

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075904.D
 Acq On : 28 Apr 2023 23:22
 Operator : KP/SY
 Sample : 02548-34
 Misc : 5.91G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCR4

Quant Time: Apr 29 05:16:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 29 05:12:16 2023
 Response via : Initial Calibration

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

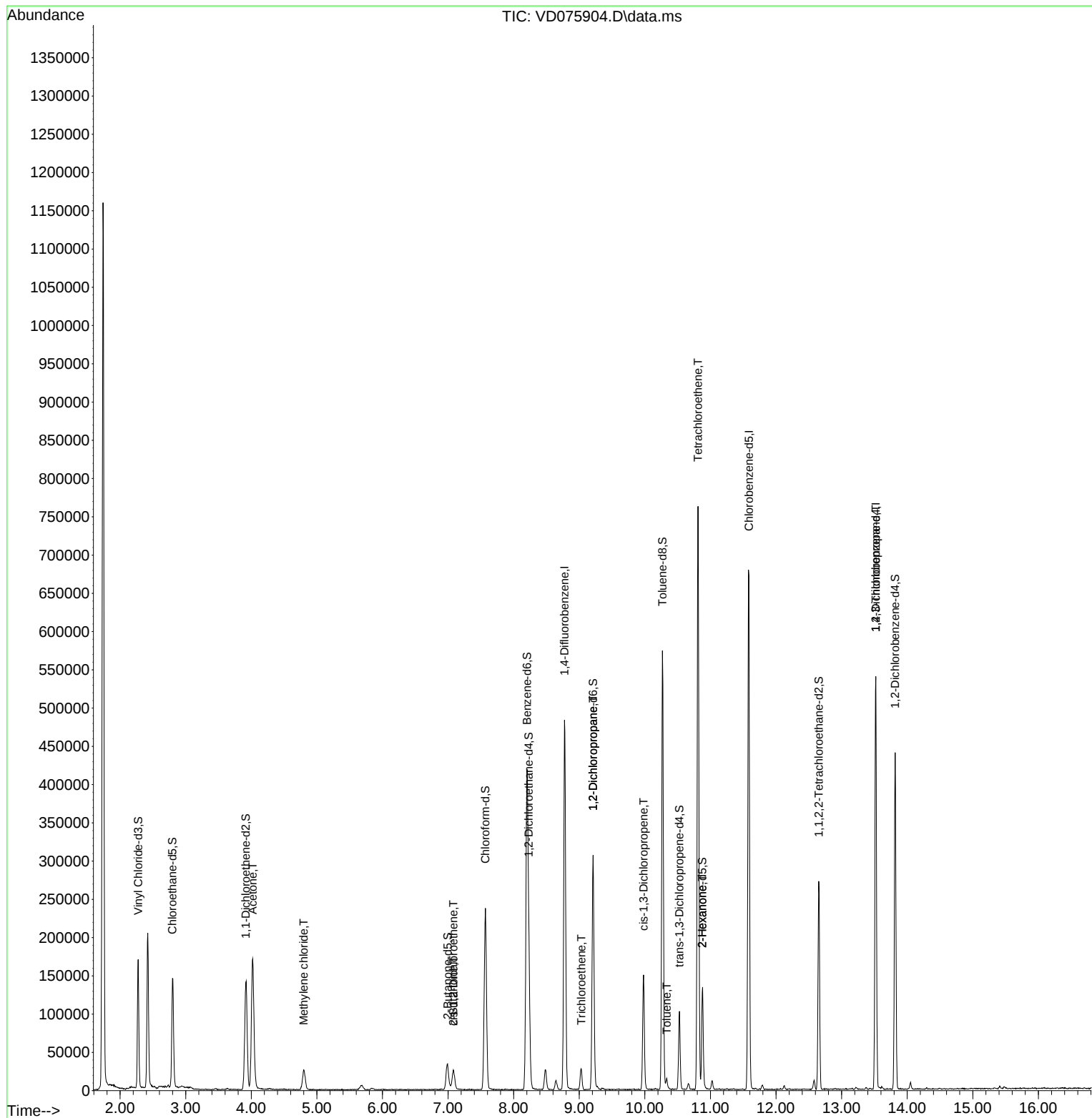
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	469193	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	444709	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	159318	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	158756	15.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.680%
7) Chloroethane-d5	2.799	69	162021	18.218	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.880%
11) 1,1-Dichloroethene-d2	3.916	65	39868	16.801	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.200%
21) 2-Butanone-d5	6.993	46	56212	62.909	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.820%
24) Chloroform-d	7.569	84	255174	21.749	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	8.228	65	119587	23.867	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.480%
32) Benzene-d6	8.204	84	486675	18.776	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.120%
36) 1,2-Dichloropropane-d6	9.210	67	158263	22.060	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.240%
41) Toluene-d8	10.269	98	425031	17.516	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.080%
43) trans-1,3-Dichloroprop...	10.528	79	58947	19.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.520%
47) 2-Hexanone-d5	10.875	63	48849	56.549	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.100%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	144966	26.406	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	127816	22.681	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.720%
Target Compounds	Qvalue					
13) Acetone	4.022	43	278945	364.789	ug/L	98
16) Methylene chloride	4.799	84	21888	2.300	ug/L	93
20) cis-1,2-Dichloroethene	7.081	96	2940	0.402	ug/L	95
22) 2-Butanone	7.081	43	30648	30.744	ug/L	93
34) Trichloroethene	9.034	95	9674	1.391	ug/L	81
37) 1,2-Dichloropropane	9.210	63	15900	2.573	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	4183	0.426	ug/L	86
42) Toluene	10.334	91	9295	0.319	ug/L	94
46) Tetrachloroethene	10.810	164	188124	32.971	ug/L	95
48) 2-Hexanone	10.875	43	5205	3.277	ug/L #	54
61) 1,2,3-Trichloropropane	13.522	75	17968	7.179	ug/L #	64

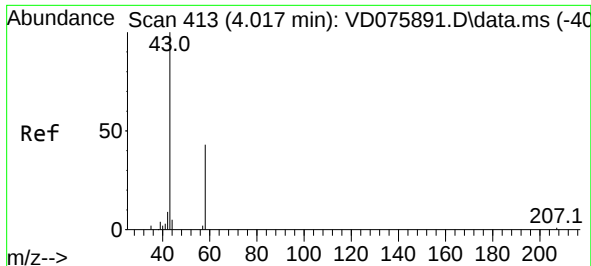
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Apr 29 05:12:16 2023
Response via : Initial Calibration

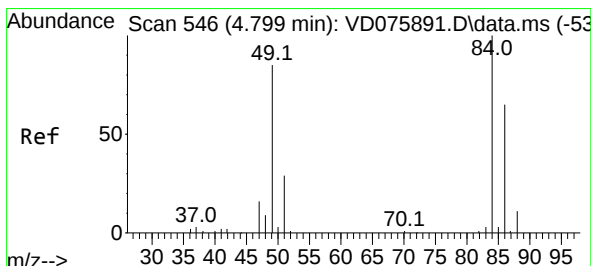
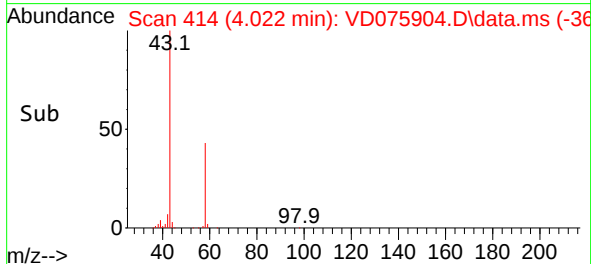
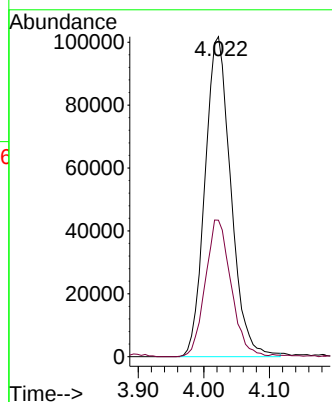
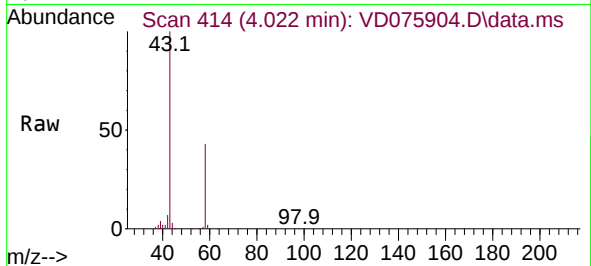




#13
Acetone
Concen: 364.789 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD075904.D
Acq: 28 Apr 2023 23:22

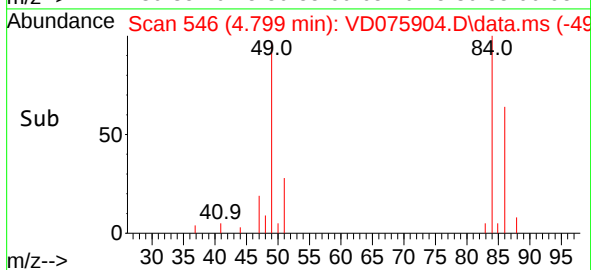
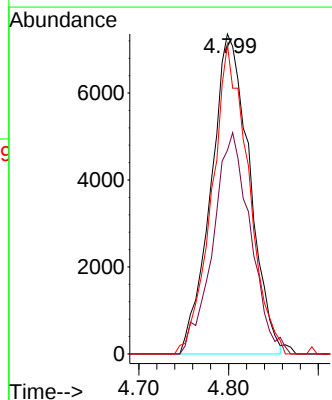
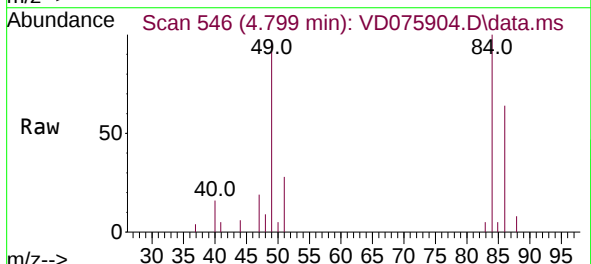
Instrument :
MSVOA_D
ClientSampleId :
DCCR4

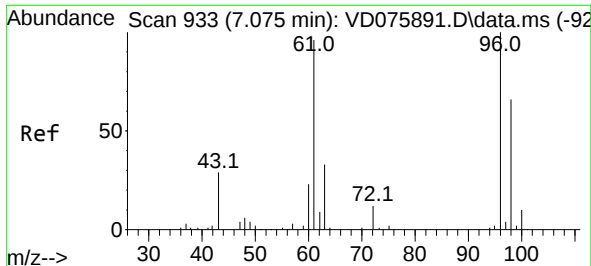
Tgt Ion: 43 Resp: 278945
Ion Ratio Lower Upper
43 100
58 42.5 0.0 87.4



#16
Methylene chloride
Concen: 2.300 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075904.D
Acq: 28 Apr 2023 23:22

Tgt Ion: 84 Resp: 21888
Ion Ratio Lower Upper
84 100
86 63.6 45.8 85.2
49 96.7 60.8 112.8

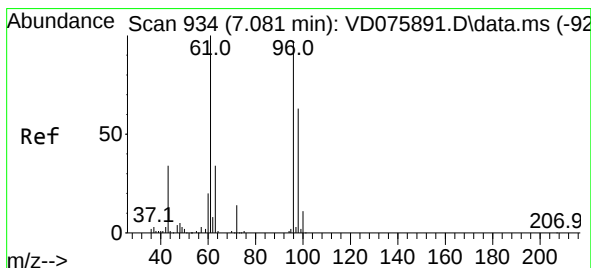
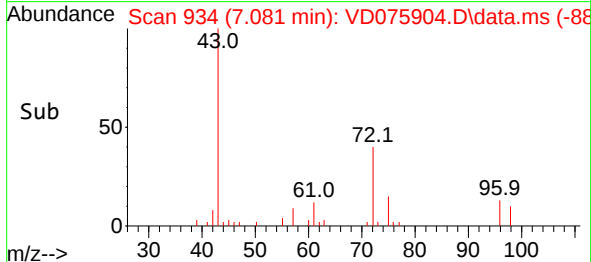
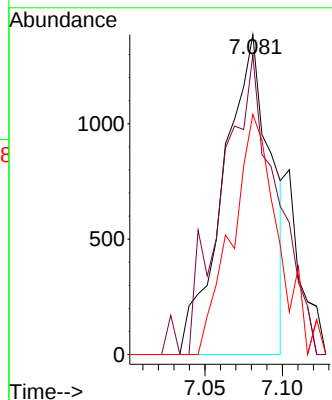
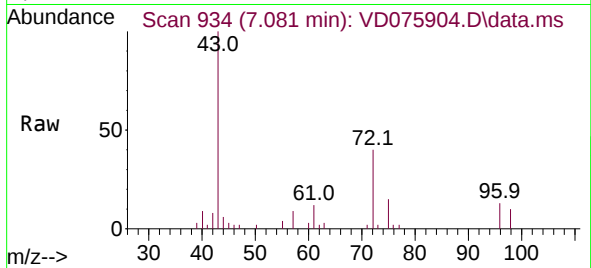




#20
 cis-1,2-Dichloroethene
 Concen: 0.402 ug/L
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD075904.D
 Acq: 28 Apr 2023 23:22

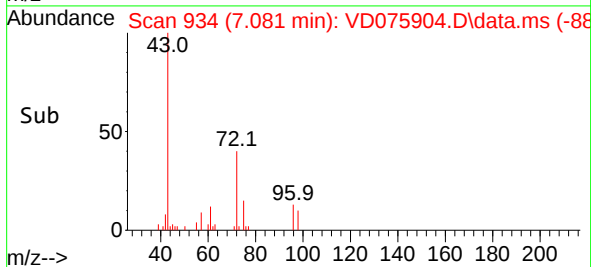
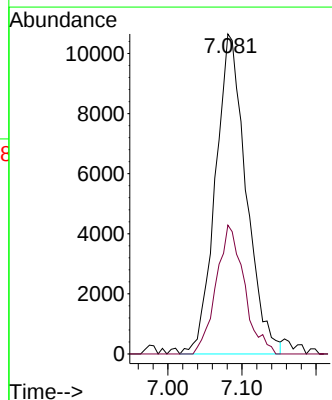
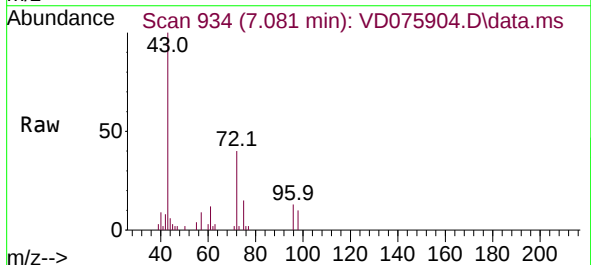
Instrument :
 MSVOA_D
 ClientSampleId :
 DCCR4

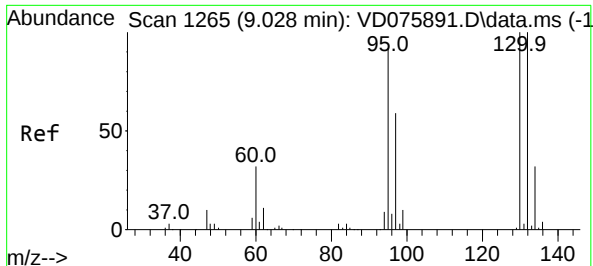
Tgt Ion: 96 Resp: 2940
 Ion Ratio Lower Upper
 96 100
 61 93.7 67.5 125.3
 98 75.0 47.5 88.1



#22
 2-Butanone
 Concen: 30.744 ug/L
 RT: 7.081 min Scan# 934
 Delta R.T. -0.000 min
 Lab File: VD075904.D
 Acq: 28 Apr 2023 23:22

Tgt Ion: 43 Resp: 30648
 Ion Ratio Lower Upper
 43 100
 72 36.7 20.5 61.5



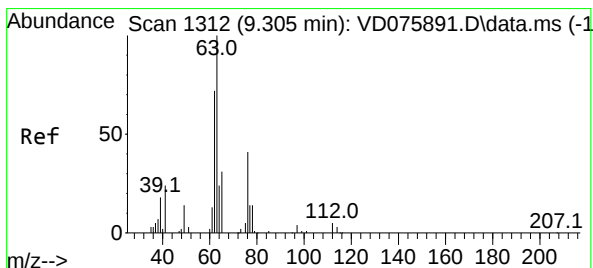
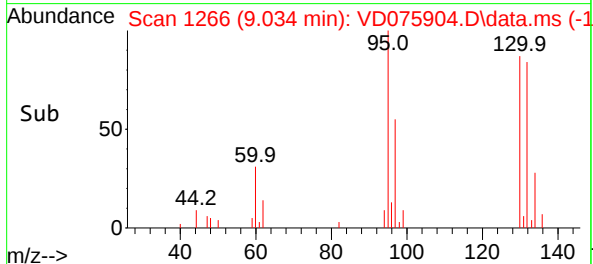
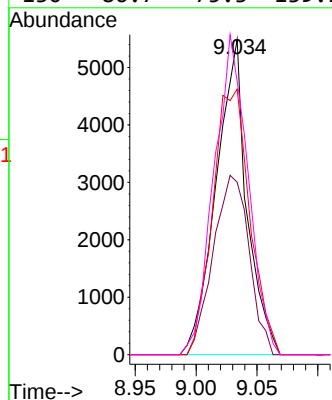
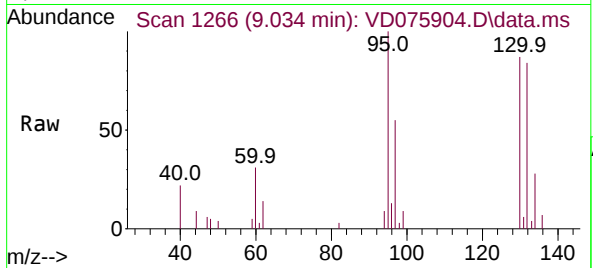


#34
Trichloroethene
Concen: 1.391 ug/L
RT: 9.034 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075904.D
Acq: 28 Apr 2023 23:22

Instrument :
MSVOA_D
ClientSampleId :
DCCR4

Tgt Ion: 95 Resp: 9674

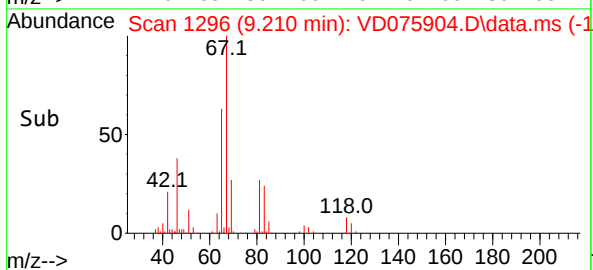
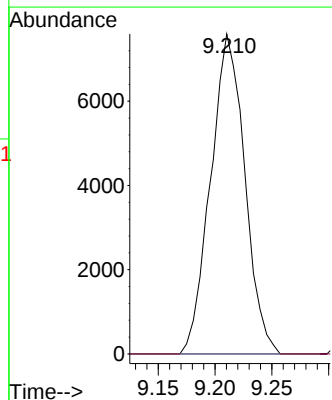
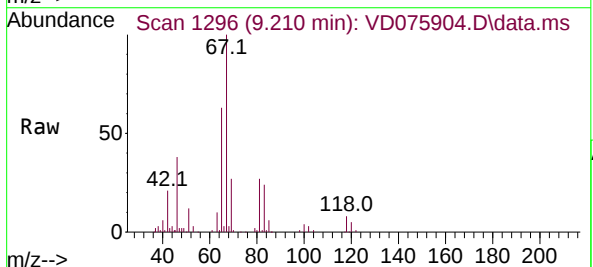
Ion	Ratio	Lower	Upper
95	100		
97	54.7	46.0	85.4
132	84.3	73.3	136.1
130	86.7	75.3	139.9

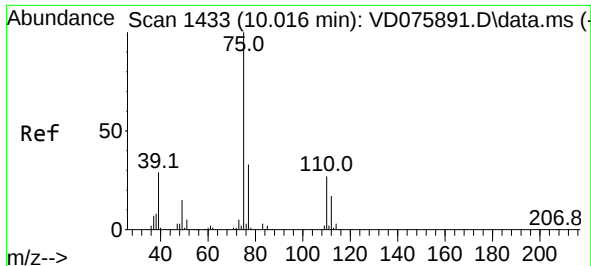


#37
1,2-Dichloropropane
Concen: 2.573 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD075904.D
Acq: 28 Apr 2023 23:22

Tgt Ion: 63 Resp: 15900

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.426 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.036 min

Lab File: VD075904.D

Acq: 28 Apr 2023 23:22

Instrument :

MSVOA_D

ClientSampleId :

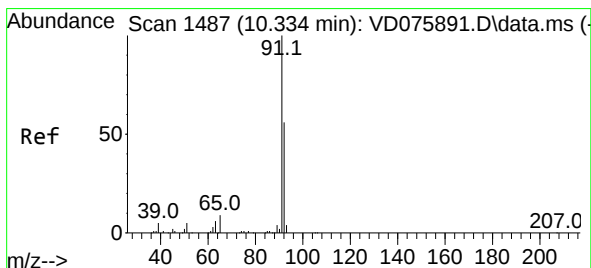
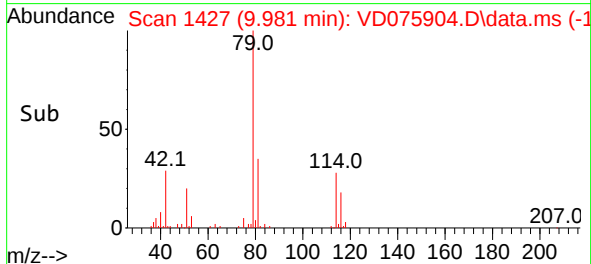
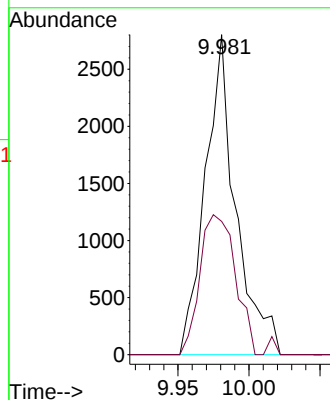
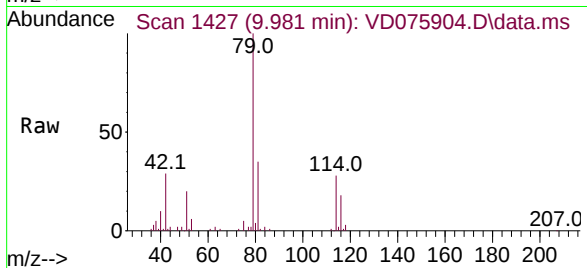
DCCR4

Tgt Ion: 75 Resp: 4183

Ion Ratio Lower Upper

75 100

77 41.7 23.4 43.6



#42

Toluene

Concen: 0.319 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075904.D

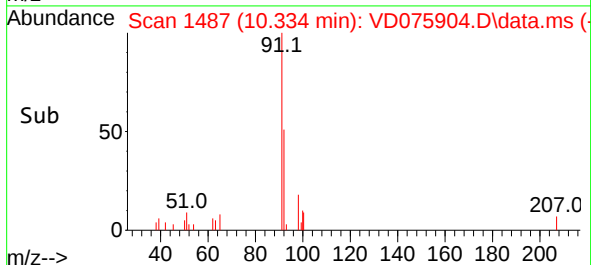
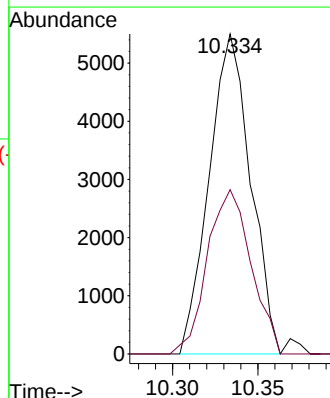
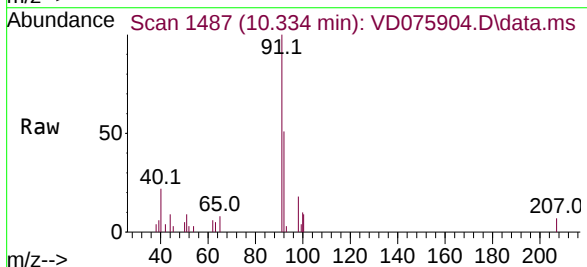
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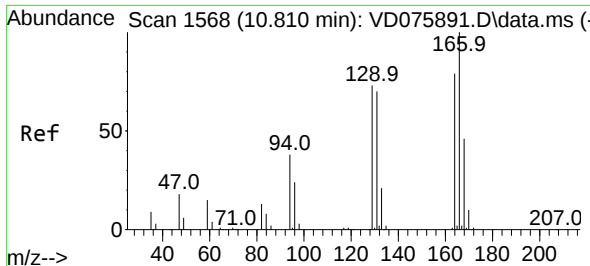
Tgt Ion: 91 Resp: 9295

Ion Ratio Lower Upper

91 100

92 51.4 39.3 72.9



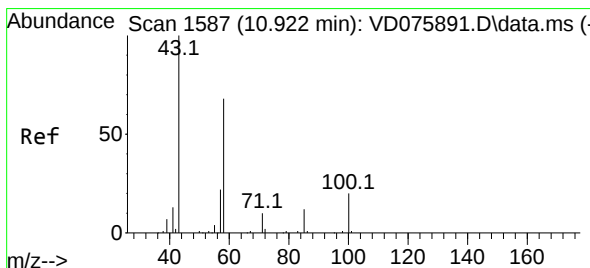
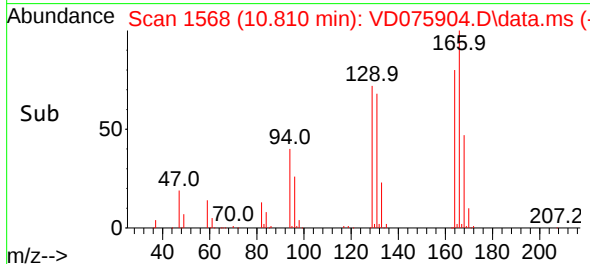
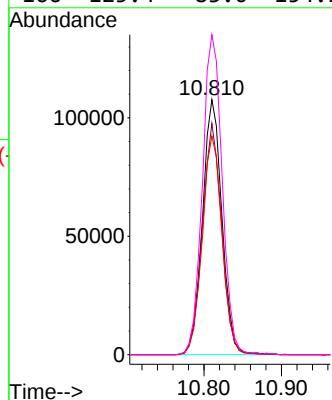
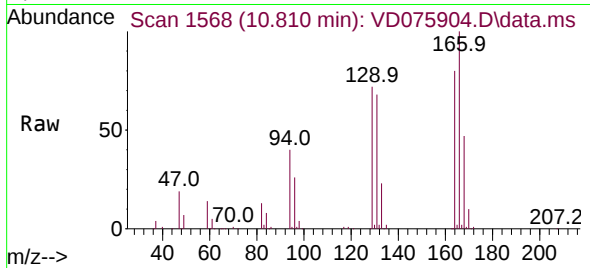


#46
Tetrachloroethene
Concen: 32.971 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075904.D
Acq: 28 Apr 2023 23:22

Instrument :
MSVOA_D
ClientSampleId :
DCCR4

Tgt Ion:164 Resp: 188124

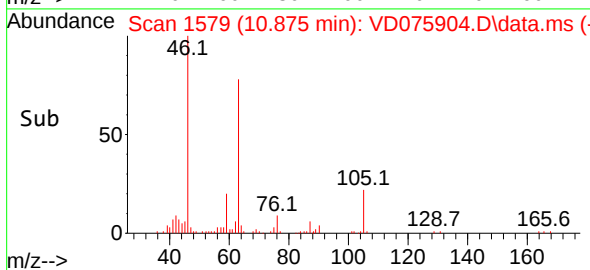
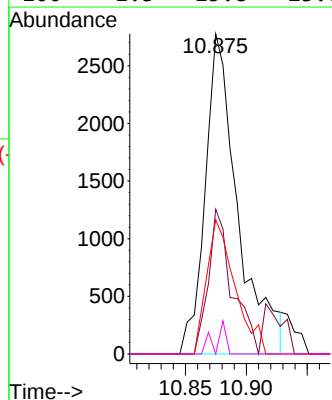
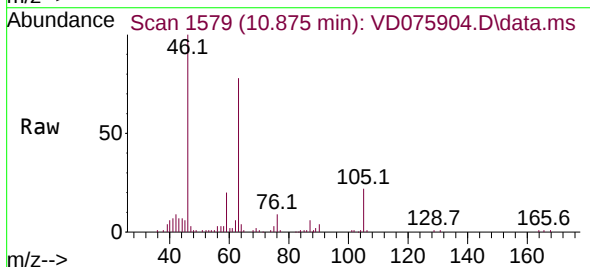
Ion	Ratio	Lower	Upper
164	100		
129	90.6	60.3	112.1
131	85.8	58.9	109.3
166	125.4	83.0	154.1

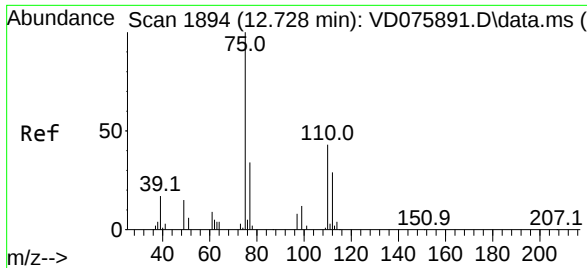


#48
2-Hexanone
Concen: 3.277 ug/L
RT: 10.875 min Scan# 1579
Delta R.T. -0.047 min
Lab File: VD075904.D
Acq: 28 Apr 2023 23:22

Tgt Ion: 43 Resp: 5205

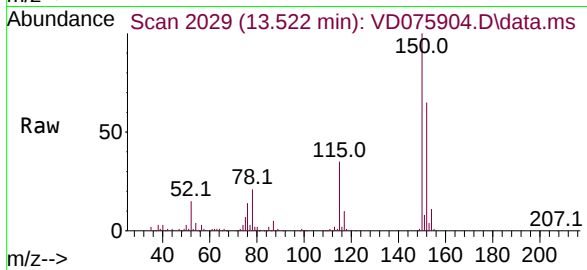
Ion	Ratio	Lower	Upper
43	100		
58	28.6	59.7	89.5#
57	34.5	17.9	26.9#
100	1.3	15.8	23.6#





#61
 1,2,3-Trichloropropane
 Concen: 7.179 ug/L
 RT: 13.522 min Scan# 20
 Delta R.T. 0.794 min
 Lab File: VD075904.D
 Acq: 28 Apr 2023 23:22

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCR4



Tgt Ion: 75 Resp: 17968
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.6 39.8
 110 1.1 33.5 50.3#

