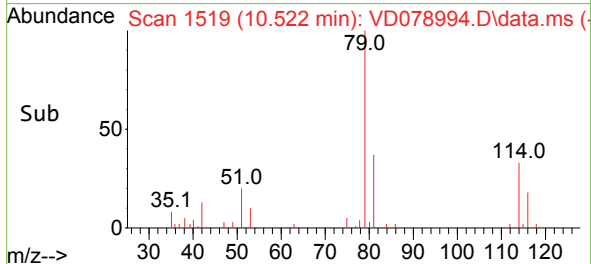
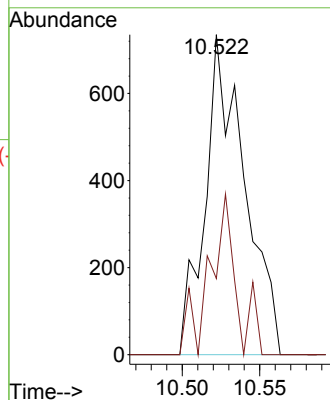
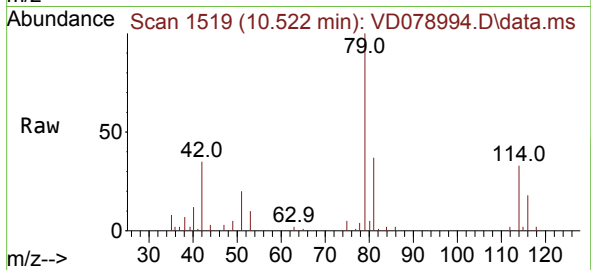
ClientSampleId :

Tgt Ion: 75 Resp: 1300

Ion Ratio Lower Upper

75 100

77 23.8 21.8 40.4



#61

1,2,3-Trichloropropane

Concen: 4.637 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.794 min

Lab File: VD078994.D

Acq: 23 May 2024 10:30

Tgt Ion: 75 Resp: 7039

Ion Ratio Lower Upper

75 100

77 29.1 26.2 39.2

110 1.5 37.1 55.7#

