

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078313.D
 Acq On : 01 Feb 2024 18:58
 Operator : RP/MD
 Sample : P1329-03
 Misc : 4.15G/10ml/MSVOA_D/SOIL/VIAL A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 02 00:41:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 02 00:36:57 2024
 Response via : Initial Calibration

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

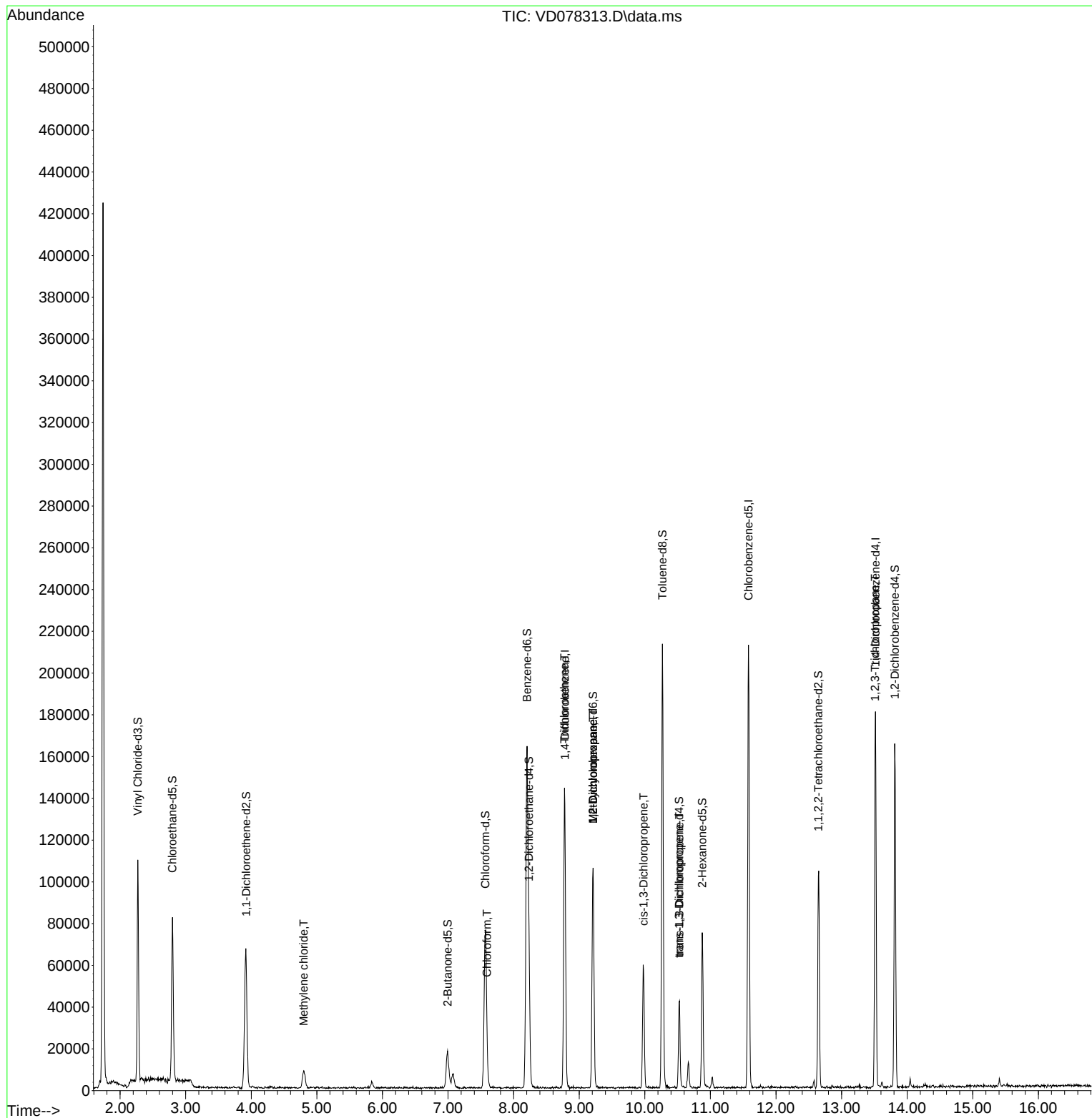
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	125417	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	120050	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	46851	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	94660	26.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.400%
7) Chloroethane-d5	2.799	69	76032	25.420	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.680%
11) 1,1-Dichloroethene-d2	3.922	65	18191	23.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.720%
21) 2-Butanone-d5	6.993	46	31233	59.617	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.240%
24) Chloroform-d	7.569	84	79050	22.107	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.440%
26) 1,2-Dichloroethane-d4	8.234	65	48892	25.336	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.360%
32) Benzene-d6	8.205	84	168738	24.038	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.160%
36) 1,2-Dichloropropane-d6	9.210	67	52206	24.158	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.640%
41) Toluene-d8	10.269	98	143669	22.786	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.160%
43) trans-1,3-Dichloroprop...	10.522	79	23890	24.758	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.040%
47) 2-Hexanone-d5	10.875	63	25091	57.226	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.460%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	53694	26.739	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.960%
66) 1,2-Dichlorobenzene-d4	13.810	152	41434	24.703	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	6374	2.591	ug/L	87
25) Chloroform	7.593	83	5350	1.397	ug/L	76
34) Trichloroethene	8.775	95	4075	1.995	ug/L #	3
35) Methylcyclohexane	9.210	83	12539	3.922	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	6050	2.838	ug/L #	87
39) cis-1,3-Dichloropropene	9.981	75	1655	0.499	ug/L	91
44) trans-1,3-Dichloropropene	10.528	75	1190	0.410	ug/L #	45
61) 1,2,3-Trichloropropane	13.510	75	6958	5.822	ug/L #	63

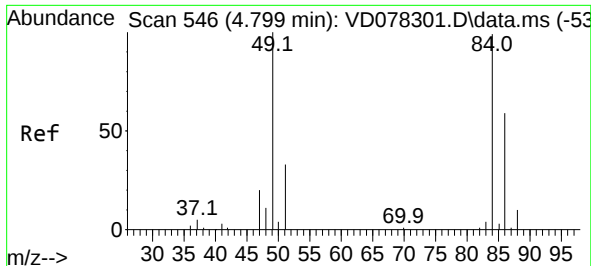
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :

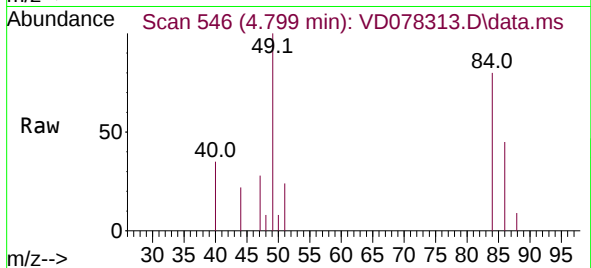
Quant Time: Feb 02 00:41:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Feb 02 00:36:57 2024
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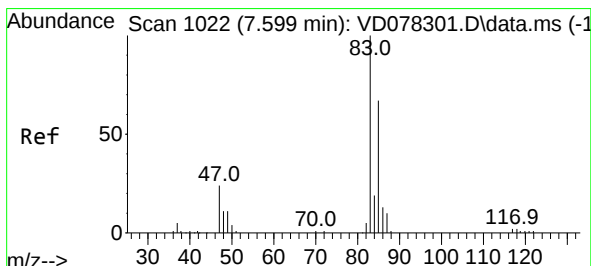
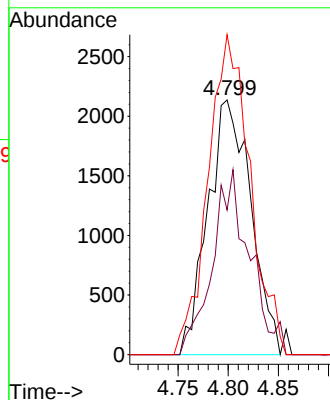
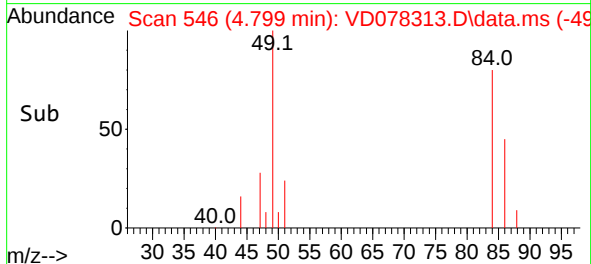


#16
Methylene chloride
Concen: 2.591 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD078313.D
Acq: 01 Feb 2024 18:58

Instrument :
MSVOA_D
ClientSampleId :

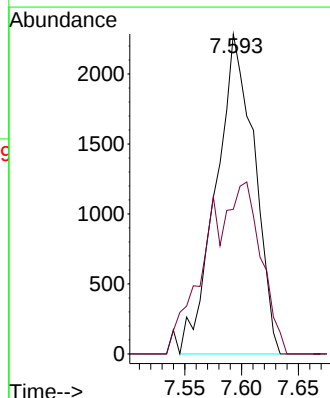
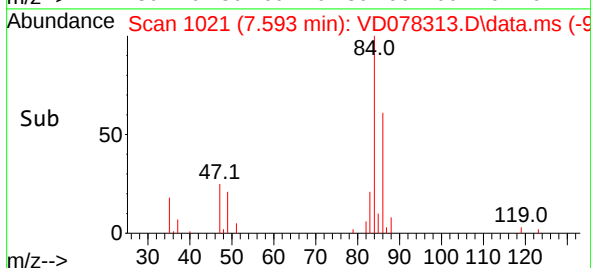
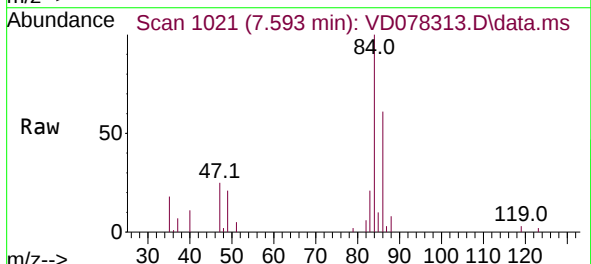


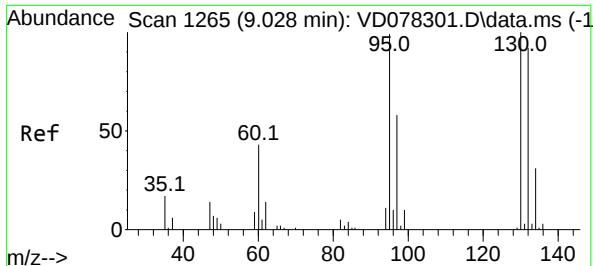
Tgt Ion: 84 Resp: 6374
Ion Ratio Lower Upper
84 100
86 56.8 45.4 84.2
49 125.6 77.3 143.7



#25
Chloroform
Concen: 1.397 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD078313.D
Acq: 01 Feb 2024 18:58

Tgt Ion: 83 Resp: 5350
Ion Ratio Lower Upper
83 100
85 45.2 44.9 83.3

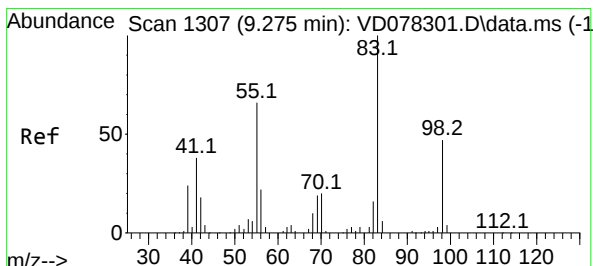
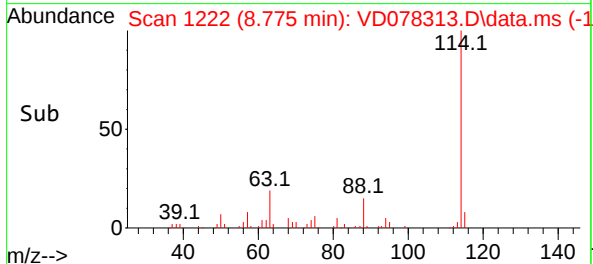
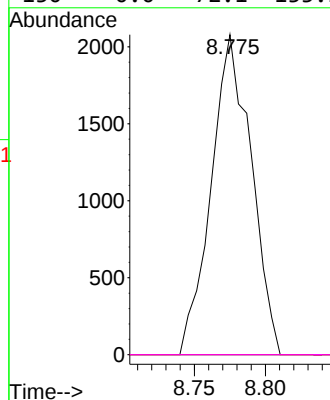
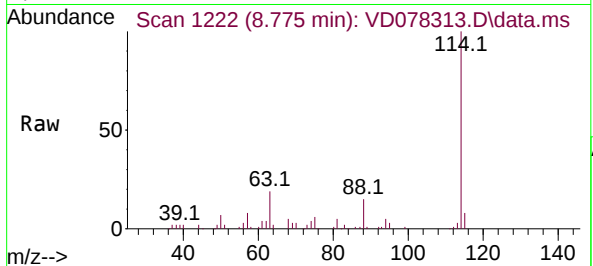




#34
Trichloroethene
Concen: 1.995 ug/L
RT: 8.775 min Scan# 11
Delta R.T. -0.253 min
Lab File: VD078313.D
Acq: 01 Feb 2024 18:58

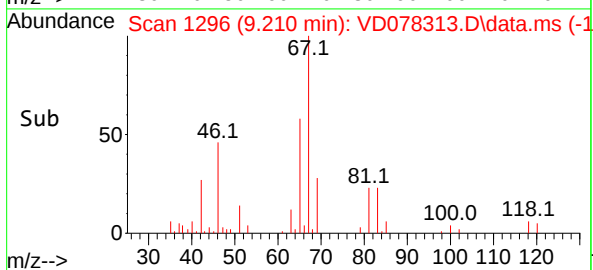
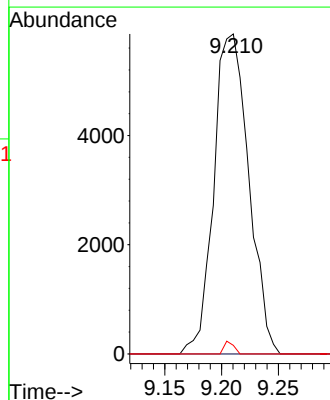
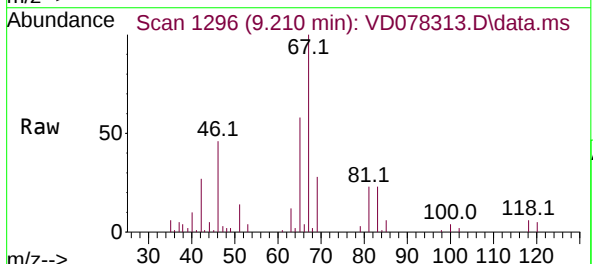
Instrument :
MSVOA_D
ClientSampleId :

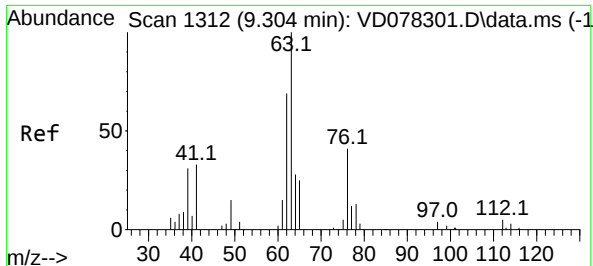
Tgt Ion: 95 Resp: 4075
Ion Ratio Lower Upper
95 100
97 0.0 46.9 87.1#
132 0.0 73.7 136.9#
130 0.0 72.1 133.9#



#35
Methylcyclohexane
Concen: 3.922 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD078313.D
Acq: 01 Feb 2024 18:58

Tgt Ion: 83 Resp: 12539
Ion Ratio Lower Upper
83 100
55 0.0 56.2 84.4#
98 1.1 41.2 61.8#

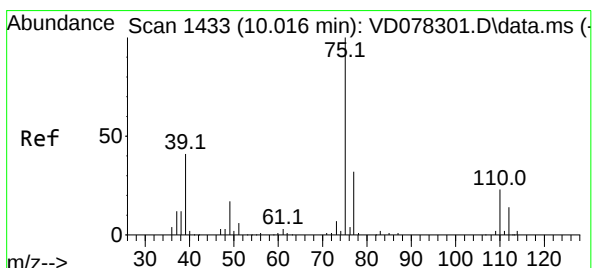
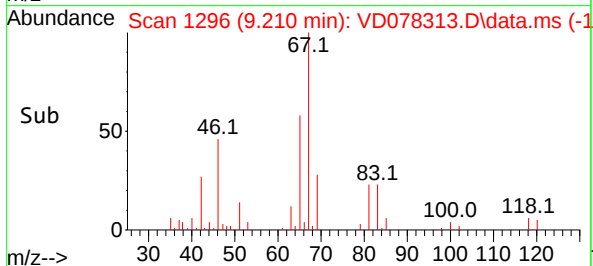
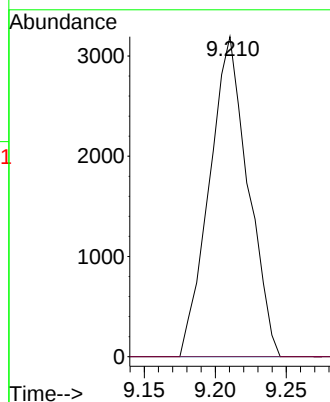
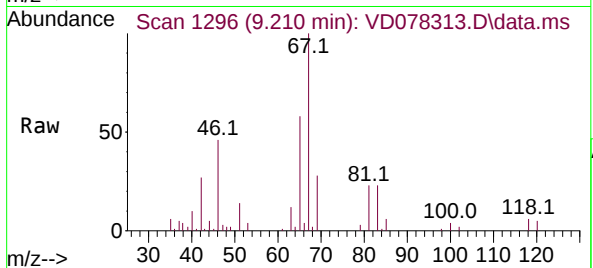




#37
1,2-Dichloropropane
Concen: 2.838 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD078313.D
Acq: 01 Feb 2024 18:58

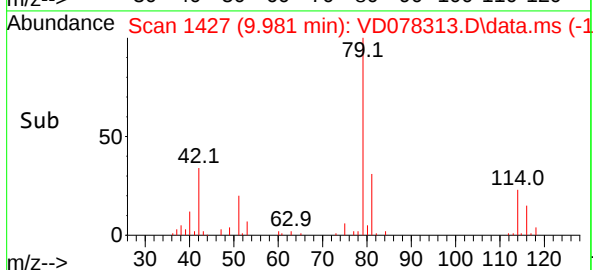
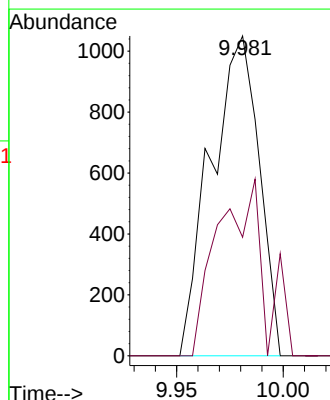
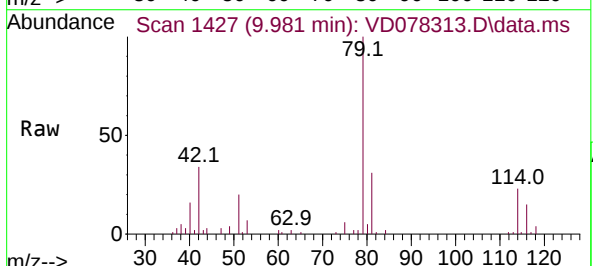
Instrument :
MSVOA_D
ClientSampleId :

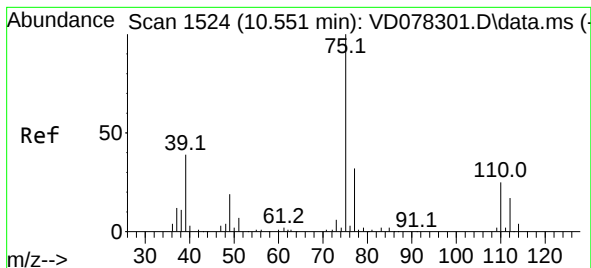
Tgt Ion: 63 Resp: 6050
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#39
cis-1,3-Dichloropropene
Concen: 0.499 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD078313.D
Acq: 01 Feb 2024 18:58

Tgt Ion: 75 Resp: 1655
Ion Ratio Lower Upper
75 100
77 37.0 22.3 41.5





#44

trans-1,3-Dichloropropene

Concen: 0.410 ug/L

RT: 10.528 min Scan# 11

Delta R.T. -0.023 min

Lab File: VD078313.D

Acq: 01 Feb 2024 18:58

Instrument :

MSVOA_D

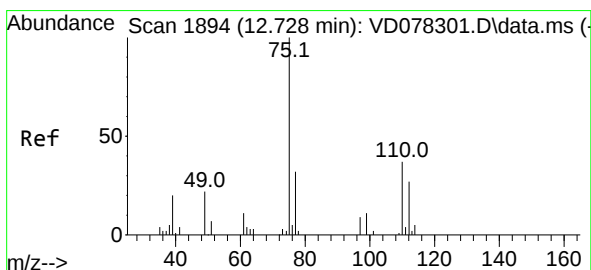
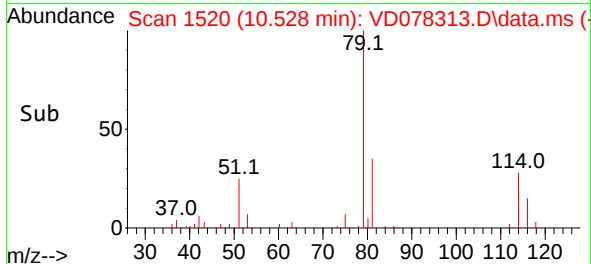
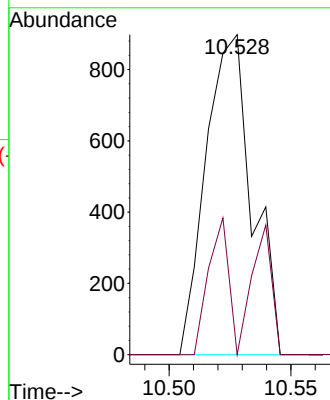
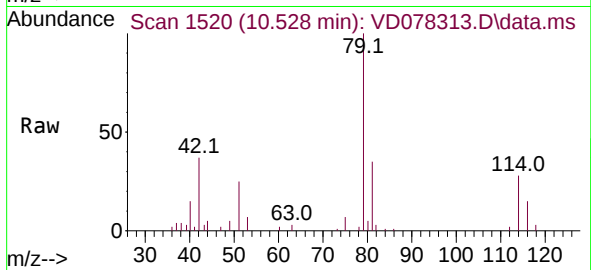
ClientSampleId :

Tgt Ion: 75 Resp: 1190

Ion Ratio Lower Upper

75 100

77 0.0 20.7 38.5#



#61

1,2,3-Trichloropropane

Concen: 5.822 ug/L

RT: 13.510 min Scan# 2027

Delta R.T. 0.782 min

Lab File: VD078313.D

Acq: 01 Feb 2024 18:58

Tgt Ion: 75 Resp: 6958

Ion Ratio Lower Upper

75 100

77 30.3 26.5 39.7

110 0.0 31.8 47.8#

