

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078307.D
 Acq On : 01 Feb 2024 16:14
 Operator : RP/MD
 Sample : P1329-05
 Misc : 4.58G/10ml/MSVOA_D/SOIL/VIAL A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 02 00:40:03 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	8.775	114	43989	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	41991	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	15950	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	92308	73.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	295.840%#
7) Chloroethane-d5	2.799	69	75504	71.972	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	287.880%#
11) 1,1-Dichloroethene-d2	3.923	65	18547	68.827	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	275.320%#
21) 2-Butanone-d5	6.993	46	41708	226.980	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	453.960%#
24) Chloroform-d	7.569	84	78226	62.371	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	249.480%#
26) 1,2-Dichloroethane-d4	8.234	65	48549	71.728	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	286.920%#
32) Benzene-d6	8.205	84	169200	68.912	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	275.640%#
36) 1,2-Dichloropropane-d6	9.210	67	50638	66.991	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	267.960%#
41) Toluene-d8	10.269	98	140163	63.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	254.240%#
43) trans-1,3-Dichloroprop...	10.575	79	68	0.201	ug/L	0.05
Spiked Amount	25.000	Range	30 - 135	Recovery	=	0.800%#
47) 2-Hexanone-d5	10.881	63	32154	209.660	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	419.320%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	58484	83.264	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	333.040%#
66) 1,2-Dichlorobenzene-d4	13.816	152	37680	65.988	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	263.960%#
Target Compounds						Qvalue
6) Bromomethane	2.699	94	543	0.768	ug/L	76
10) 1,1,2-Trichloro-1,2,2-...	3.917	101	251	0.364	ug/L #	22
12) 1,1-Dichloroethene	3.911	96	519	0.813	ug/L #	1
16) Methylene chloride	4.805	84	7977	9.247	ug/L	96
22) 2-Butanone	7.081	43	337	1.154	ug/L #	44
25) Chloroform	7.593	83	4073	3.032	ug/L	97
27) 1,2-Dichloroethane	8.205	62	418	0.484	ug/L #	69
34) Trichloroethene	8.775	95	1615	2.260	ug/L #	3
35) Methylcyclohexane	9.216	83	11733	10.492	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	5282	7.084	ug/L #	87
39) cis-1,3-Dichloropropene	9.975	75	1695	1.460	ug/L #	82
44) trans-1,3-Dichloropropene	10.528	75	1096	1.079	ug/L	89
48) 2-Hexanone	10.905	43	497	1.316	ug/L #	47
57) 1,1,2,2-Tetrachloroethane	12.651	83	330	0.433	ug/L #	19
61) 1,2,3-Trichloropropane	13.516	75	2031	4.992	ug/L #	64
71) Naphthalene	15.334	128	436	0.325	ug/L #	69

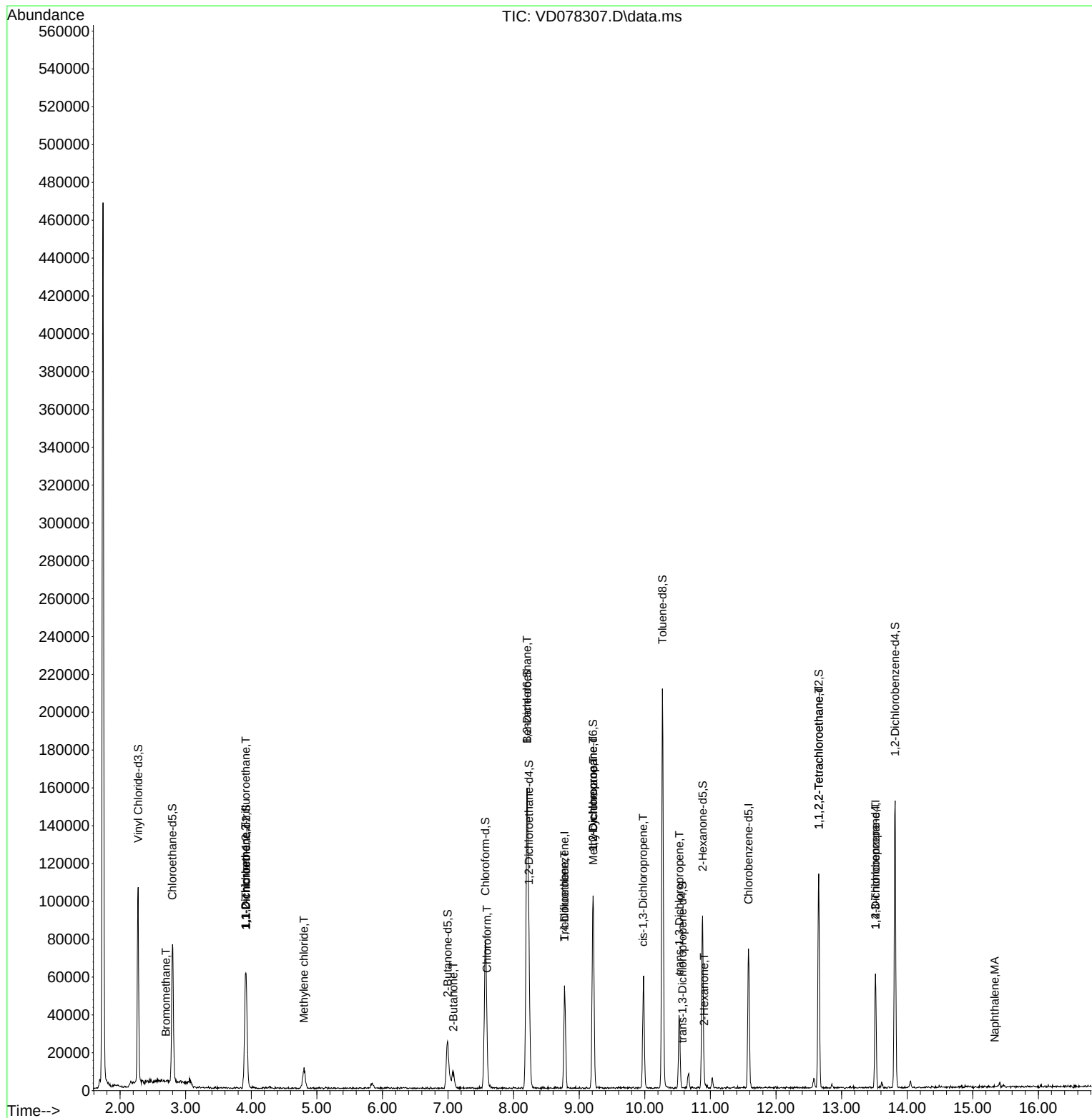
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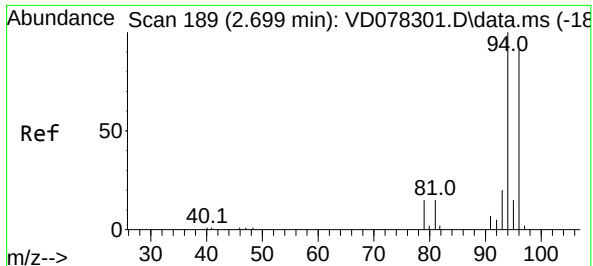
Instrument :
MSVOA_D
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD078307.D
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Quant Time: Feb 02 00:40:03 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

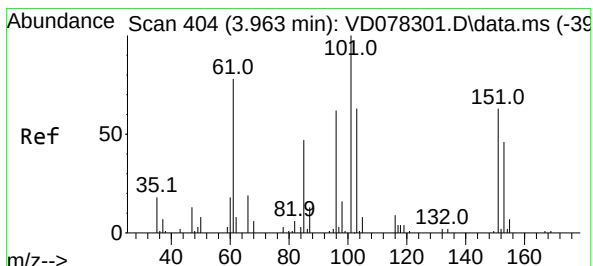
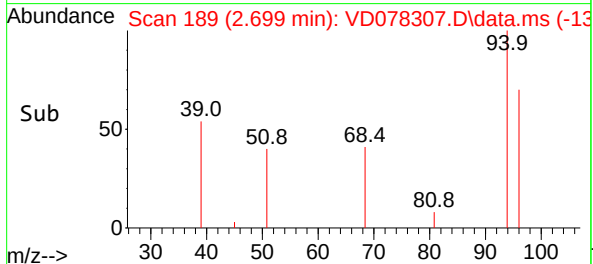
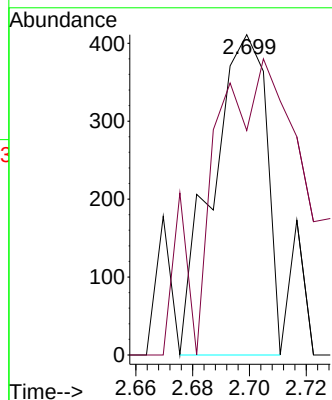
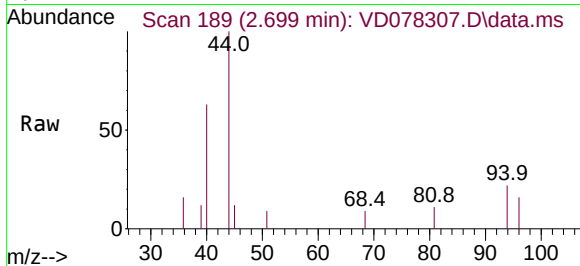




#6
Bromomethane
Concen: 0.768 ug/L
RT: 2.699 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078307.D
Acq: 01 Feb 2024 16:14

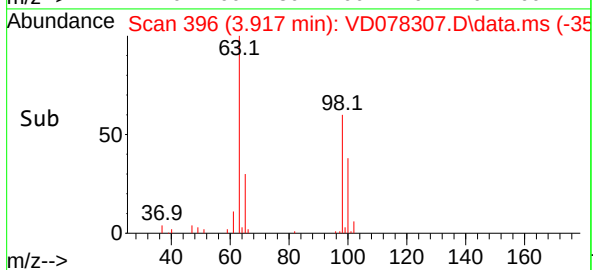
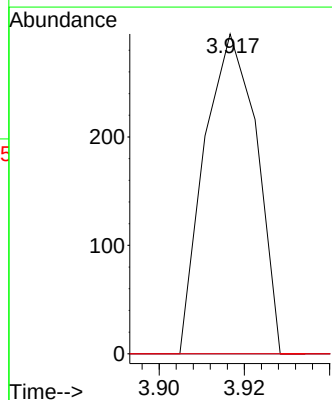
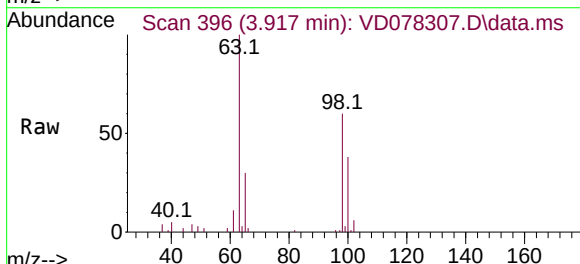
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MSVOA_D
ClientSampleId :

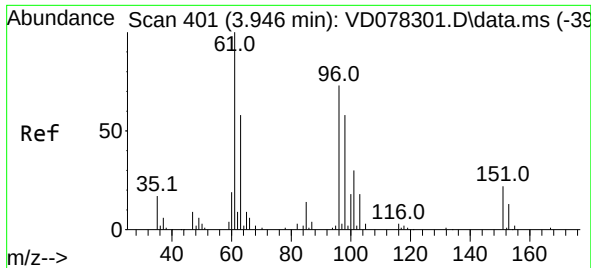
Tgt Ion: 94 Resp: 543
Ion Ratio Lower Upper
94 100
96 70.1 64.8 120.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.364 ug/L
RT: 3.917 min Scan# 396
Delta R.T. -0.047 min
Lab File: VD078307.D
Acq: 01 Feb 2024 16:14

Tgt Ion:101 Resp: 251
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 54.6 81.8#

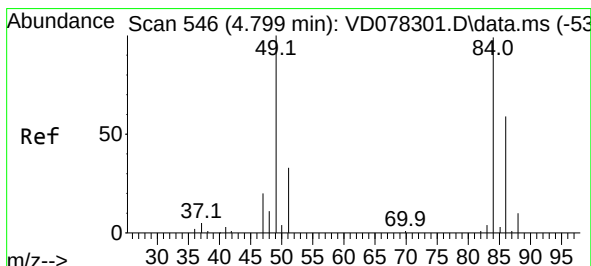
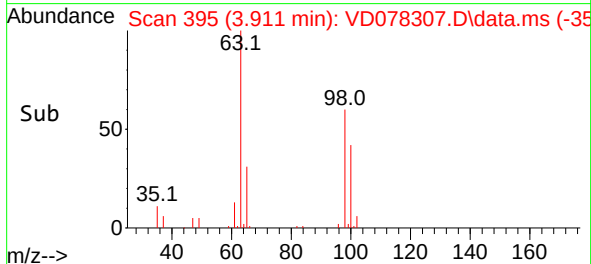
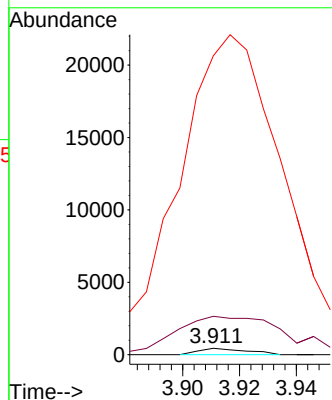
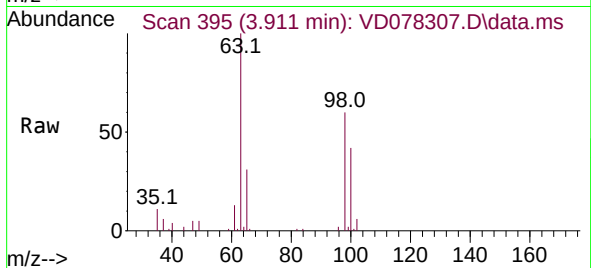




#12
1,1-Dichloroethene
Concen: 0.813 ug/L
RT: 3.911 min Scan# 395
Delta R.T. -0.035 min
Lab File: VD078307.D
Acq: 01 Feb 2024 16:14

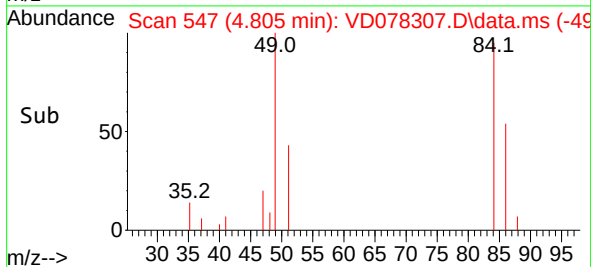
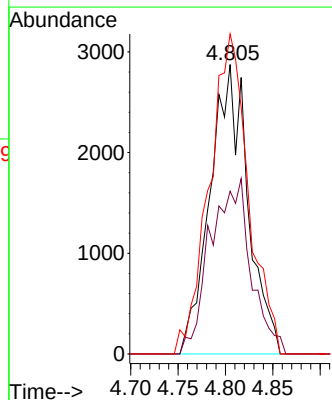
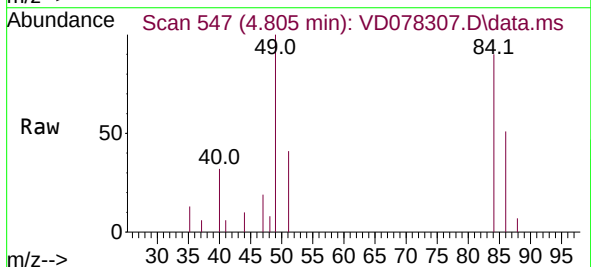
Instrument :
MSVOA_D
ClientSampleId :

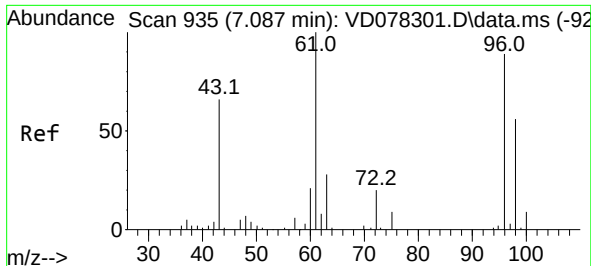
Tgt Ion: 96 Resp: 519
Ion Ratio Lower Upper
96 100
61 602.0 108.8 202.2#
63 4680.3 65.2 121.0#



#16
Methylene chloride
Concen: 9.247 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD078307.D
Acq: 01 Feb 2024 16:14

Tgt Ion: 84 Resp: 7977
Ion Ratio Lower Upper
84 100
86 56.2 45.4 84.2
49 110.6 77.3 143.7





#22

2-Butanone

Concen: 1.154 ug/L

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078307.D

Acq: 01 Feb 2024 16:14

Instrument :

MSVOA_D

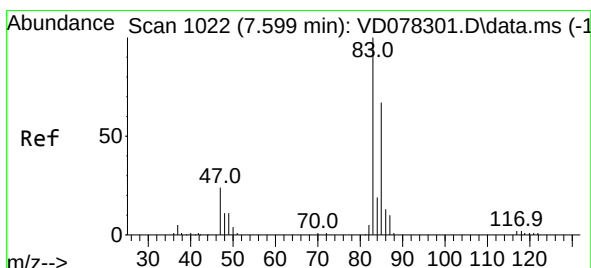
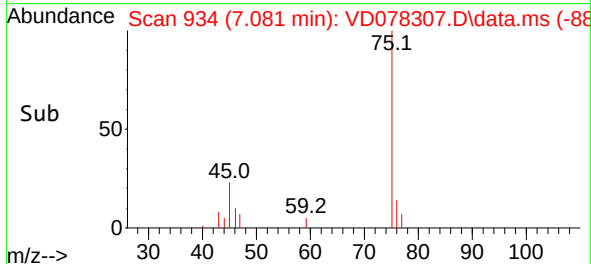
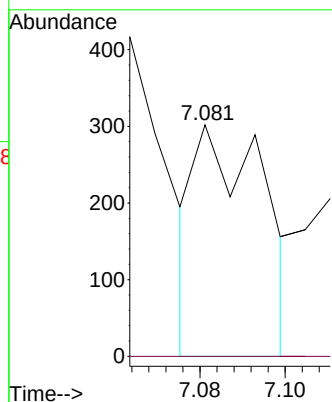
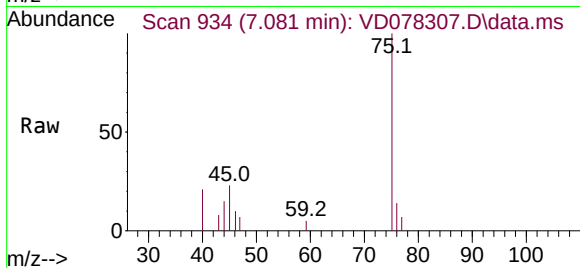
ClientSampleId :

Tgt Ion: 43 Resp: 337

Ion Ratio Lower Upper

43 100

72 0.0 15.4 46.2#



#25

Chloroform

Concen: 3.032 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078307.D

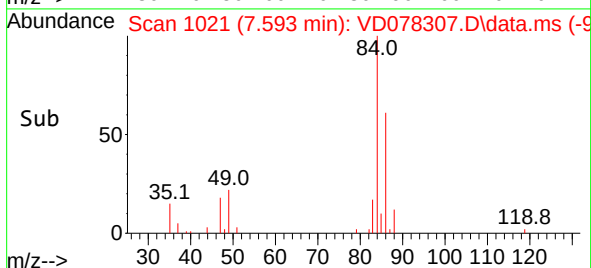
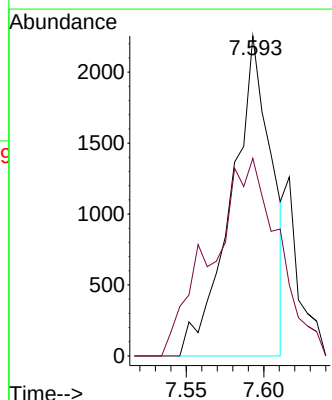
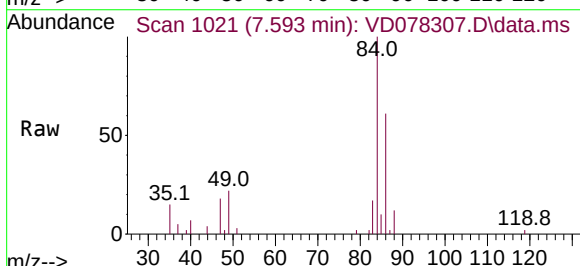
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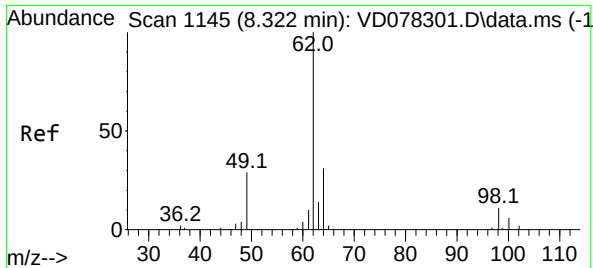
Tgt Ion: 83 Resp: 4073

Ion Ratio Lower Upper

83 100

85 61.7 44.9 83.3





#27

1,2-Dichloroethane

Concen: 0.484 ug/L

RT: 8.205 min Scan# 1145

Delta R.T. -0.117 min

Lab File: VD078307.D

Acq: 01 Feb 2024 16:14

Instrument :

MSVOA_D

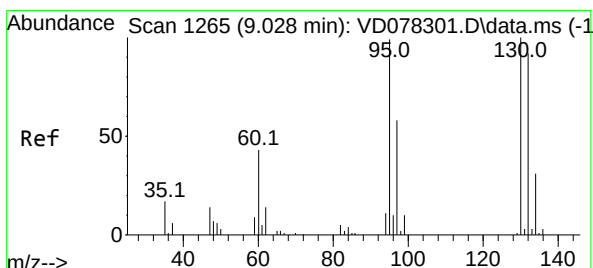
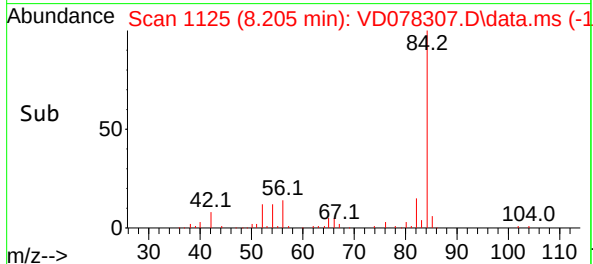
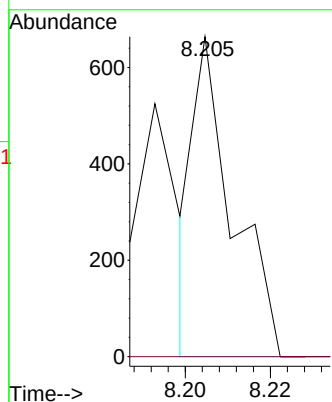
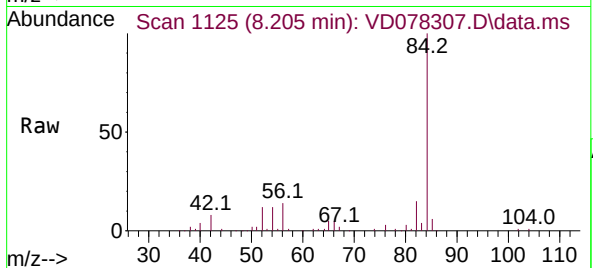
ClientSampleId :

Tgt Ion: 62 Resp: 418

Ion Ratio Lower Upper

62 100

98 0.0 9.5 14.3#



#34

Trichloroethene

Concen: 2.260 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD078307.D

Acq: 01 Feb 2024 16:14

Tgt Ion: 95 Resp: 1615

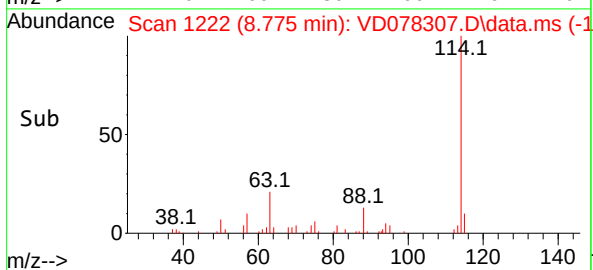
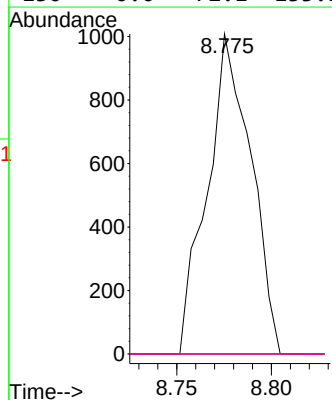
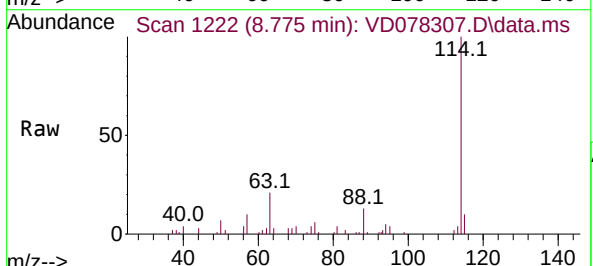
Ion Ratio Lower Upper

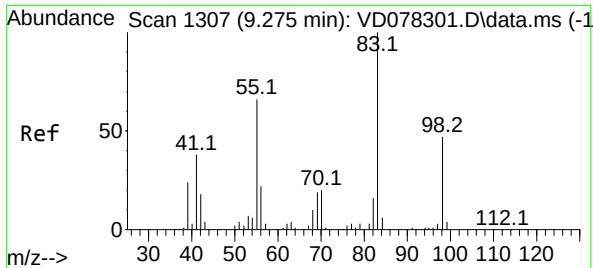
95 100

97 0.0 46.9 87.1#

132 0.0 73.7 136.9#

130 0.0 72.1 133.9#

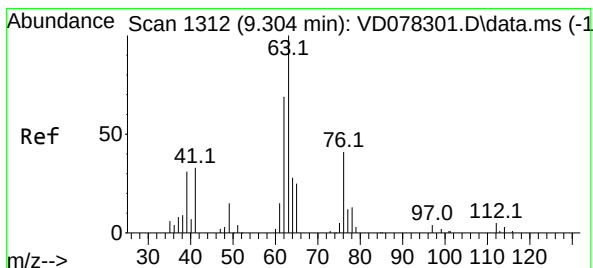
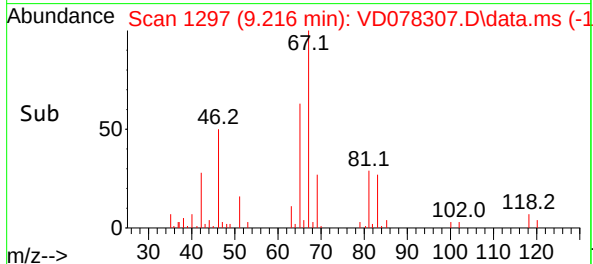
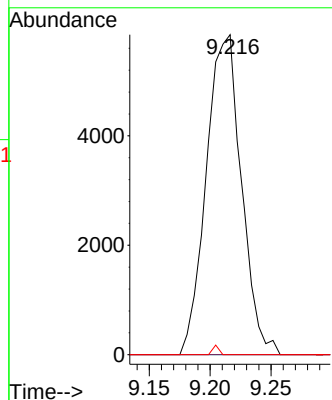
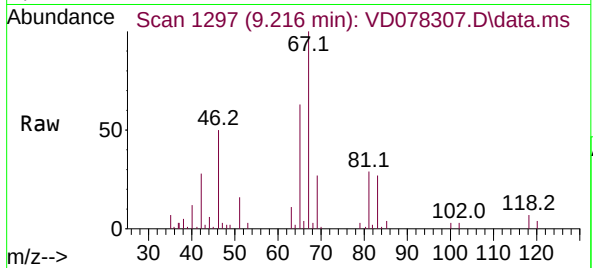




#35
Methylcyclohexane
Concen: 10.492 ug/L
RT: 9.216 min Scan# 1297
Delta R.T. -0.059 min
Lab File: VD078307.D
Acq: 01 Feb 2024 16:14

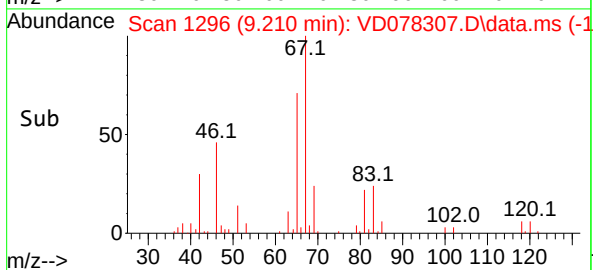
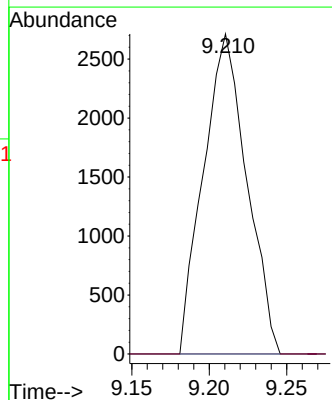
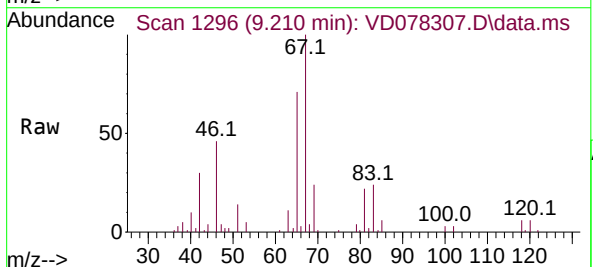
Instrument :
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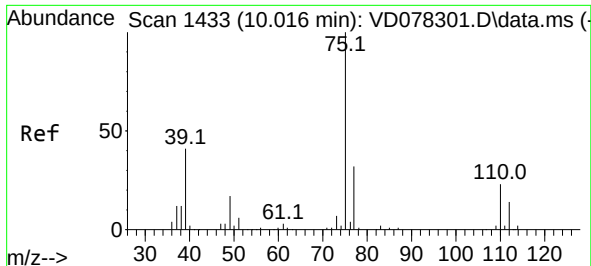
Tgt Ion: 83 Resp: 11733
Ion Ratio Lower Upper
83 100
55 0.0 56.2 84.4#
98 0.0 41.2 61.8#



#37
1,2-Dichloropropane
Concen: 7.084 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD078307.D
Acq: 01 Feb 2024 16:14

Tgt Ion: 63 Resp: 5282
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#

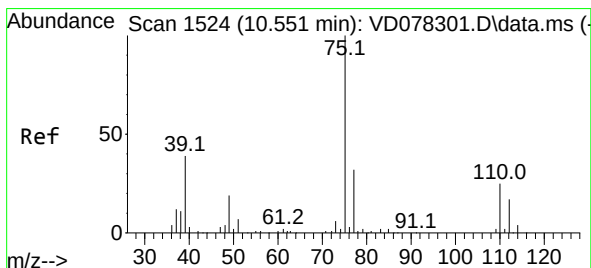
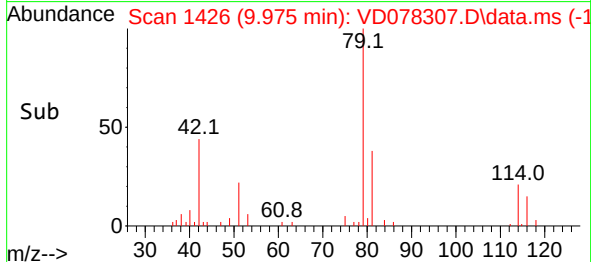
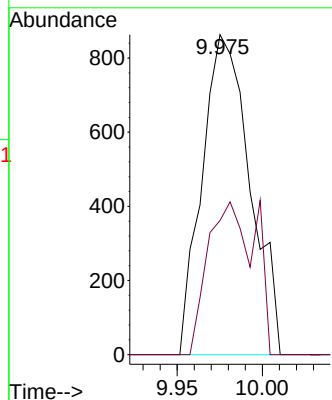
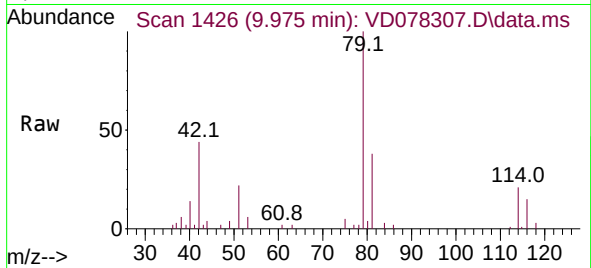




#39
cis-1,3-Dichloropropene
Concen: 1.460 ug/L
RT: 9.975 min Scan# 14
Delta R.T. -0.041 min
Lab File: VD078307.D
Acq: 01 Feb 2024 16:14

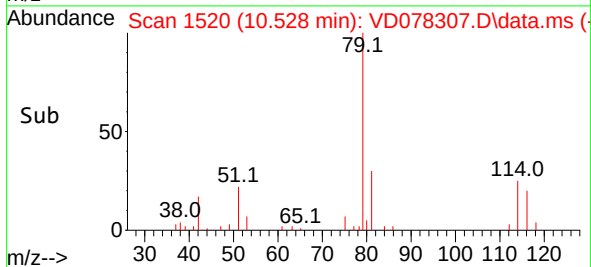
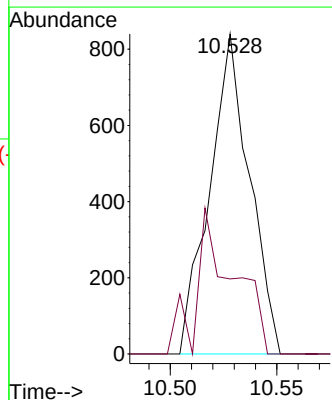
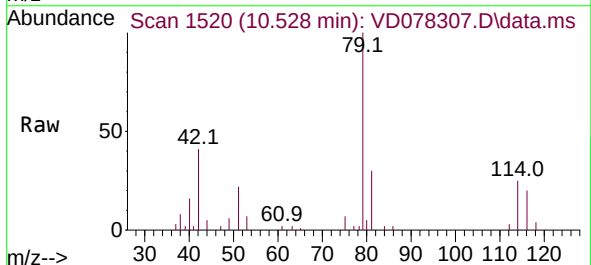
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MSVOA_D
ClientSampleId :

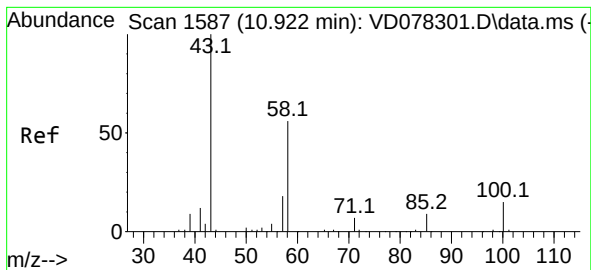
Tgt Ion: 75 Resp: 1695
Ion Ratio Lower Upper
75 100
77 41.9 22.3 41.5#



#44
trans-1,3-Dichloropropene
Concen: 1.079 ug/L
RT: 10.528 min Scan# 1520
Delta R.T. -0.023 min
Lab File: VD078307.D
Acq: 01 Feb 2024 16:14

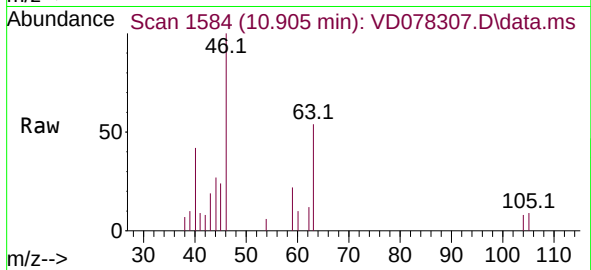
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Ion Ratio Lower Upper
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77 23.5 20.7 38.5





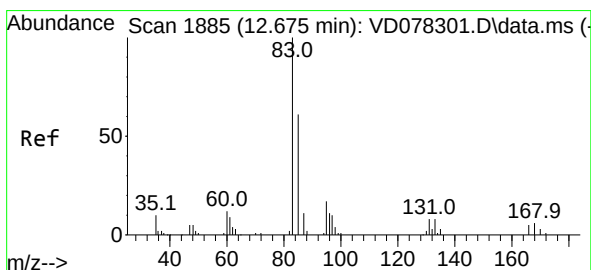
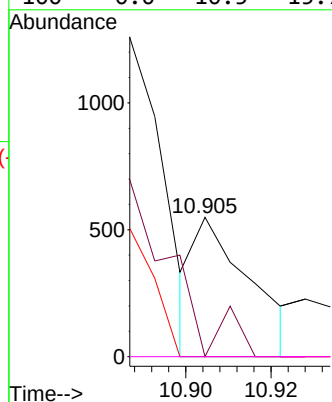
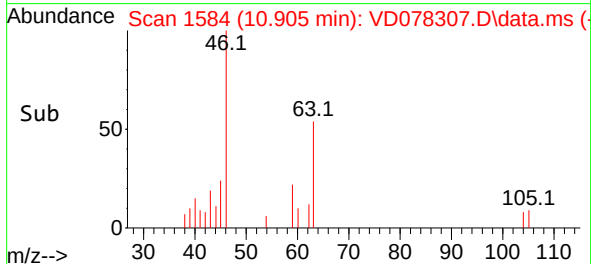
#48
2-Hexanone
Concen: 1.316 ug/L
RT: 10.905 min Scan# 11
Delta R.T. -0.017 min
Lab File: VD078307.D
Acq: 01 Feb 2024 16:14

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 497

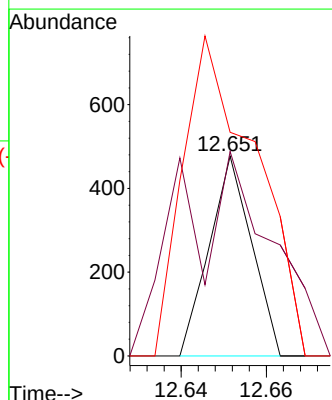
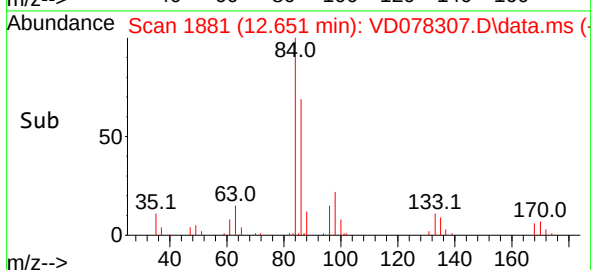
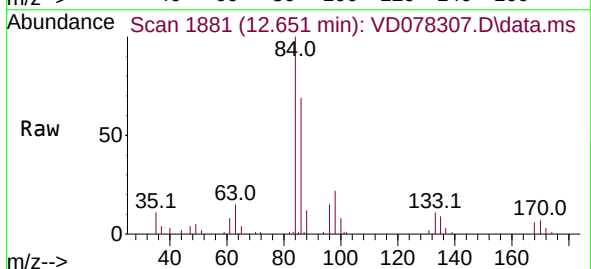
Ion	Ratio	Lower	Upper
43	100		
58	14.1	48.5	72.7#
57	0.0	15.6	23.4#
100	0.0	10.5	15.7#

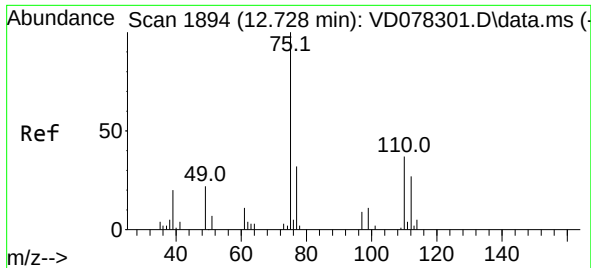


#57
1,1,2,2-Tetrachloroethane
Concen: 0.433 ug/L
RT: 12.651 min Scan# 1881
Delta R.T. -0.023 min
Lab File: VD078307.D
Acq: 01 Feb 2024 16:14

Tgt Ion: 83 Resp: 330

Ion	Ratio	Lower	Upper
83	100		
85	102.3	42.6	79.0#
131	111.9	6.0	9.0#

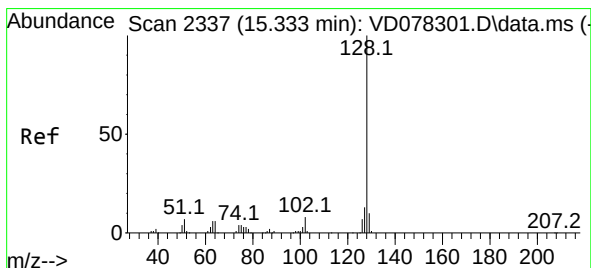
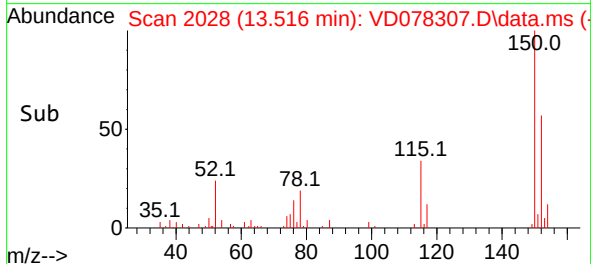
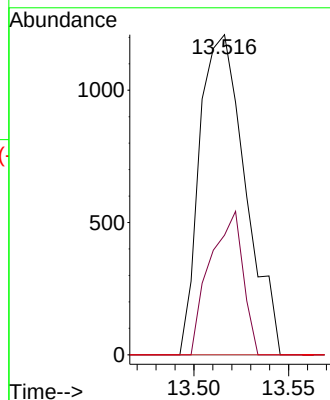
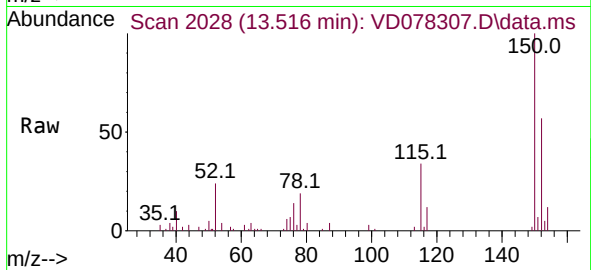




#61
1,2,3-Trichloropropane
Concen: 4.992 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD078307.D
Acq: 01 Feb 2024 16:14

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 2031
Ion Ratio Lower Upper
75 100
77 32.4 26.5 39.7
110 0.0 31.8 47.8#



#71
Naphthalene
Concen: 0.325 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD078307.D
Acq: 01 Feb 2024 16:14

Tgt Ion:128 Resp: 436
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.6 12.8#

