

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075846.D
 Acq On : 26 Apr 2023 20:35
 Operator : KP/SY
 Sample : 02447-20
 Misc : 5.84G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW938

Quant Time: Apr 27 02:06:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 27 02:02:18 2023
 Response via : Initial Calibration

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

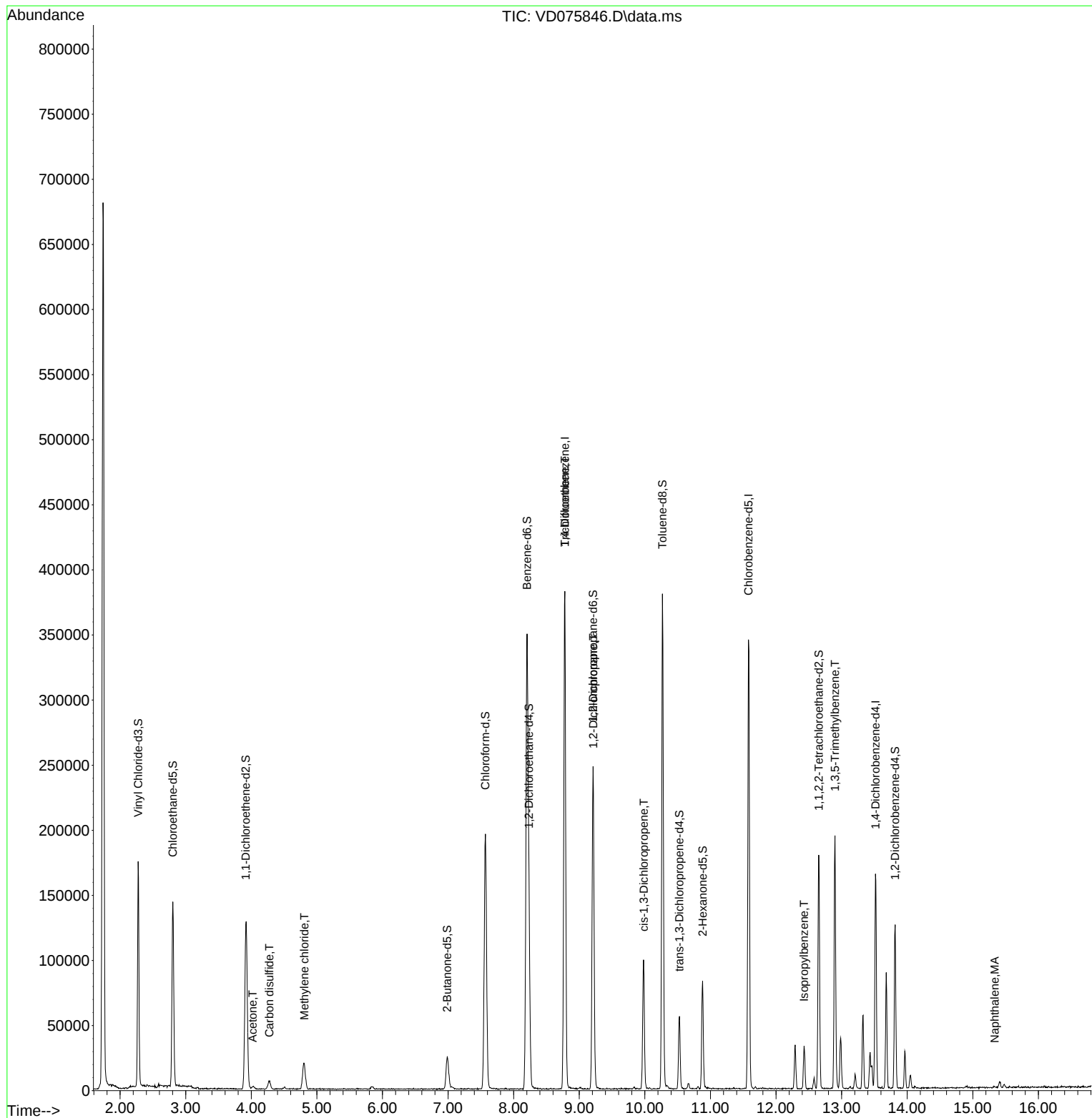
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	378713	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	227343	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	46525	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	163476	19.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.720%
7) Chloroethane-d5	2.805	69	156535	21.807	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.240%
11) 1,1-Dichloroethene-d2	3.916	65	35053	18.301	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.200%
21) 2-Butanone-d5	6.987	46	40975	56.812	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.620%
24) Chloroform-d	7.569	84	216873	22.900	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	8.234	65	95501	23.614	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.440%
32) Benzene-d6	8.204	84	408020	30.793	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.160%
36) 1,2-Dichloropropane-d6	9.210	67	132416	36.104	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	144.400%#
41) Toluene-d8	10.269	98	275595	22.216	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.880%
43) trans-1,3-Dichloroprop...	10.528	79	34318	22.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.560%
47) 2-Hexanone-d5	10.881	63	30068	68.088	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.180%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	96540	34.398	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	137.600%#
66) 1,2-Dichlorobenzene-d4	13.816	152	37572	22.831	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.320%
Target Compounds						Qvalue
13) Acetone	4.022	43	1550	2.511	ug/L	56
14) Carbon disulfide	4.275	76	13661	0.785	ug/L #	94
16) Methylene chloride	4.811	84	18880	2.457	ug/L	95
34) Trichloroethene	8.781	95	9190	2.584	ug/L #	2
37) 1,2-Dichloropropane	9.216	63	13620	4.312	ug/L #	85
39) cis-1,3-Dichloropropene	9.987	75	2522	0.502	ug/L #	65
60) Isopropylbenzene	12.428	105	2113	0.343	ug/L #	1
62) 1,3,5-Trimethylbenzene	12.898	105	3847	0.836	ug/L #	56
71) Naphthalene	15.333	128	1247	0.416	ug/L #	69

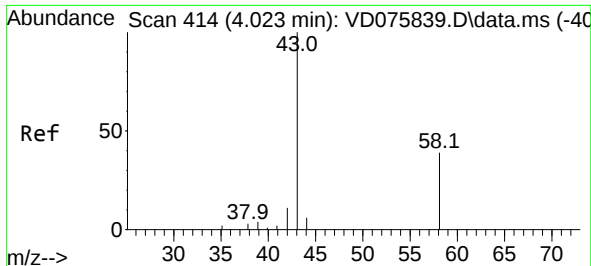
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Apr 27 02:02:18 2023
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#13

Acetone

Concen: 2.511 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD075846.D

Acq: 26 Apr 2023 20:35

Instrument :

MSVOA_D

ClientSampleId :

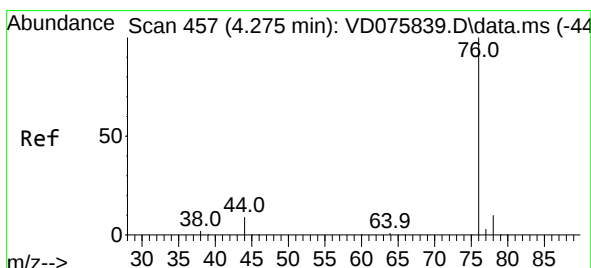
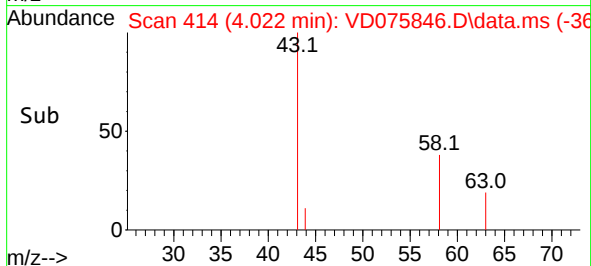
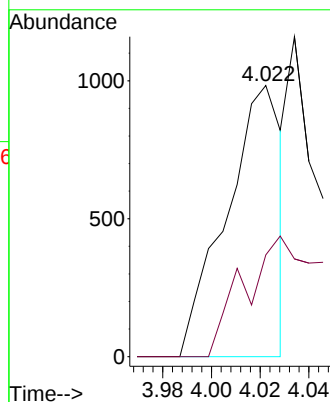
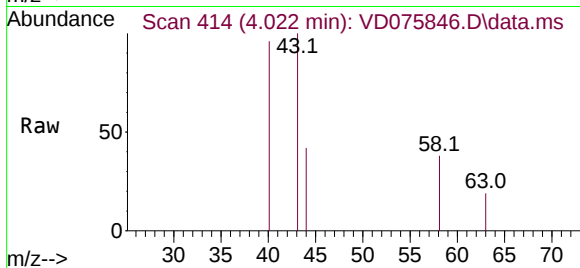
EW938

Tgt Ion: 43 Resp: 1550

Ion Ratio Lower Upper

43 100

58 15.1 0.0 87.4



#14

Carbon disulfide

Concen: 0.785 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD075846.D

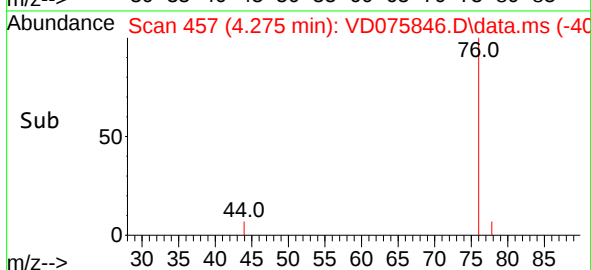
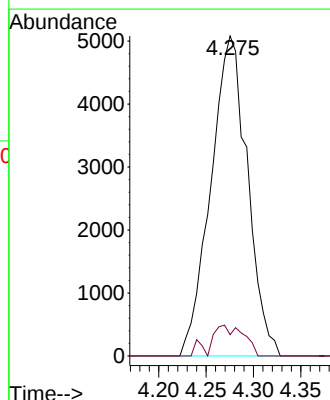
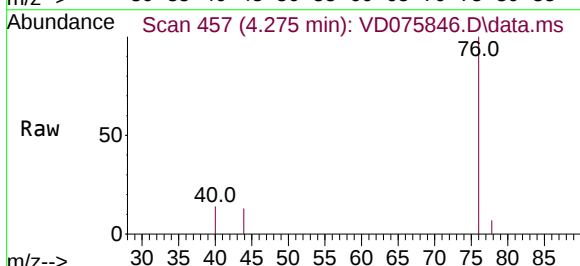
Acq: 26 Apr 2023 20:35

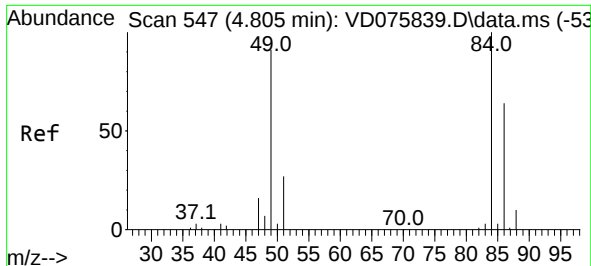
Tgt Ion: 76 Resp: 13661

Ion Ratio Lower Upper

76 100

78 6.7 7.0 10.6#

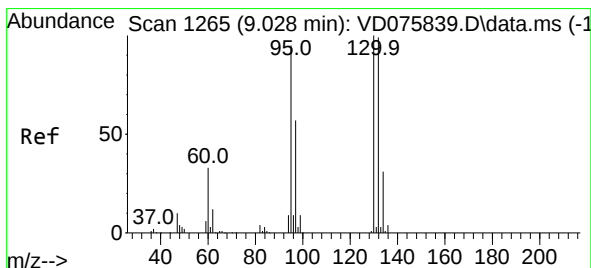
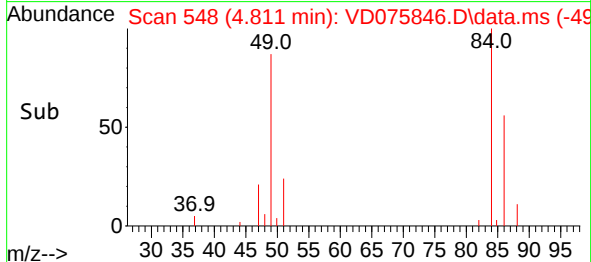
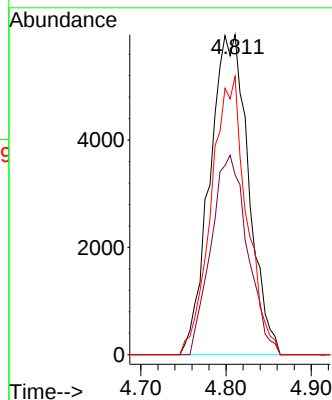
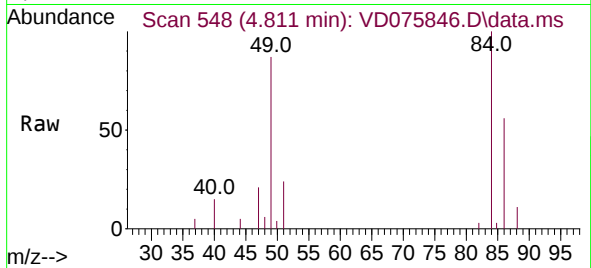




#16
Methylene chloride
Concen: 2.457 ug/L
RT: 4.811 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD075846.D
Acq: 26 Apr 2023 20:35

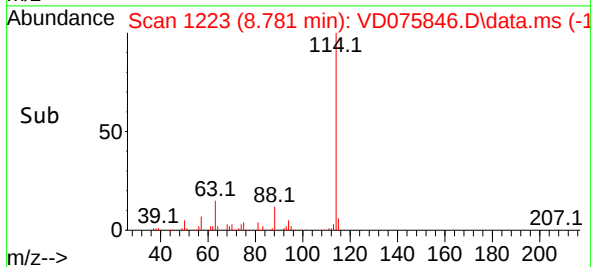
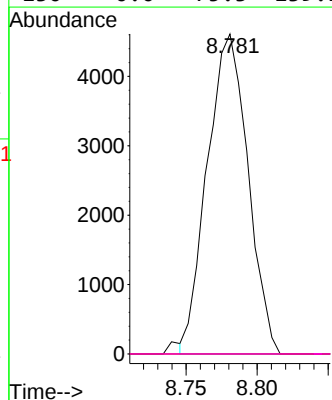
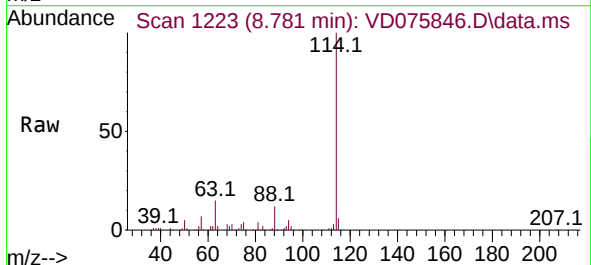
Instrument :
MSVOA_D
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EW938

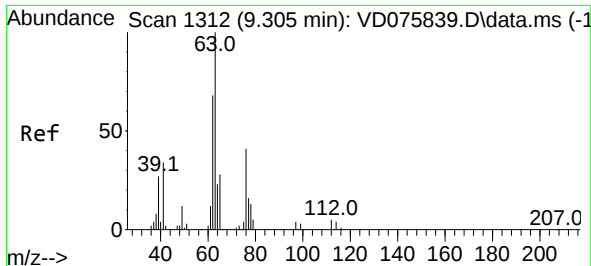
Tgt Ion: 84 Resp: 18880
Ion Ratio Lower Upper
84 100
86 56.2 45.8 85.2
49 87.0 60.8 112.8



#34
Trichloroethene
Concen: 2.584 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD075846.D
Acq: 26 Apr 2023 20:35

Tgt Ion: 95 Resp: 9190
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#

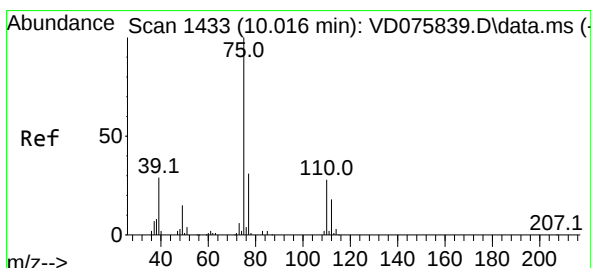
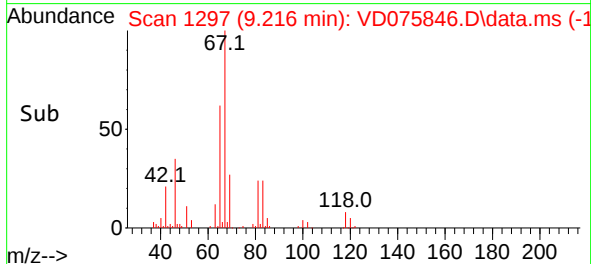
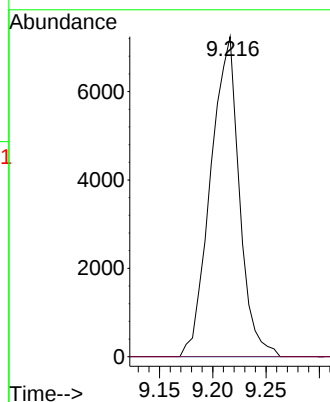
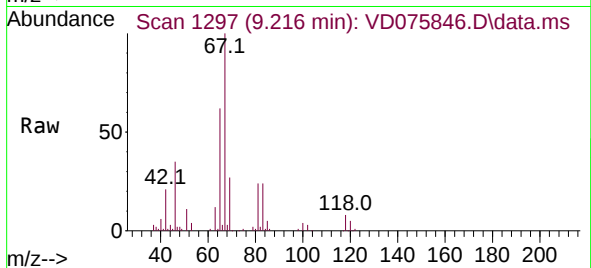




#37
1,2-Dichloropropane
Concen: 4.312 ug/L
RT: 9.216 min Scan# 11
Delta R.T. -0.088 min
Lab File: VD075846.D
Acq: 26 Apr 2023 20:35

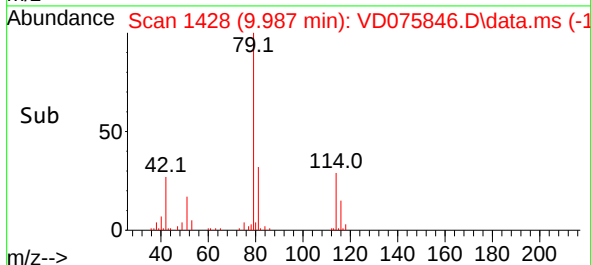
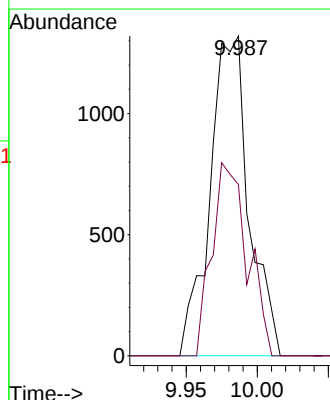
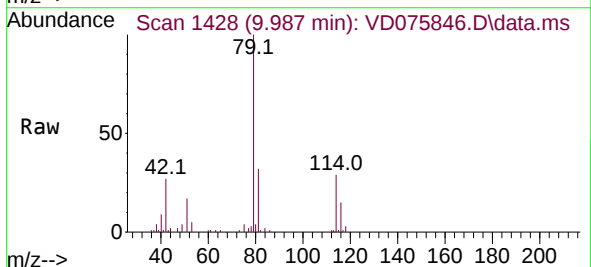
Instrument :
MSVOA_D
ClientSampleId :
EW938

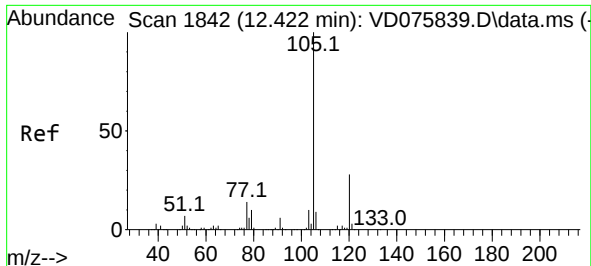
Tgt Ion: 63 Resp: 13620
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.502 ug/L
RT: 9.987 min Scan# 1428
Delta R.T. -0.030 min
Lab File: VD075846.D
Acq: 26 Apr 2023 20:35

Tgt Ion: 75 Resp: 2522
Ion Ratio Lower Upper
75 100
77 53.6 23.4 43.6#

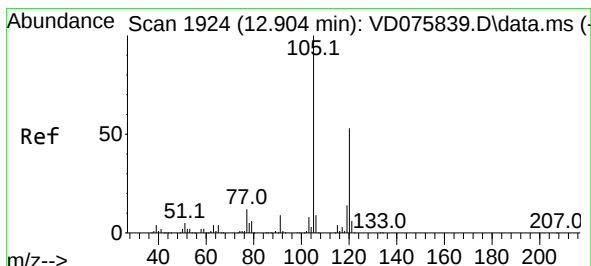
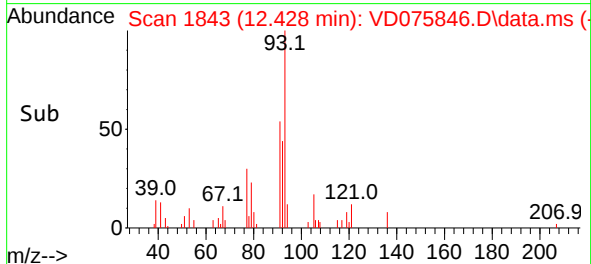
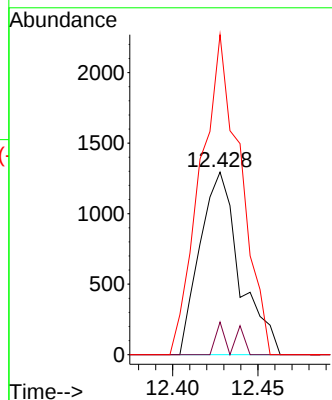
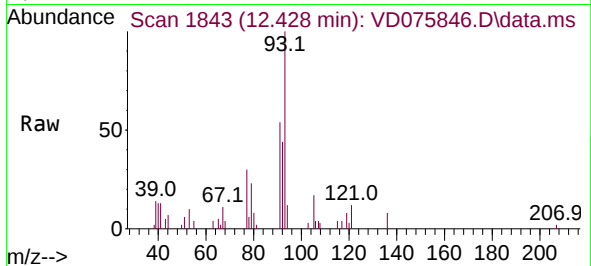




#60
Isopropylbenzene
Concen: 0.343 ug/L
RT: 12.428 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD075846.D
Acq: 26 Apr 2023 20:35

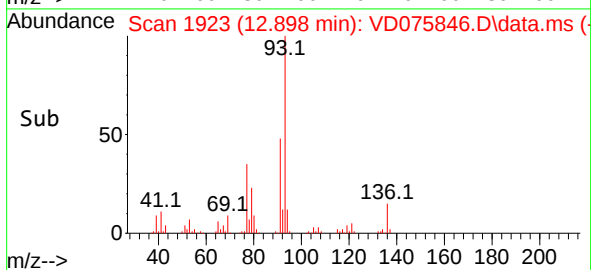
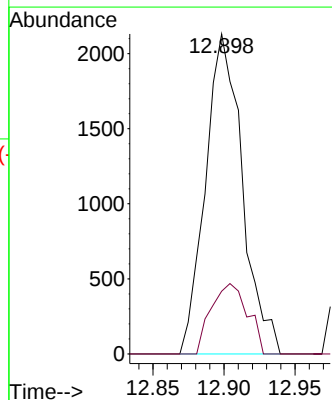
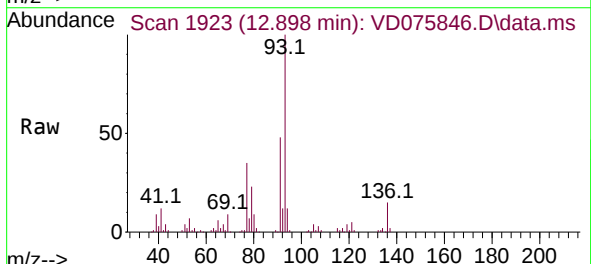
Instrument :
MSVOA_D
ClientSampleId :
EW938

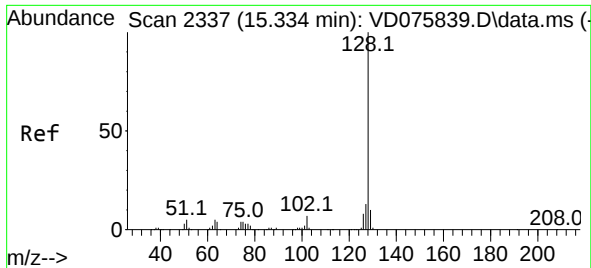
Tgt Ion:105 Resp: 2113
Ion Ratio Lower Upper
105 100
120 3.9 22.7 34.1#
77 175.2 10.9 16.3#



#62
1,3,5-Trimethylbenzene
Concen: 0.836 ug/L
RT: 12.898 min Scan# 1923
Delta R.T. -0.006 min
Lab File: VD075846.D
Acq: 26 Apr 2023 20:35

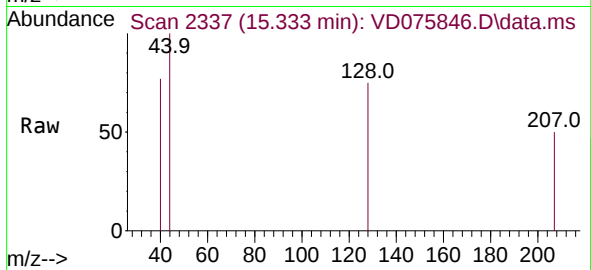
Tgt Ion:105 Resp: 3847
Ion Ratio Lower Upper
105 100
120 21.8 42.0 63.0#





#71
Naphthalene
Concen: 0.416 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075846.D
Acq: 26 Apr 2023 20:35

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:128 Resp: 1247
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 9.1 13.7#

