

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD043024\
 Data File : VD078850.D
 Acq On : 30 Apr 2024 12:43
 Operator : RP/MD
 Sample : P2321-01
 Misc : 4.56G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 01 09:48:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 01 09:47:37 2024
 Response via : Initial Calibration

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

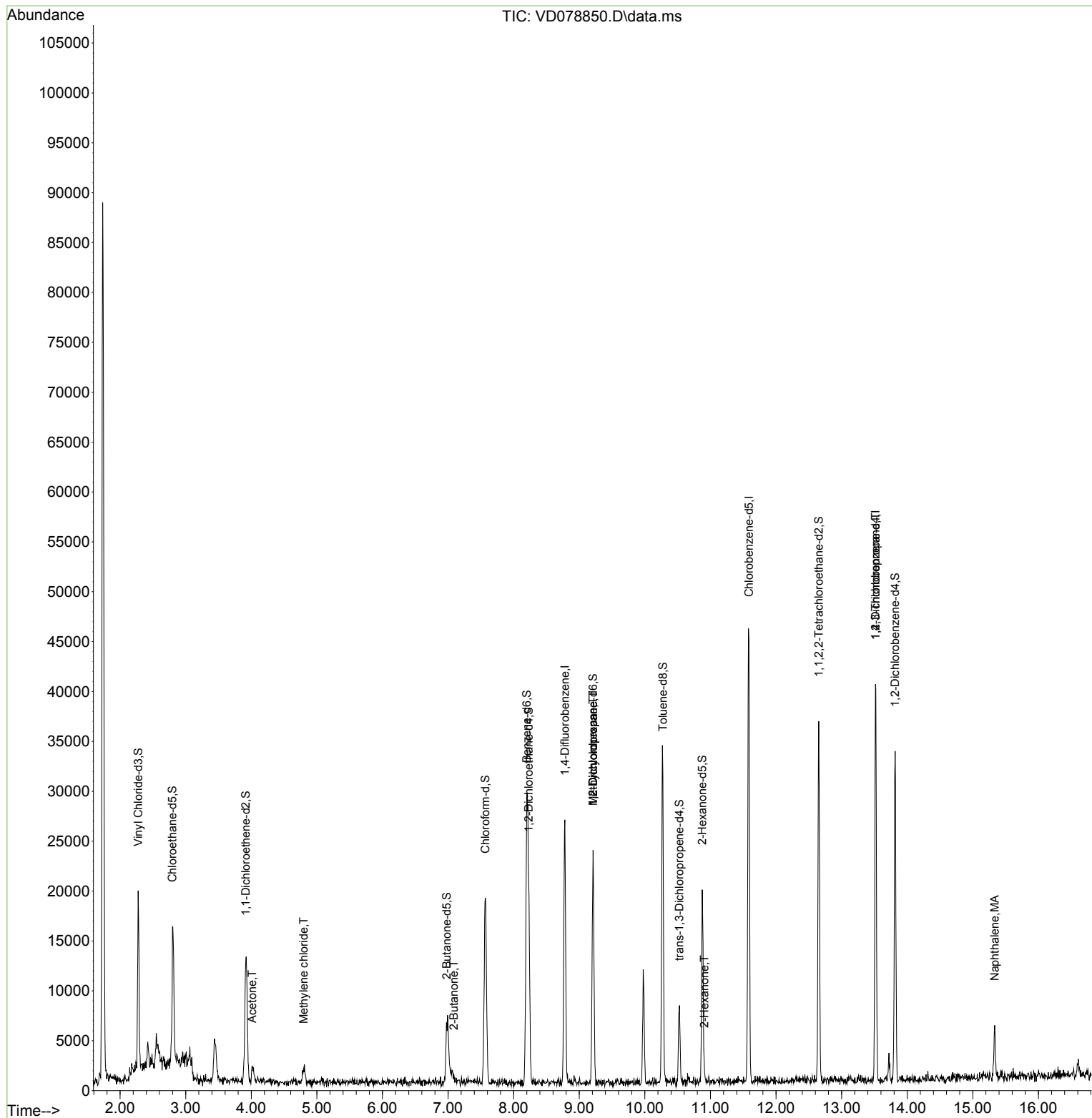
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	24173	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	28105	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	11682	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	15466	23.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.920%
7) Chloroethane-d5	2.799	69	14670	23.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.560%
11) 1,1-Dichloroethene-d2	3.916	65	3507	28.675	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	114.720%#
21) 2-Butanone-d5	6.981	46	6047	95.311	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	190.620%#
24) Chloroform-d	7.569	84	19969	33.838	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	135.360%
26) 1,2-Dichloroethane-d4	8.228	65	11739	39.154	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	156.600%#
32) Benzene-d6	8.199	84	32604	22.767	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.080%
36) 1,2-Dichloropropane-d6	9.210	67	11284	27.382	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.520%
41) Toluene-d8	10.275	98	25027	18.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.120%
43) trans-1,3-Dichloroprop...	10.528	79	5216	27.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.920%
47) 2-Hexanone-d5	10.875	63	6392	96.011	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	192.020%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	19048	49.015	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	196.080%#
66) 1,2-Dichlorobenzene-d4	13.816	152	10043	25.206	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.840%
Target Compounds						
					Qvalue	
13) Acetone	4.016	43	1050	12.909	ug/L	39
16) Methylene chloride	4.799	84	762	1.819	ug/L #	64
22) 2-Butanone	7.087	43	208	2.093	ug/L #	41
35) Methylcyclohexane	9.210	83	2642	4.183	ug/L #	22
37) 1,2-Dichloropropane	9.210	63	1440	3.524	ug/L #	84
48) 2-Hexanone	10.910	43	214	1.457	ug/L #	40
61) 1,2,3-Trichloropropane	13.516	75	1664	7.717	ug/L #	58
71) Naphthalene	15.333	128	5008	6.466	ug/L #	93

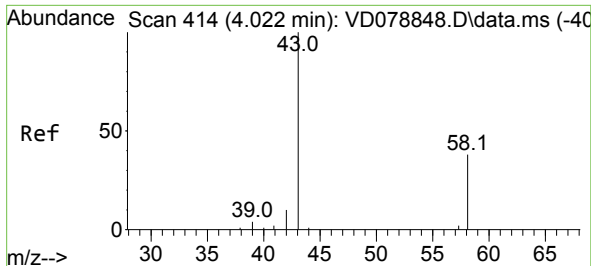
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed May 01 09:47:37 2024
Response via : Initial Calibration





#13

Acetone

Concen: 12.909 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD078850.D

Acq: 30 Apr 2024 12:43

Instrument :

MSVOA_D

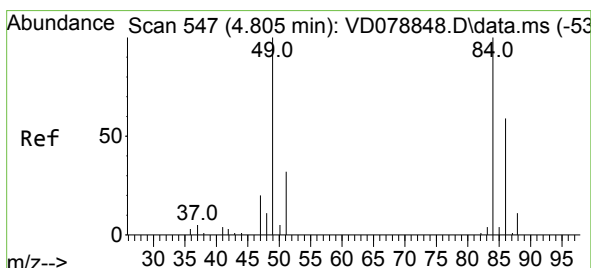
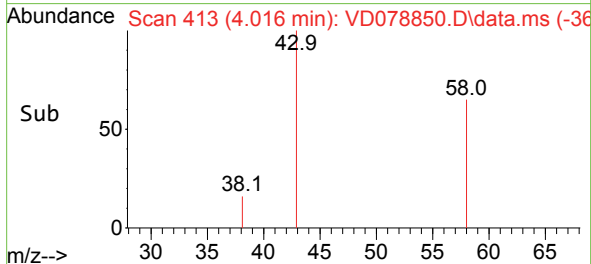
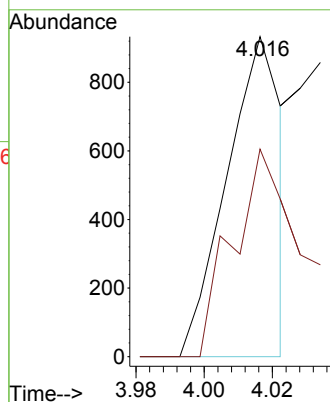
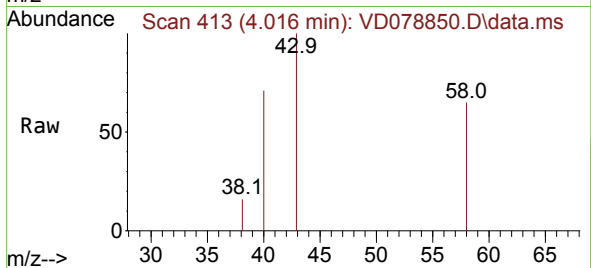
ClientSampleId :

Tgt Ion: 43 Resp: 1050

Ion Ratio Lower Upper

43 100

58 76.7 0.0 78.6



#16

Methylene chloride

Concen: 1.819 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD078850.D

Acq: 30 Apr 2024 12:43

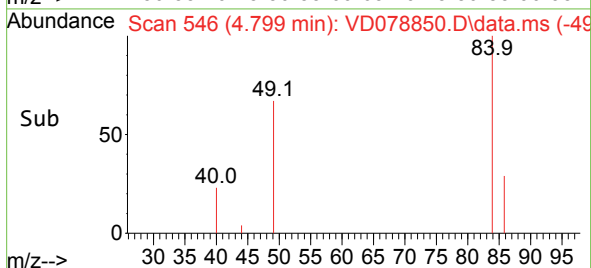
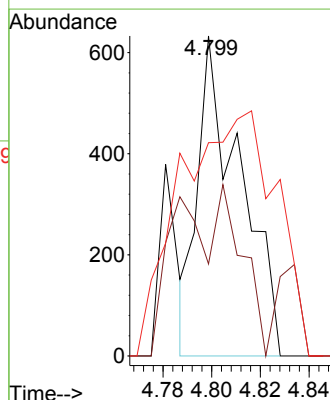
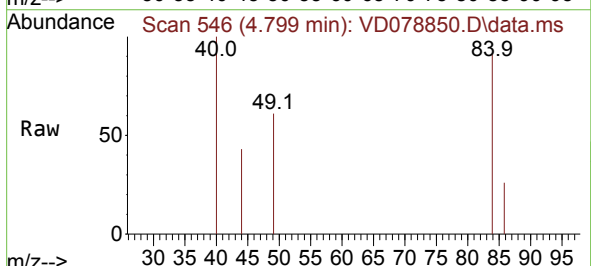
Tgt Ion: 84 Resp: 762

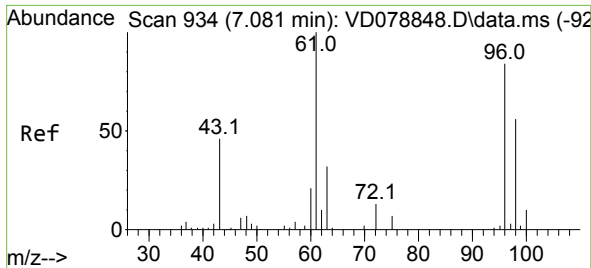
Ion Ratio Lower Upper

84 100

86 28.8 44.7 83.1#

49 66.7 67.1 124.5#

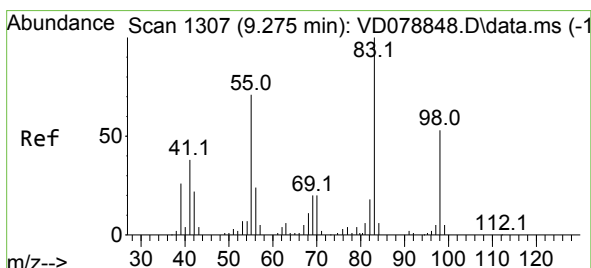
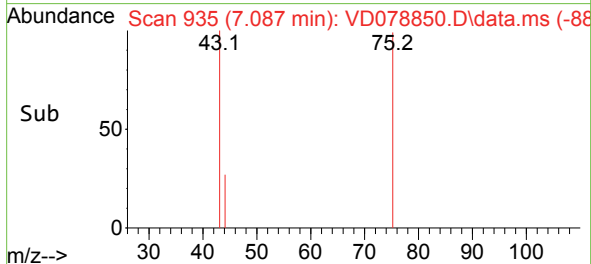
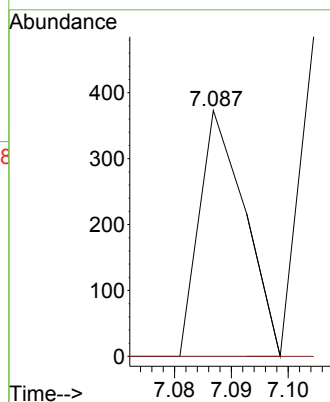
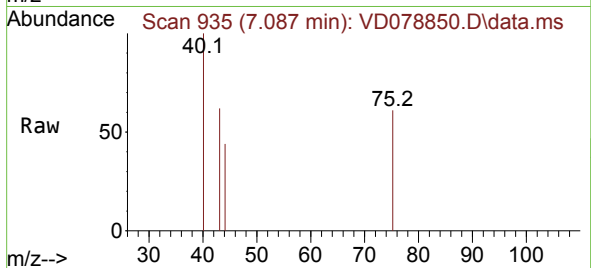




#22
2-Butanone
Concen: 2.093 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078850.D
Acq: 30 Apr 2024 12:43

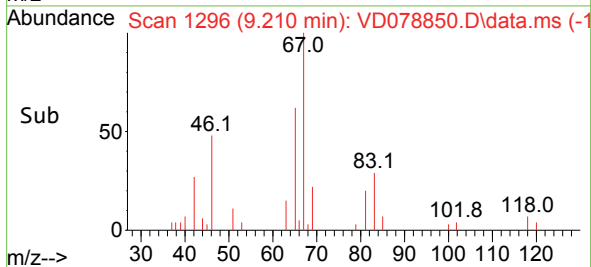
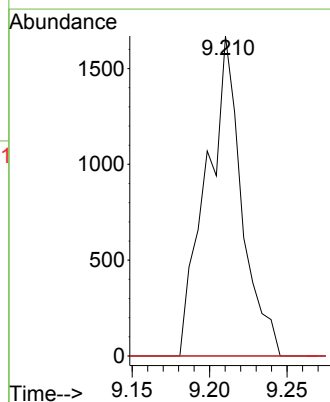
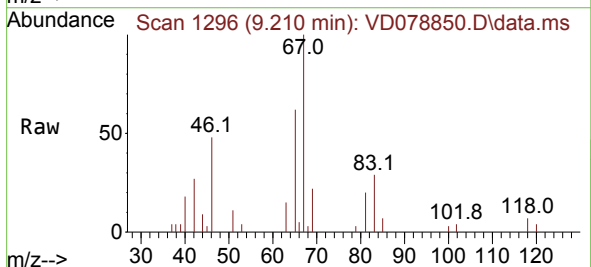
Instrument :
MSVOA_D
ClientSampleId :

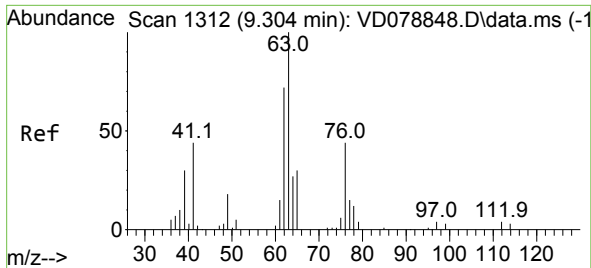
Tgt Ion: 43 Resp: 208
Ion Ratio Lower Upper
43 100
72 0.0 16.8 50.4#



#35
Methylcyclohexane
Concen: 4.183 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD078850.D
Acq: 30 Apr 2024 12:43

Tgt Ion: 83 Resp: 2642
Ion Ratio Lower Upper
83 100
55 0.0 50.2 75.2#
98 0.0 40.7 61.1#

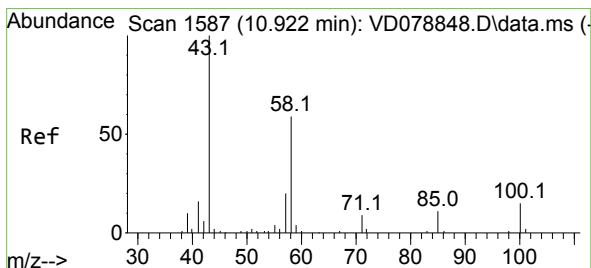
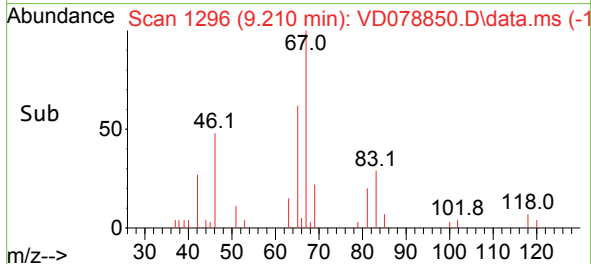
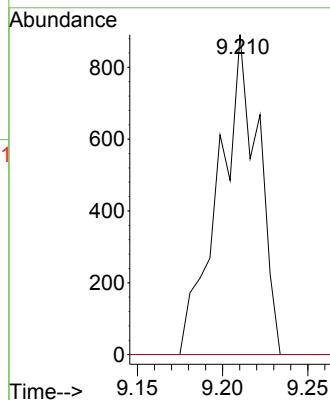
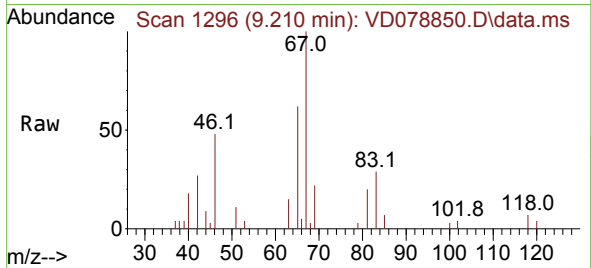




#37
1,2-Dichloropropane
Concen: 3.524 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD078850.D
Acq: 30 Apr 2024 12:43

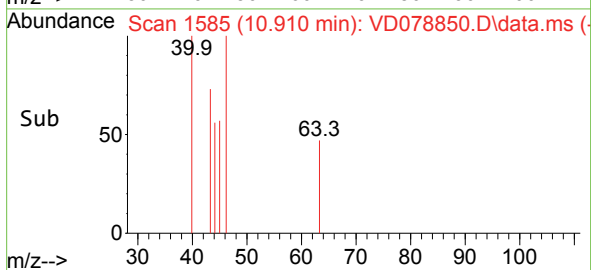
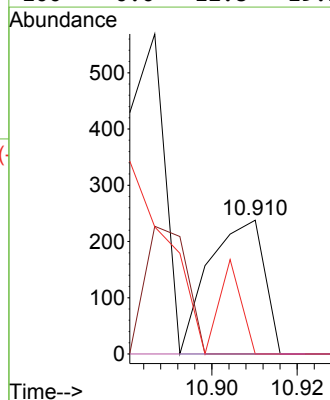
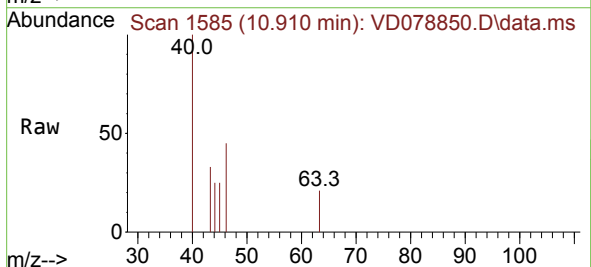
Instrument :
MSVOA_D
ClientSampleId :

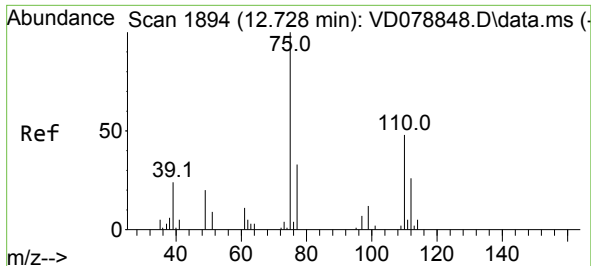
Tgt Ion: 63 Resp: 1440
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#



#48
2-Hexanone
Concen: 1.457 ug/L
RT: 10.910 min Scan# 1585
Delta R.T. -0.012 min
Lab File: VD078850.D
Acq: 30 Apr 2024 12:43

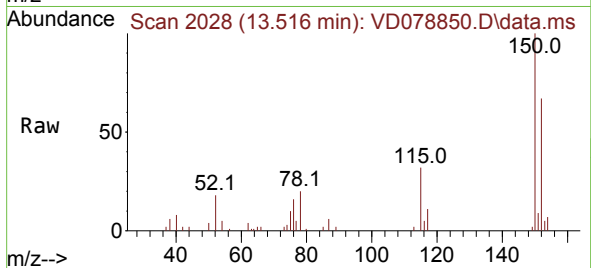
Tgt Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
58 0.0 50.3 75.5#
57 27.6 16.5 24.7#
100 0.0 12.8 19.2#



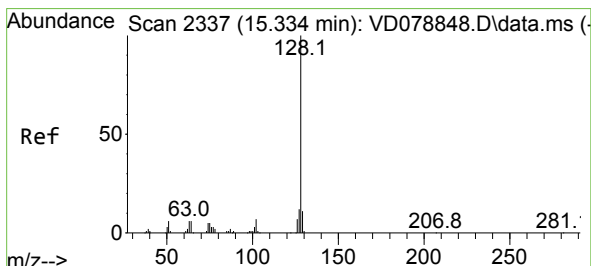
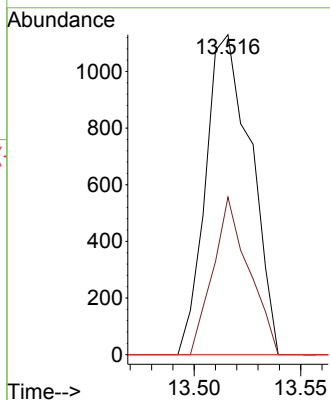
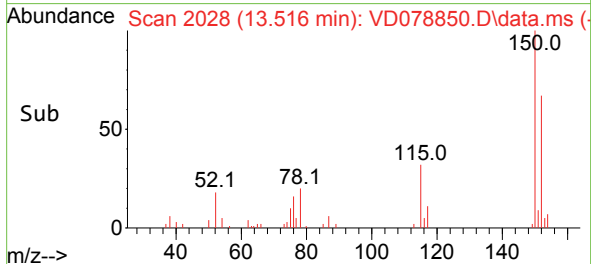


#61
1,2,3-Trichloropropane
Concen: 7.717 ug/L
RT: 13.516 min Scan# 20
Delta R.T. 0.788 min
Lab File: VD078850.D
Acq: 30 Apr 2024 12:43

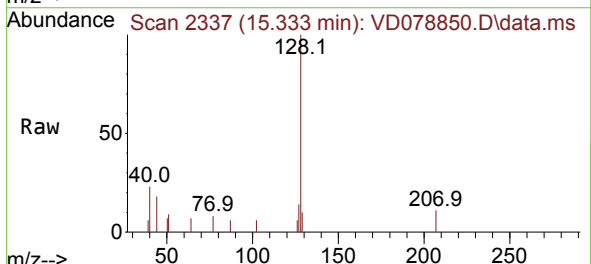
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 1664
Ion Ratio Lower Upper
75 100
77 39.0 26.9 40.3
110 0.0 34.6 51.8#



#71
Naphthalene
Concen: 6.466 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD078850.D
Acq: 30 Apr 2024 12:43



Tgt Ion: 128 Resp: 5008
Ion Ratio Lower Upper
128 100
127 12.3 10.5 15.7
129 6.3 8.8 13.2#

