

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081023\
 Data File : VD076967.D
 Acq On : 10 Aug 2023 17:25
 Operator : JC/SY
 Sample : 03965-11
 Misc : 4.45G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 11 03:06:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 11 02:51:25 2023
 Response via : Initial Calibration

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

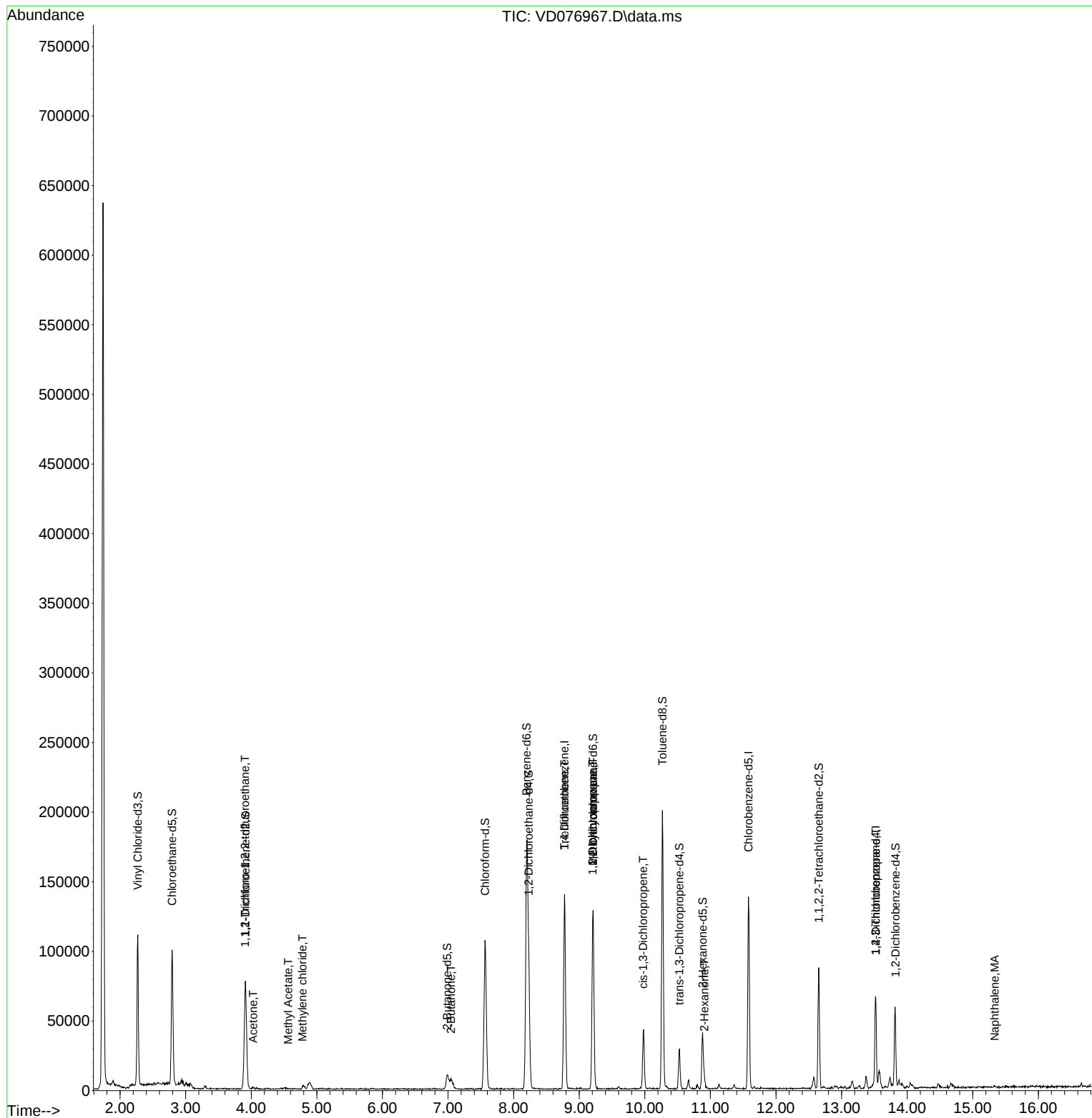
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	124878	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	84090	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	19588	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	96702	28.158	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	112.640%
7) Chloroethane-d5	2.793	69	96686	30.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.800%
11) 1,1-Dichloroethene-d2	3.911	65	20448	25.129	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.520%
21) 2-Butanone-d5	6.987	46	17306	31.387	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.780%
24) Chloroform-d	7.563	84	108738	26.740	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.960%
26) 1,2-Dichloroethane-d4	8.228	65	59203	29.206	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.840%
32) Benzene-d6	8.199	84	197965	37.444	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	149.760%#
36) 1,2-Dichloropropane-d6	9.210	67	66117	40.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	162.680%#
41) Toluene-d8	10.269	98	140858	29.059	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.240%
43) trans-1,3-Dichloroprop...	10.528	79	16765	22.812	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.240%
47) 2-Hexanone-d5	10.881	63	13135	42.302	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.600%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	43191	27.497	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	13.822	152	15899	22.201	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	644	0.311	ug/L #	20
13) Acetone	4.028	43	1742	3.090	ug/L	81
15) Methyl Acetate	4.564	43	508	0.533	ug/L #	53
16) Methylene chloride	4.781	84	1855	0.708	ug/L #	62
22) 2-Butanone	7.046	43	10353	13.124	ug/L #	52
34) Trichloroethene	8.775	95	3369	2.347	ug/L #	4
35) Methylcyclohexane	9.210	83	16253	6.943	ug/L #	19
37) 1,2-Dichloropropane	9.204	63	6834	4.881	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	1262	0.558	ug/L	95
48) 2-Hexanone	10.910	43	5015	7.392	ug/L #	42
61) 1,2,3-Trichloropropane	13.522	75	2212	4.838	ug/L #	61
71) Naphthalene	15.334	128	1001	0.602	ug/L #	69

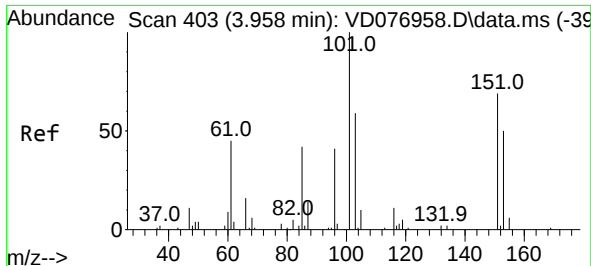
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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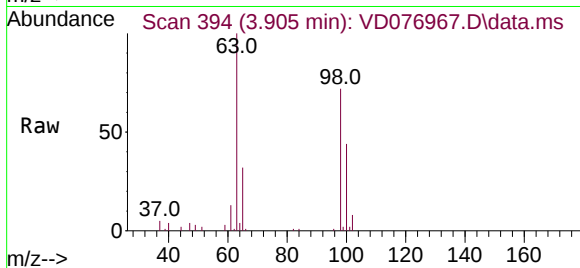
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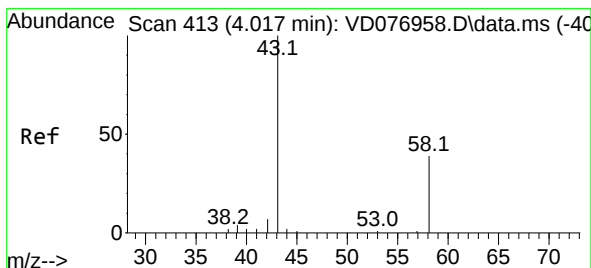
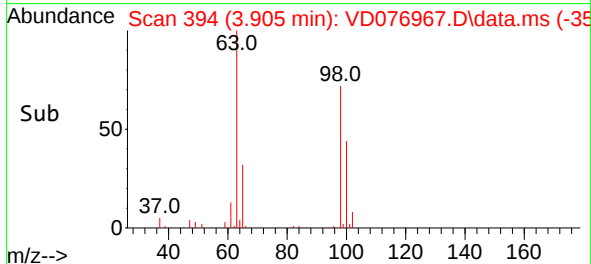
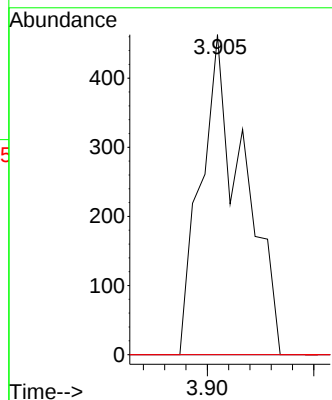


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.311 ug/L
 RT: 3.905 min Scan# 394
 Delta R.T. -0.053 min
 Lab File: VD076967.D
 Acq: 10 Aug 2023 17:25

Instrument :
 MSVOA_D
 ClientSampleId :

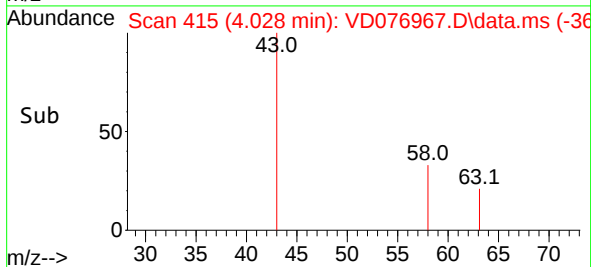
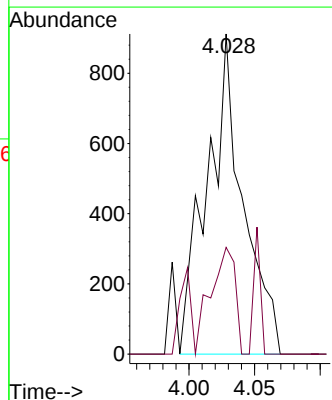
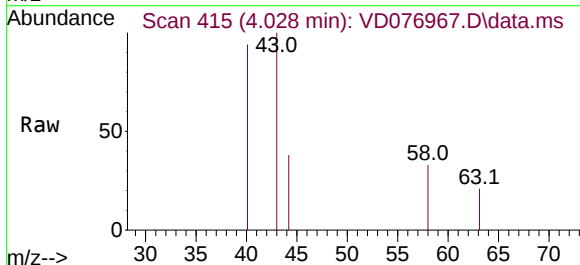


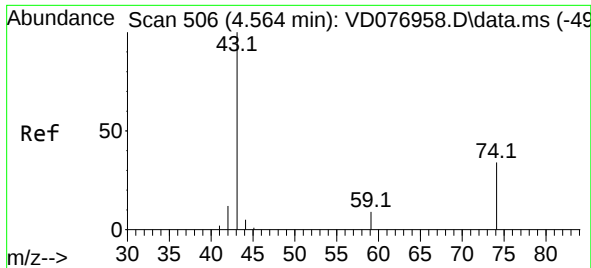
Tgt Ion:101 Resp: 644
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.5 53.3#
 151 0.0 58.6 87.8#



#13
 Acetone
 Concen: 3.090 ug/L
 RT: 4.028 min Scan# 415
 Delta R.T. 0.012 min
 Lab File: VD076967.D
 Acq: 10 Aug 2023 17:25

Tgt Ion: 43 Resp: 1742
 Ion Ratio Lower Upper
 43 100
 58 22.7 0.0 67.4

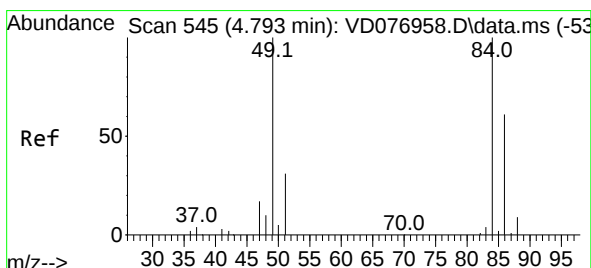
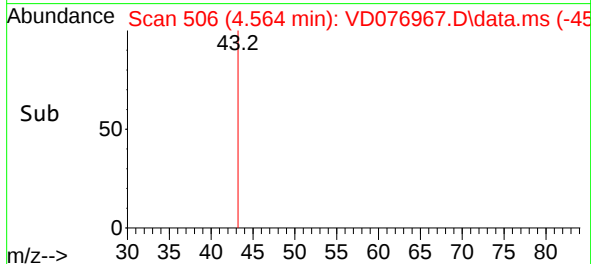
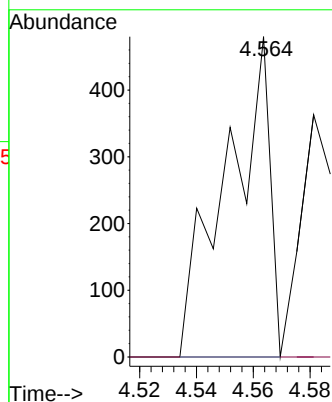
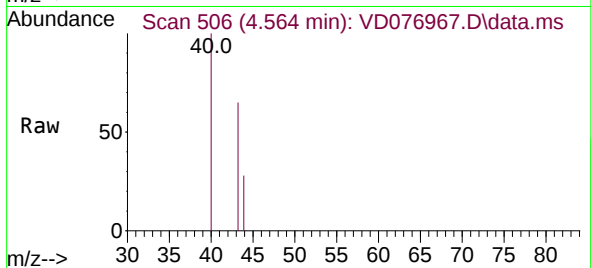




#15
Methyl Acetate
Concen: 0.533 ug/L
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD076967.D
Acq: 10 Aug 2023 17:25

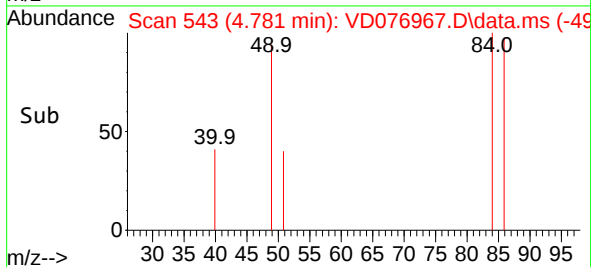
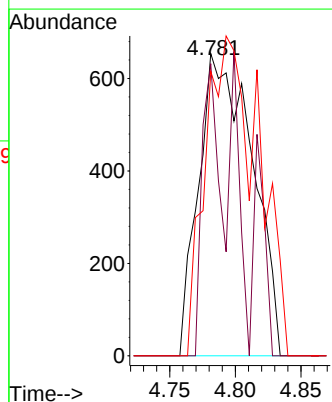
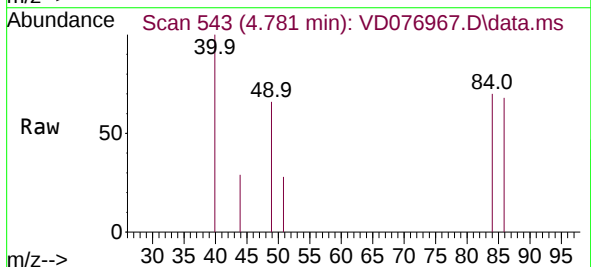
Instrument :
MSVOA_D
ClientSampleId :

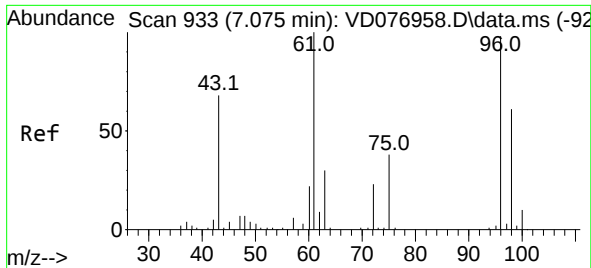
Tgt Ion: 43 Resp: 508
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#



#16
Methylene chloride
Concen: 0.708 ug/L
RT: 4.781 min Scan# 543
Delta R.T. -0.012 min
Lab File: VD076967.D
Acq: 10 Aug 2023 17:25

Tgt Ion: 84 Resp: 1855
Ion Ratio Lower Upper
84 100
86 96.6 45.1 83.9#
49 94.0 97.2 180.6#

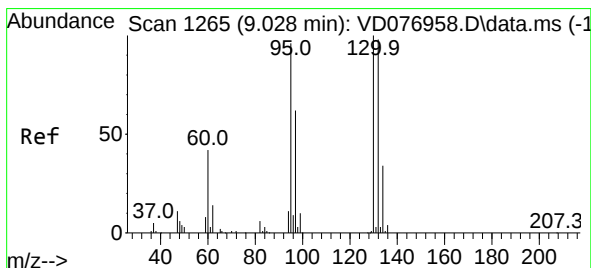
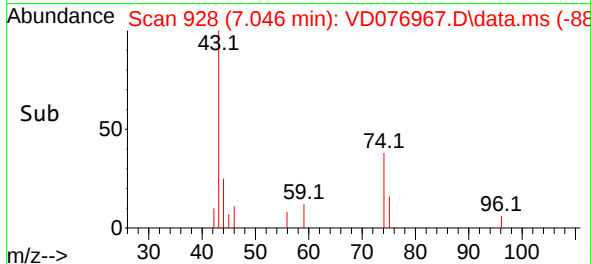
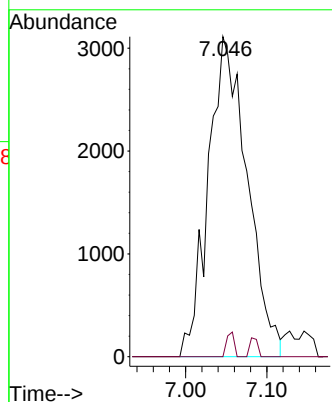
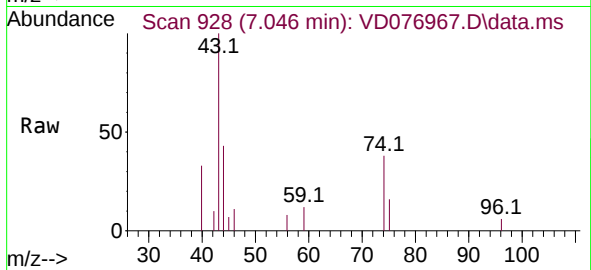




#22
2-Butanone
Concen: 13.124 ug/L
RT: 7.046 min Scan# 91
Delta R.T. -0.029 min
Lab File: VD076967.D
Acq: 10 Aug 2023 17:25

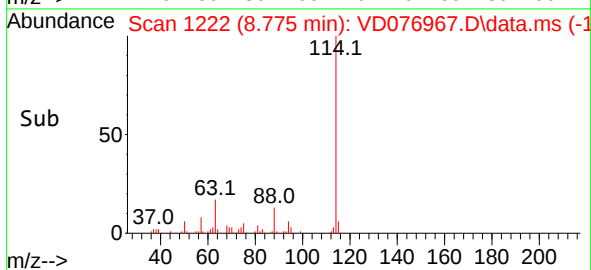
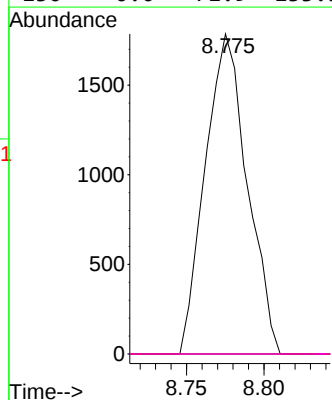
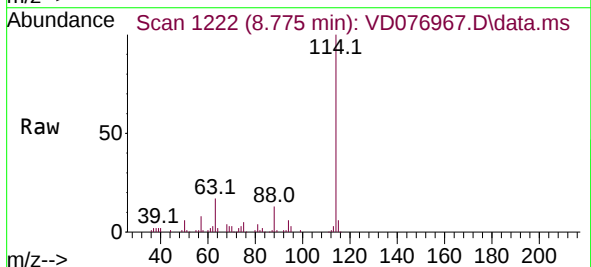
Instrument :
MSVOA_D
ClientSampleId :

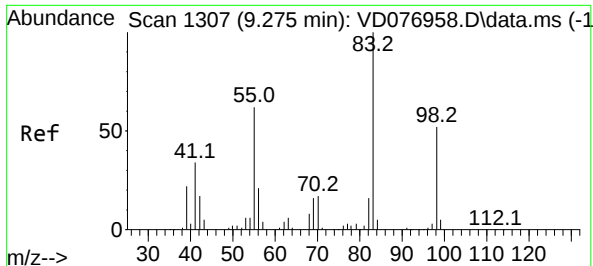
Tgt Ion: 43 Resp: 10353
Ion Ratio Lower Upper
43 100
72 1.5 12.9 38.7#



#34
Trichloroethene
Concen: 2.347 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076967.D
Acq: 10 Aug 2023 17:25

Tgt Ion: 95 Resp: 3369
Ion Ratio Lower Upper
95 100
97 0.0 43.1 80.1#
132 0.0 71.8 133.4#
130 0.0 71.9 133.5#

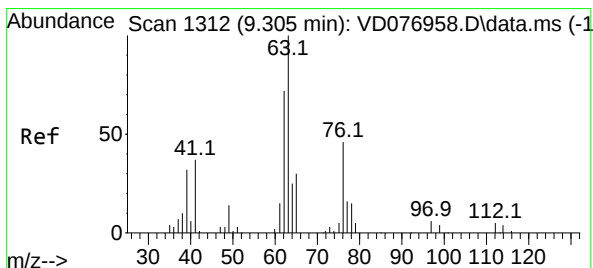
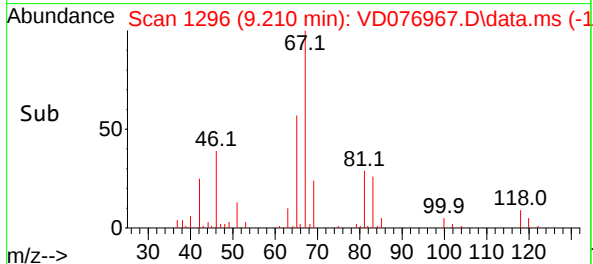
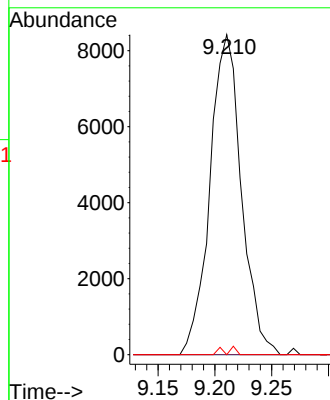
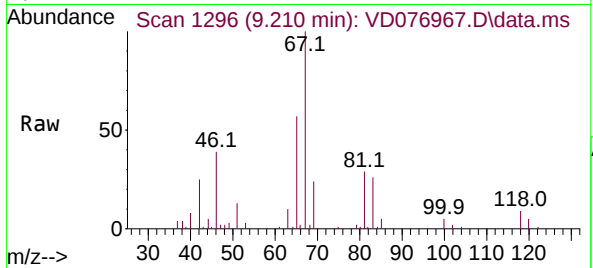




#35
Methylcyclohexane
Concen: 6.943 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD076967.D
Acq: 10 Aug 2023 17:25

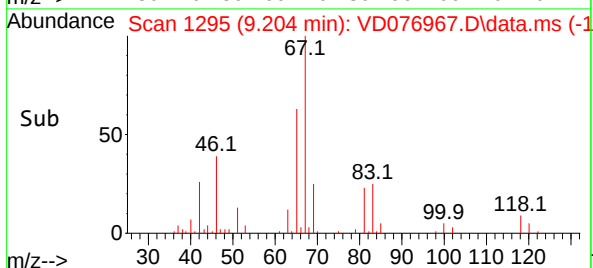
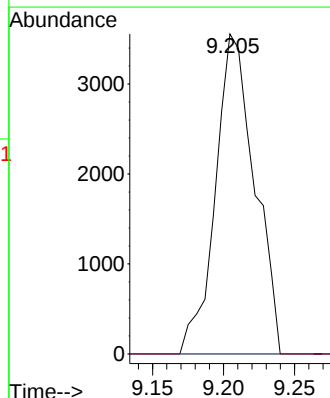
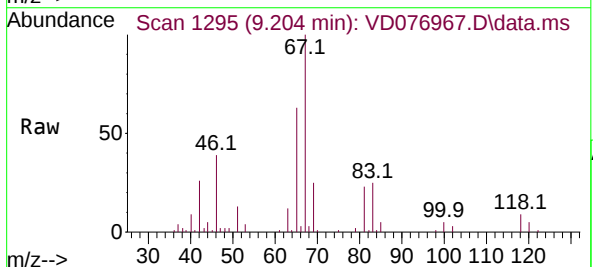
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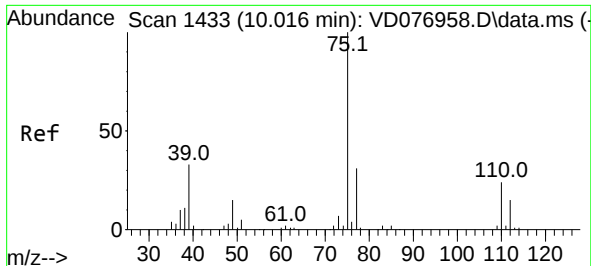
Tgt Ion: 83 Resp: 16253
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 0.5 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 4.881 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.100 min
Lab File: VD076967.D
Acq: 10 Aug 2023 17:25

Tgt Ion: 63 Resp: 6834
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.558 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD076967.D

Acq: 10 Aug 2023 17:25

Instrument :

MSVOA_D

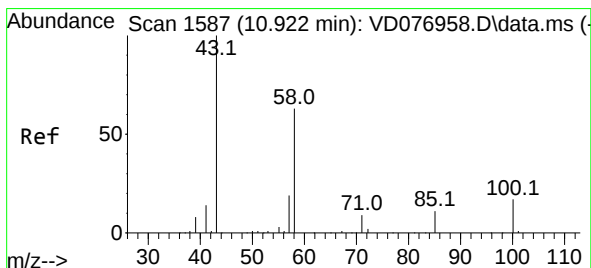
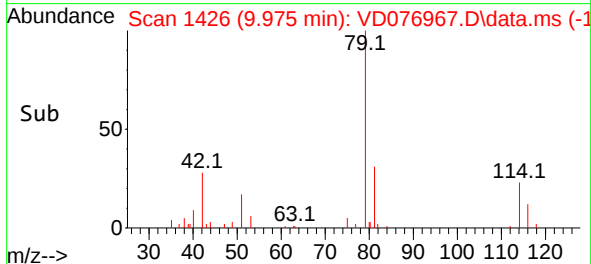
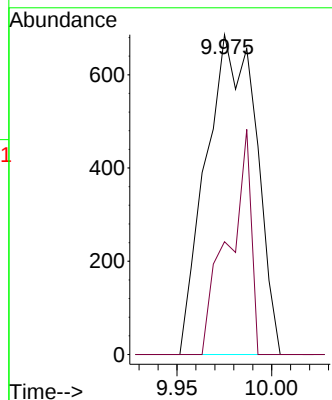
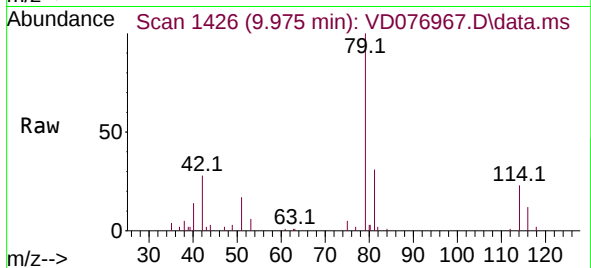
ClientSampleId :

Tgt Ion: 75 Resp: 1262

Ion Ratio Lower Upper

75 100

77 35.3 22.7 42.3



#48

2-Hexanone

Concen: 7.392 ug/L

RT: 10.910 min Scan# 1585

Delta R.T. -0.012 min

Lab File: VD076967.D

Acq: 10 Aug 2023 17:25

Tgt Ion: 43 Resp: 5015

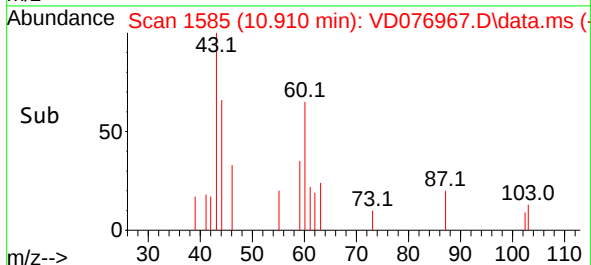
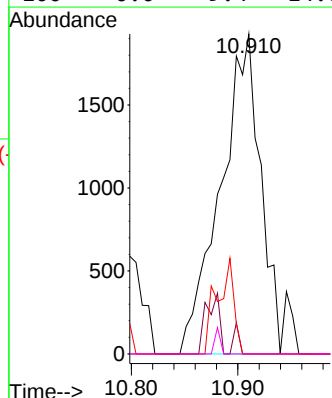
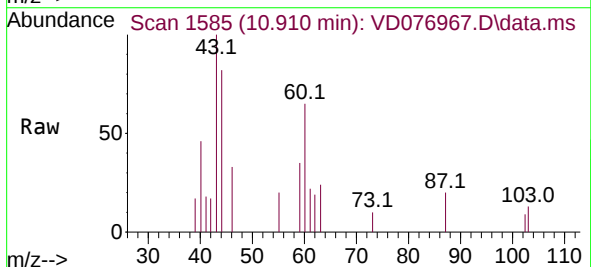
Ion Ratio Lower Upper

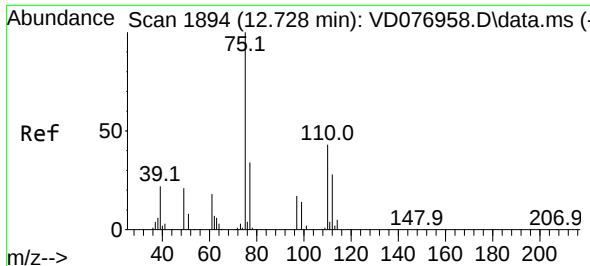
43 100

58 0.0 42.9 64.3#

57 7.7 13.7 20.5#

100 0.0 9.4 14.0#

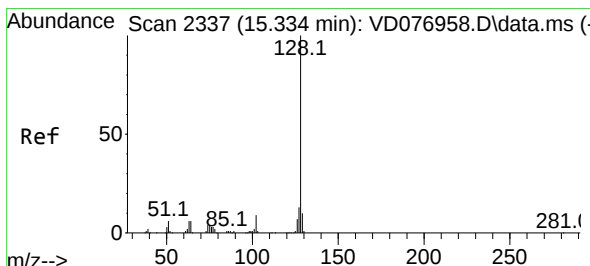
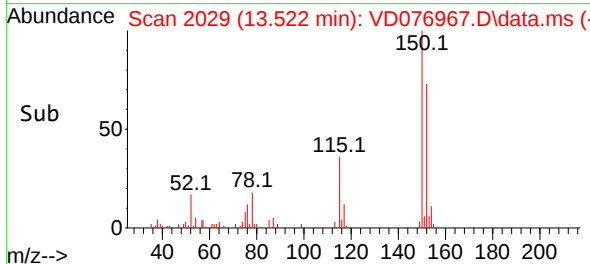
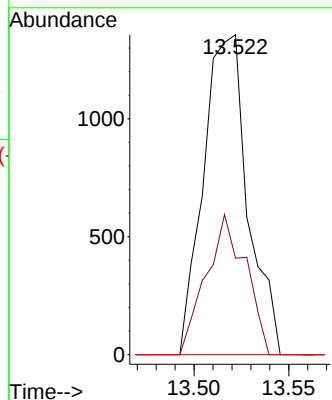
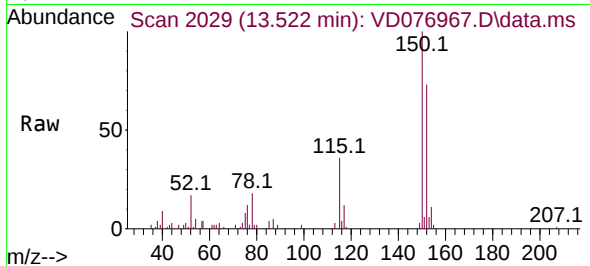




#61
1,2,3-Trichloropropane
Concen: 4.838 ug/L
RT: 13.522 min Scan# 20
Delta R.T. 0.794 min
Lab File: VD076967.D
Acq: 10 Aug 2023 17:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75	Resp:	2212
Ion Ratio	Lower	Upper
75	100	
77	39.0	27.2 40.8
110	0.0	31.8 47.6#



#71
Naphthalene
Concen: 0.602 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076967.D
Acq: 10 Aug 2023 17:25

Tgt Ion: 128	Resp:	1001
Ion Ratio	Lower	Upper
128	100	
127	0.0	10.8 16.2#
129	0.0	8.6 12.8#

