

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075835.D
 Acq On : 26 Apr 2023 15:13
 Operator : KP/SY
 Sample : 02419-18
 Misc : 4.58G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW931

Quant Time: Apr 27 01:27:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 01:23:50 2023
 Response via : Initial Calibration

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

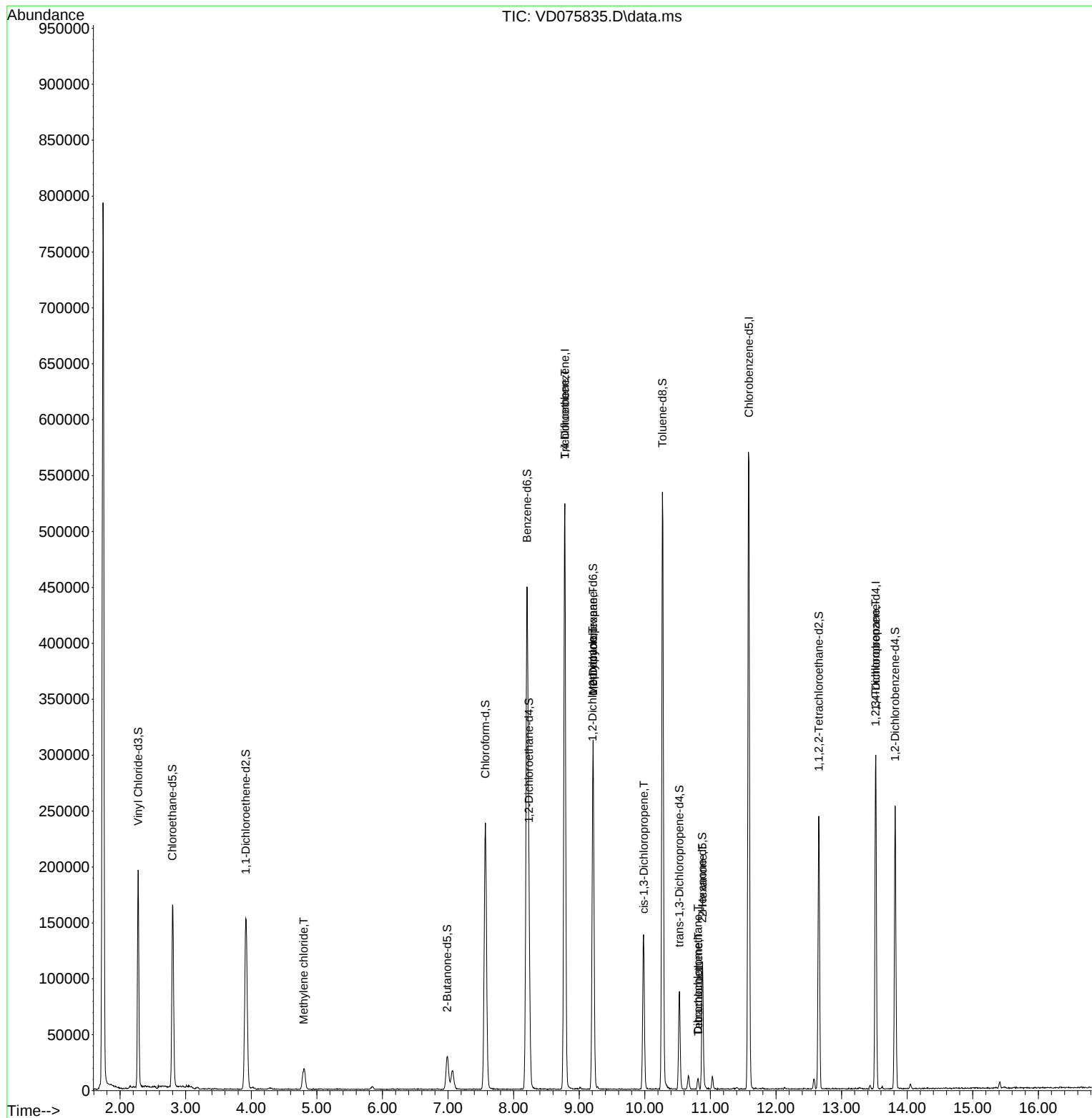
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	503630	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	381562	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	88085	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	188344	17.047	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.200%
7) Chloroethane-d5	2.799	69	181497	19.013	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.040%
11) 1,1-Dichloroethene-d2	3.917	65	42497	16.684	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.720%
21) 2-Butanone-d5	6.987	46	50514	52.666	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.340%
24) Chloroform-d	7.569	84	261485	20.763	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.040%
26) 1,2-Dichloroethane-d4	8.234	65	116869	21.730	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.920%
32) Benzene-d6	8.204	84	510476	22.954	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	9.210	67	161256	26.197	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.800%
41) Toluene-d8	10.269	98	402699	19.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.360%
43) trans-1,3-Dichloroprop...	10.528	79	51935	20.412	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.640%
47) 2-Hexanone-d5	10.875	63	42537	57.392	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.780%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	127204	27.005	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.040%
66) 1,2-Dichlorobenzene-d4	13.816	152	75058	24.090	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.360%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	17232	1.687	ug/L	98
34) Trichloroethene	8.781	95	12194	2.043	ug/L #	2
35) Methylcyclohexane	9.210	83	39677	4.312	ug/L #	24
37) 1,2-Dichloropropane	9.204	63	15808	2.982	ug/L #	85
39) cis-1,3-Dichloropropene	9.987	75	3833	0.455	ug/L	96
46) Tetrachloroethene	10.816	164	2279	0.466	ug/L	86
48) 2-Hexanone	10.881	43	3966	2.910	ug/L #	59
49) Dibromochloromethane	10.810	129	2271	0.463	ug/L #	10
61) 1,2,3-Trichloropropane	13.516	75	9283	6.709	ug/L #	38

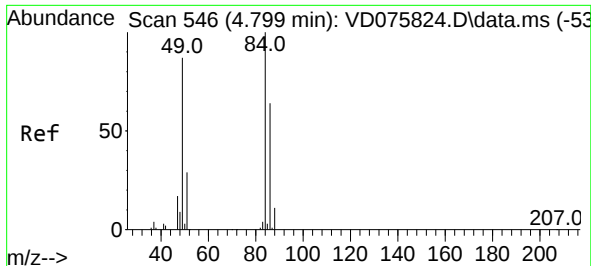
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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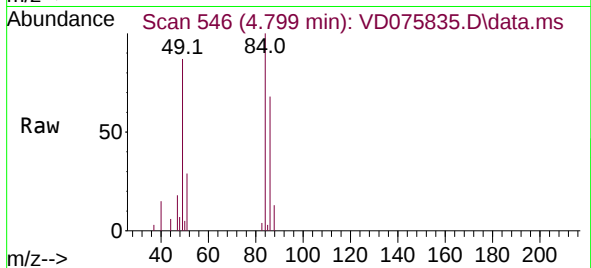
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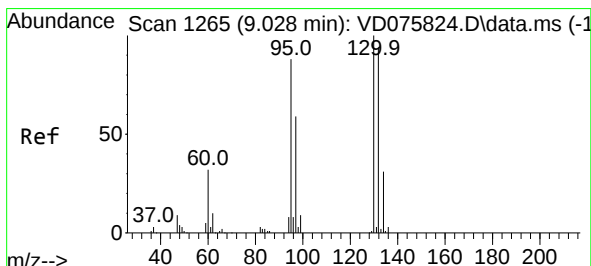
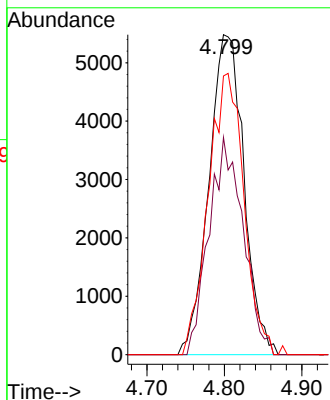
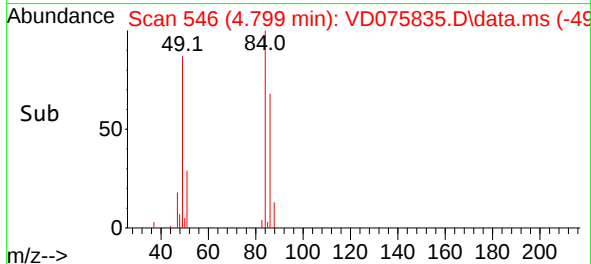


#16
Methylene chloride
Concen: 1.687 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD075835.D
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MSVOA_D
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EW931

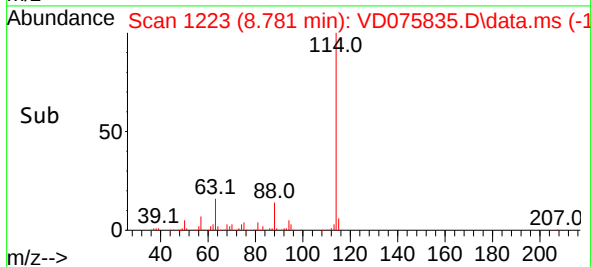
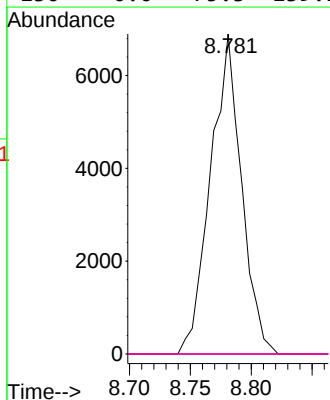
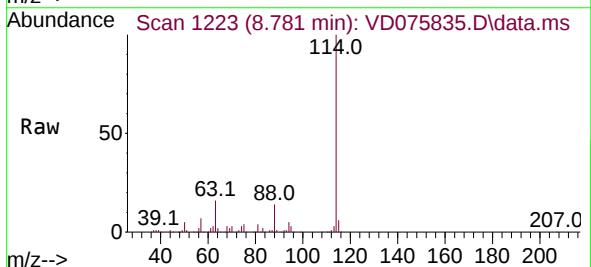


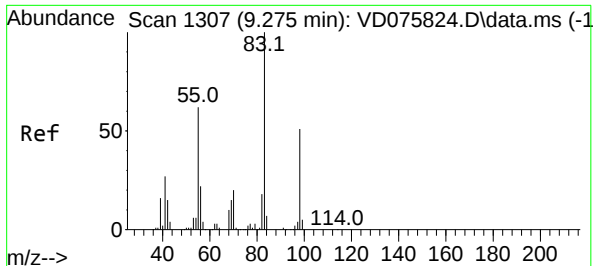
Tgt Ion: 84 Resp: 17232
Ion Ratio Lower Upper
84 100
86 67.9 45.8 85.2
49 87.1 60.8 112.8



#34
Trichloroethene
Concen: 2.043 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD075835.D
Acq: 26 Apr 2023 15:13

Tgt Ion: 95 Resp: 12194
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: 4.312 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD075835.D

Acq: 26 Apr 2023 15:13

Instrument :

MSVOA_D

ClientSampleId :

EW931

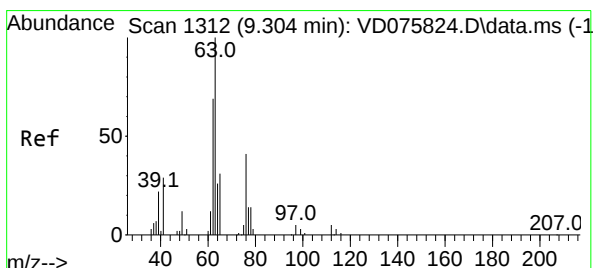
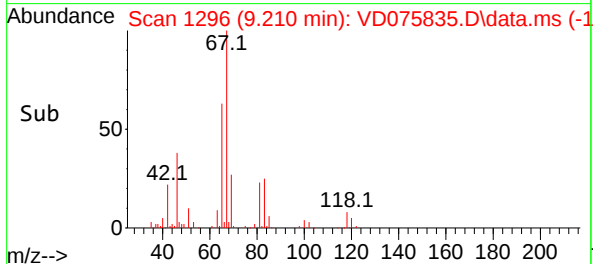
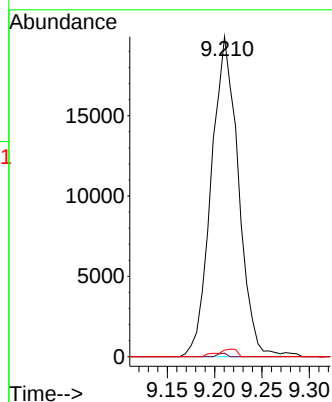
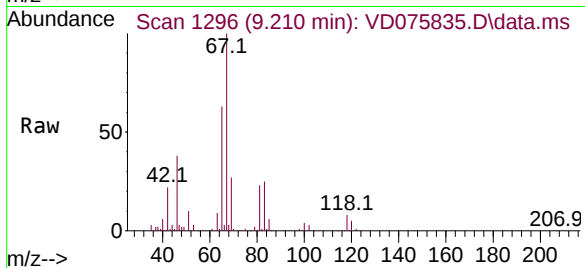
Tgt Ion: 83 Resp: 39677

Ion Ratio Lower Upper

83 100

55 0.4 48.2 72.2#

98 1.2 40.8 61.2#



#37

1,2-Dichloropropane

Concen: 2.982 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.100 min

Lab File: VD075835.D

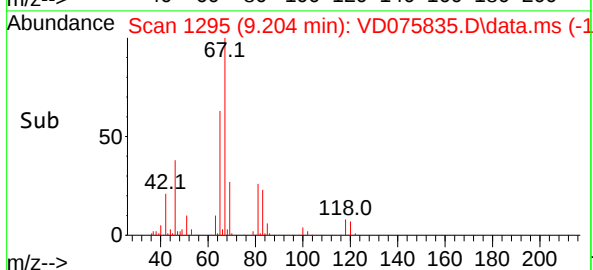
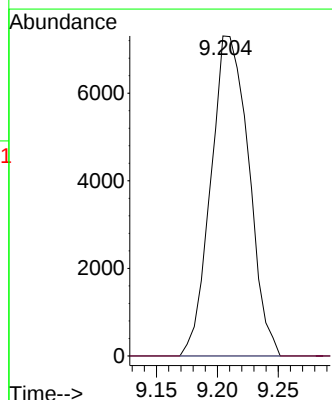
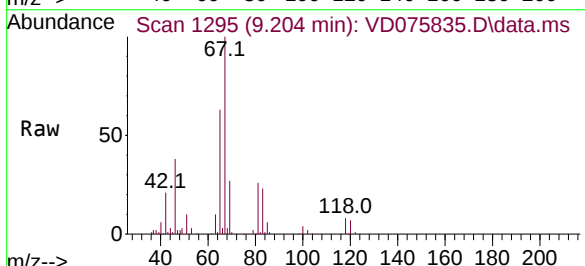
Acq: 26 Apr 2023 15:13

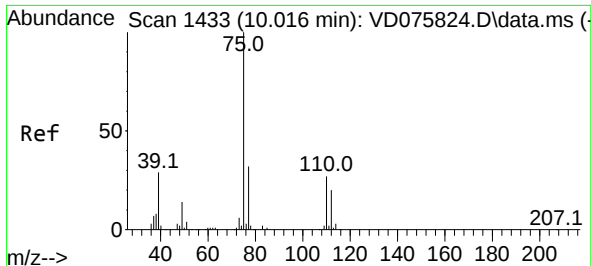
Tgt Ion: 63 Resp: 15808

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.455 ug/L

RT: 9.987 min Scan# 1433

Delta R.T. -0.029 min

Lab File: VD075835.D

Acq: 26 Apr 2023 15:13

Instrument :

MSVOA_D

ClientSampleId :

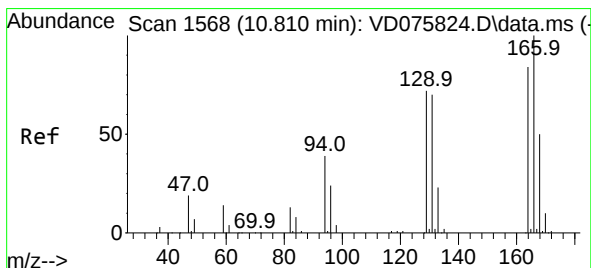
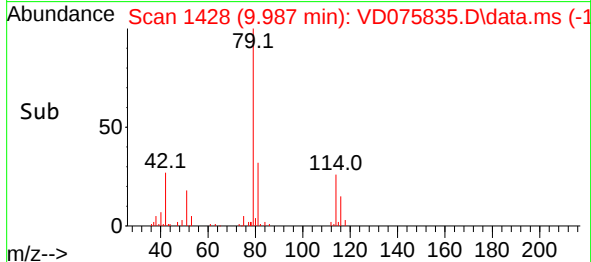
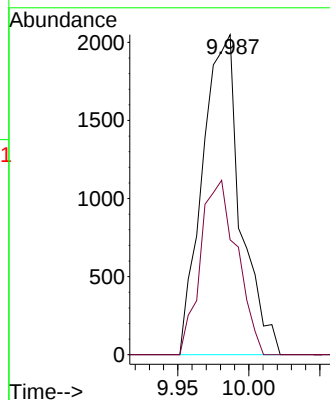
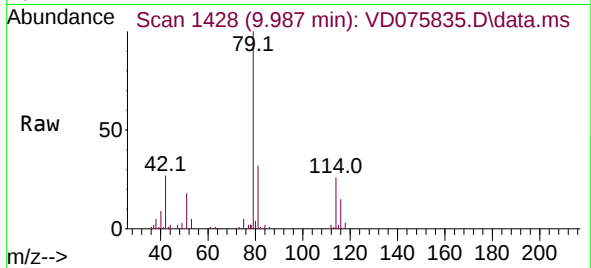
EW931

Tgt Ion: 75 Resp: 3833

Ion Ratio Lower Upper

75 100

77 35.9 23.4 43.6



#46

Tetrachloroethene

Concen: 0.466 ug/L

RT: 10.816 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VD075835.D

Acq: 26 Apr 2023 15:13

Tgt Ion: 164 Resp: 2279

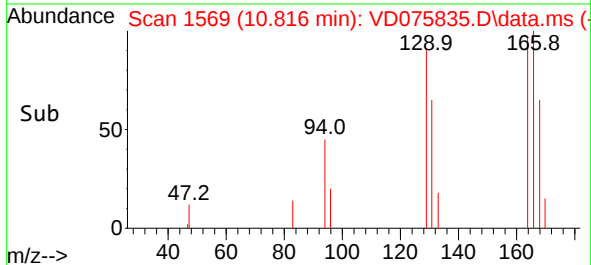
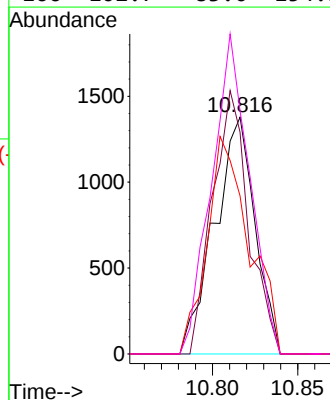
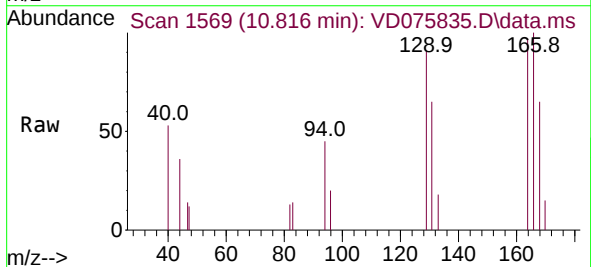
Ion Ratio Lower Upper

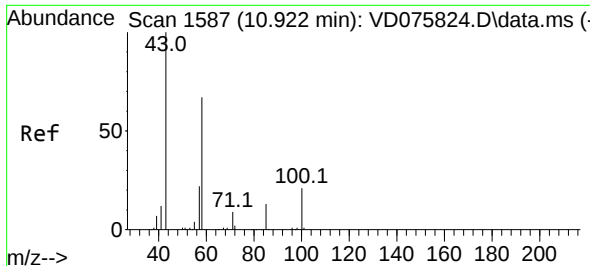
164 100

129 93.6 60.3 112.1

131 66.7 58.9 109.3

166 102.7 83.0 154.1

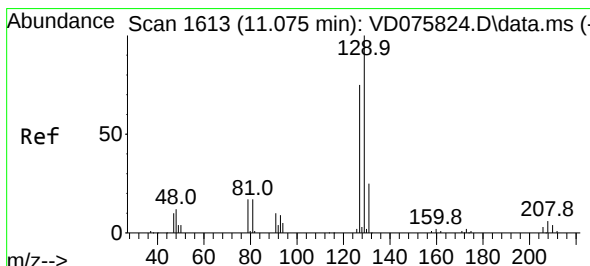
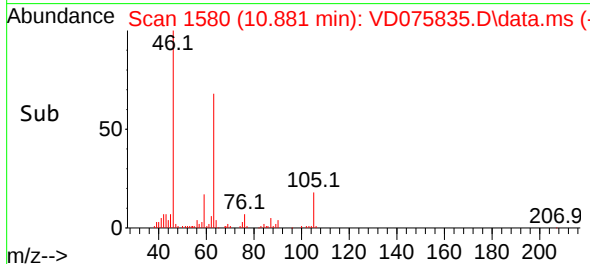
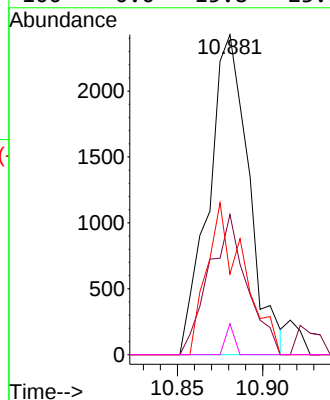
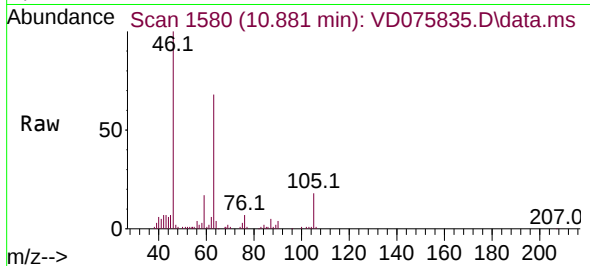




#48
2-Hexanone
Concen: 2.910 ug/L
RT: 10.881 min Scan# 1567
Delta R.T. -0.041 min
Lab File: VD075835.D
Acq: 26 Apr 2023 15:13

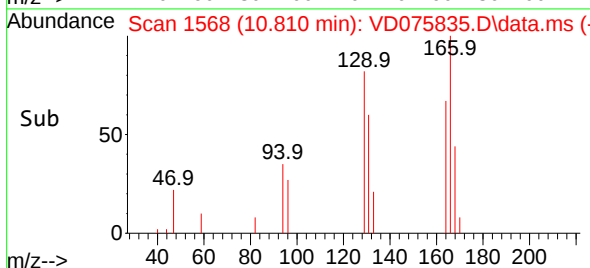
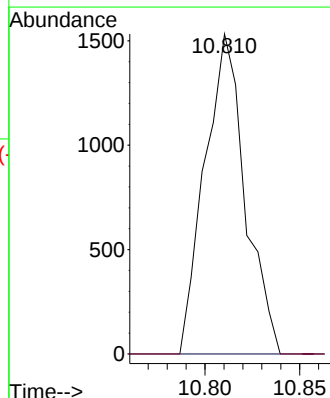
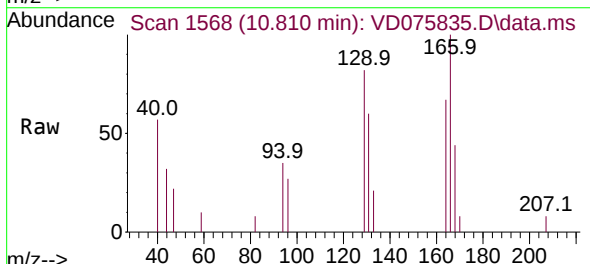
Instrument :
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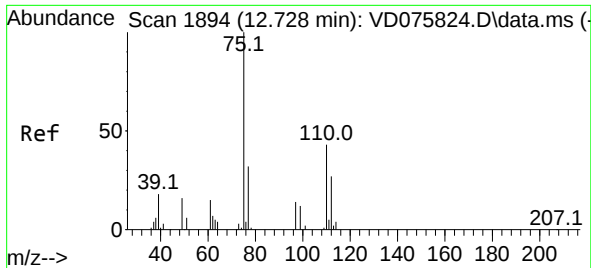
Tgt Ion: 43	Resp:	3966
Ion Ratio	Lower	Upper
43	100	
58	41.4	59.7 89.5#
57	43.4	17.9 26.9#
100	0.0	15.8 23.6#



#49
Dibromochloromethane
Concen: 0.463 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.265 min
Lab File: VD075835.D
Acq: 26 Apr 2023 15:13

Tgt Ion: 129	Resp:	2271
Ion Ratio	Lower	Upper
129	100	
127	0.0	55.6 103.4#





#61

1,2,3-Trichloropropane

Concen: 6.709 ug/L

RT: 13.516 min Scan# 20

Delta R.T. 0.788 min

Lab File: VD075835.D

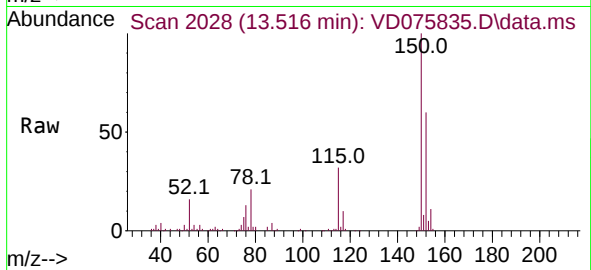
Acq: 26 Apr 2023 15:13

Instrument :

MSVOA_D

ClientSampleId :

EW931



Tgt Ion: 75 Resp: 9283

Ion Ratio Lower Upper

75 100

77 0.8 26.6 39.8#

110 0.6 33.5 50.3#

