

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042923\
 Data File : VD075919.D
 Acq On : 29 Apr 2023 16:21
 Operator : KP/SY
 Sample : 02525-09RE
 Misc : 5.92G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCK6RE

Quant Time: May 01 00:17:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon May 01 00:14:49 2023
 Response via : Initial Calibration

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

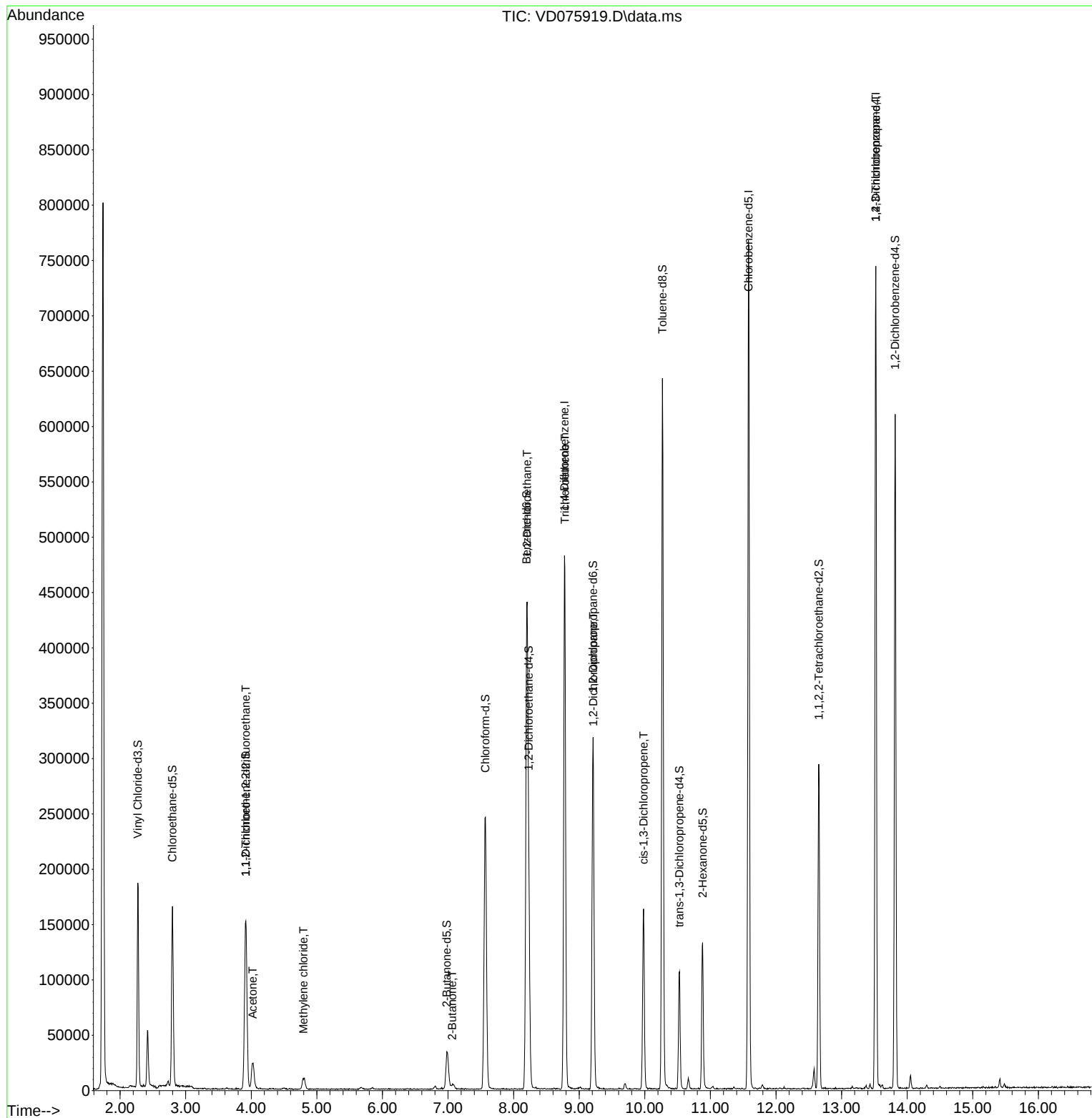
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	467492	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	493500	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	219547	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	179708	17.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.080%
7) Chloroethane-d5	2.799	69	175728	19.832	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.320%
11) 1,1-Dichloroethene-d2	3.917	65	43633	18.454	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.800%
21) 2-Butanone-d5	6.981	46	57401	64.473	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.940%
24) Chloroform-d	7.569	84	275809	23.593	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.360%
26) 1,2-Dichloroethane-d4	8.228	65	124946	25.028	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.120%
32) Benzene-d6	8.199	84	515640	17.927	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.720%
36) 1,2-Dichloropropane-d6	9.210	67	171069	21.487	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.960%
41) Toluene-d8	10.269	98	470562	17.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.880%
43) trans-1,3-Dichloroprop...	10.528	79	63238	19.217	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.880%
47) 2-Hexanone-d5	10.881	63	48882	50.993	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.980%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	157119	25.790	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	178888	23.036	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.160%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.917	101	1371	0.216	ug/L #	21
13) Acetone	4.023	43	40967	53.769	ug/L	98
16) Methylene chloride	4.793	84	4262	0.449	ug/L	88
22) 2-Butanone	7.064	43	718	0.723	ug/L #	48
27) 1,2-Dichloroethane	8.205	62	2589	0.443	ug/L #	68
34) Trichloroethene	8.781	95	12145	1.573	ug/L #	2
37) 1,2-Dichloropropane	9.216	63	17076	2.490	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	4097	0.376	ug/L	87
61) 1,2,3-Trichloropropane	13.522	75	23544	6.827	ug/L #	63

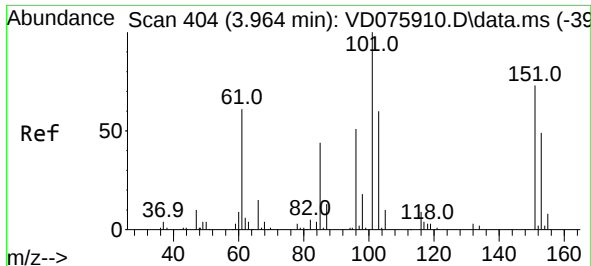
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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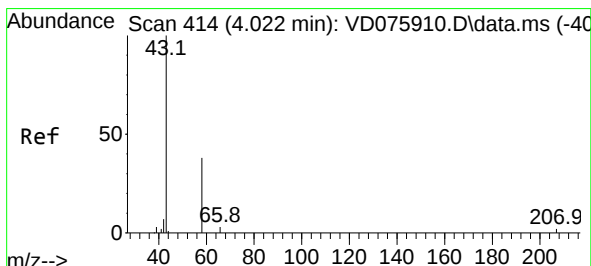
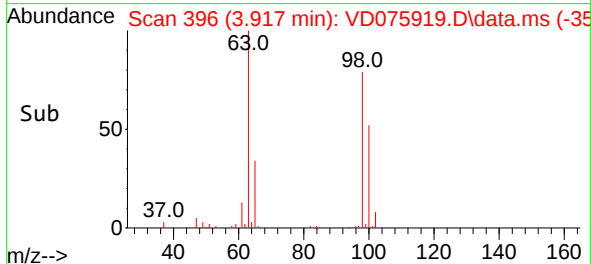
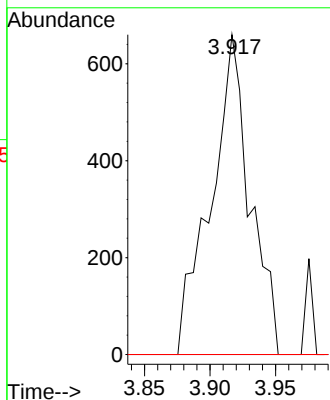
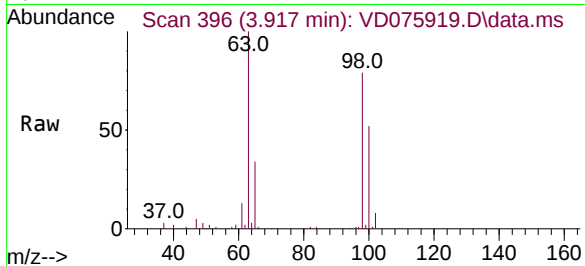




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.216 ug/L
RT: 3.917 min Scan# 396
Delta R.T. -0.047 min
Lab File: VD075919.D
Acq: 29 Apr 2023 16:21

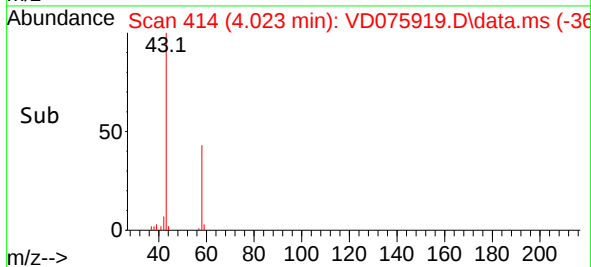
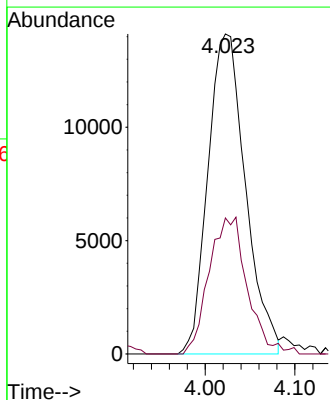
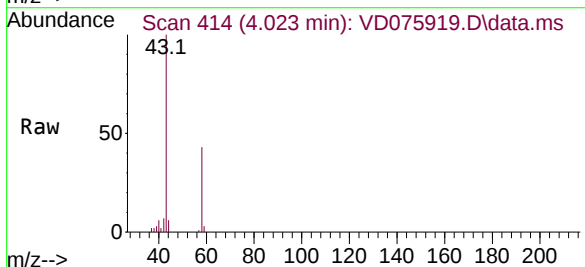
Instrument :
MSVOA_D
ClientSampleId :
DCCK6RE

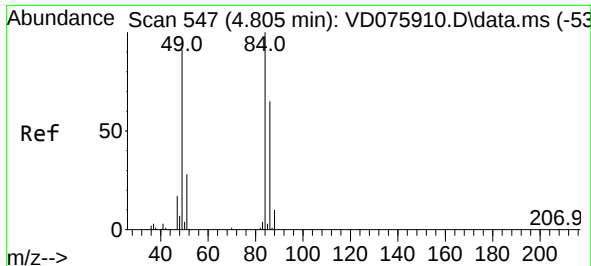
Tgt Ion:101 Resp: 1371
Ion Ratio Lower Upper
101 100
85 0.0 32.9 49.3#
151 0.0 57.2 85.8#



#13
Acetone
Concen: 53.769 ug/L
RT: 4.023 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075919.D
Acq: 29 Apr 2023 16:21

Tgt Ion: 43 Resp: 40967
Ion Ratio Lower Upper
43 100
58 42.6 0.0 87.4

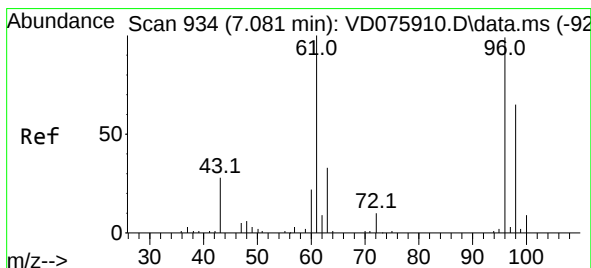
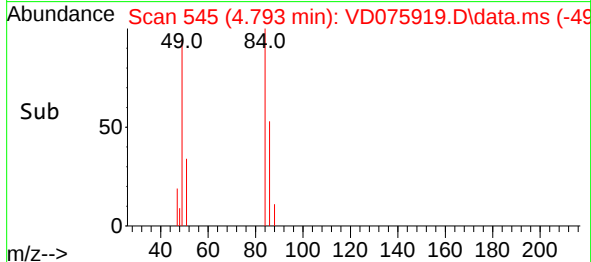
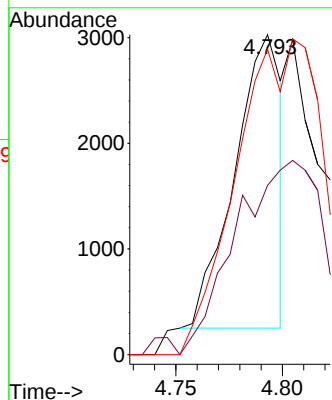
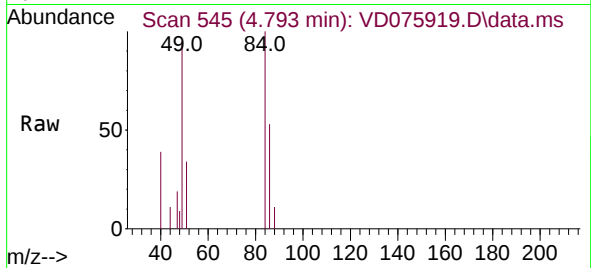




#16
Methylene chloride
Concen: 0.449 ug/L
RT: 4.793 min Scan# 547
Delta R.T. -0.012 min
Lab File: VD075919.D
Acq: 29 Apr 2023 16:21

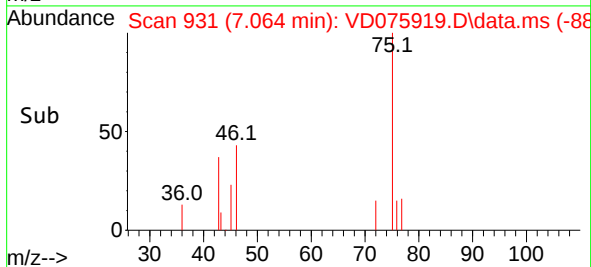
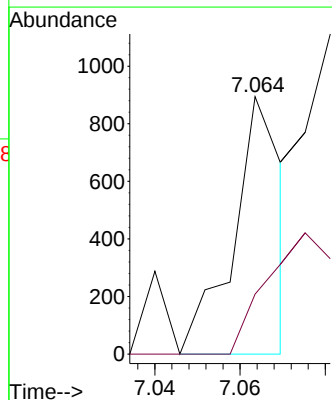
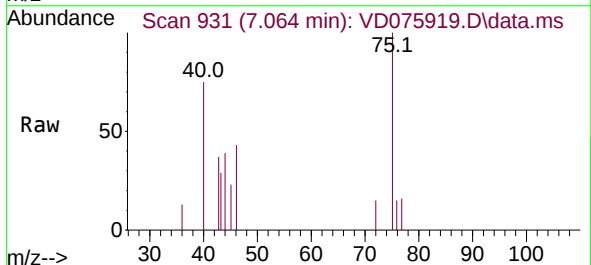
Instrument :
MSVOA_D
ClientSampleId :
DCCK6RE

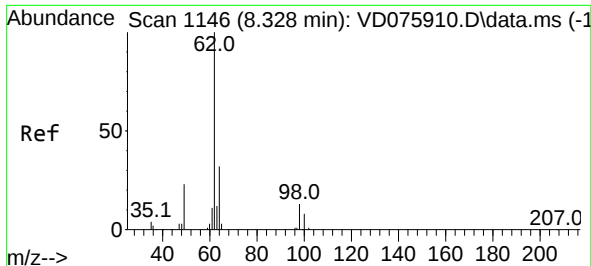
Tgt Ion: 84 Resp: 4262
Ion Ratio Lower Upper
84 100
86 52.9 45.8 85.2
49 95.5 60.8 112.8



#22
2-Butanone
Concen: 0.723 ug/L
RT: 7.064 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD075919.D
Acq: 29 Apr 2023 16:21

Tgt Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
72 73.5 20.5 61.5#





#27

1,2-Dichloroethane

Concen: 0.443 ug/L

RT: 8.205 min Scan# 1125

Delta R.T. -0.123 min

Lab File: VD075919.D

Acq: 29 Apr 2023 16:21

Instrument :

MSVOA_D

ClientSampleId :

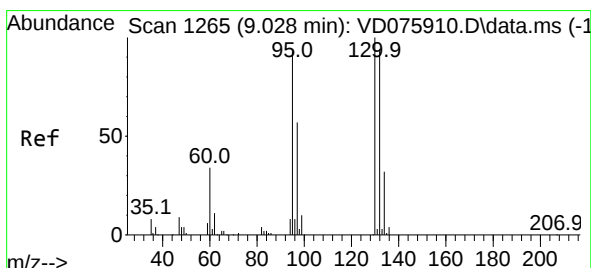
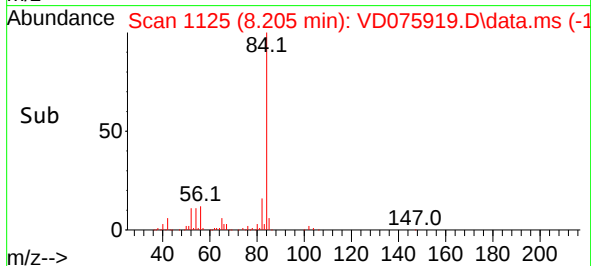
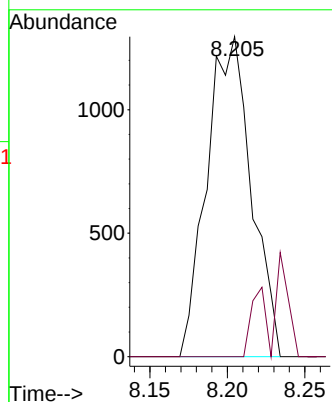
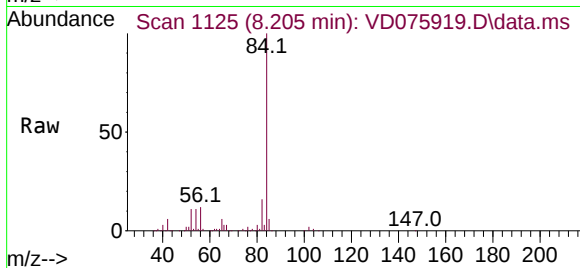
DCCK6RE

Tgt Ion: 62 Resp: 2589

Ion Ratio Lower Upper

62 100

98 0.0 10.2 15.2#



#34

Trichloroethene

Concen: 1.573 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD075919.D

Acq: 29 Apr 2023 16:21

Tgt Ion: 95 Resp: 12145

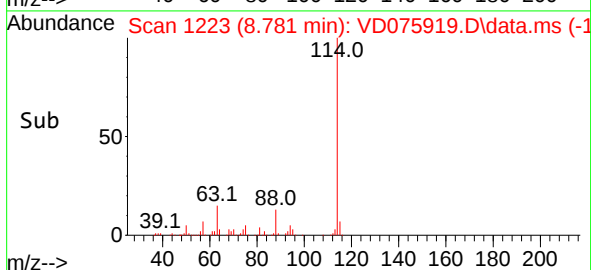
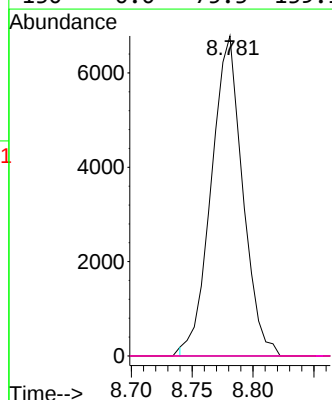
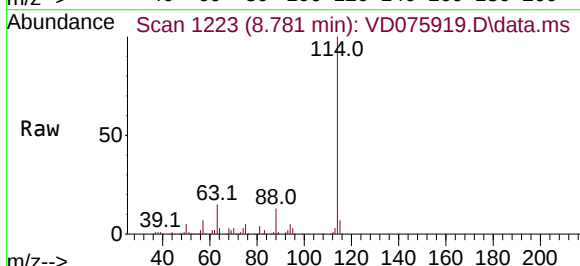
Ion Ratio Lower Upper

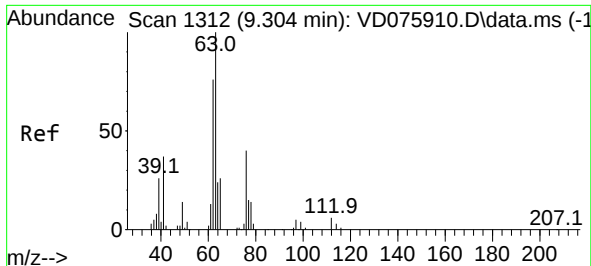
95 100

97 0.0 46.0 85.4#

132 0.0 73.3 136.1#

130 0.0 75.3 139.9#

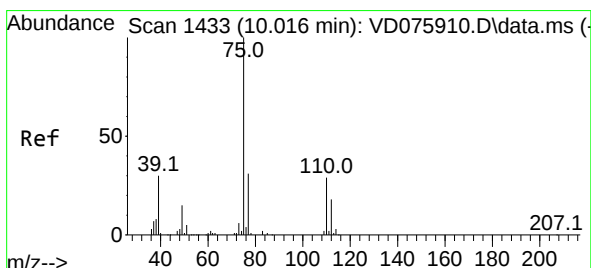
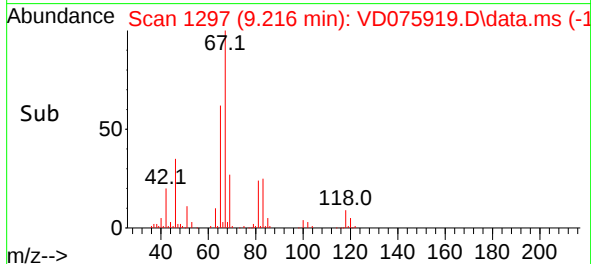
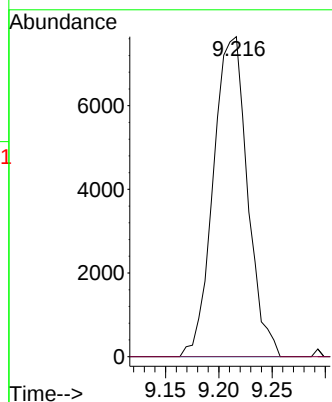
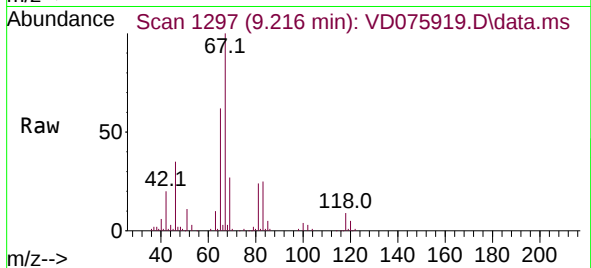




#37
1,2-Dichloropropane
Concen: 2.490 ug/L
RT: 9.216 min Scan# 11
Delta R.T. -0.088 min
Lab File: VD075919.D
Acq: 29 Apr 2023 16:21

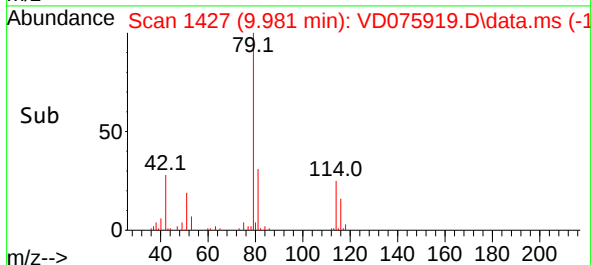
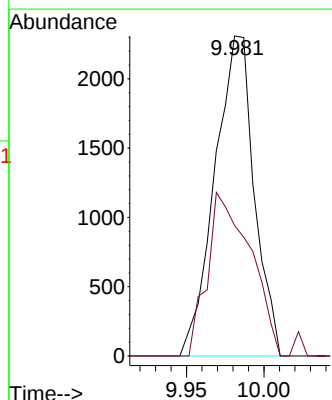
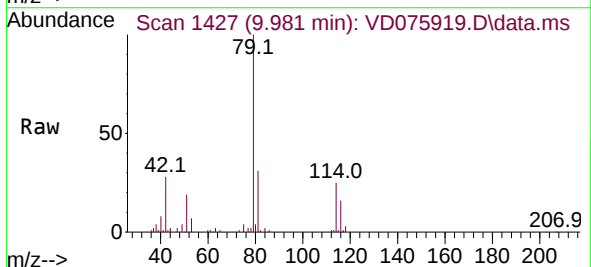
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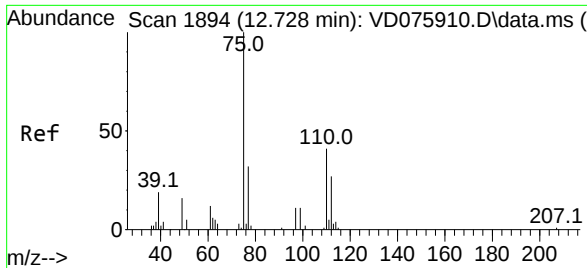
Tgt Ion: 63 Resp: 17076
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.376 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD075919.D
Acq: 29 Apr 2023 16:21

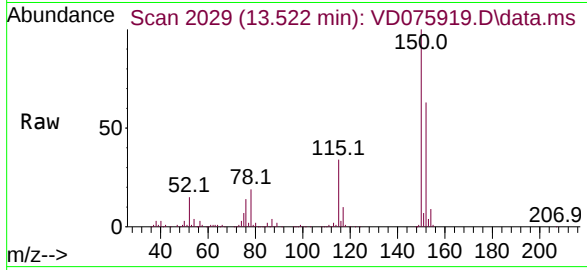
Tgt Ion: 75 Resp: 4097
Ion Ratio Lower Upper
75 100
77 40.8 23.4 43.6





#61
 1,2,3-Trichloropropane
 Concen: 6.827 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD075919.D
 Acq: 29 Apr 2023 16:21

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCK6RE



Tgt Ion: 75 Resp: 23544
 Ion Ratio Lower Upper
 75 100
 77 30.9 26.6 39.8
 110 2.4 33.5 50.3#

