

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052324\
 Data File : VD078999.D
 Acq On : 23 May 2024 12:52
 Operator : RP/MD
 Sample : P2570-01
 Misc : 4.55G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 02:14:34 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

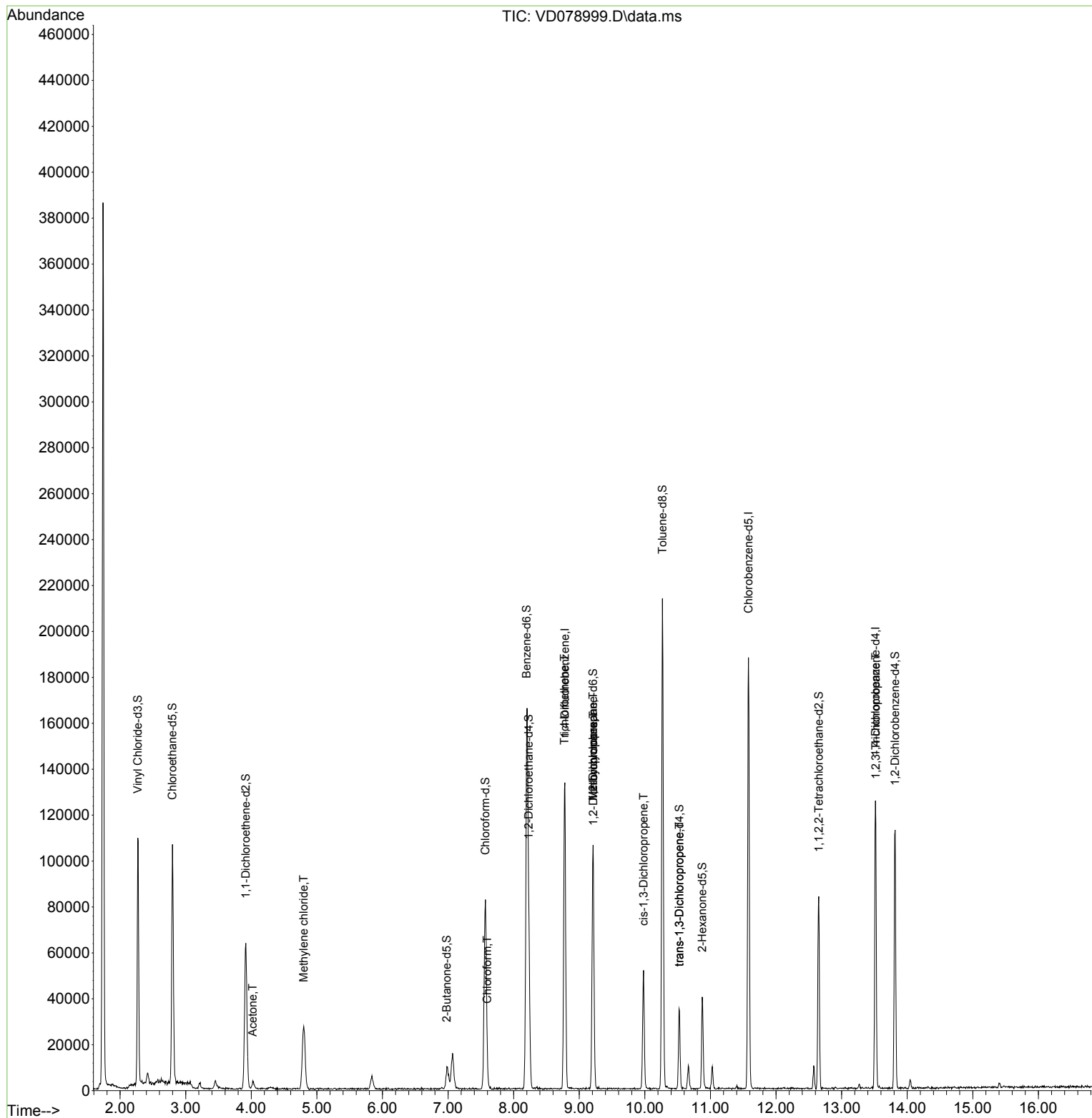
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene		8.781	114	128070	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.581	117	118459	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.516	152	36744	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.269	65	103573	32.990	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.960%	
7) Chloroethane-d5		2.799	69	106952	31.824	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.280%	
11) 1,1-Dichloroethene-d2		3.916	65	16899	27.594	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	110.360%#	
21) 2-Butanone-d5		6.981	46	16836	37.886	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.780%	
24) Chloroform-d		7.569	84	89974	23.599	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.400%	
26) 1,2-Dichloroethane-d4		8.228	65	46180	25.505	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.040%	
32) Benzene-d6		8.199	84	180959	29.939	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.760%	
36) 1,2-Dichloropropane-d6		9.210	67	53501	29.050	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.200%	
41) Toluene-d8		10.269	98	152299	27.336	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.360%	
43) trans-1,3-Dichloroprop...		10.528	79	21070	24.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.360%	
47) 2-Hexanone-d5		10.875	63	14153	38.344	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.680%	
56) 1,1,2,2-Tetrachloroeth...		12.651	84	43834	20.923	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.680%	
66) 1,2-Dichlorobenzene-d4		13.816	152	33207	26.626	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.520%	
Target Compounds							Qvalue
13) Acetone		4.022	43	4591	8.553	ug/L	77
16) Methylene chloride		4.799	84	23927	7.887	ug/L	98
25) Chloroform		7.599	83	2783	0.611	ug/L	93
34) Trichloroethene		8.775	95	3973	1.899	ug/L #	3
35) Methylcyclohexane		9.210	83	12660	4.025	ug/L #	24
37) 1,2-Dichloropropane		9.216	63	5671	2.756	ug/L #	85
39) cis-1,3-Dichloropropene		9.981	75	1377	0.427	ug/L #	50
44) trans-1,3-Dichloropropene		10.528	75	871	0.305	ug/L	83
61) 1,2,3-Trichloropropane		13.522	75	4332	5.143	ug/L #	57

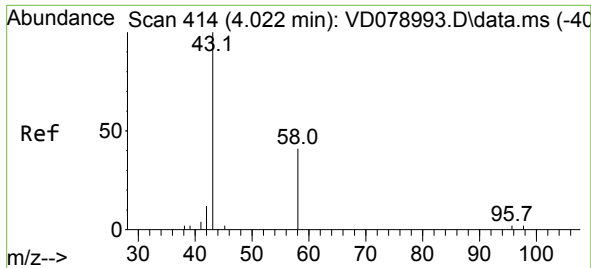
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri May 24 02:12:30 2024
Response via : Initial Calibration





#13

Acetone

Concen: 8.553 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD078999.D

Acq: 23 May 2024 12:52

Instrument :

MSVOA_D

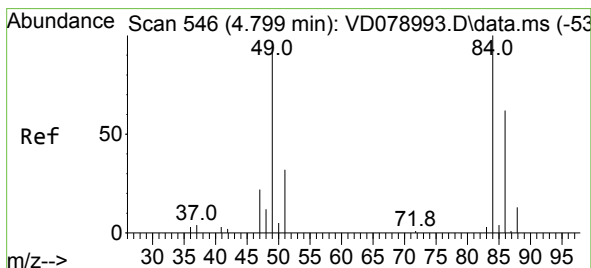
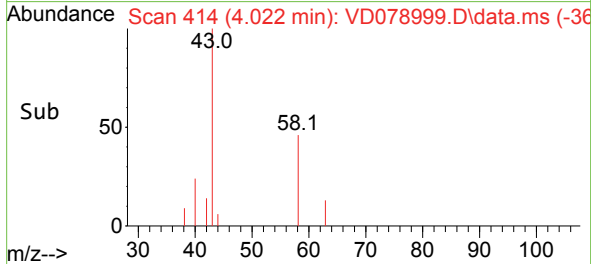
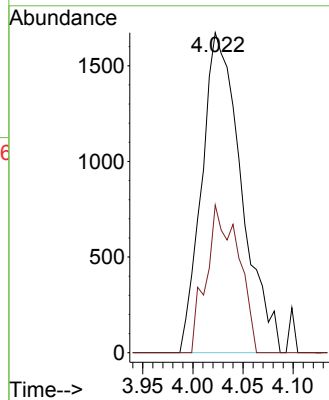
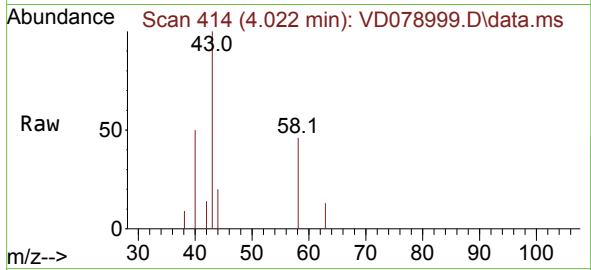
ClientSampleId :

Tgt Ion: 43 Resp: 4591

Ion Ratio Lower Upper

43 100

58 23.7 0.0 75.0



#16

Methylene chloride

Concen: 7.887 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD078999.D

Acq: 23 May 2024 12:52

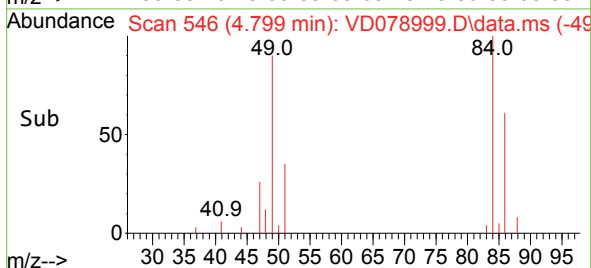
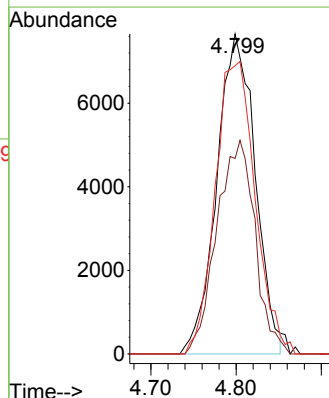
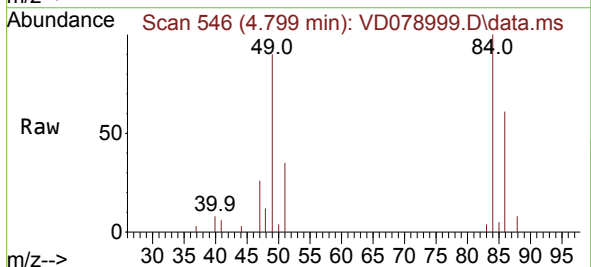
Tgt Ion: 84 Resp: 23927

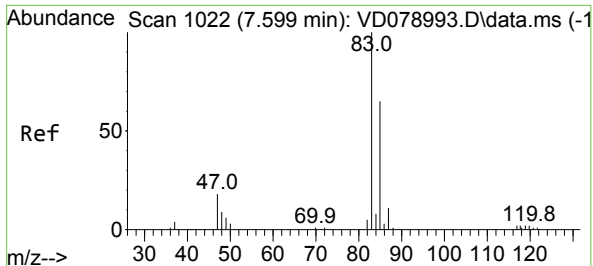
Ion Ratio Lower Upper

84 100

86 61.1 43.7 81.1

49 90.1 64.0 119.0

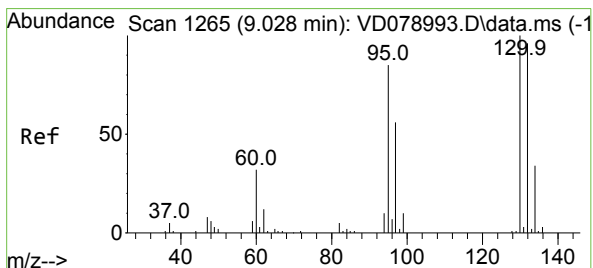
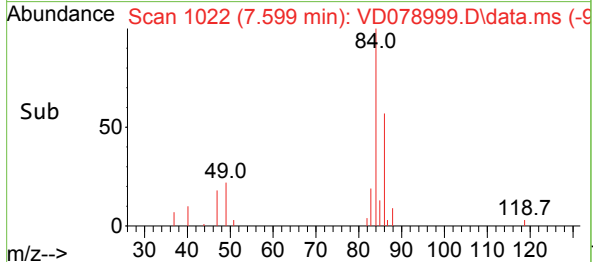
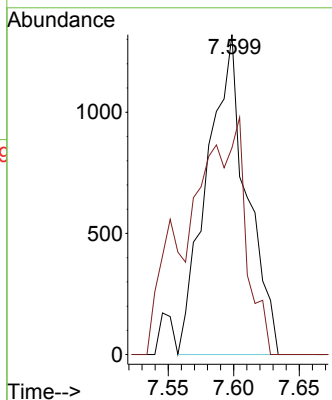
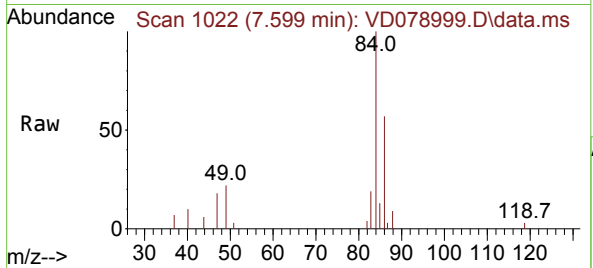




#25
Chloroform
Concen: 0.611 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078999.D
Acq: 23 May 2024 12:52

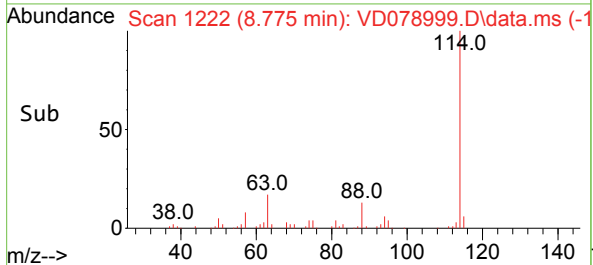
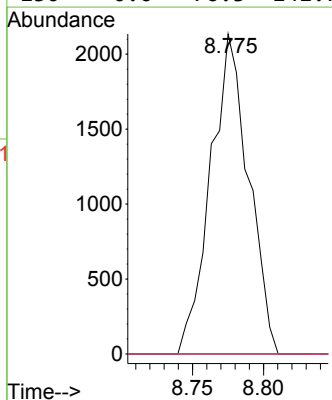
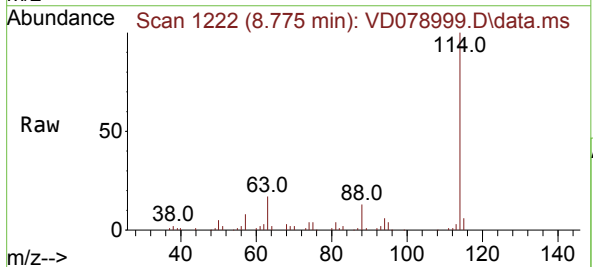
Instrument :
MSVOA_D
ClientSampleId :

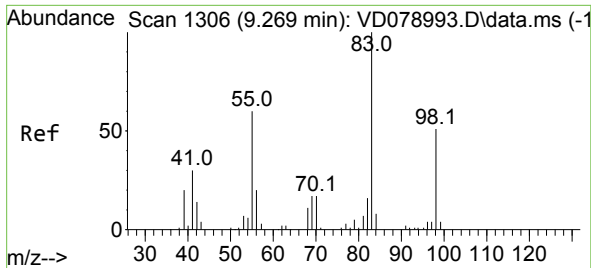
Tgt Ion: 83 Resp: 2783
Ion Ratio Lower Upper
83 100
85 64.6 41.8 77.6



#34
Trichloroethene
Concen: 1.899 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD078999.D
Acq: 23 May 2024 12:52

Tgt Ion: 95 Resp: 3973
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#

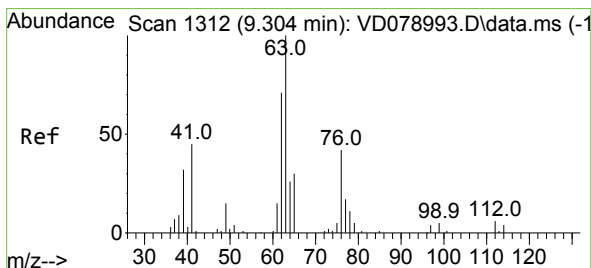
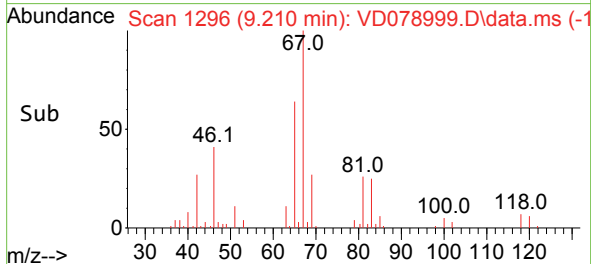
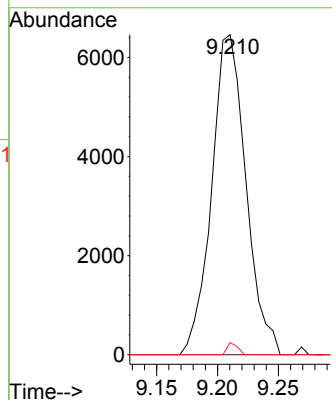
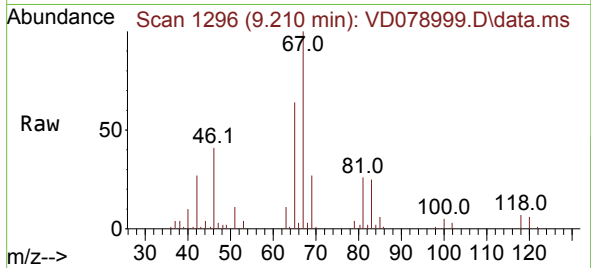




#35
Methylcyclohexane
Concen: 4.025 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.059 min
Lab File: VD078999.D
Acq: 23 May 2024 12:52

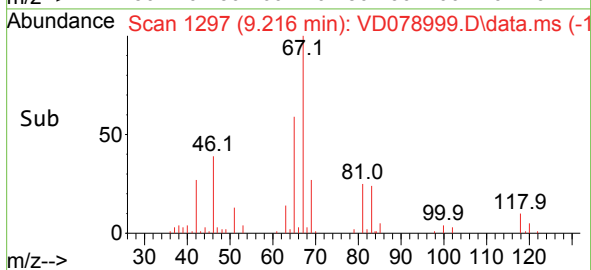
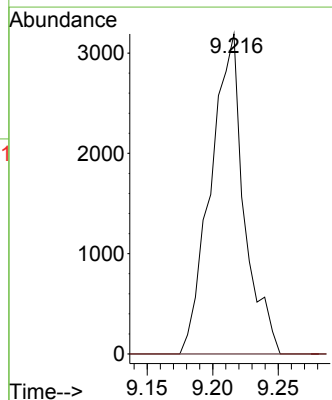
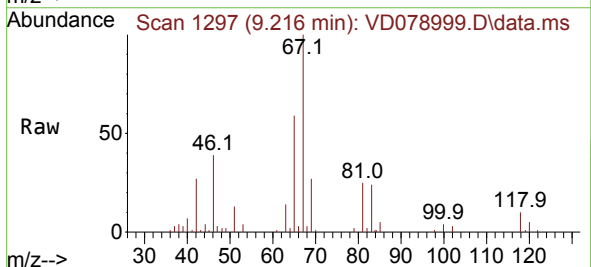
Instrument :
MSVOA_D
ClientSampleId :

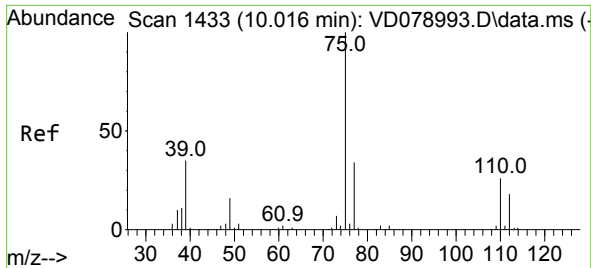
Tgt Ion: 83 Resp: 12660
Ion Ratio Lower Upper
83 100
55 0.0 49.0 73.6#
98 1.1 40.1 60.1#



#37
1,2-Dichloropropane
Concen: 2.756 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.088 min
Lab File: VD078999.D
Acq: 23 May 2024 12:52

Tgt Ion: 63 Resp: 5671
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#

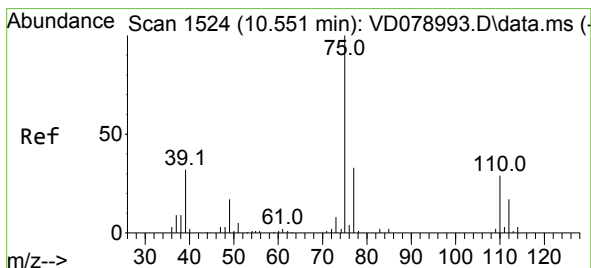
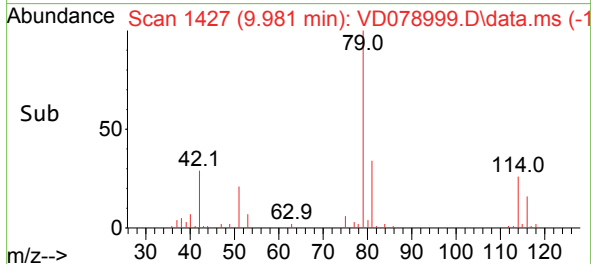
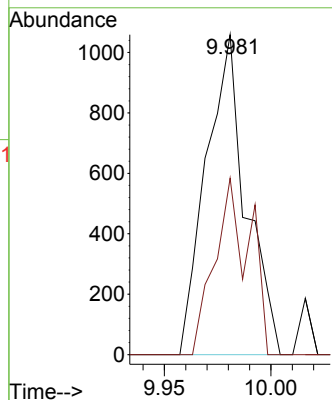
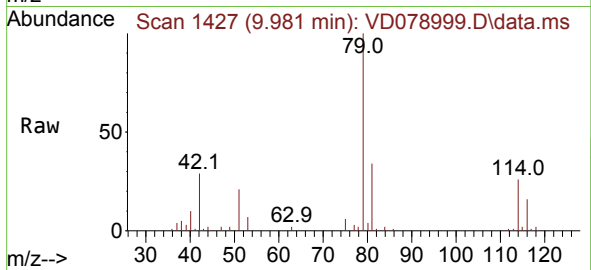




#39
cis-1,3-Dichloropropene
Concen: 0.427 ug/L
RT: 9.981 min Scan# 1433
Delta R.T. -0.035 min
Lab File: VD078999.D
Acq: 23 May 2024 12:52

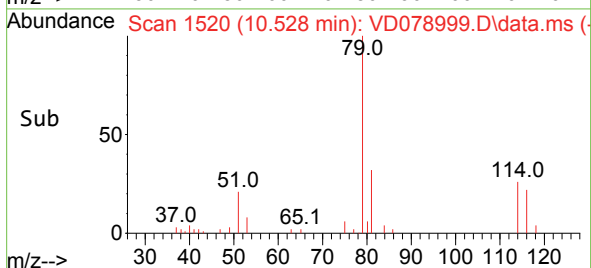
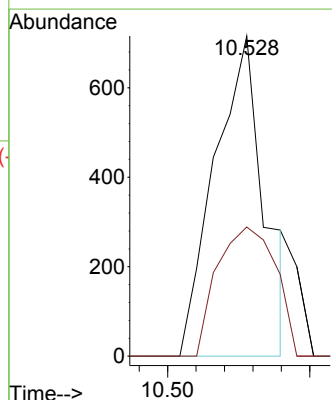
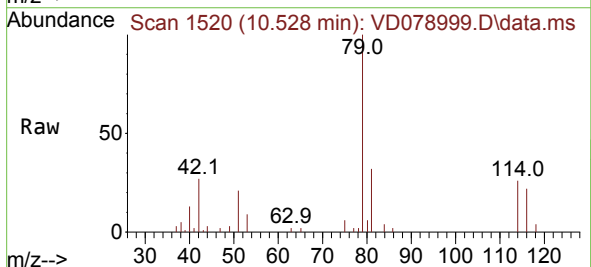
Instrument :
MSVOA_D
ClientSampleId :

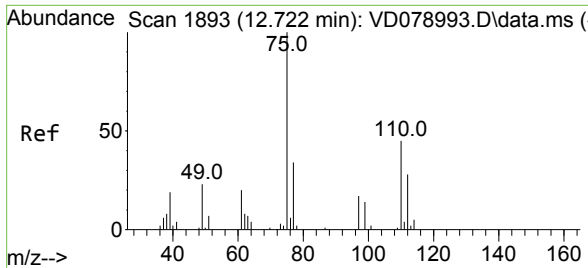
Tgt Ion: 75 Resp: 1377
Ion Ratio Lower Upper
75 100
77 55.1 20.0 37.2#



#44
trans-1,3-Dichloropropene
Concen: 0.305 ug/L
RT: 10.528 min Scan# 1520
Delta R.T. -0.024 min
Lab File: VD078999.D
Acq: 23 May 2024 12:52

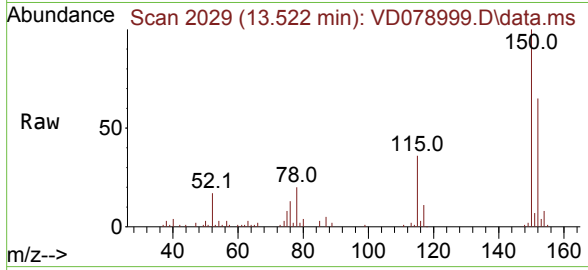
Tgt Ion: 75 Resp: 871
Ion Ratio Lower Upper
75 100
77 40.4 21.8 40.4





#61
 1,2,3-Trichloropropane
 Concen: 5.143 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.800 min
 Lab File: VD078999.D
 Acq: 23 May 2024 12:52

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75	Resp:	4332
Ion Ratio	Lower	Upper
75	100	
77	29.8	26.2 39.2
110	0.0	37.1 55.7#

