

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078308.D
 Acq On : 01 Feb 2024 16:41
 Operator : RP/MD
 Sample : P1329-09
 Misc : 5.06G/10ml/MSVOA_D/SOIL/VIAL A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 02 00:40:19 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)

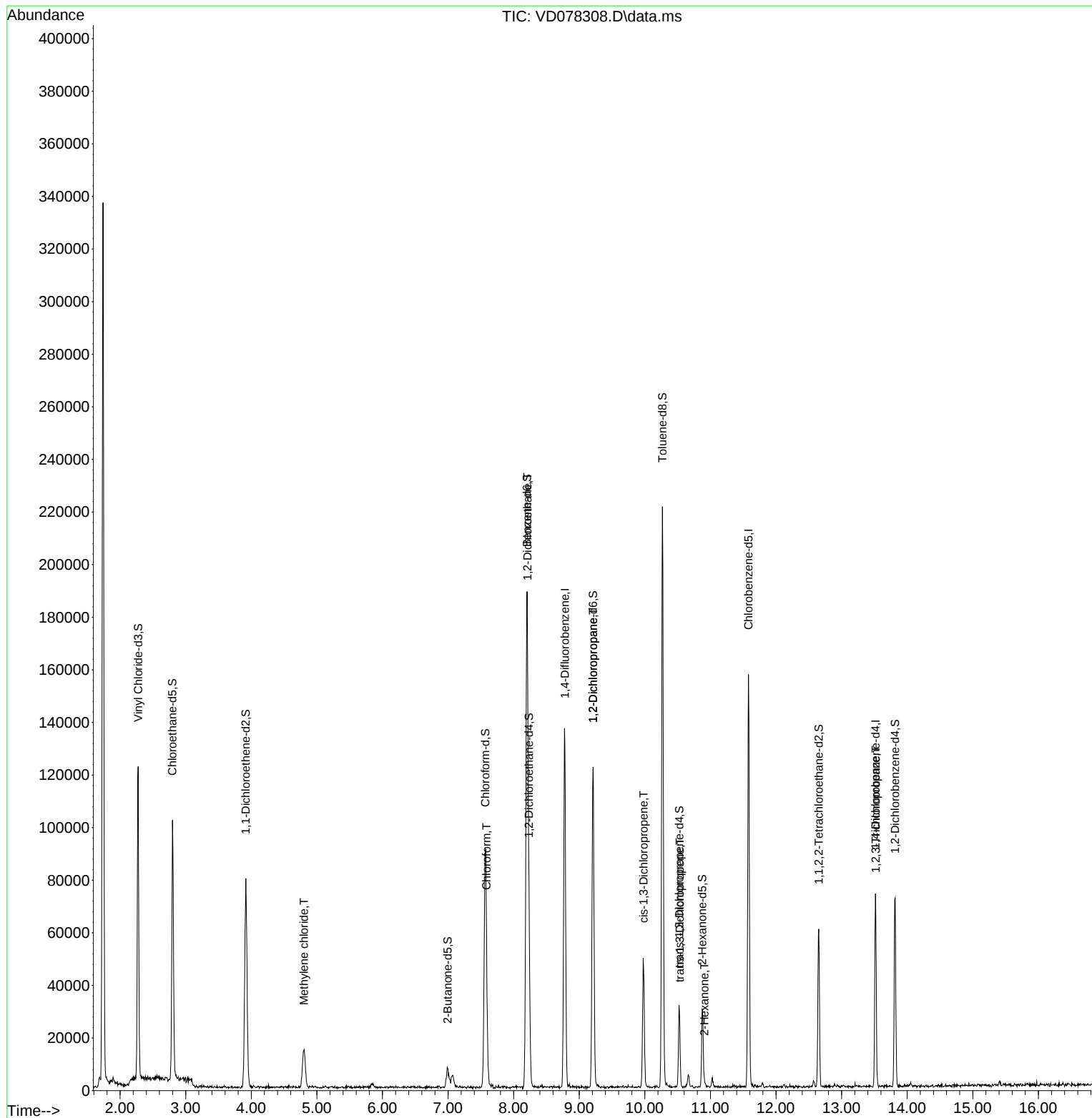
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	120612	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	89305	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	18862	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	112147	32.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.080%
7) Chloroethane-d5	2.799	69	95878	33.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.320%
11) 1,1-Dichloroethene-d2	3.916	65	21819	29.531	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	118.120%#
21) 2-Butanone-d5	6.993	46	13579	26.952	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.900%
24) Chloroform-d	7.569	84	97272	28.286	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	113.160%
26) 1,2-Dichloroethane-d4	8.234	65	46397	25.001	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	8.204	84	200230	38.345	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	153.360%#
36) 1,2-Dichloropropane-d6	9.210	67	61946	38.533	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	154.120%#
41) Toluene-d8	10.269	98	155285	33.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	132.440%#
43) trans-1,3-Dichloroprop...	10.528	79	17848	24.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.440%
47) 2-Hexanone-d5	10.875	63	10240	31.395	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.780%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	32108	21.494	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	19143	28.349	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.400%
Target Compounds						
16) Methylene chloride	4.805	84	11834	5.003	ug/L	96
25) Chloroform	7.587	83	6838	1.856	ug/L #	75
27) 1,2-Dichloroethane	8.210	62	1319	0.558	ug/L #	69
37) 1,2-Dichloropropane	9.210	63	7182	4.529	ug/L #	87
39) cis-1,3-Dichloropropene	9.981	75	1372	0.556	ug/L #	82
44) trans-1,3-Dichloropropene	10.534	75	937	0.434	ug/L	98
48) 2-Hexanone	10.910	43	884	1.100	ug/L #	56
61) 1,2,3-Trichloropropane	13.522	75	2569	5.340	ug/L #	56

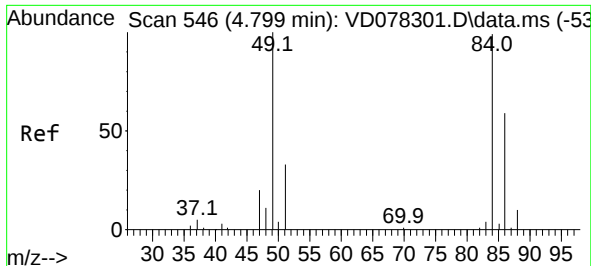
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Feb 02 00:36:57 2024
Response via : Initial Calibration

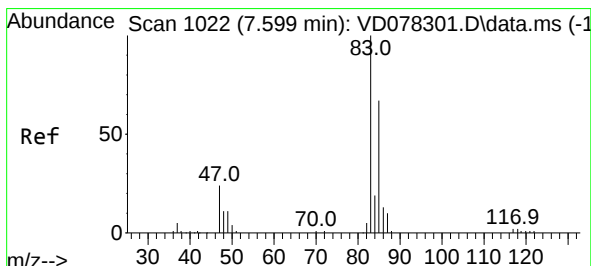
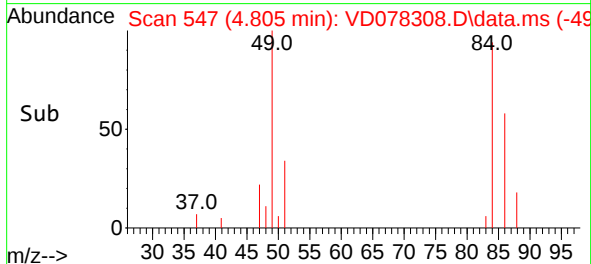
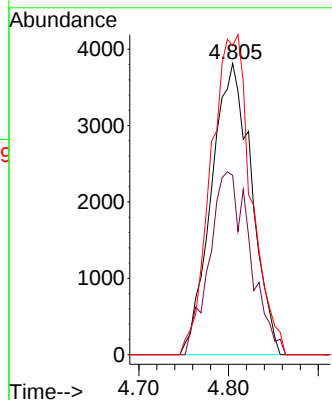
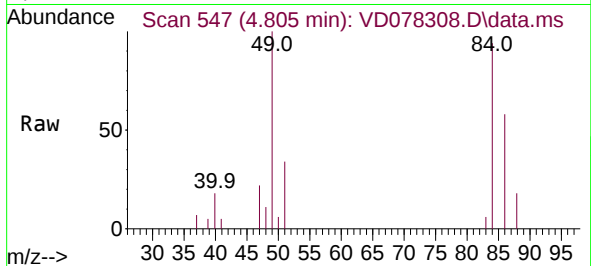




#16
Methylene chloride
Concen: 5.003 ug/L
RT: 4.805 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD078308.D
Acq: 01 Feb 2024 16:41

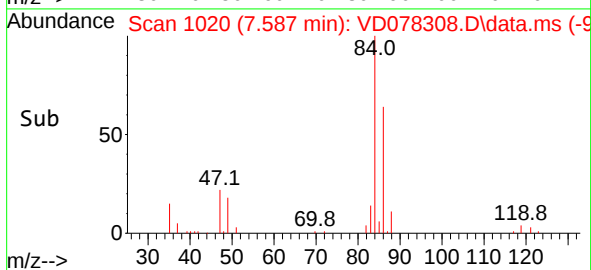
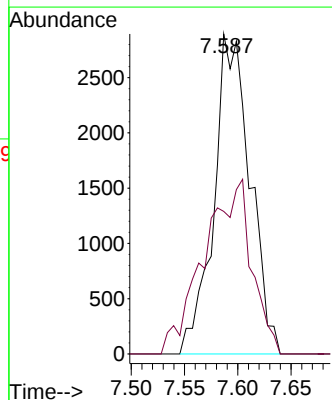
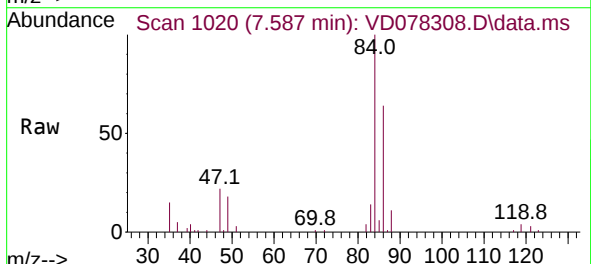
Instrument :
MSVOA_D
ClientSampleId :

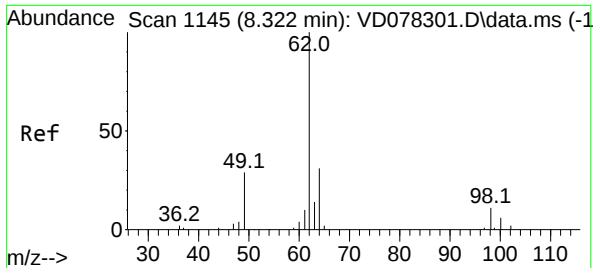
Tgt Ion: 84 Resp: 11834
Ion Ratio Lower Upper
84 100
86 61.6 45.4 84.2
49 106.1 77.3 143.7



#25
Chloroform
Concen: 1.856 ug/L
RT: 7.587 min Scan# 1020
Delta R.T. -0.012 min
Lab File: VD078308.D
Acq: 01 Feb 2024 16:41

Tgt Ion: 83 Resp: 6838
Ion Ratio Lower Upper
83 100
85 44.5 44.9 83.3#

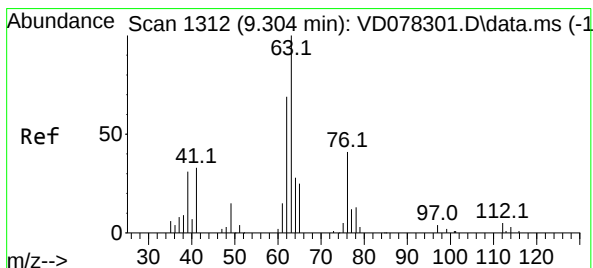
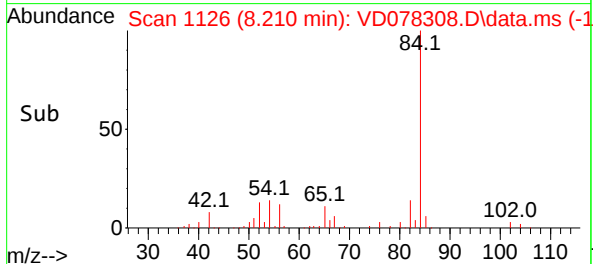
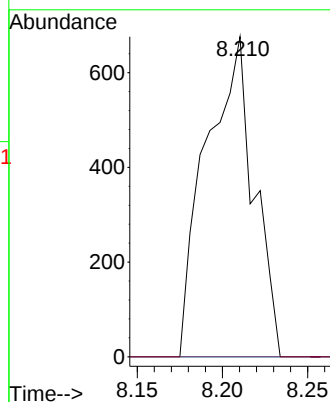
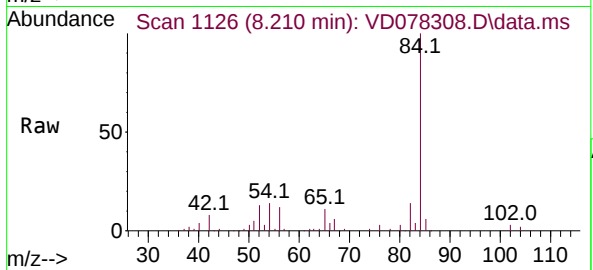




#27
1,2-Dichloroethane
Concen: 0.558 ug/L
RT: 8.210 min Scan# 1145
Delta R.T. -0.112 min
Lab File: VD078308.D
Acq: 01 Feb 2024 16:41

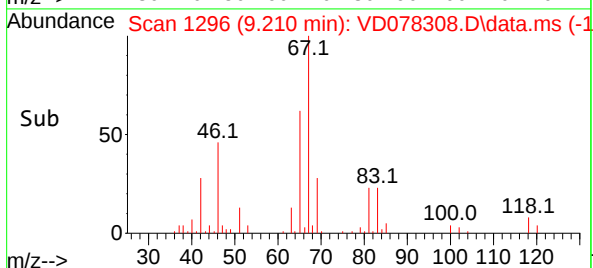
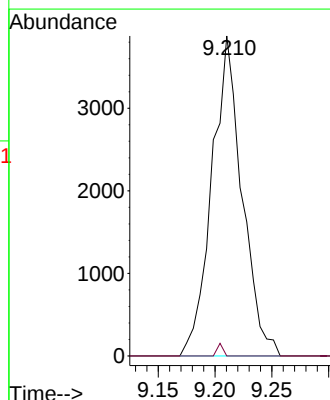
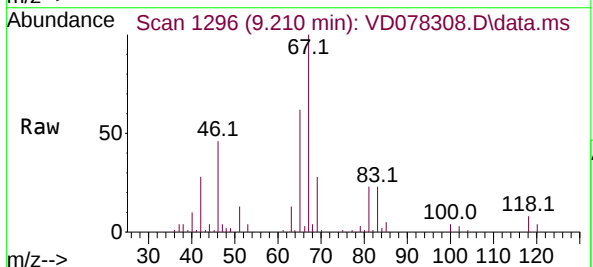
Instrument :
MSVOA_D
ClientSampleId :

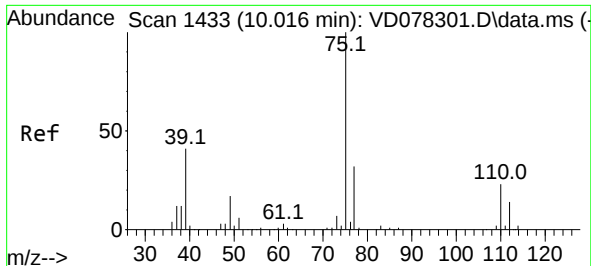
Tgt Ion: 62 Resp: 1319
Ion Ratio Lower Upper
62 100
98 0.0 9.5 14.3#



#37
1,2-Dichloropropane
Concen: 4.529 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD078308.D
Acq: 01 Feb 2024 16:41

Tgt Ion: 63 Resp: 7182
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.556 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD078308.D

Acq: 01 Feb 2024 16:41

Instrument :

MSVOA_D

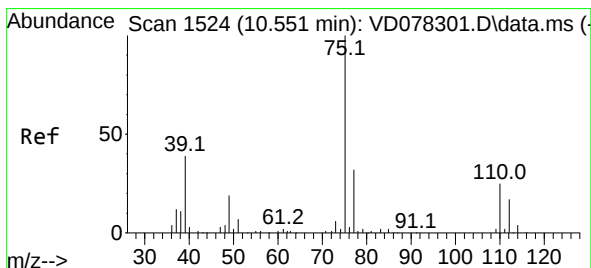
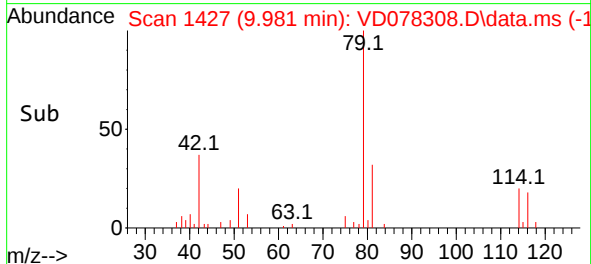
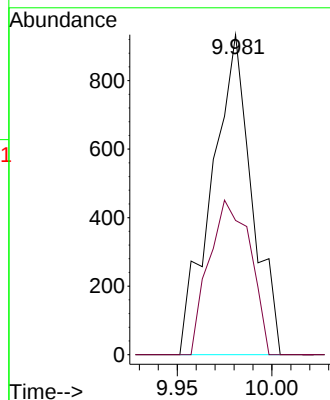
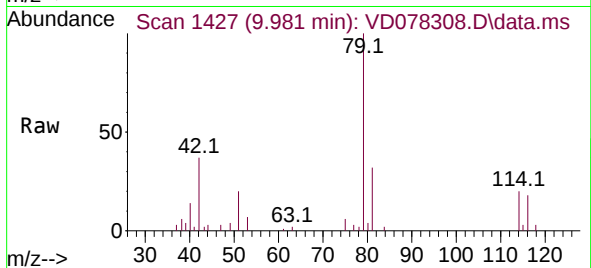
ClientSampleId :

Tgt Ion: 75 Resp: 1372

Ion Ratio Lower Upper

75 100

77 42.0 22.3 41.5#



#44

trans-1,3-Dichloropropene

Concen: 0.434 ug/L

RT: 10.534 min Scan# 1521

Delta R.T. -0.018 min

Lab File: VD078308.D

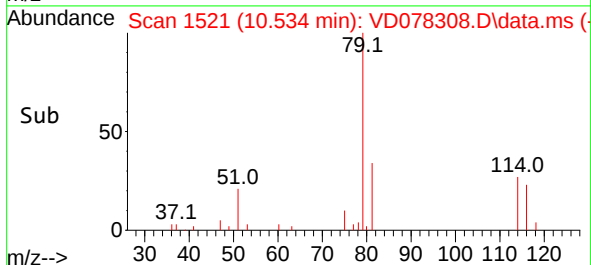
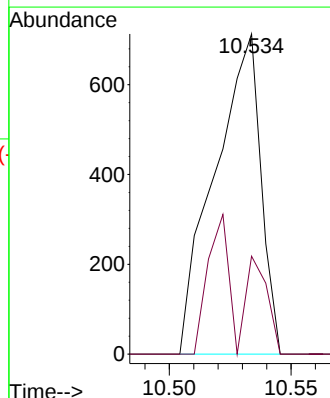
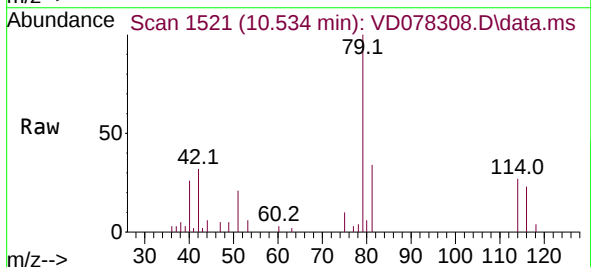
Acq: 01 Feb 2024 16:41

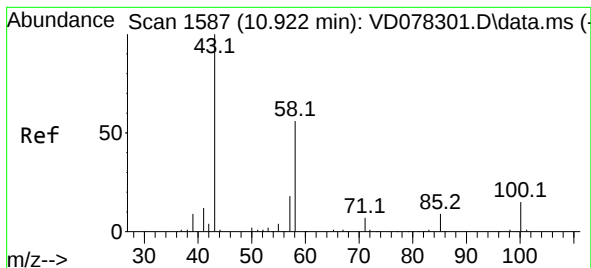
Tgt Ion: 75 Resp: 937

Ion Ratio Lower Upper

75 100

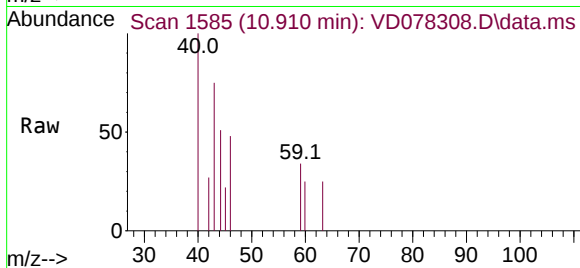
77 30.6 20.7 38.5



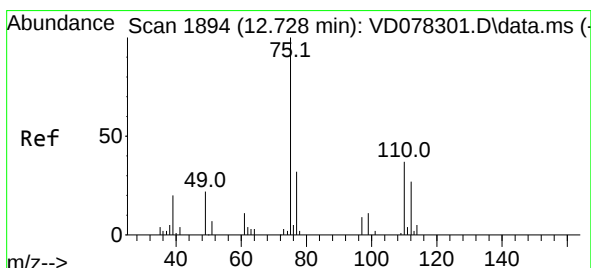
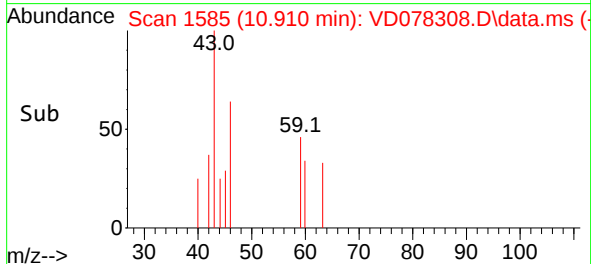
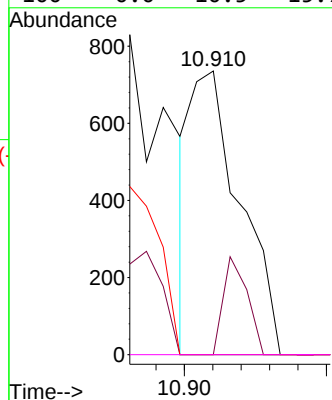


#48
2-Hexanone
Concen: 1.100 ug/L
RT: 10.910 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD078308.D
Acq: 01 Feb 2024 16:41

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43	Resp: 884
Ion Ratio	Lower Upper
43 100	
58 16.9	48.5 72.7#
57 15.7	15.6 23.4
100 0.0	10.5 15.7#



#61
1,2,3-Trichloropropane
Concen: 5.340 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.794 min
Lab File: VD078308.D
Acq: 01 Feb 2024 16:41

Tgt Ion: 75	Resp: 2569
Ion Ratio	Lower Upper
75 100	
77 22.2	26.5 39.7#
110 0.0	31.8 47.8#

