

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075937.D
 Acq On : 01 May 2023 14:01
 Operator : KP/SY
 Sample : 02548-29RE
 Misc : 5.96G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 02:33:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

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

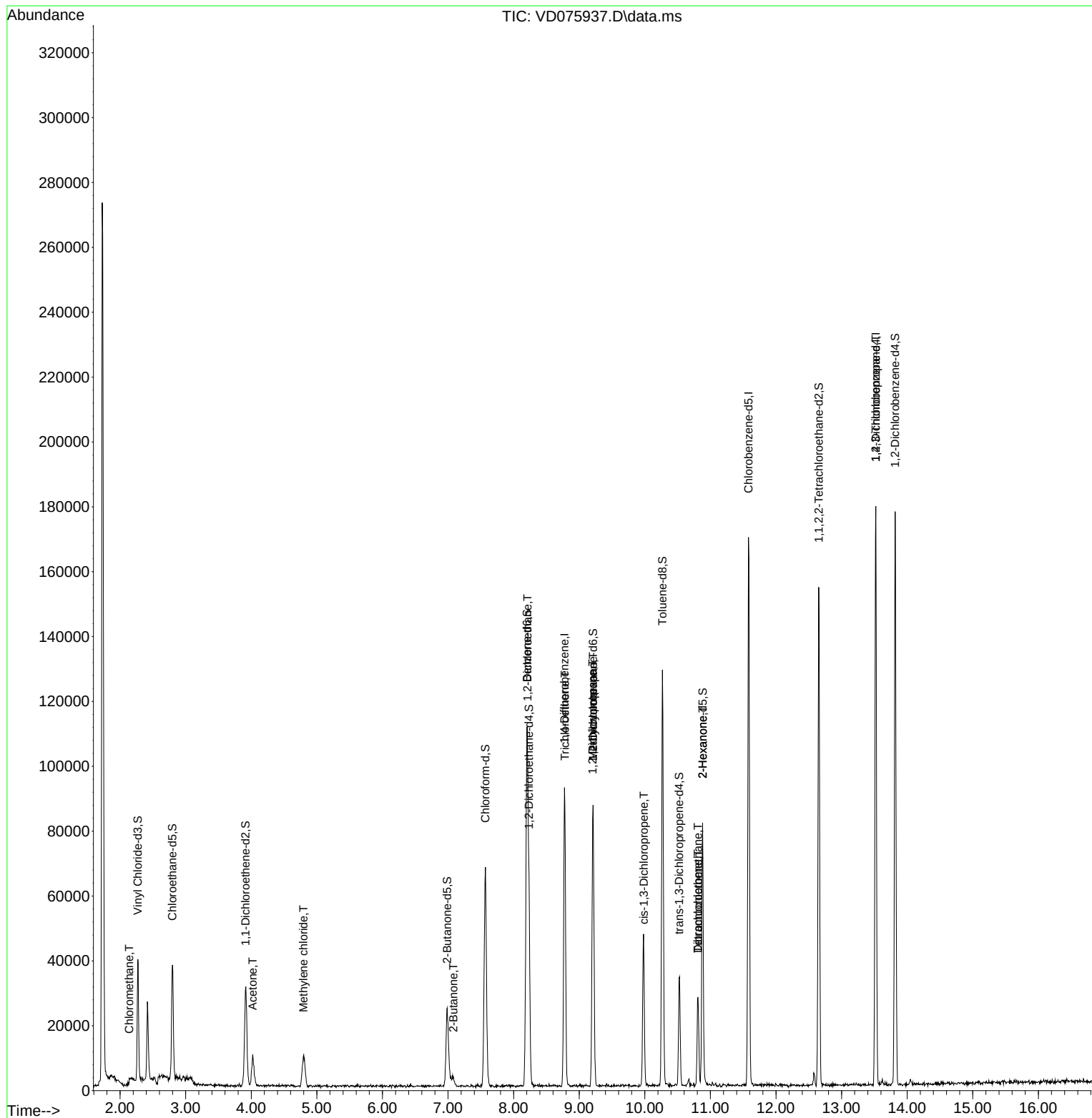
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	91559	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	109460	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	53503	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	35346	17.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.400%
7) Chloroethane-d5	2.799	69	39324	22.659	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.640%
11) 1,1-Dichloroethene-d2	3.911	65	8653	18.686	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.760%
21) 2-Butanone-d5	6.987	46	38476	220.659	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	441.320%#
24) Chloroform-d	7.569	84	72498	31.664	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	126.640%
26) 1,2-Dichloroethane-d4	8.234	65	43859	44.857	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	179.440%#
32) Benzene-d6	8.205	84	121602	19.060	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.240%
36) 1,2-Dichloropropane-d6	9.210	67	45983	26.040	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.160%
41) Toluene-d8	10.269	98	97314	16.293	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.160%
43) trans-1,3-Dichloroprop...	10.522	79	21743	29.789	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	119.160%
47) 2-Hexanone-d5	10.881	63	29154	137.116	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	274.240%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	80816	59.807	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	239.240%#
66) 1,2-Dichlorobenzene-d4	13.816	152	51347	27.132	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.520%
Target Compounds						Qvalue
3) Chloromethane	2.140	50	442	0.251	ug/L #	41
13) Acetone	4.022	43	14756	98.888	ug/L	91
16) Methylene chloride	4.793	84	5187	2.793	ug/L	91
22) 2-Butanone	7.081	43	674	3.465	ug/L #	52
27) 1,2-Dichloroethane	8.210	62	567	0.496	ug/L #	68
34) Trichloroethene	8.781	95	2215	1.294	ug/L #	2
35) Methylcyclohexane	9.210	83	11057	4.188	ug/L #	23
37) 1,2-Dichloropropane	9.205	63	5299	3.484	ug/L #	85
39) cis-1,3-Dichloropropene	9.987	75	1000	0.413	ug/L #	75
46) Tetrachloroethene	10.810	164	7284	5.187	ug/L	83
48) 2-Hexanone	10.881	43	2817	7.206	ug/L #	49
49) Dibromochloromethane	10.810	129	6033	4.283	ug/L #	10
61) 1,2,3-Trichloropropane	13.522	75	5477	6.517	ug/L #	60

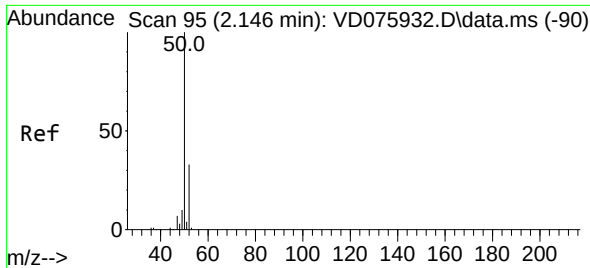
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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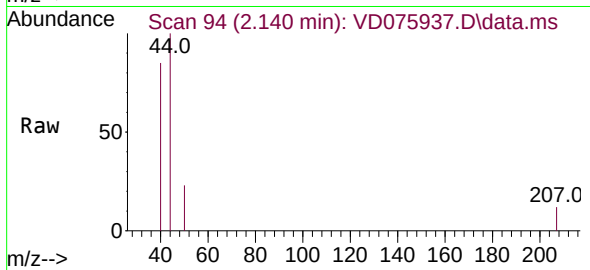
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 02 02:31:38 2023
Response via : Initial Calibration



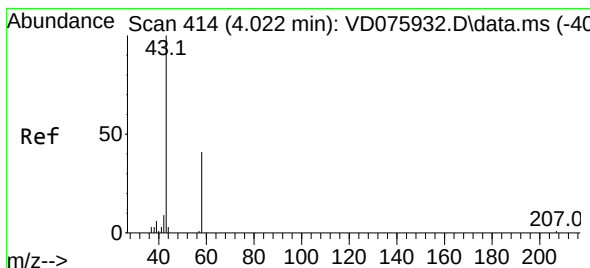
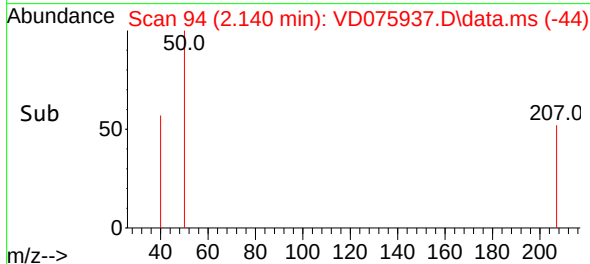
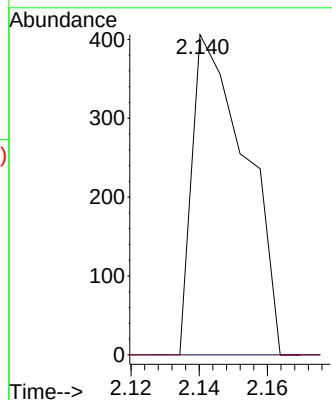


#3
Chloromethane
Concen: 0.251 ug/L
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD075937.D
Acq: 01 May 2023 14:01

Instrument :
MSVOA_D
ClientSampleId :

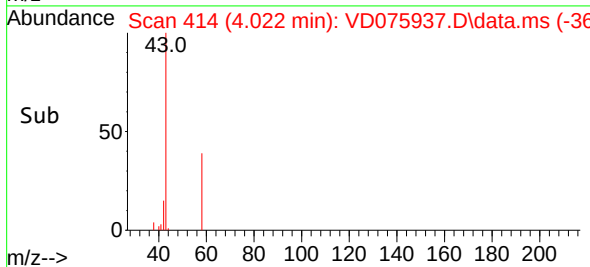
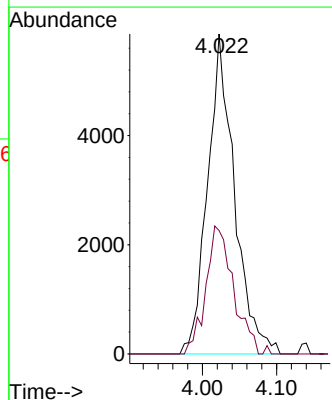
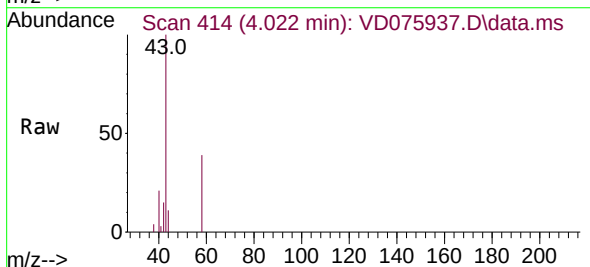


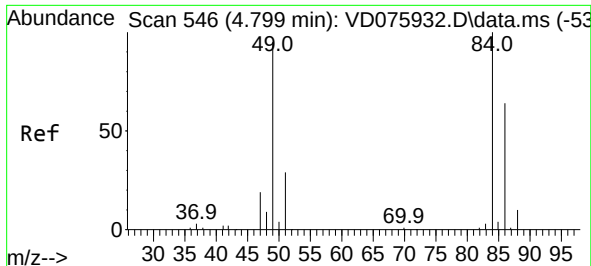
Tgt Ion: 50 Resp: 442
Ion Ratio Lower Upper
50 100
52 0.0 23.7 44.1#



#13
Acetone
Concen: 98.888 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075937.D
Acq: 01 May 2023 14:01

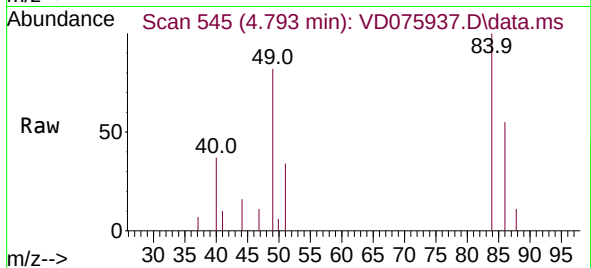
Tgt Ion: 43 Resp: 14756
Ion Ratio Lower Upper
43 100
58 37.6 0.0 87.4



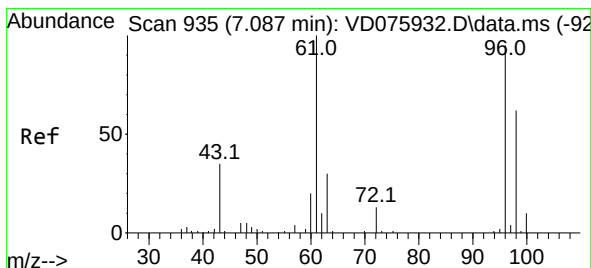
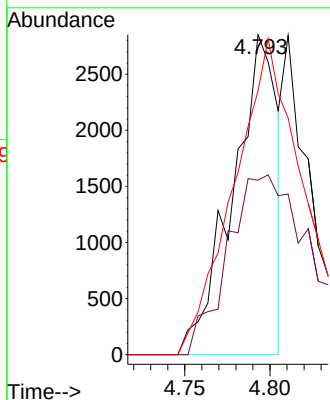
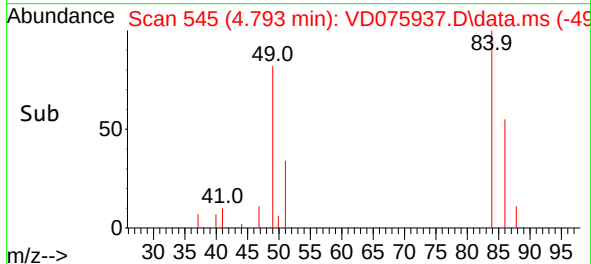


#16
Methylene chloride
Concen: 2.793 ug/L
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075937.D
Acq: 01 May 2023 14:01

Instrument :
MSVOA_D
ClientSampleId :

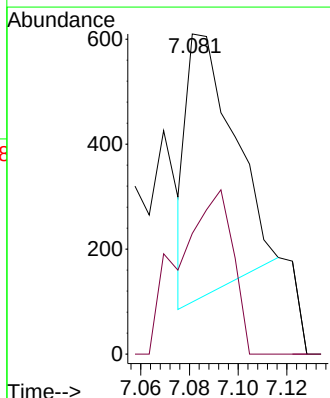
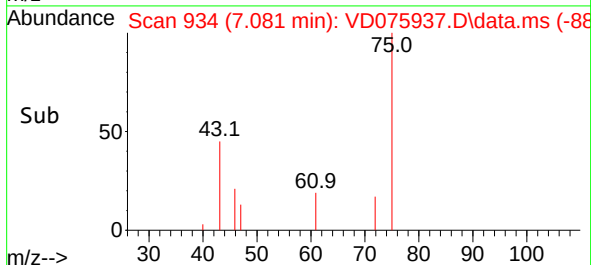
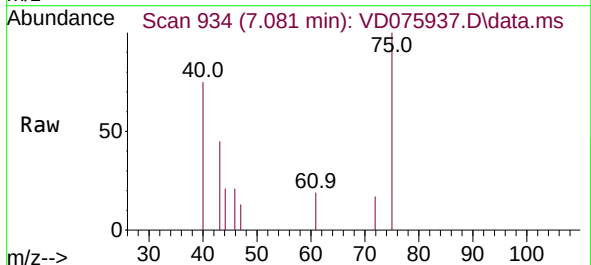


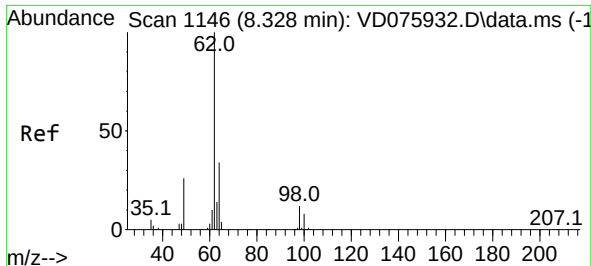
Tgt Ion: 84 Resp: 5187
Ion Ratio Lower Upper
84 100
86 54.5 45.8 85.2
49 82.4 60.8 112.8



#22
2-Butanone
Concen: 3.465 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.006 min
Lab File: VD075937.D
Acq: 01 May 2023 14:01

Tgt Ion: 43 Resp: 674
Ion Ratio Lower Upper
43 100
72 70.8 20.5 61.5#

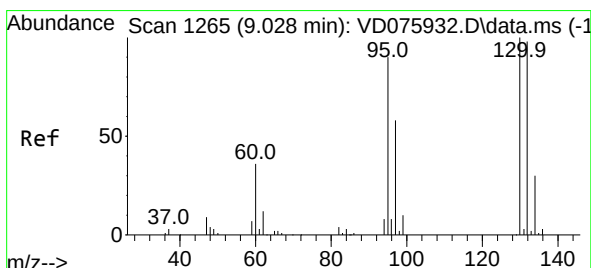
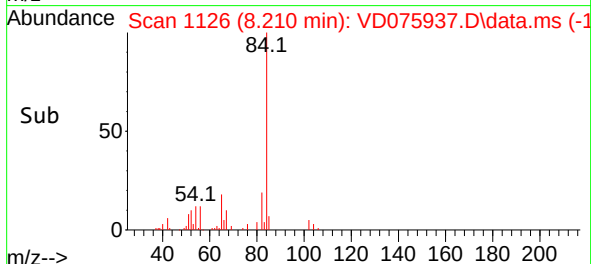
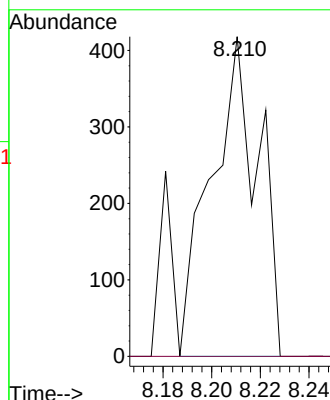
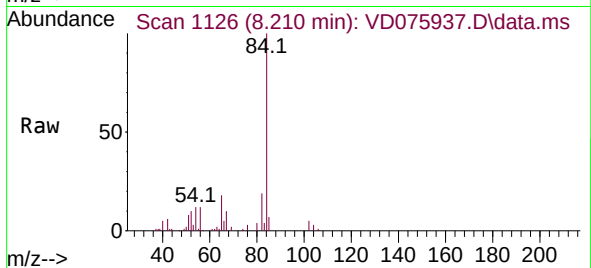




#27
1,2-Dichloroethane
Concen: 0.496 ug/L
RT: 8.210 min Scan# 1146
Delta R.T. -0.118 min
Lab File: VD075937.D
Acq: 01 May 2023 14:01

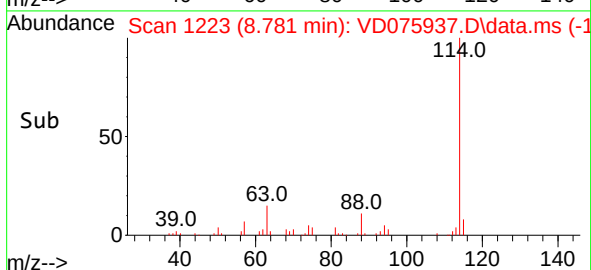
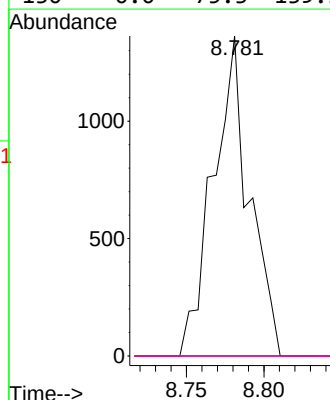
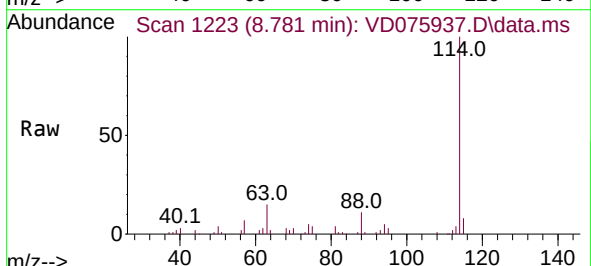
Instrument :
MSVOA_D
ClientSampleId :

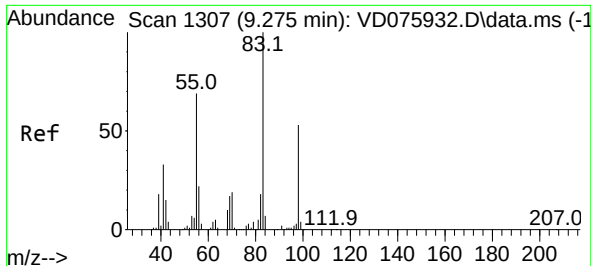
Tgt Ion: 62 Resp: 567
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#



#34
Trichloroethene
Concen: 1.294 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD075937.D
Acq: 01 May 2023 14:01

Tgt Ion: 95 Resp: 2215
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#

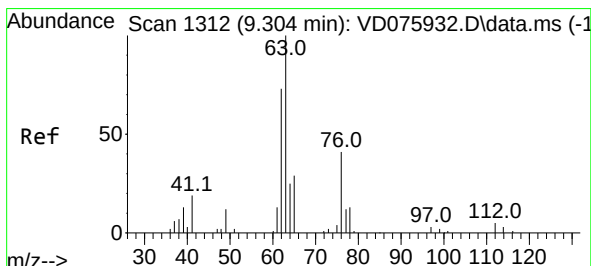
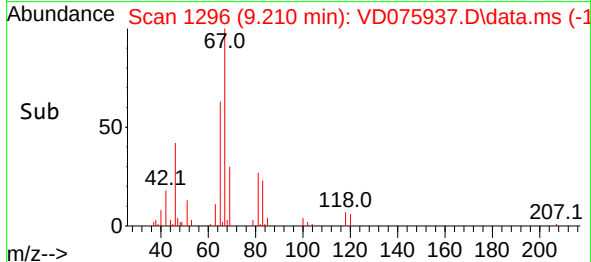
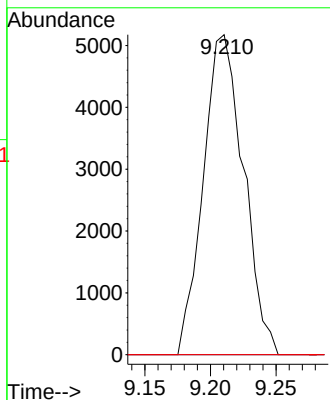
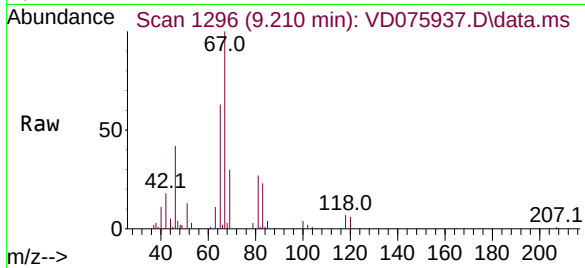




#35
Methylcyclohexane
Concen: 4.188 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD075937.D
Acq: 01 May 2023 14:01

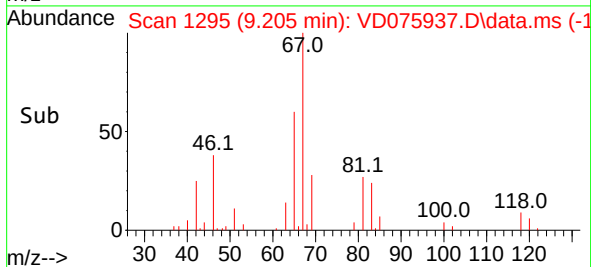
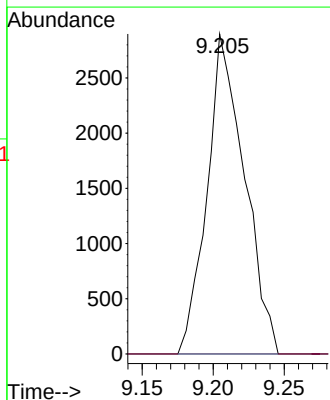
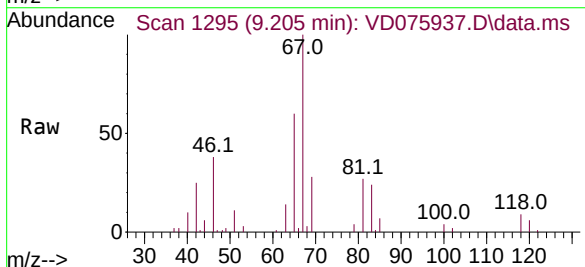
Instrument :
MSVOA_D
ClientSampleId :

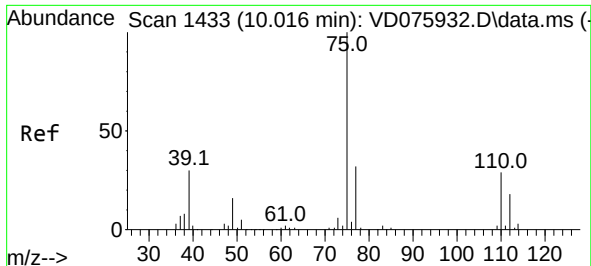
Tgt Ion: 83 Resp: 11057
Ion Ratio Lower Upper
83 100
55 0.0 48.2 72.2#
98 0.0 40.8 61.2#



#37
1,2-Dichloropropane
Concen: 3.484 ug/L
RT: 9.205 min Scan# 1295
Delta R.T. -0.100 min
Lab File: VD075937.D
Acq: 01 May 2023 14:01

Tgt Ion: 63 Resp: 5299
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#

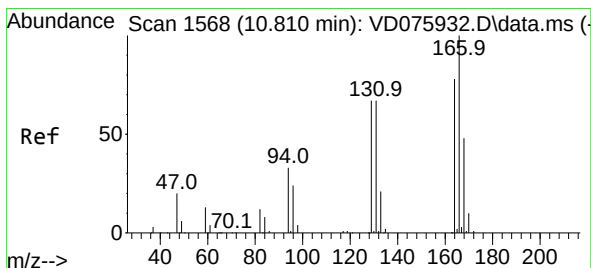
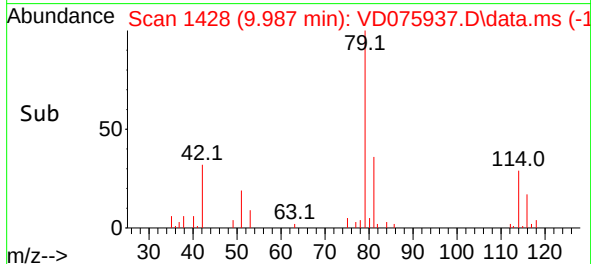
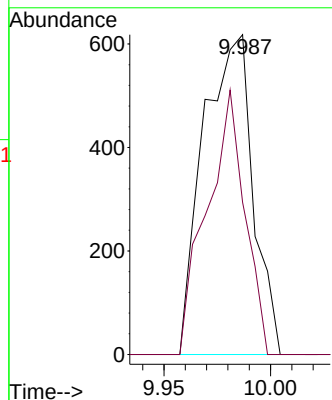
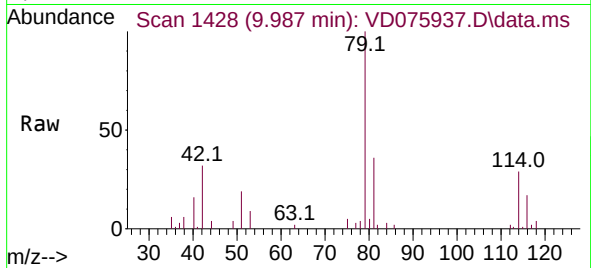




#39
cis-1,3-Dichloropropene
Concen: 0.413 ug/L
RT: 9.987 min Scan# 1433
Delta R.T. -0.029 min
Lab File: VD075937.D
Acq: 01 May 2023 14:01

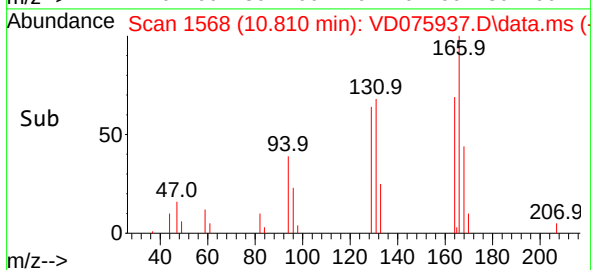
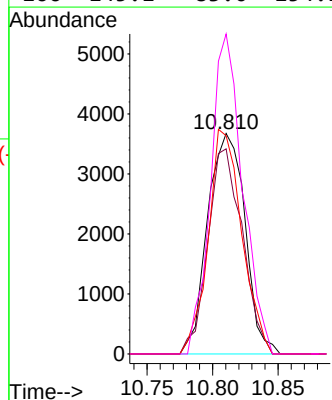
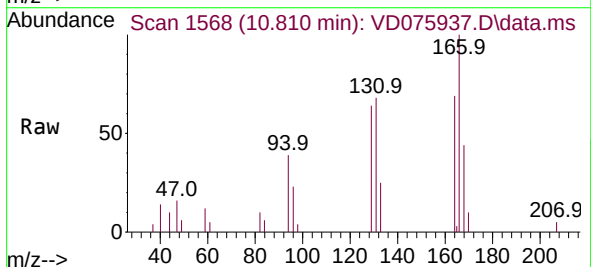
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MSVOA_D
ClientSampleId :

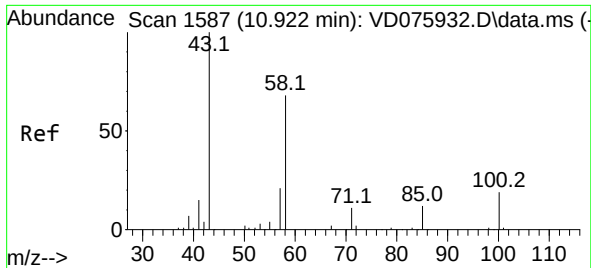
Tgt Ion: 75 Resp: 1000
Ion Ratio Lower Upper
75 100
77 47.6 23.4 43.6#



#46
Tetrachloroethene
Concen: 5.187 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD075937.D
Acq: 01 May 2023 14:01

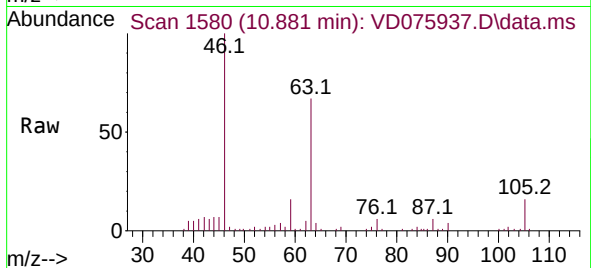
Tgt Ion: 164 Resp: 7284
Ion Ratio Lower Upper
164 100
129 93.0 60.3 112.1
131 99.0 58.9 109.3
166 145.1 83.0 154.1



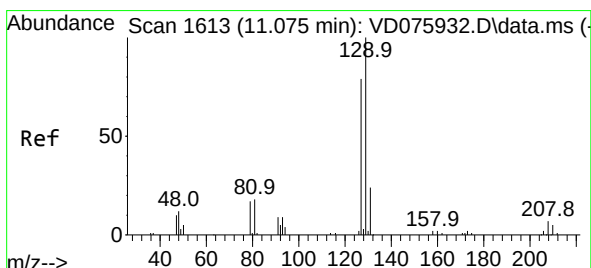
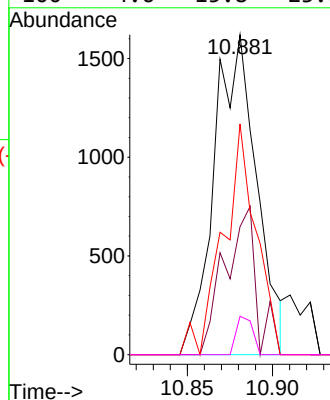
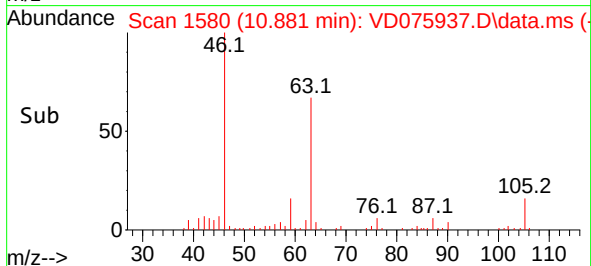


#48
2-Hexanone
Concen: 7.206 ug/L
RT: 10.881 min Scan# 1567
Delta R.T. -0.041 min
Lab File: VD075937.D
Acq: 01 May 2023 14:01

Instrument :
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ClientSampleId :

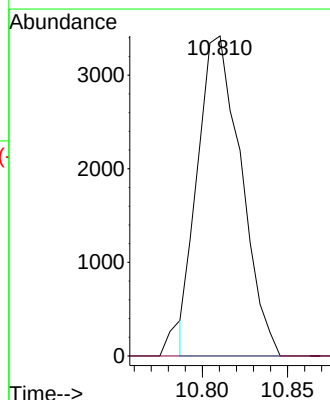
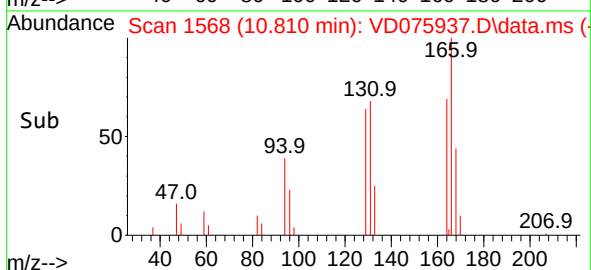
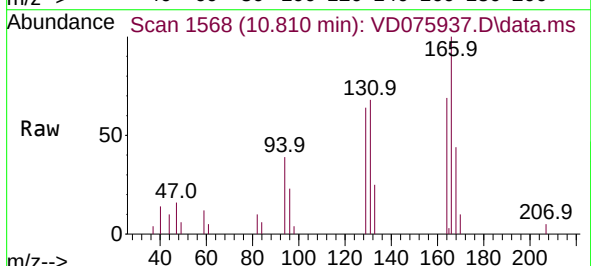


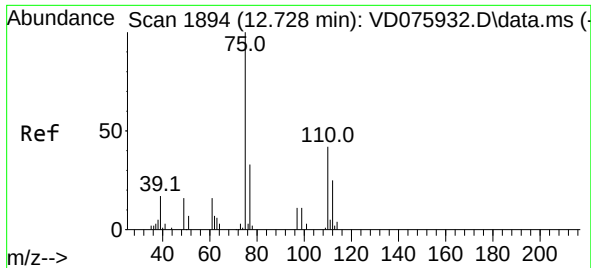
Tgt Ion: 43 Resp: 2817
Ion Ratio Lower Upper
43 100
58 30.9 59.7 89.5#
57 53.6 17.9 26.9#
100 4.6 15.8 23.6#



#49
Dibromochloromethane
Concen: 4.283 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.265 min
Lab File: VD075937.D
Acq: 01 May 2023 14:01

Tgt Ion: 129 Resp: 6033
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#61

1,2,3-Trichloropropane

Concen: 6.517 ug/L

RT: 13.522 min Scan# 20

Delta R.T. 0.794 min

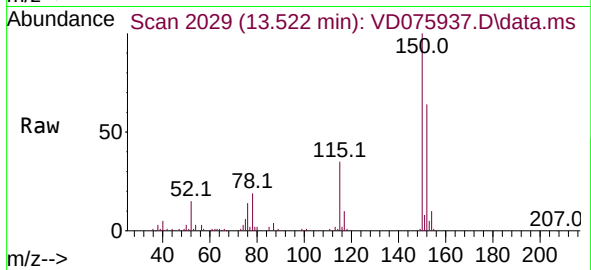
Lab File: VD075937.D

Acq: 01 May 2023 14:01

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75 Resp: 5477

Ion Ratio Lower Upper

75 100

77 29.9 26.6 39.8

110 0.0 33.5 50.3#

