

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075990.D
 Acq On : 03 May 2023 19:26
 Operator : KP/SY
 Sample : 02593-04
 Misc : 5.84G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 04 03:10:19 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

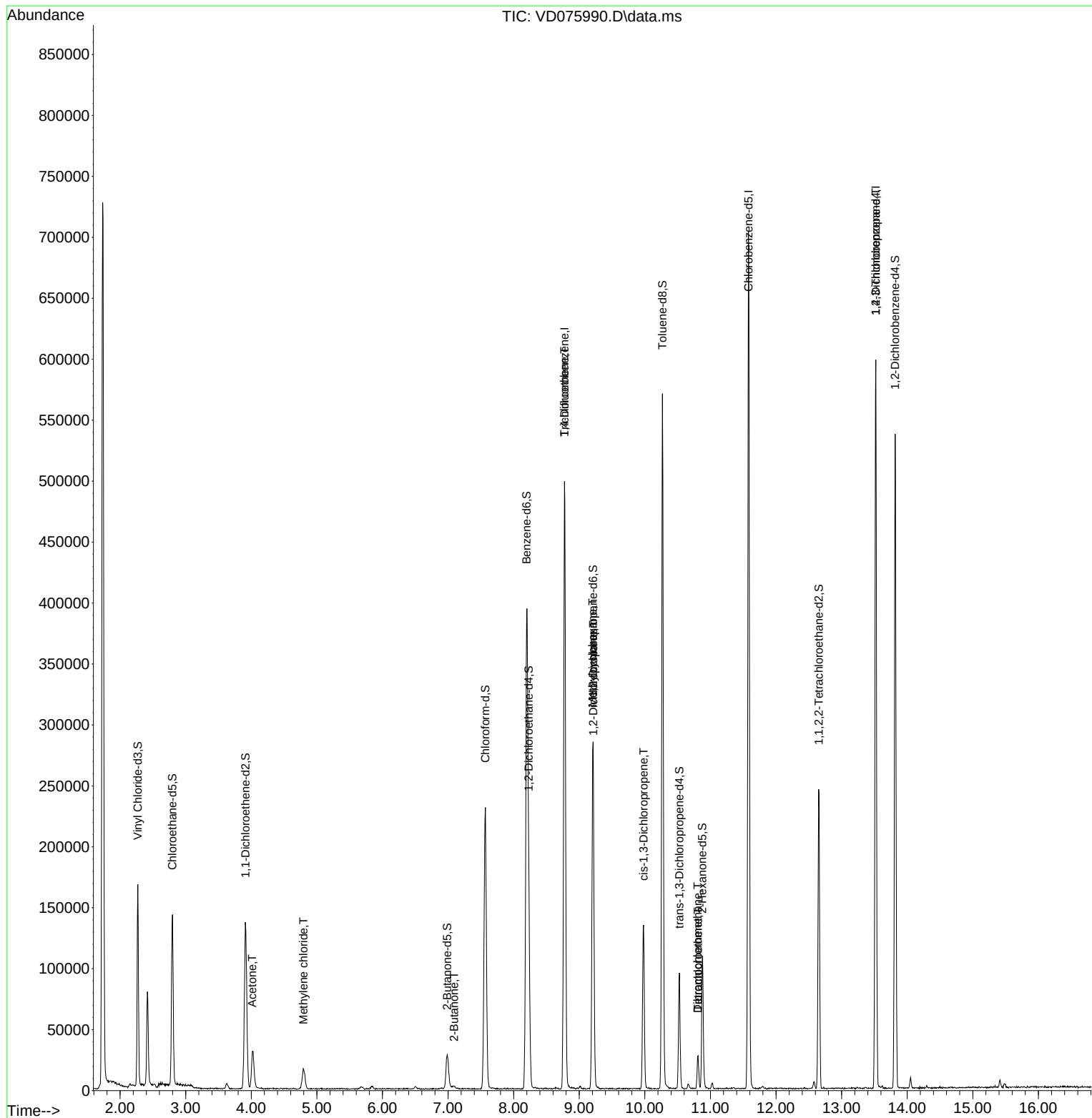
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	481682	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	444953	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	177737	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	152842	14.464	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.840%
7) Chloroethane-d5	2.799	69	152499	16.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.800%
11) 1,1-Dichloroethene-d2	3.911	65	36816	15.112	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.440%
21) 2-Butanone-d5	6.987	46	49265	53.704	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.400%
24) Chloroform-d	7.569	84	250951	20.834	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.320%
26) 1,2-Dichloroethane-d4	8.228	65	106145	20.635	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.560%
32) Benzene-d6	8.199	84	456343	17.596	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.400%
36) 1,2-Dichloropropane-d6	9.210	67	154601	21.537	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.160%
41) Toluene-d8	10.269	98	410352	16.901	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	67.600%
43) trans-1,3-Dichloroprop...	10.528	79	54368	18.324	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.280%
47) 2-Hexanone-d5	10.875	63	40510	46.870	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.740%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	130535	23.764	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.040%
66) 1,2-Dichlorobenzene-d4	13.816	152	156043	24.821	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.280%
Target Compounds						
13) Acetone	4.016	43	50908	64.849	ug/L	97
16) Methylene chloride	4.793	84	14550	1.489	ug/L	90
22) 2-Butanone	7.093	43	2421	2.366	ug/L #	66
34) Trichloroethene	8.775	95	12452	1.789	ug/L #	2
35) Methylcyclohexane	9.204	83	37854	3.527	ug/L #	24
37) 1,2-Dichloropropane	9.216	63	15650	2.531	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3650	0.371	ug/L #	70
46) Tetrachloroethene	10.810	164	6810	1.193	ug/L #	81
49) Dibromochloromethane	10.804	129	5603	0.979	ug/L #	10
61) 1,2,3-Trichloropropane	13.522	75	19029	6.815	ug/L #	64

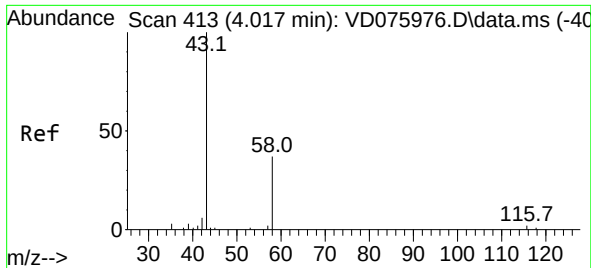
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 64.849 ug/L

RT: 4.016 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD075990.D

Acq: 03 May 2023 19:26

Instrument :

MSVOA_D

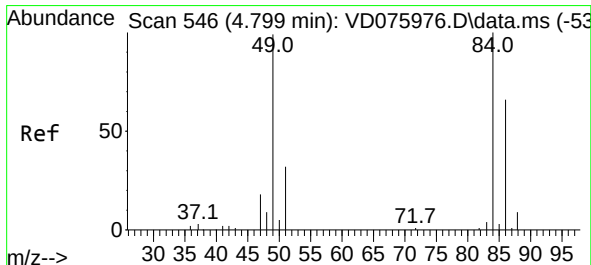
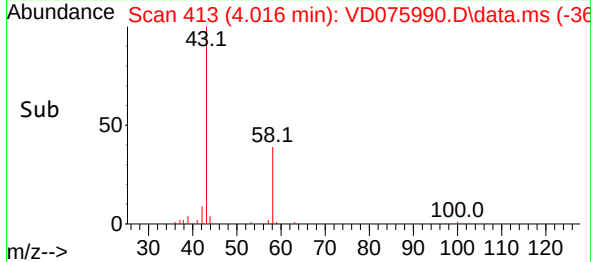
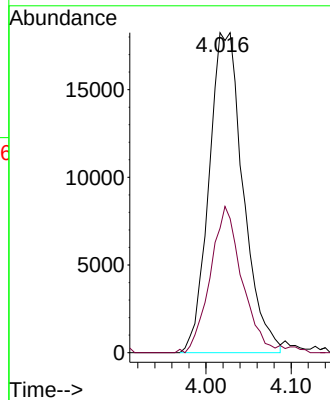
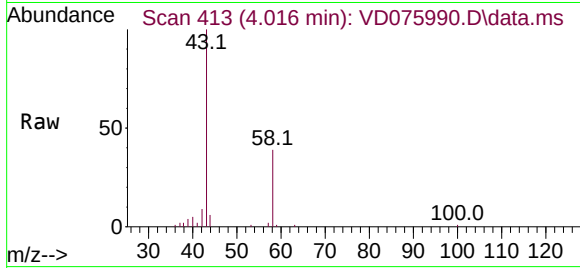
ClientSampleId :

Tgt Ion: 43 Resp: 50908

Ion Ratio Lower Upper

43 100

58 42.0 0.0 87.4



#16

Methylene chloride

Concen: 1.489 ug/L

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD075990.D

Acq: 03 May 2023 19:26

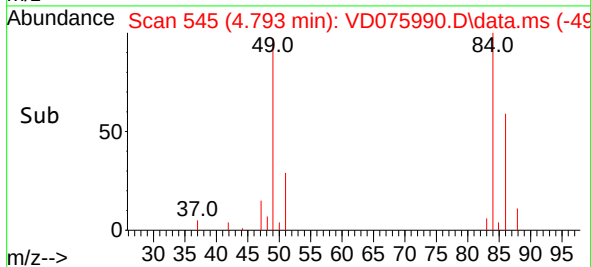
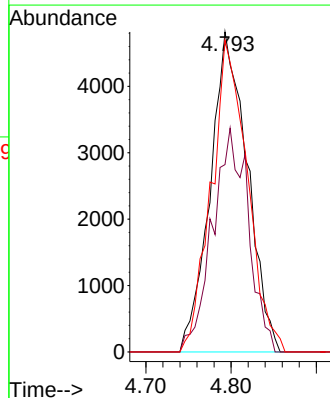
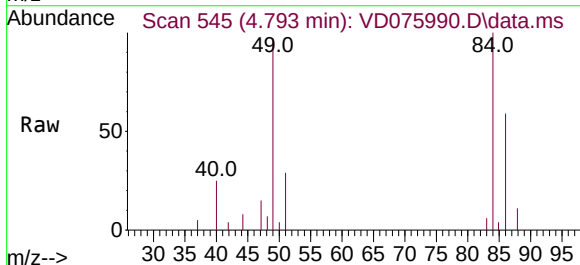
Tgt Ion: 84 Resp: 14550

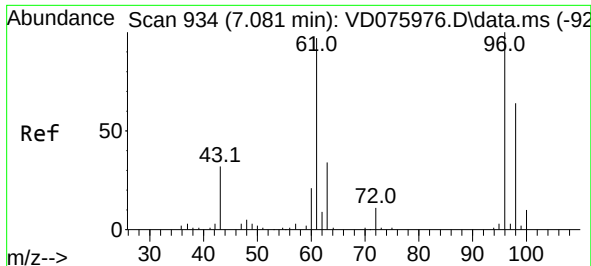
Ion Ratio Lower Upper

84 100

86 58.5 45.8 85.2

49 97.4 60.8 112.8

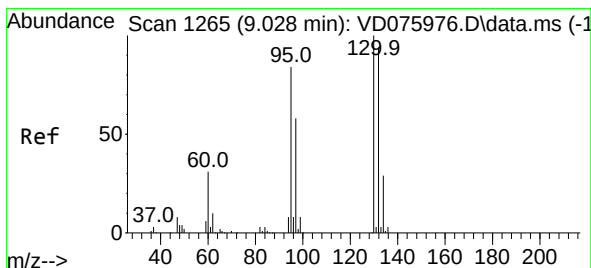
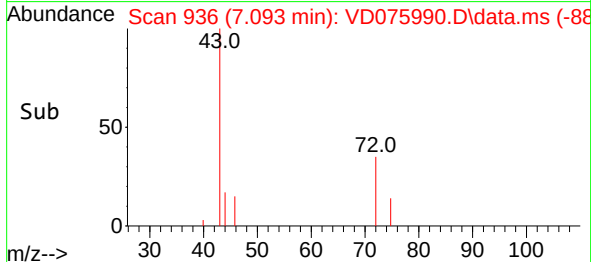
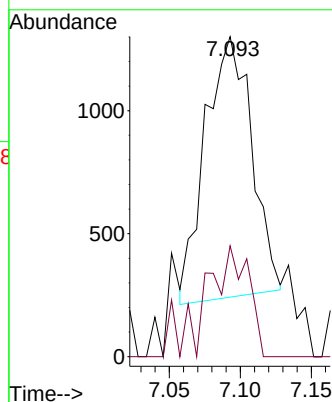
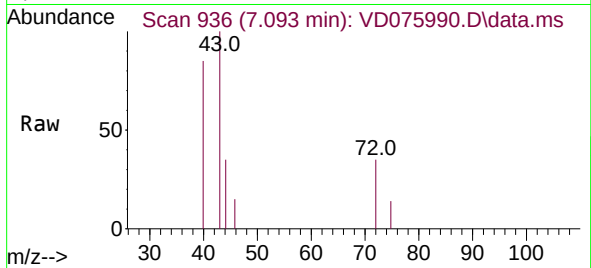




#22
2-Butanone
Concen: 2.366 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD075990.D
Acq: 03 May 2023 19:26

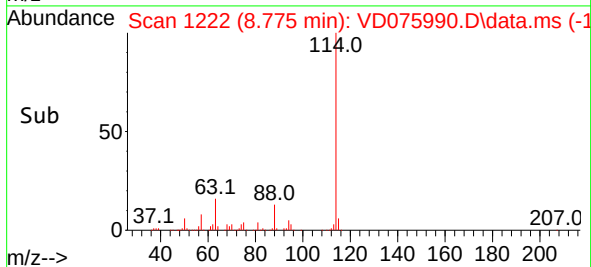
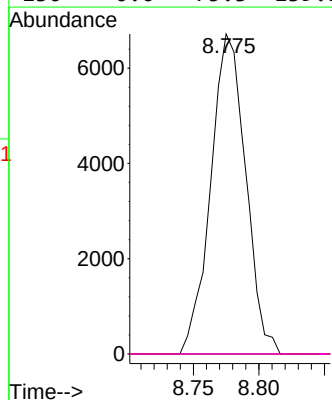
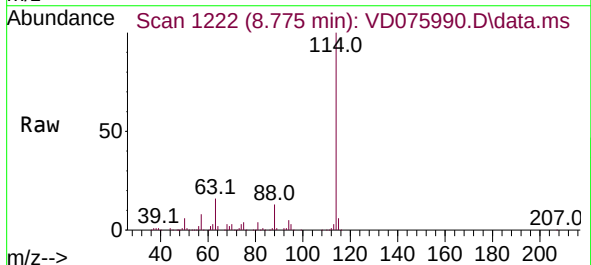
Instrument :
MSVOA_D
ClientSampleId :

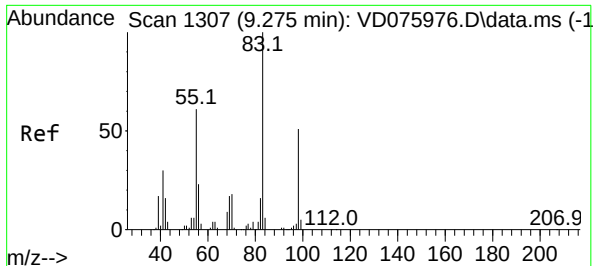
Tgt Ion: 43 Resp: 2421
Ion Ratio Lower Upper
43 100
72 20.0 20.5 61.5#



#34
Trichloroethene
Concen: 1.789 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD075990.D
Acq: 03 May 2023 19:26

Tgt Ion: 95 Resp: 12452
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: 3.527 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.071 min

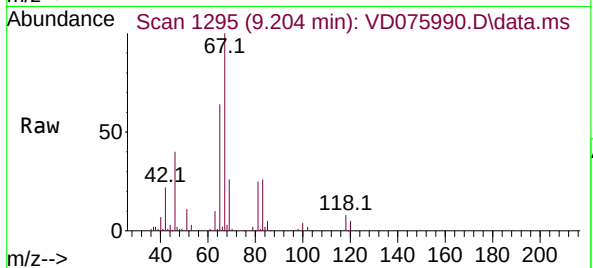
Lab File: VD075990.D

Acq: 03 May 2023 19:26

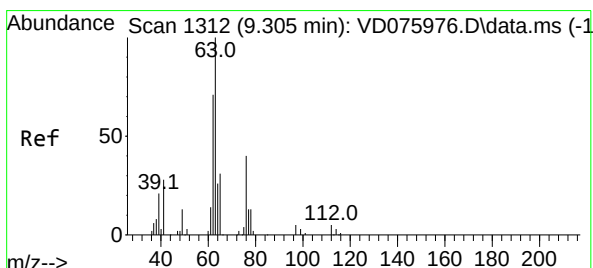
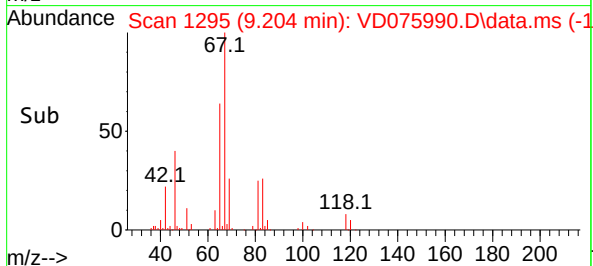
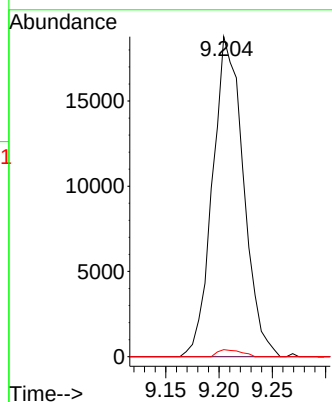
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	48.2	72.2#
98	1.7	40.8	61.2#



#37

1,2-Dichloropropane

Concen: 2.531 ug/L

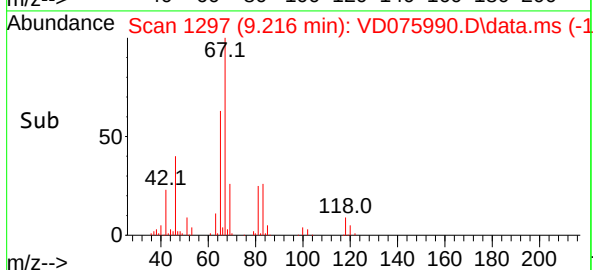
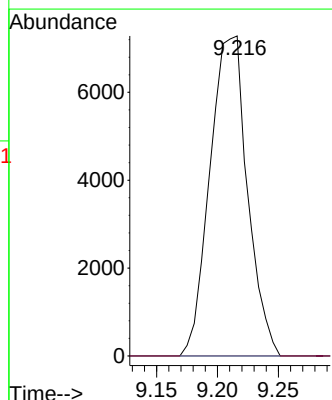
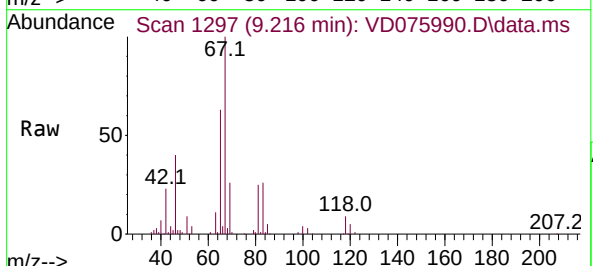
RT: 9.216 min Scan# 1297

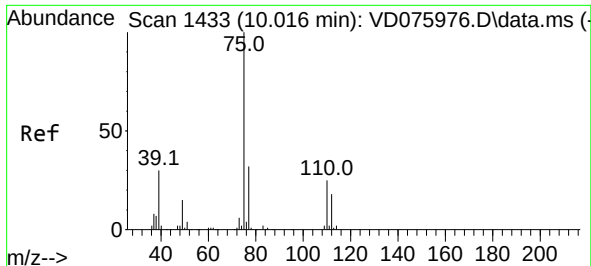
Delta R.T. -0.088 min

Lab File: VD075990.D

Acq: 03 May 2023 19:26

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





#39

cis-1,3-Dichloropropene

Concen: 0.371 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD075990.D

Acq: 03 May 2023 19:26

Instrument :

MSVOA_D

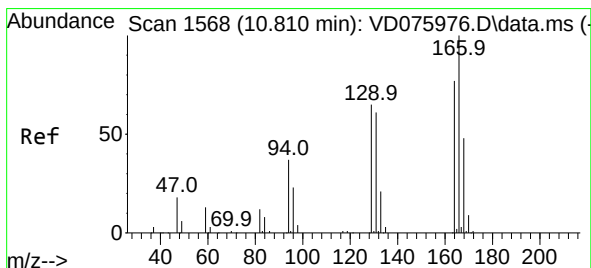
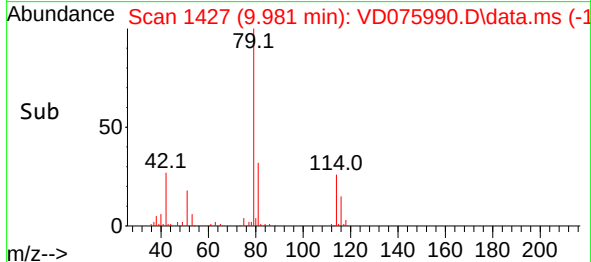
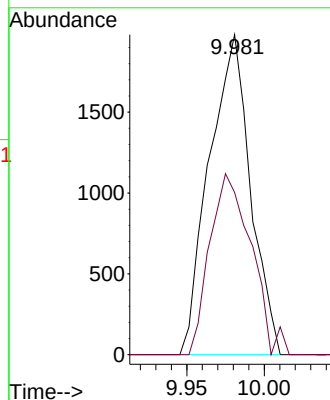
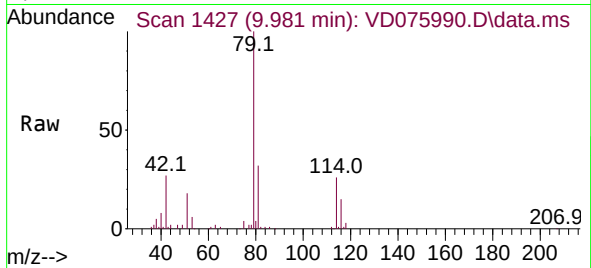
ClientSampleId :

Tgt Ion: 75 Resp: 3650

Ion Ratio Lower Upper

75 100

77 50.7 23.4 43.6#



#46

Tetrachloroethene

Concen: 1.193 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD075990.D

Acq: 03 May 2023 19:26

Tgt Ion:164 Resp: 6810

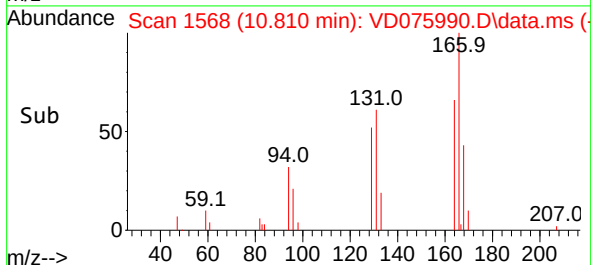
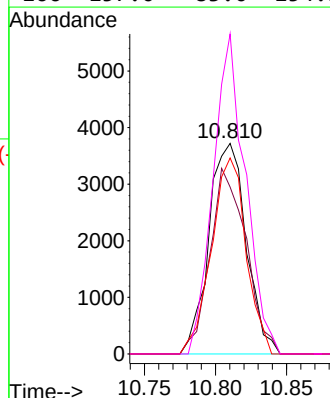
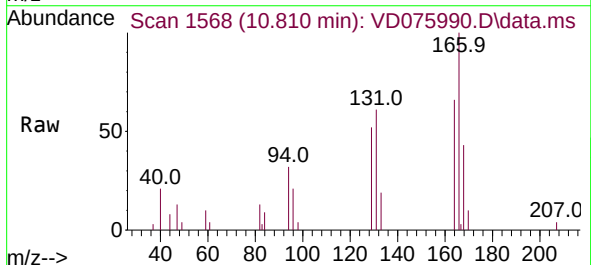
Ion Ratio Lower Upper

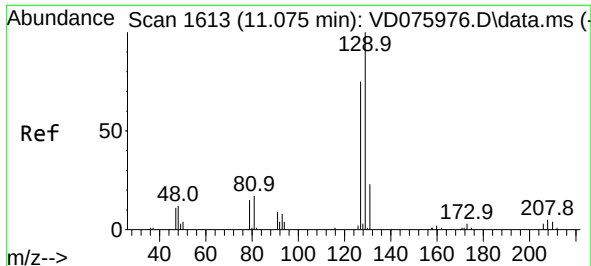
164 100

129 79.3 60.3 112.1

131 93.1 58.9 109.3

166 157.0 83.0 154.1#





#49

Dibromochloromethane

Concen: 0.979 ug/L

RT: 10.804 min Scan# 11

Delta R.T. -0.271 min

Lab File: VD075990.D

Acq: 03 May 2023 19:26

Instrument :

MSVOA_D

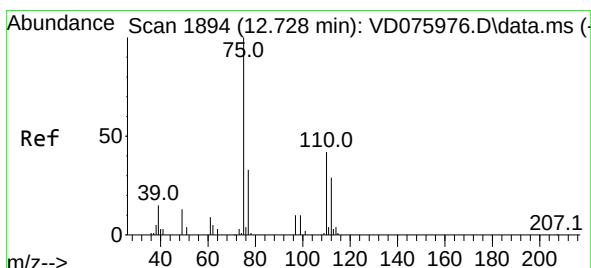
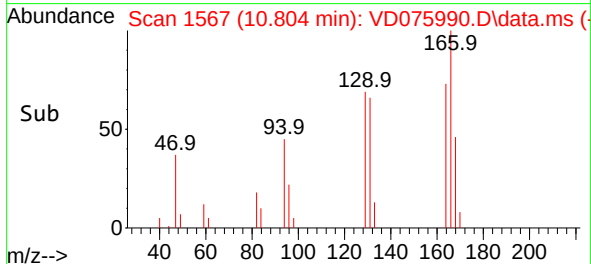
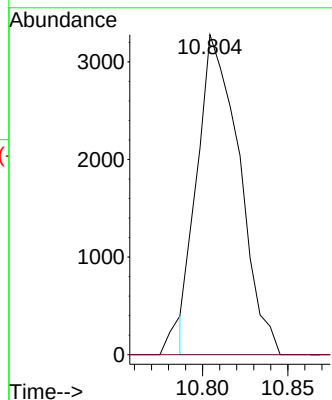
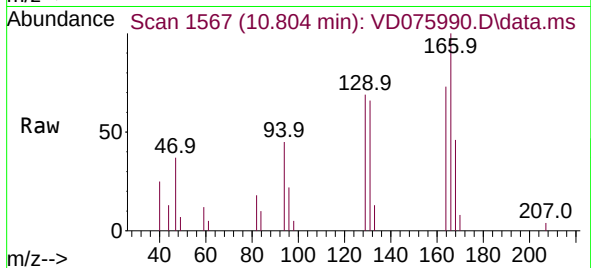
ClientSampleId :

Tgt Ion:129 Resp: 5603

Ion Ratio Lower Upper

129 100

127 0.0 55.6 103.4#



#61

1,2,3-Trichloropropane

Concen: 6.815 ug/L

RT: 13.522 min Scan# 2029

Delta R.T. 0.794 min

Lab File: VD075990.D

Acq: 03 May 2023 19:26

Tgt Ion: 75 Resp: 19029

Ion Ratio Lower Upper

75 100

77 31.3 26.6 39.8

110 3.2 33.5 50.3#

