

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050223\
 Data File : VD075960.D
 Acq On : 02 May 2023 13:07
 Operator : KP/SY
 Sample : 02564-14
 Misc : 5.15G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCH4

Quant Time: May 03 02:48:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 03 02:37:35 2023
 Response via : Initial Calibration

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

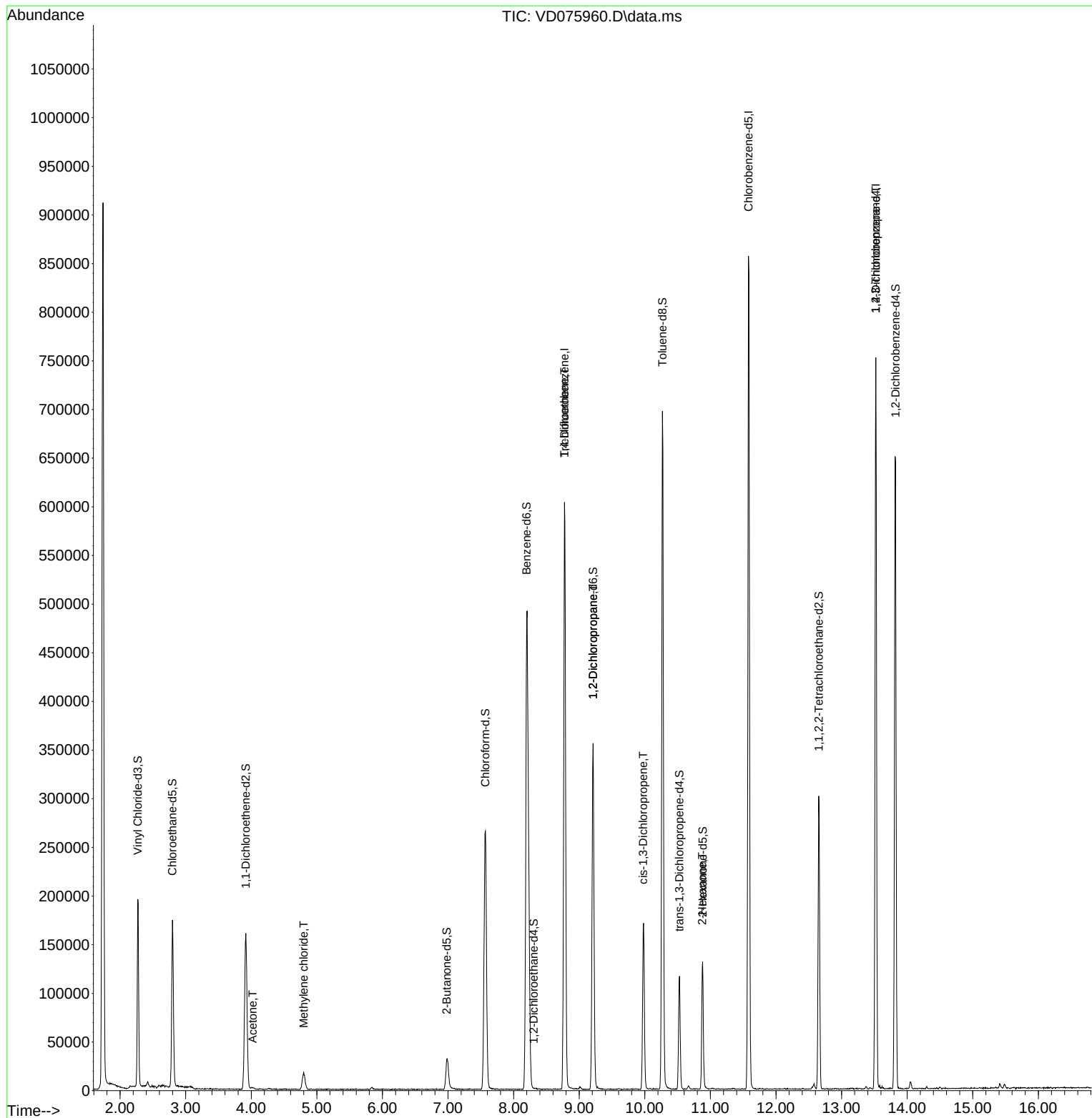
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	591895	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	549346	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	223319	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	184170	14.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.720%
7) Chloroethane-d5	2.799	69	183340	16.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.360%
11) 1,1-Dichloroethene-d2	3.917	65	45088	15.062	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.240%
21) 2-Butanone-d5	6.981	46	54807	48.621	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.240%
24) Chloroform-d	7.569	84	299753	20.252	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	8.305	65	291	0.046	ug/L	0.08
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.200%#
32) Benzene-d6	8.199	84	568072	17.742	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.960%
36) 1,2-Dichloropropane-d6	9.210	67	189350	21.366	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.480%
41) Toluene-d8	10.269	98	519747	17.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.360%
43) trans-1,3-Dichloroprop...	10.528	79	67832	18.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.080%
47) 2-Hexanone-d5	10.881	63	49585	46.468	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.940%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	156146	23.025	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.080%
66) 1,2-Dichlorobenzene-d4	13.822	152	195451	24.744	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.960%
Target Compounds	Qvalue					
13) Acetone	4.022	43	2571	2.665	ug/L	69
16) Methylene chloride	4.799	84	9149	0.762	ug/L	91
34) Trichloroethene	8.775	95	15160	1.764	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	18739	2.455	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	4185	0.345	ug/L #	33
48) 2-Hexanone	10.875	43	4618	2.354	ug/L #	61
61) 1,2,3-Trichloropropane	13.522	75	23708	6.758	ug/L #	64

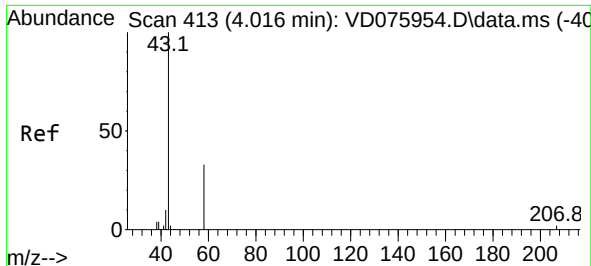
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed May 03 02:37:35 2023
Response via : Initial Calibration

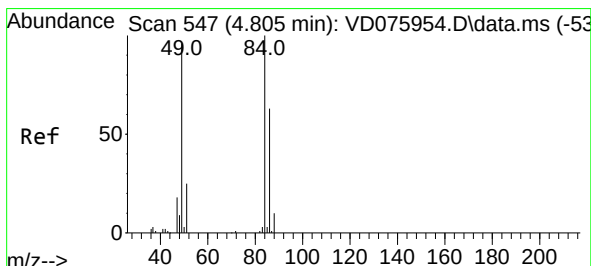
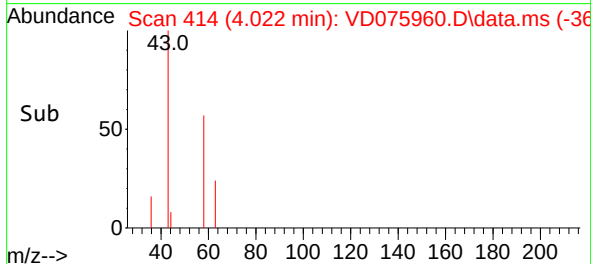
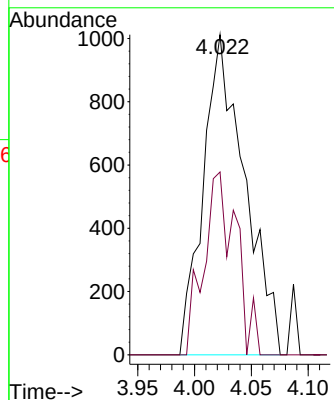
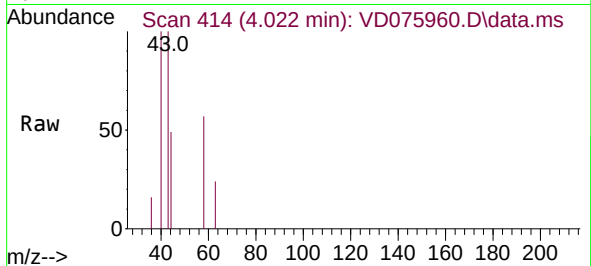




#13
Acetone
Concen: 2.665 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD075960.D
Acq: 02 May 2023 13:07

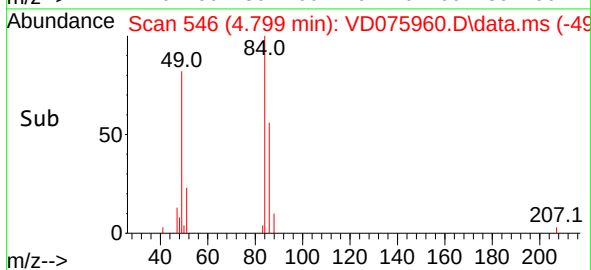
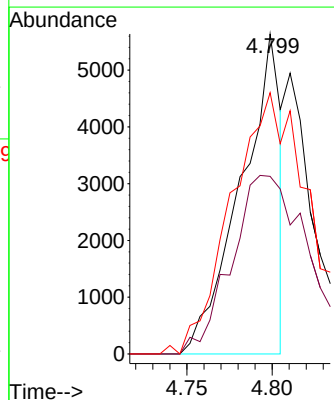
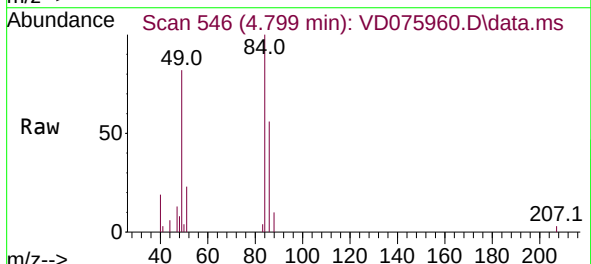
Instrument :
MSVOA_D
ClientSampleId :
DCCH4

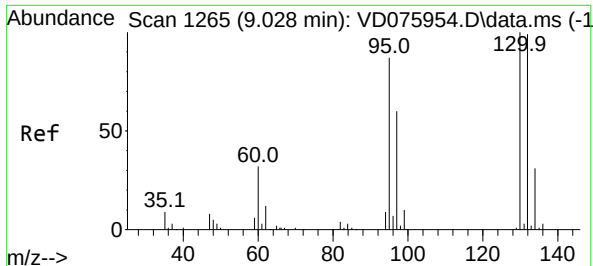
Tgt Ion: 43 Resp: 2571
Ion Ratio Lower Upper
43 100
58 23.9 0.0 87.4



#16
Methylene chloride
Concen: 0.762 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075960.D
Acq: 02 May 2023 13:07

Tgt Ion: 84 Resp: 9149
Ion Ratio Lower Upper
84 100
86 55.5 45.8 85.2
49 81.7 60.8 112.8



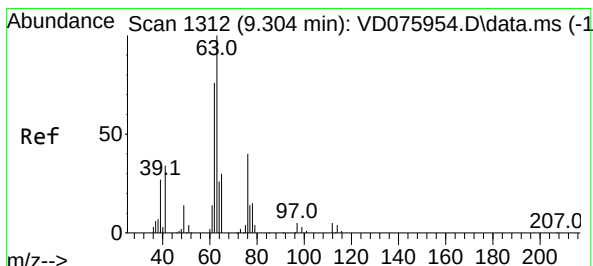
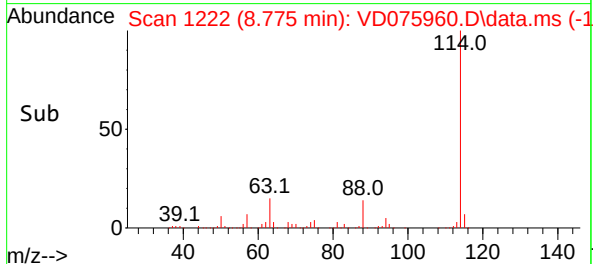
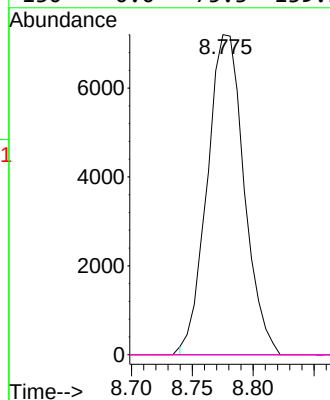
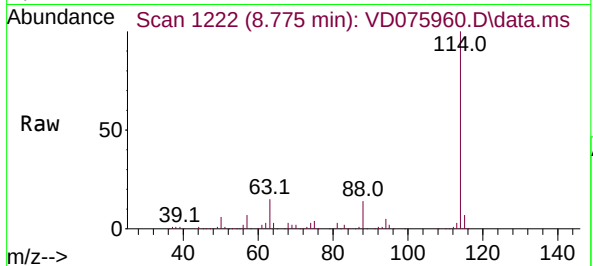


#34
 Trichloroethene
 Concen: 1.764 ug/L
 RT: 8.775 min Scan# 11
 Delta R.T. -0.253 min
 Lab File: VD075960.D
 Acq: 02 May 2023 13:07

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCH4

Tgt Ion: 95 Resp: 15160

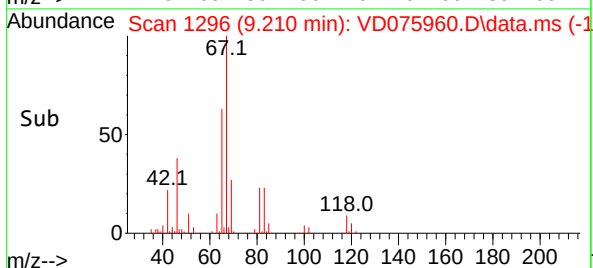
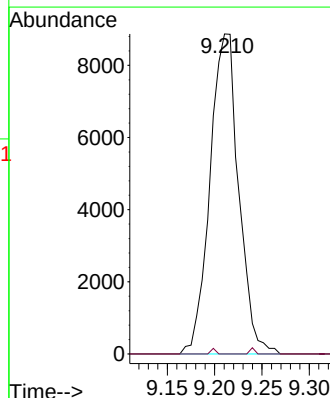
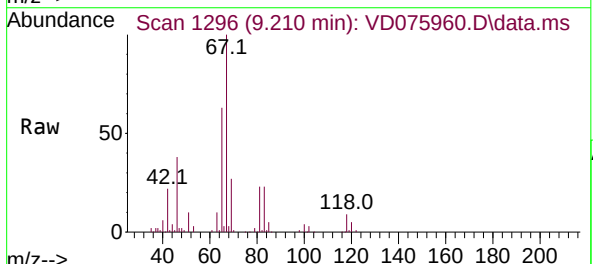
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#

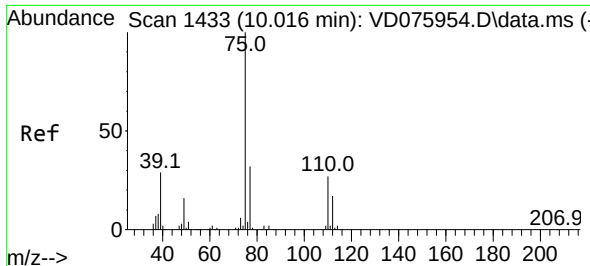


#37
 1,2-Dichloropropane
 Concen: 2.455 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.094 min
 Lab File: VD075960.D
 Acq: 02 May 2023 13:07

Tgt Ion: 63 Resp: 18739

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#

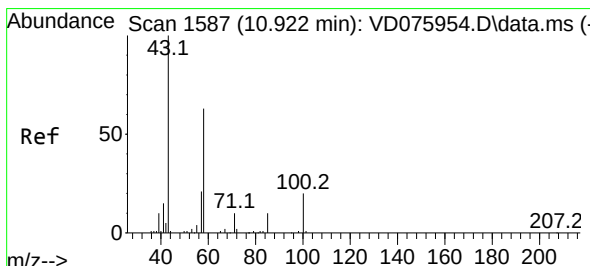
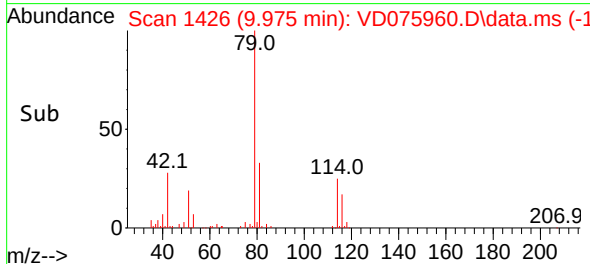
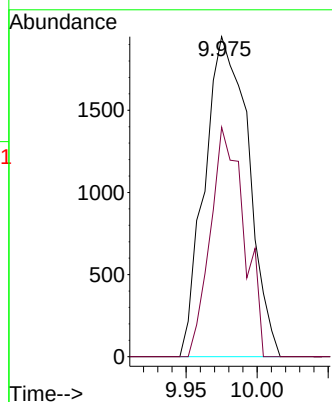
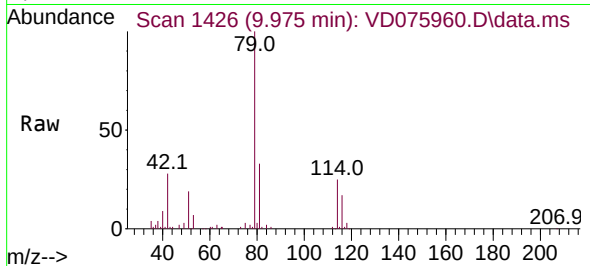




#39
 cis-1,3-Dichloropropene
 Concen: 0.345 ug/L
 RT: 9.975 min Scan# 1433
 Delta R.T. -0.041 min
 Lab File: VD075960.D
 Acq: 02 May 2023 13:07

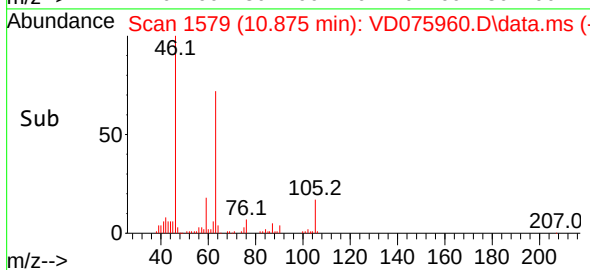
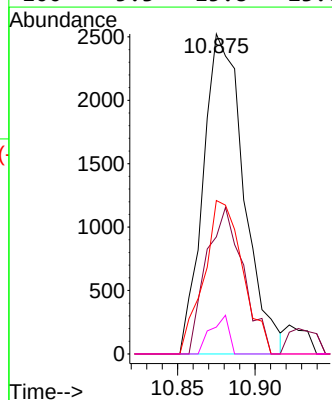
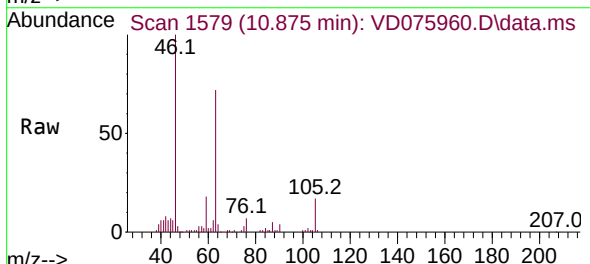
Instrument :
 MSVOA_D
 ClientSampleId :
 DCCH4

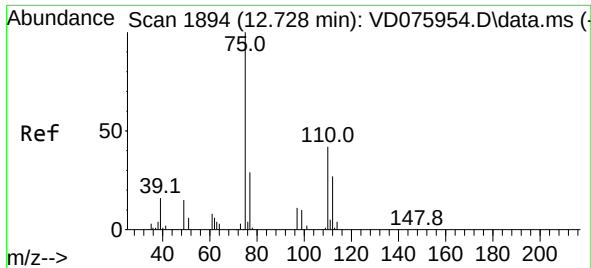
Tgt Ion: 75 Resp: 4185
 Ion Ratio Lower Upper
 75 100
 77 71.7 23.4 43.6#



#48
 2-Hexanone
 Concen: 2.354 ug/L
 RT: 10.875 min Scan# 1579
 Delta R.T. -0.047 min
 Lab File: VD075960.D
 Acq: 02 May 2023 13:07

Tgt Ion: 43 Resp: 4618
 Ion Ratio Lower Upper
 43 100
 58 41.5 59.7 89.5#
 57 45.4 17.9 26.9#
 100 5.3 15.8 23.6#





#61
 1,2,3-Trichloropropane
 Concen: 6.758 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD075960.D
 Acq: 02 May 2023 13:07

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCH4

Tgt Ion: 75 Resp: 23708

Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.6	39.8
110	2.2	33.5	50.3

