

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075985.D
 Acq On : 03 May 2023 16:57
 Operator : KP/SY
 Sample : 02593-07
 Misc : 5.44G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 04 03:09:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 02:54:49 2023
 Response via : Initial Calibration

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

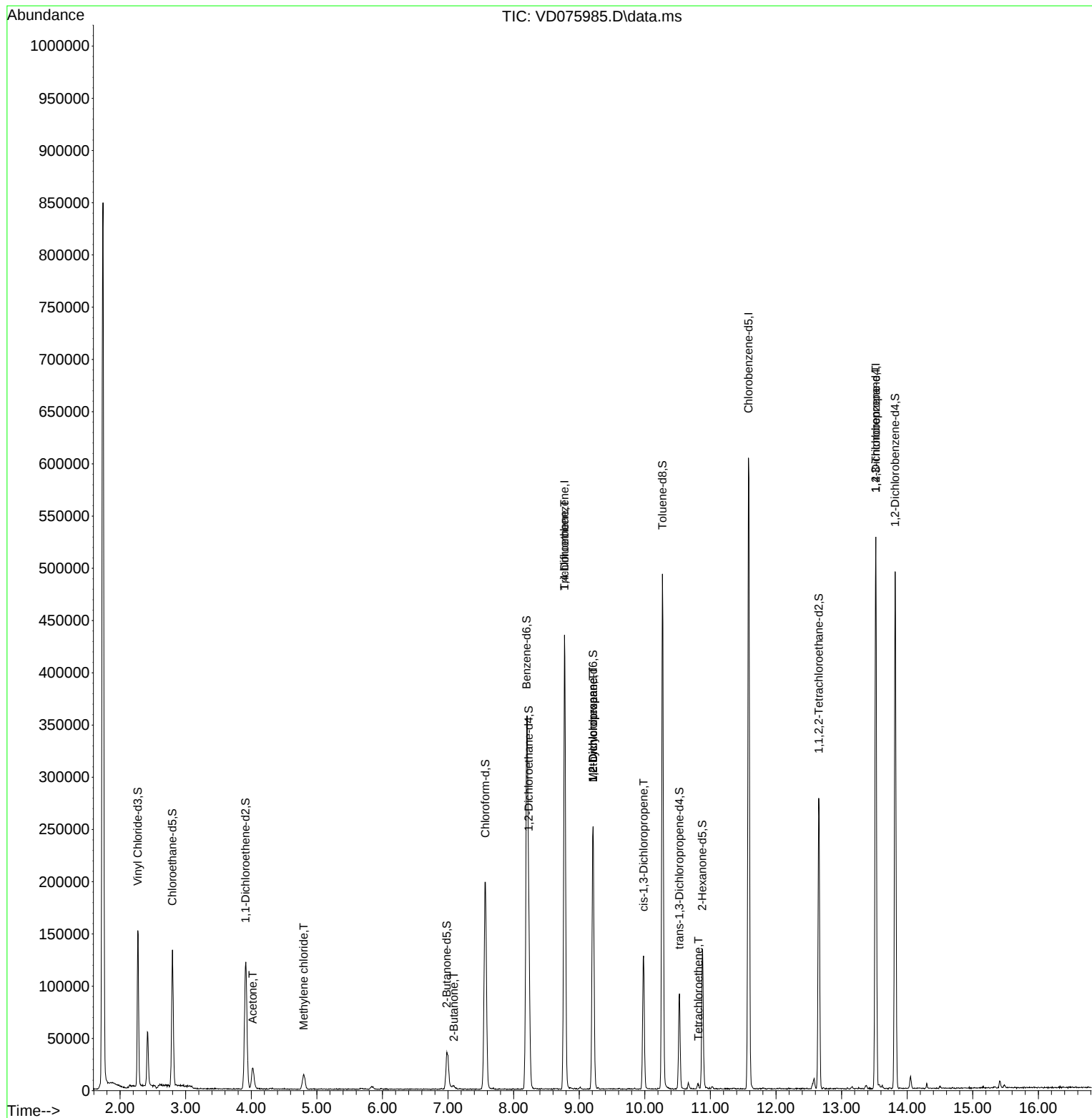
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	413729	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	390689	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	157611	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	142882	15.743	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	62.960%	
7) Chloroethane-d5	2.799	69	136920	17.460	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	69.840%	
11) 1,1-Dichloroethene-d2	3.911	65	35389	16.912	ug/L	-0.01
Spiked Amount	25.000	Range 45 - 110	Recovery	=	67.640%	
21) 2-Butanone-d5	6.981	46	61376	77.896	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	155.800%#	
24) Chloroform-d	7.569	84	220000	21.264	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	85.040%	
26) 1,2-Dichloroethane-d4	8.228	65	106567	24.120	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	96.480%	
32) Benzene-d6	8.199	84	405773	17.820	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	71.280%	
36) 1,2-Dichloropropane-d6	9.210	67	134987	21.417	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	85.680%	
41) Toluene-d8	10.269	98	355308	16.667	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	66.680%	
43) trans-1,3-Dichloroprop...	10.528	79	53822	20.659	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	82.640%	
47) 2-Hexanone-d5	10.875	63	49832	65.663	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	131.320%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	149004	30.894	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	123.560%#	
66) 1,2-Dichlorobenzene-d4	13.816	152	145445	26.089	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	104.360%	
Target Compounds					Qvalue	
13) Acetone	4.022	43	34738	51.519	ug/L	96
16) Methylene chloride	4.799	84	12114	1.443	ug/L	89
22) 2-Butanone	7.087	43	3893	4.429	ug/L	76
34) Trichloroethene	8.775	95	9921	1.623	ug/L #	2
35) Methylcyclohexane	9.210	83	33265	3.530	ug/L #	24
37) 1,2-Dichloropropane	9.210	63	13801	2.542	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3113	0.361	ug/L #	51
46) Tetrachloroethene	10.816	164	1391	0.277	ug/L #	51
61) 1,2,3-Trichloropropane	13.522	75	17184	6.940	ug/L #	64

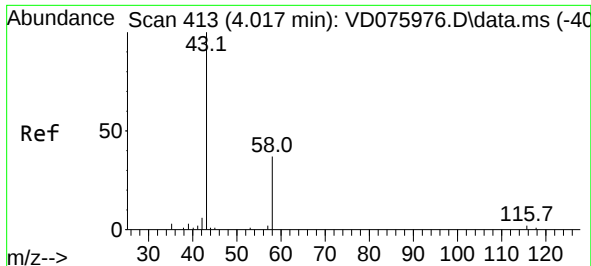
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu May 04 02:54:49 2023
Response via : Initial Calibration





#13

Acetone

Concen: 51.519 ug/L

RT: 4.022 min Scan# 413

Delta R.T. 0.006 min

Lab File: VD075985.D

Acq: 03 May 2023 16:57

Instrument :

MSVOA_D

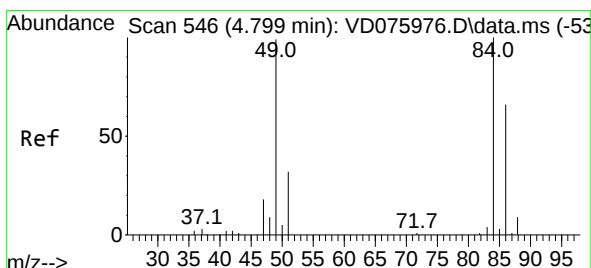
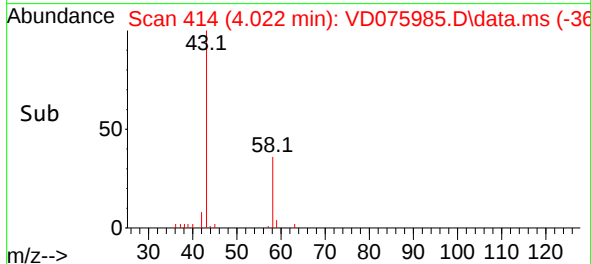
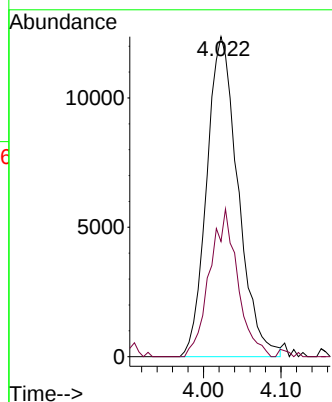
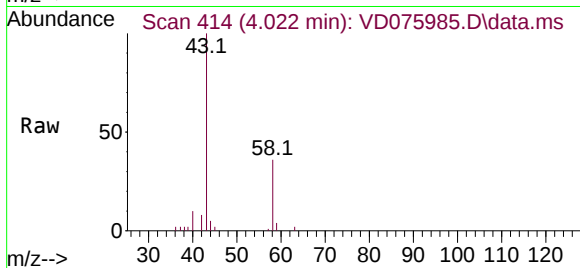
ClientSampleId :

Tgt Ion: 43 Resp: 34738

Ion Ratio Lower Upper

43 100

58 41.2 0.0 87.4



#16

Methylene chloride

Concen: 1.443 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD075985.D

Acq: 03 May 2023 16:57

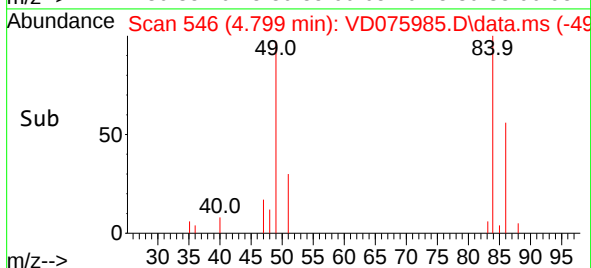
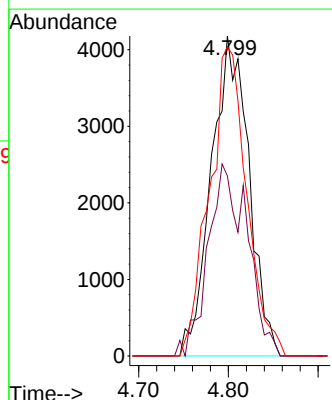
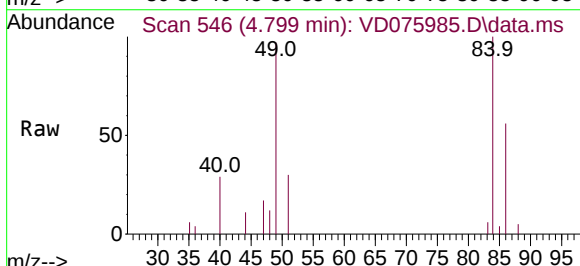
Tgt Ion: 84 Resp: 12114

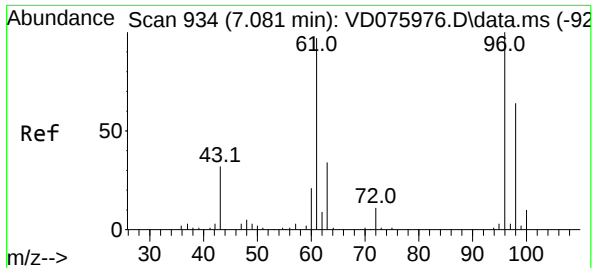
Ion Ratio Lower Upper

84 100

86 56.3 45.8 85.2

49 96.6 60.8 112.8

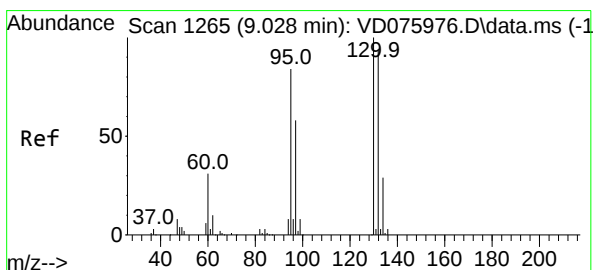
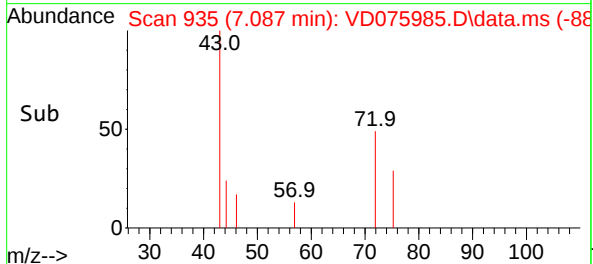
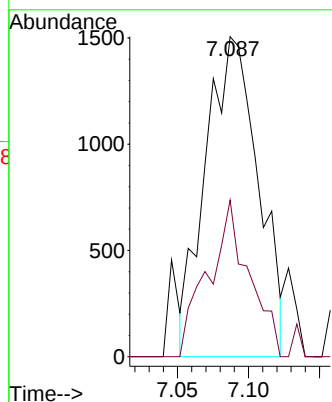
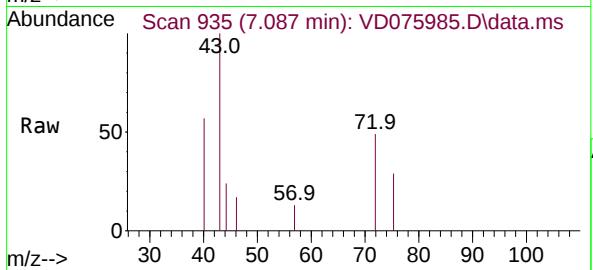




#22
2-Butanone
Concen: 4.429 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075985.D
Acq: 03 May 2023 16:57

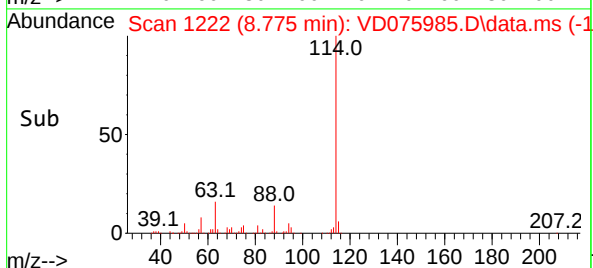
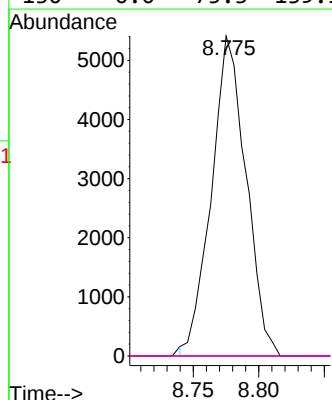
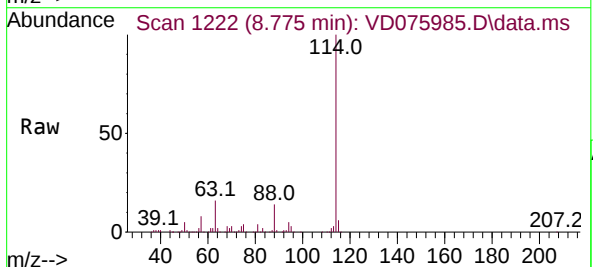
Instrument :
MSVOA_D
ClientSampleId :

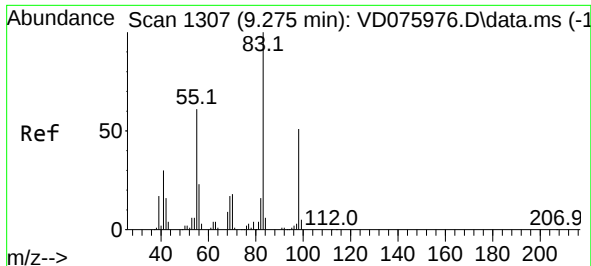
Tgt Ion: 43 Resp: 3893
Ion Ratio Lower Upper
43 100
72 26.1 20.5 61.5



#34
Trichloroethene
Concen: 1.623 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD075985.D
Acq: 03 May 2023 16:57

Tgt Ion: 95 Resp: 9921
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#





#35

Methylcyclohexane

Concen: 3.530 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

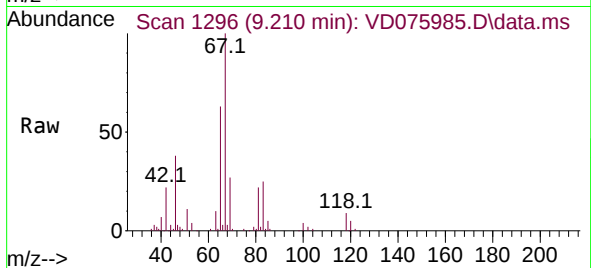
Lab File: VD075985.D

Acq: 03 May 2023 16:57

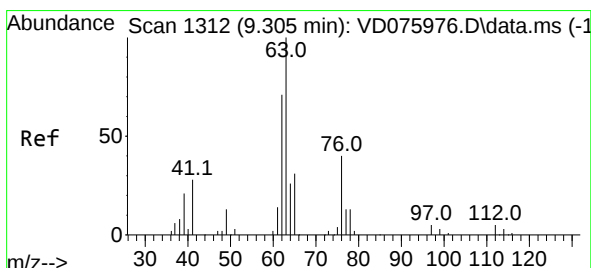
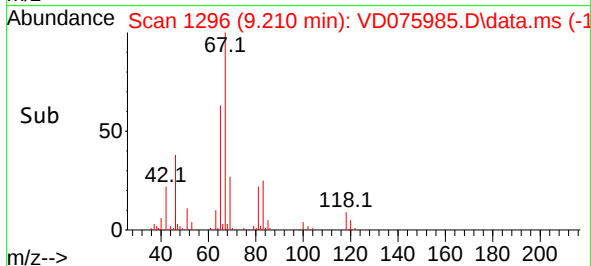
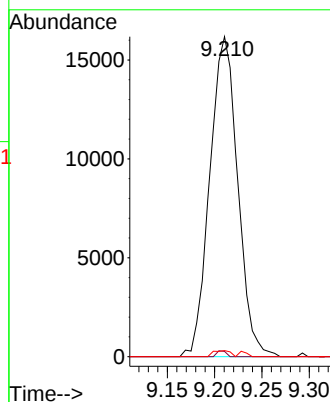
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	33265
Ion Ratio	Lower	Upper	
83	100		
55	0.6	48.2	72.2#
98	0.6	40.8	61.2#



#37

1,2-Dichloropropane

Concen: 2.542 ug/L

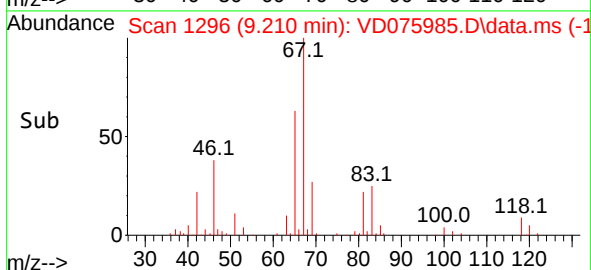
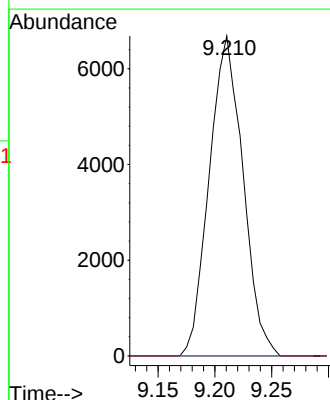
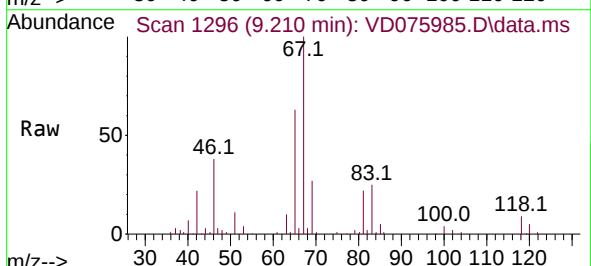
RT: 9.210 min Scan# 1296

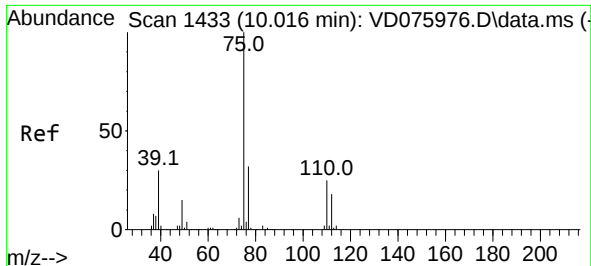
Delta R.T. -0.094 min

Lab File: VD075985.D

Acq: 03 May 2023 16:57

Tgt Ion:	63	Resp:	13801
Ion Ratio	Lower	Upper	
63	100		
112	0.0	4.0	6.0#

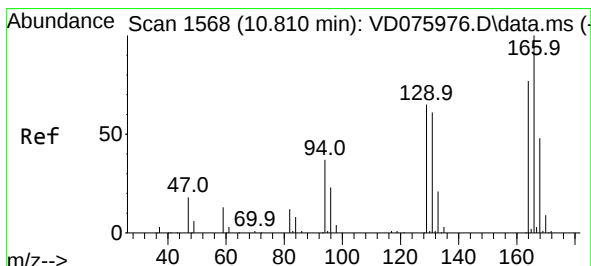
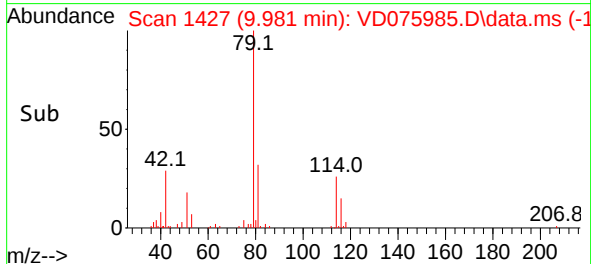
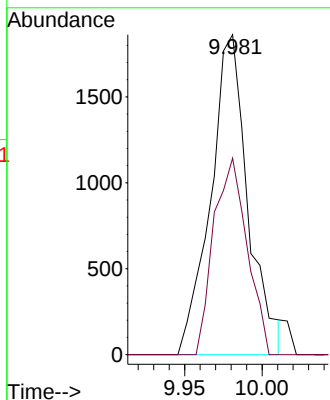
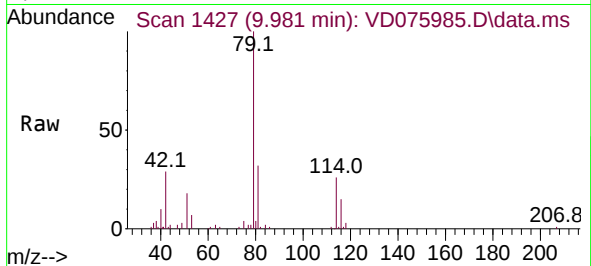




#39
cis-1,3-Dichloropropene
Concen: 0.361 ug/L
RT: 9.981 min Scan# 1433
Delta R.T. -0.035 min
Lab File: VD075985.D
Acq: 03 May 2023 16:57

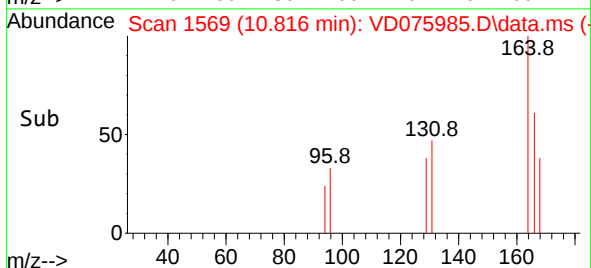
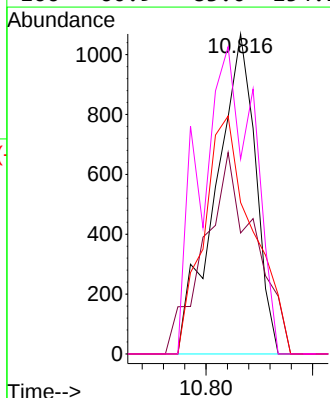
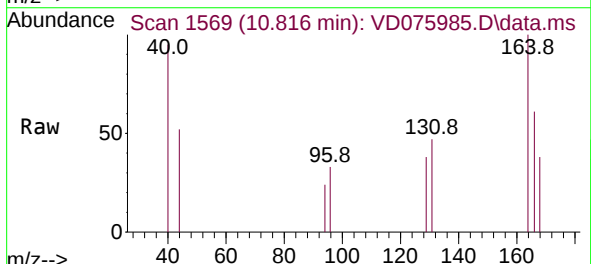
Instrument :
MSVOA_D
ClientSampleId :

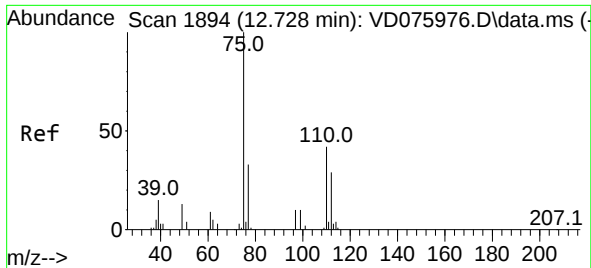
Tgt Ion: 75 Resp: 3113
Ion Ratio Lower Upper
75 100
77 61.4 23.4 43.6#



#46
Tetrachloroethene
Concen: 0.277 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075985.D
Acq: 03 May 2023 16:57

Tgt Ion: 164 Resp: 1391
Ion Ratio Lower Upper
164 100
129 37.8 60.3 112.1#
131 47.3 58.9 109.3#
166 60.9 83.0 154.1#





#61

1,2,3-Trichloropropane

Concen: 6.940 ug/L

RT: 13.522 min Scan# 20

Delta R.T. 0.794 min

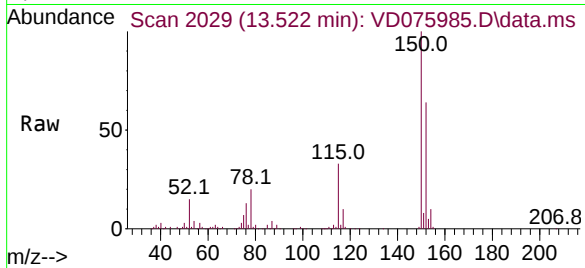
Lab File: VD075985.D

Acq: 03 May 2023 16:57

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 17184

Ion Ratio Lower Upper

75 100

77 32.2 26.6 39.8

110 2.5 33.5 50.3#

