

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075837.D
 Acq On : 26 Apr 2023 16:11
 Operator : KP/SY
 Sample : 02419-14RE
 Misc : 5.05G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW927RE

Quant Time: Apr 27 01:27:56 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)

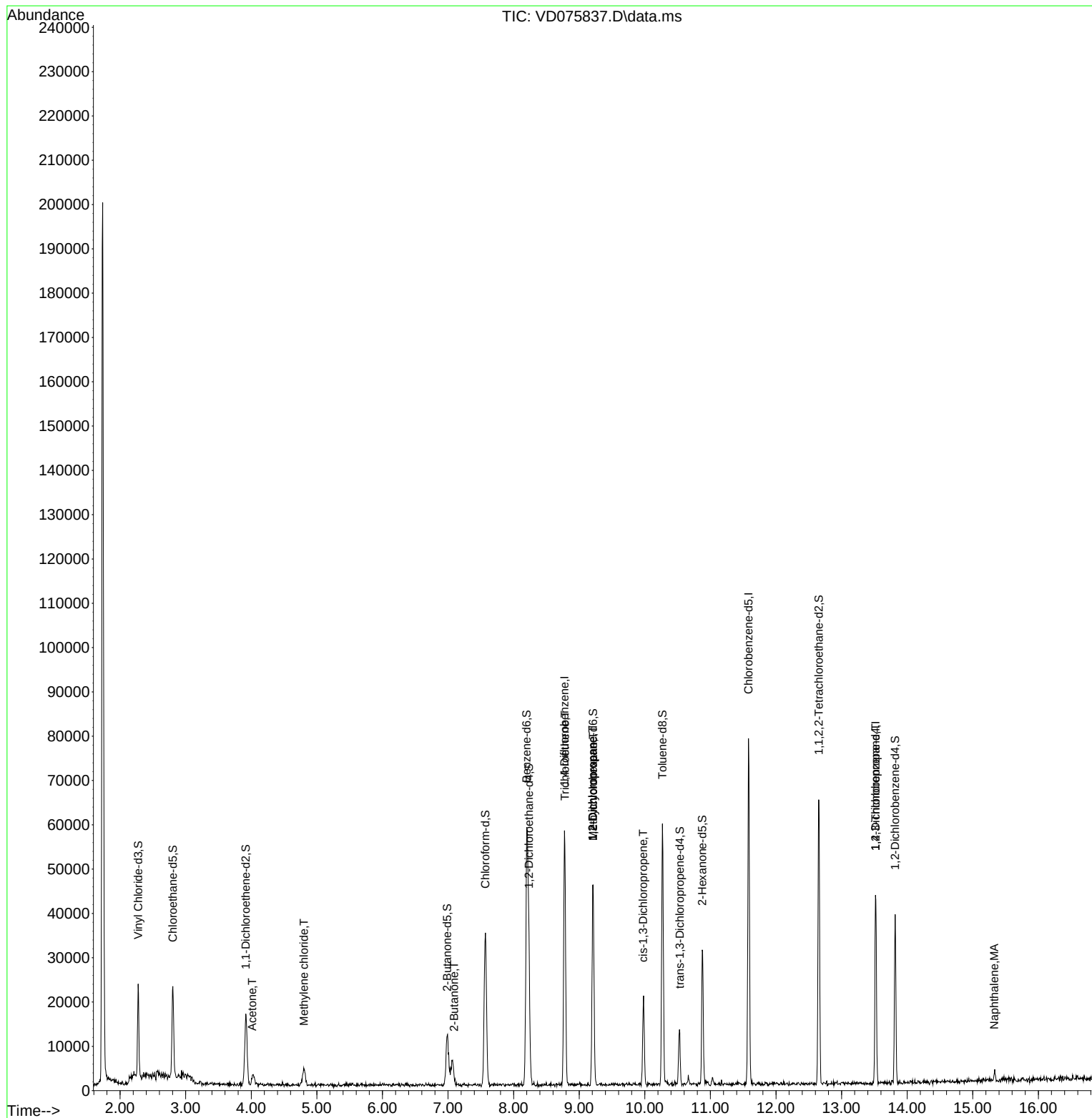
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	57739	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	50281	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	13869	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	19582	15.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.840%
7) Chloroethane-d5	2.805	69	22069	20.165	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.680%
11) 1,1-Dichloroethene-d2	3.917	65	2872	9.835	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	39.320%#
21) 2-Butanone-d5	6.987	46	20318	184.775	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	369.560%#
24) Chloroform-d	7.569	84	39031	27.032	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.120%
26) 1,2-Dichloroethane-d4	8.234	65	22729	36.862	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	147.440%#
32) Benzene-d6	8.199	84	64909	22.149	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	9.210	67	24289	29.944	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.760%
41) Toluene-d8	10.269	98	44962	16.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.560%
43) trans-1,3-Dichloroprop...	10.534	79	8518	25.405	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.640%
47) 2-Hexanone-d5	10.875	63	11421	116.936	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	233.880%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	34722	55.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	223.760%#
66) 1,2-Dichlorobenzene-d4	13.816	152	11143	22.715	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.840%
Target Compounds					Qvalue	
13) Acetone	4.017	43	2044	21.721	ug/L	98
16) Methylene chloride	4.805	84	3673	3.136	ug/L	86
22) 2-Butanone	7.093	43	93	0.758	ug/L #	34
34) Trichloroethene	8.781	95	1300	1.653	ug/L #	2
35) Methylcyclohexane	9.210	83	6056	4.994	ug/L #	23
37) 1,2-Dichloropropane	9.205	63	1551	2.220	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	434	0.391	ug/L	83
61) 1,2,3-Trichloropropane	13.516	75	1563	7.174	ug/L #	45
71) Naphthalene	15.328	128	2022	2.261	ug/L	98

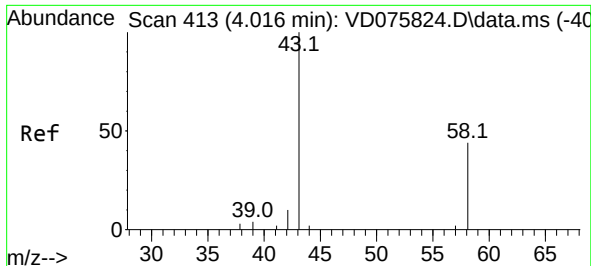
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Apr 27 01:23:50 2023
Response via : Initial Calibration

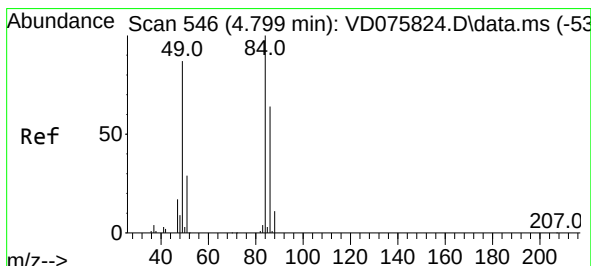
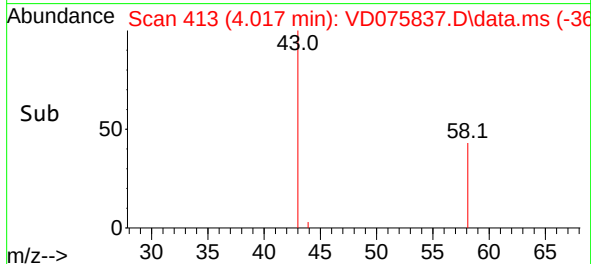
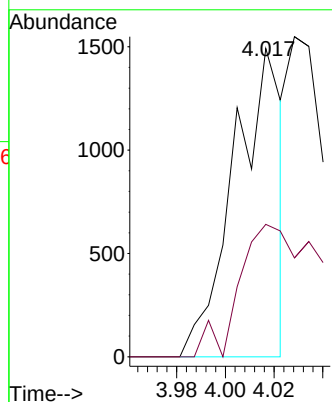
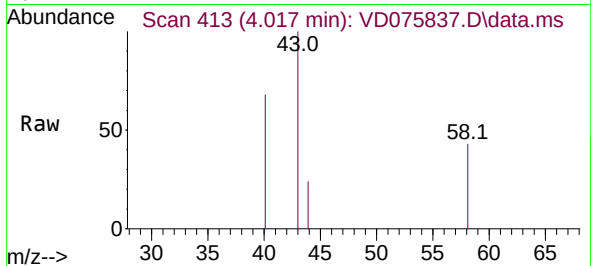




#13
Acetone
Concen: 21.721 ug/L
RT: 4.017 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD075837.D
Acq: 26 Apr 2023 16:11

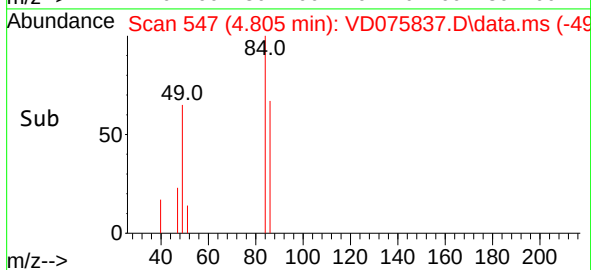
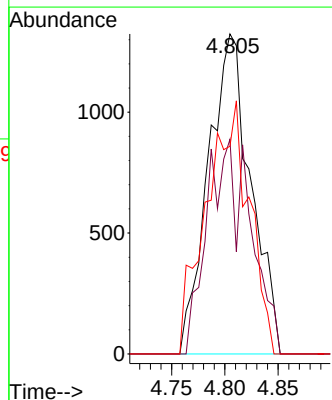
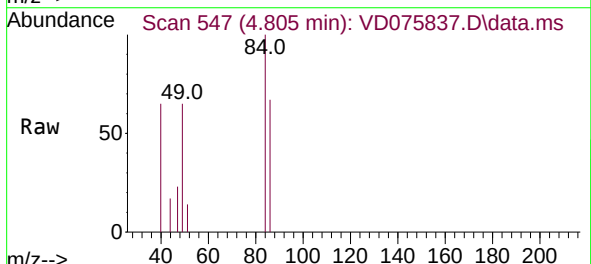
Instrument :
MSVOA_D
ClientSampleId :
EW927RE

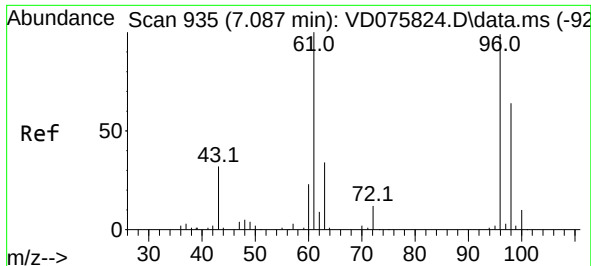
Tgt Ion: 43 Resp: 2044
Ion Ratio Lower Upper
43 100
58 45.3 0.0 87.4



#16
Methylene chloride
Concen: 3.136 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD075837.D
Acq: 26 Apr 2023 16:11

Tgt Ion: 84 Resp: 3673
Ion Ratio Lower Upper
84 100
86 67.1 45.8 85.2
49 64.9 60.8 112.8

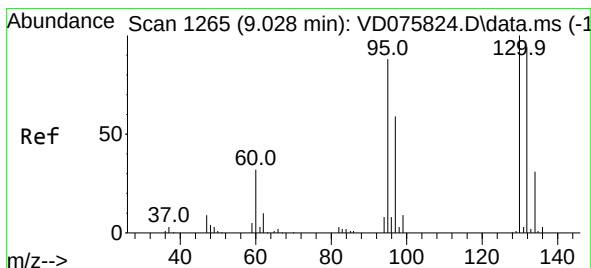
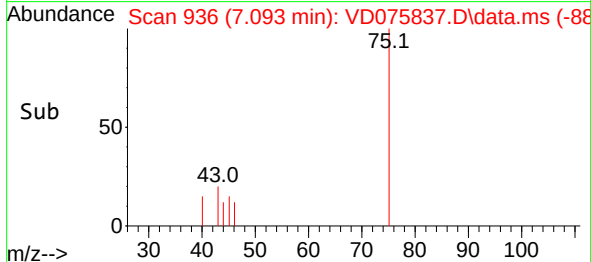
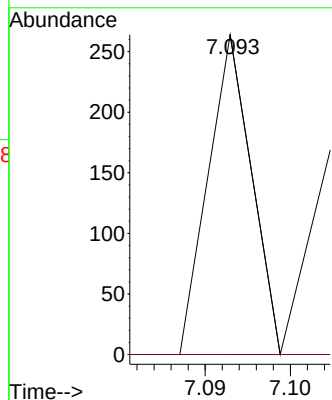
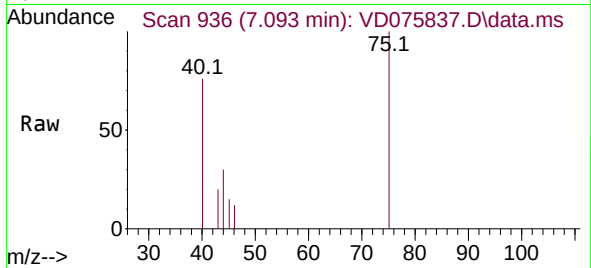




#22
2-Butanone
Concen: 0.758 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075837.D
Acq: 26 Apr 2023 16:11

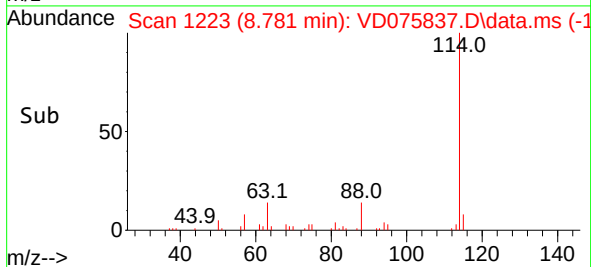
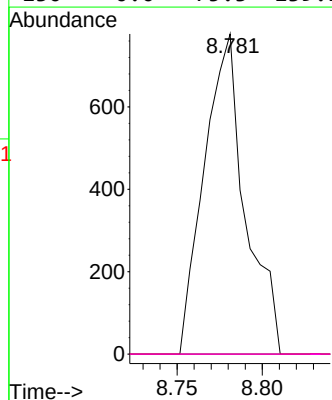
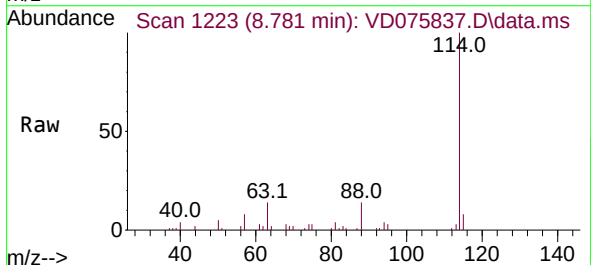
Instrument :
MSVOA_D
ClientSampleId :
EW927RE

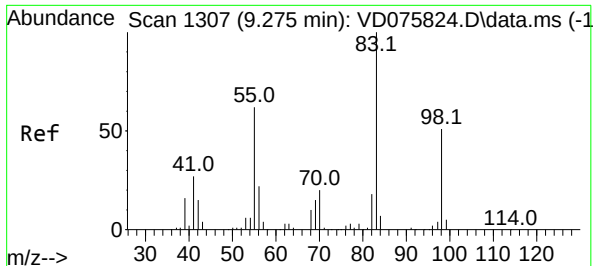
Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
72 0.0 20.5 61.5#



#34
Trichloroethene
Concen: 1.653 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD075837.D
Acq: 26 Apr 2023 16:11

Tgt Ion: 95 Resp: 1300
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: 4.994 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.065 min

Lab File: VD075837.D

Acq: 26 Apr 2023 16:11

Instrument :

MSVOA_D

ClientSampleId :

EW927RE

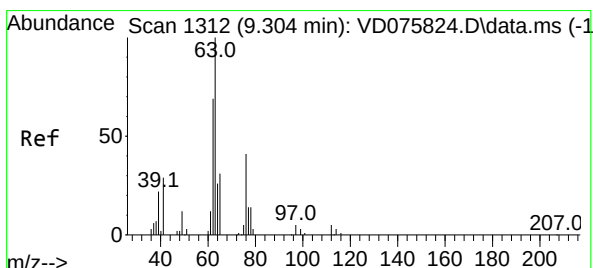
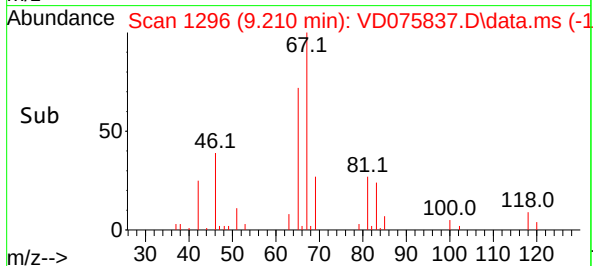
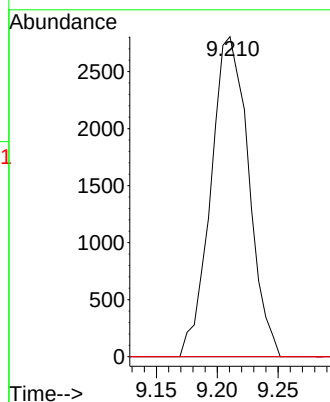
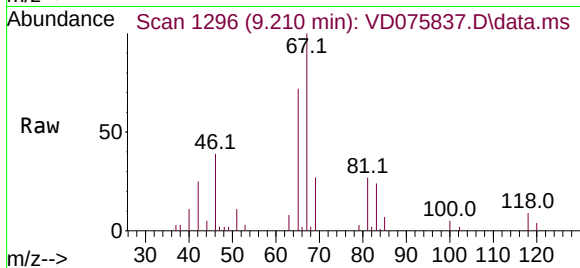
Tgt Ion: 83 Resp: 6056

Ion Ratio Lower Upper

83 100

55 0.0 48.2 72.2#

98 0.0 40.8 61.2#



#37

1,2-Dichloropropane

Concen: 2.220 ug/L

RT: 9.205 min Scan# 1295

Delta R.T. -0.100 min

Lab File: VD075837.D

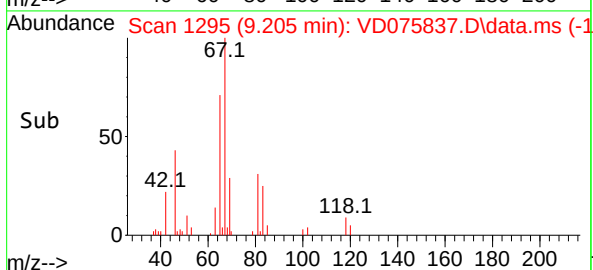
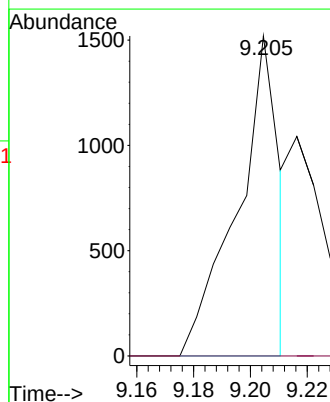
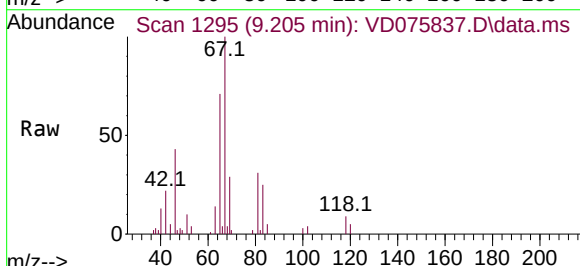
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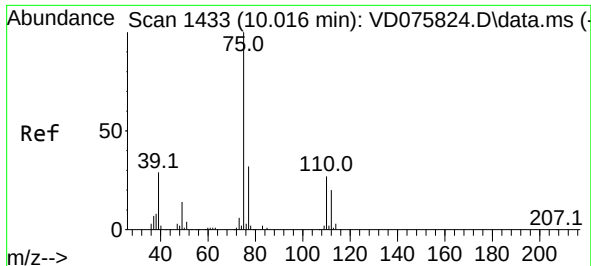
Tgt Ion: 63 Resp: 1551

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.391 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD075837.D

Acq: 26 Apr 2023 16:11

Instrument :

MSVOA_D

ClientSampleId :

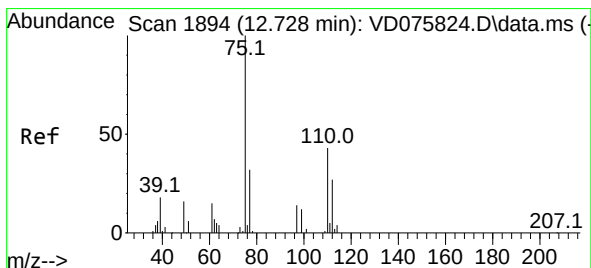
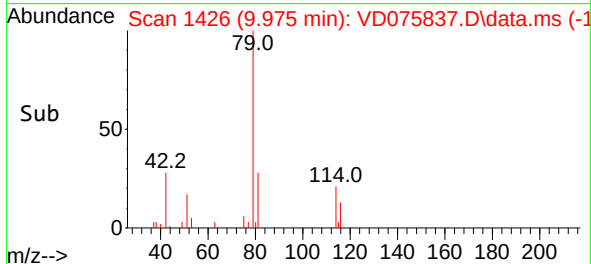
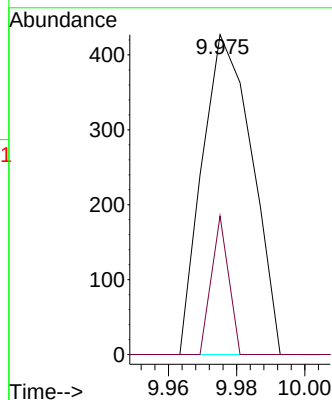
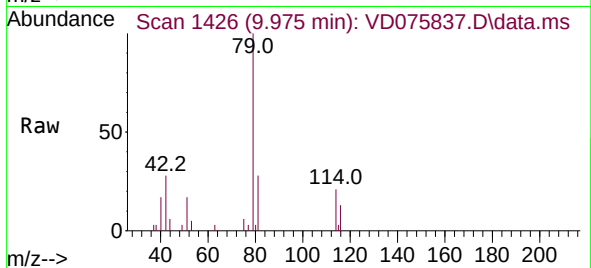
EW927RE

Tgt Ion: 75 Resp: 434

Ion Ratio Lower Upper

75 100

77 43.3 23.4 43.6



#61

1,2,3-Trichloropropane

Concen: 7.174 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.788 min

Lab File: VD075837.D

Acq: 26 Apr 2023 16:11

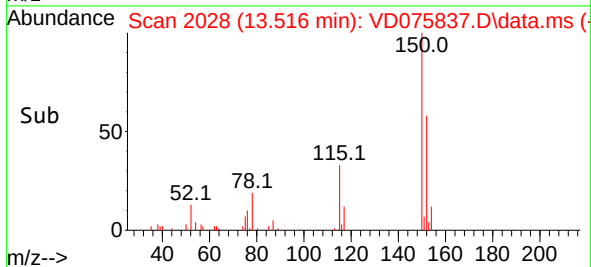
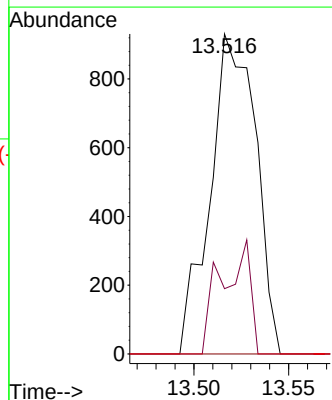
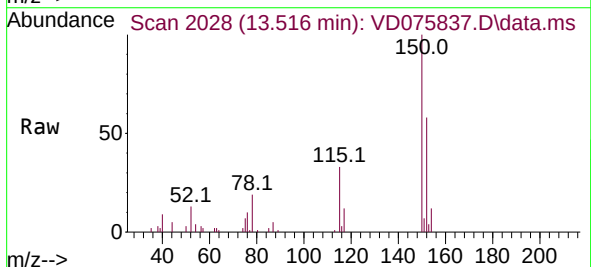
Tgt Ion: 75 Resp: 1563

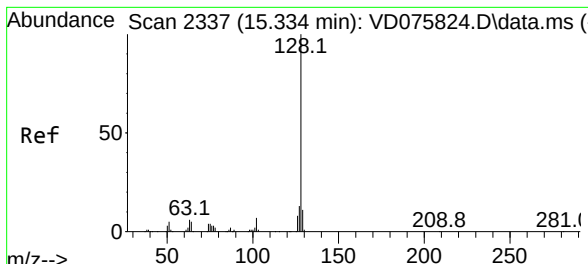
Ion Ratio Lower Upper

75 100

77 10.3 26.6 39.8#

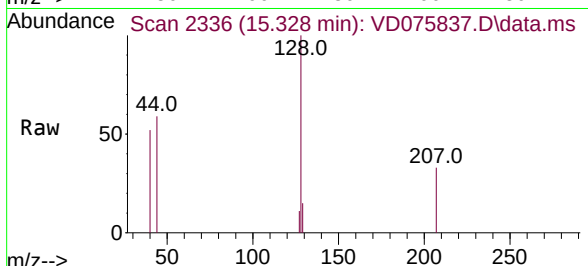
110 0.0 33.5 50.3#





#71
 Naphthalene
 Concen: 2.261 ug/L
 RT: 15.328 min Scan# 21
 Delta R.T. -0.006 min
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Tgt Ion:	128	Resp:	2022
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	9.6	9.1	13.7

