

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042623\
 Data File : VD075843.D
 Acq On : 26 Apr 2023 19:09
 Operator : KP/SY
 Sample : 02447-15
 Misc : 4.52G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW935

Quant Time: Apr 27 02:06:06 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)

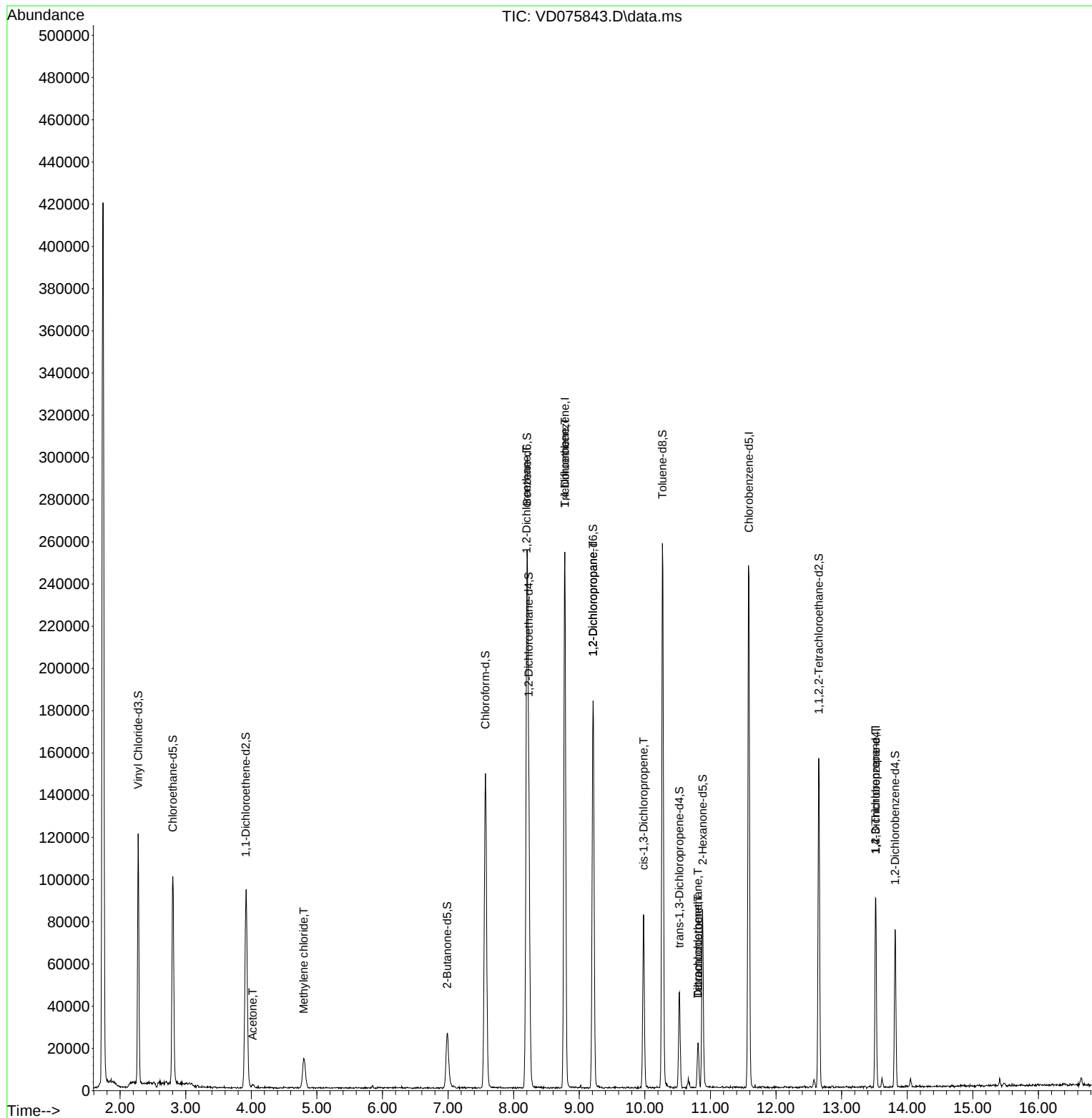
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	252776	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	163582	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	27342	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	111430	20.095	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.360%		
7) Chloroethane-d5	2.805	69	111572	23.287	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.160%		
11) 1,1-Dichloroethene-d2	3.916	65	26013	20.347	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	81.400%		
21) 2-Butanone-d5	6.987	46	44995	93.468	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	186.940%#		
24) Chloroform-d	7.569	84	163883	25.926	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	103.720%		
26) 1,2-Dichloroethane-d4	8.228	65	82138	30.429	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	121.720%		
32) Benzene-d6	8.204	84	293657	30.800	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	123.200%		
36) 1,2-Dichloropropane-d6	9.210	67	101125	38.320	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	153.280%#		
41) Toluene-d8	10.269	98	194560	21.797	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.200%		
43) trans-1,3-Dichloroprop...	10.528	79	27670	25.367	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	101.480%		
47) 2-Hexanone-d5	10.881	63	31020	97.623	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	195.240%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	83107	41.154	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	164.600%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	22796	23.571	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.280%		
Target Compounds					Qvalue	
13) Acetone	4.022	43	1275	3.095	ug/L	83
16) Methylene chloride	4.799	84	12845	2.505	ug/L	95
27) 1,2-Dichloroethane	8.198	62	1238	0.392	ug/L #	68
34) Trichloroethene	8.781	95	6314	2.467	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	9826	4.323	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	1650	0.456	ug/L #	67
46) Tetrachloroethene	10.810	164	5124	2.441	ug/L	85
49) Dibromochloromethane	10.810	129	5198	2.469	ug/L #	10
61) 1,2,3-Trichloropropane	13.516	75	2876	6.696	ug/L #	58

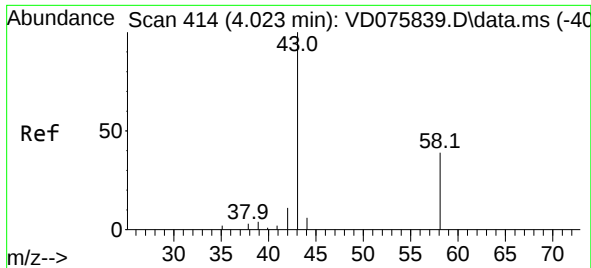
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Apr 27 02:02:18 2023
Response via : Initial Calibration





#13

Acetone

Concen: 3.095 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD075843.D

Acq: 26 Apr 2023 19:09

Instrument :

MSVOA_D

ClientSampleId :

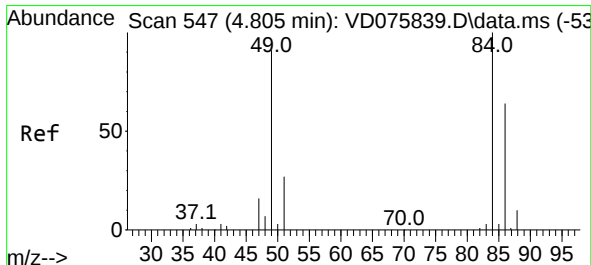
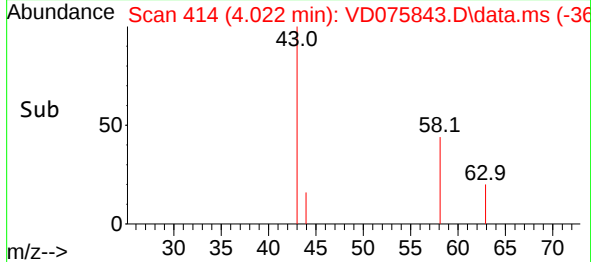
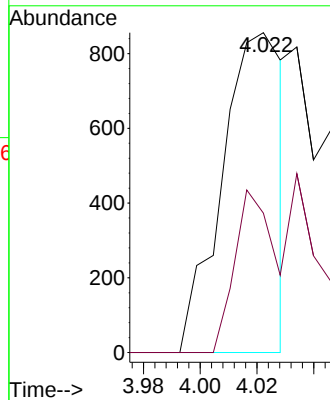
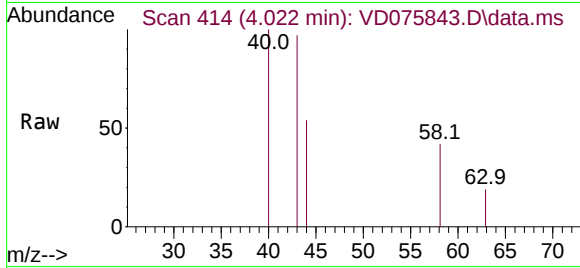
EW935

Tgt Ion: 43 Resp: 1275

Ion Ratio Lower Upper

43 100

58 32.9 0.0 87.4



#16

Methylene chloride

Concen: 2.505 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD075843.D

Acq: 26 Apr 2023 19:09

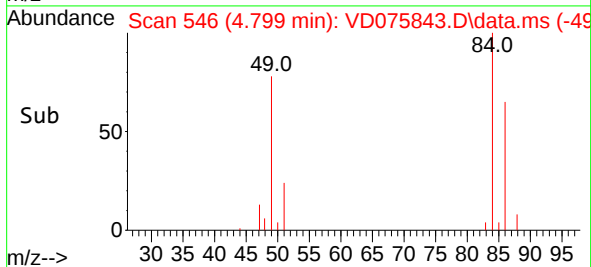
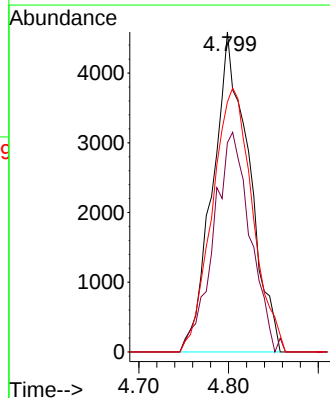
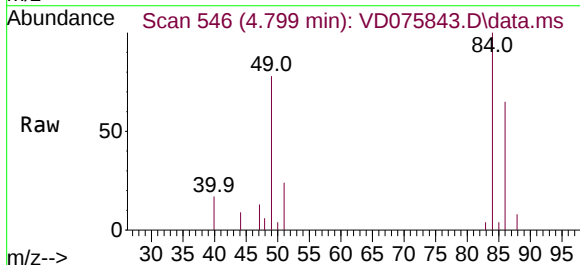
Tgt Ion: 84 Resp: 12845

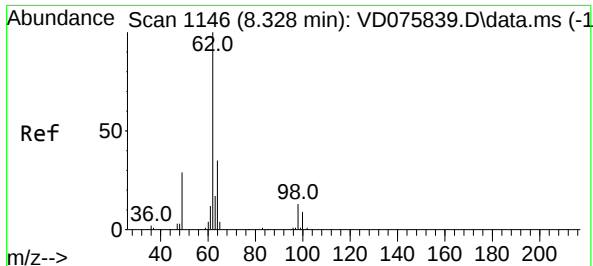
Ion Ratio Lower Upper

84 100

86 65.4 45.8 85.2

49 78.1 60.8 112.8





#27

1,2-Dichloroethane

Concen: 0.392 ug/L

RT: 8.198 min Scan# 1124

Delta R.T. -0.130 min

Lab File: VD075843.D

Acq: 26 Apr 2023 19:09

Instrument :

MSVOA_D

ClientSampleId :

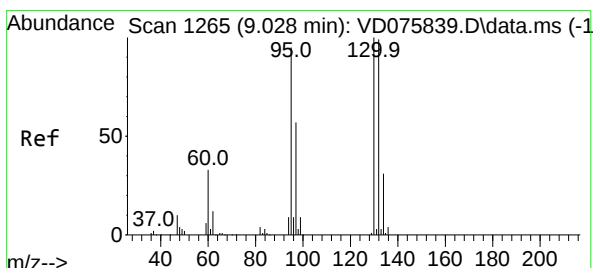
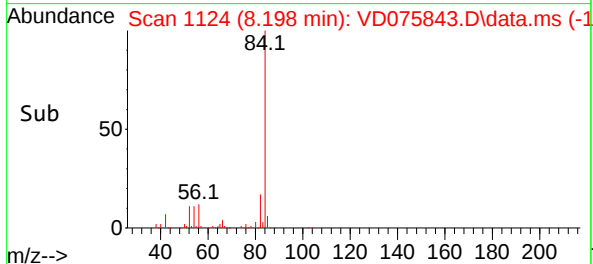
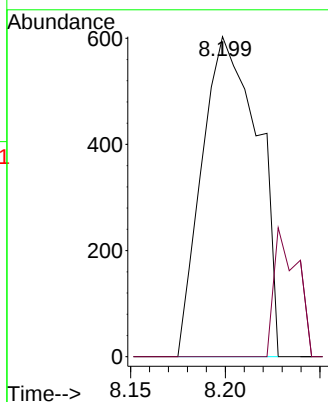
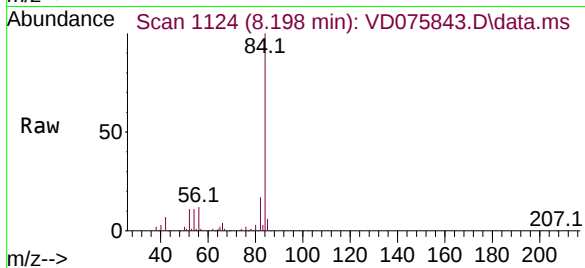
EW935

Tgt Ion: 62 Resp: 1238

Ion Ratio Lower Upper

62 100

98 0.0 10.2 15.2#



#34

Trichloroethene

Concen: 2.467 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD075843.D

Acq: 26 Apr 2023 19:09

Tgt Ion: 95 Resp: 6314

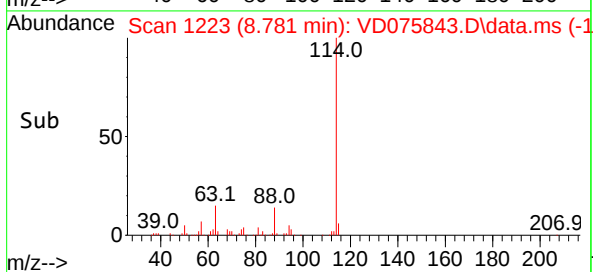
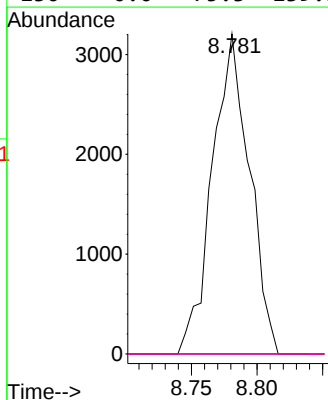
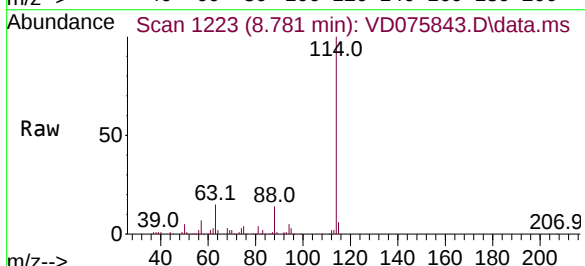
Ion Ratio Lower Upper

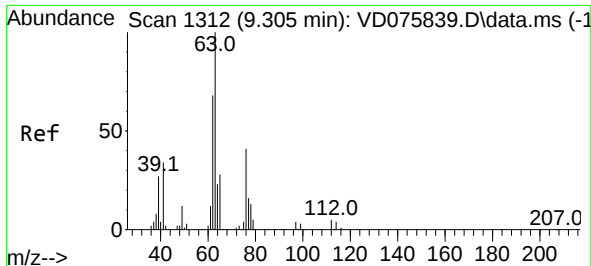
95 100

97 0.0 46.0 85.4#

132 0.0 73.3 136.1#

130 0.0 75.3 139.9#

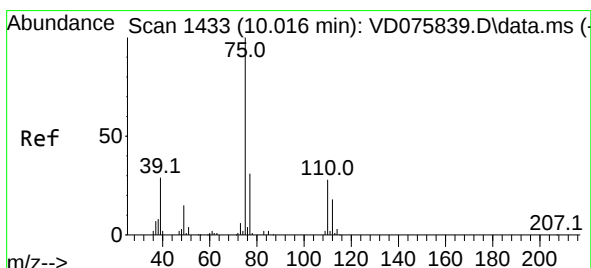
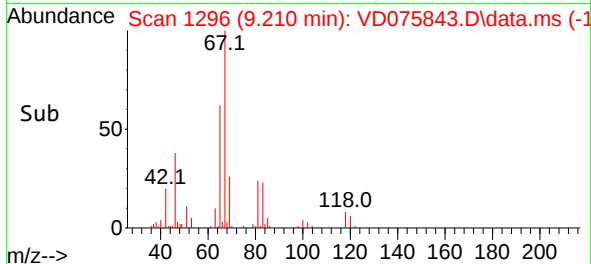
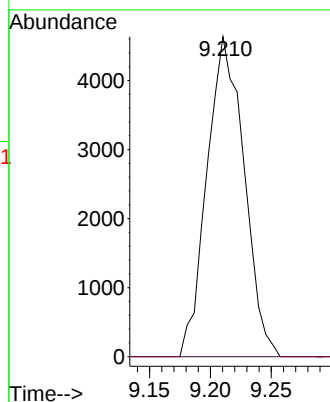
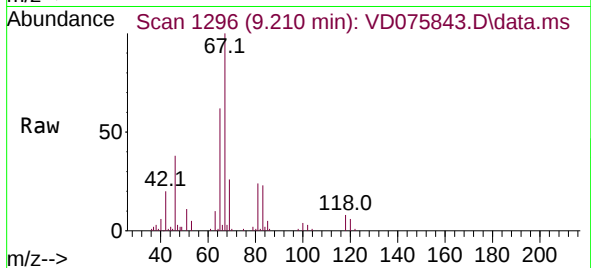




#37
1,2-Dichloropropane
Concen: 4.323 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD075843.D
Acq: 26 Apr 2023 19:09

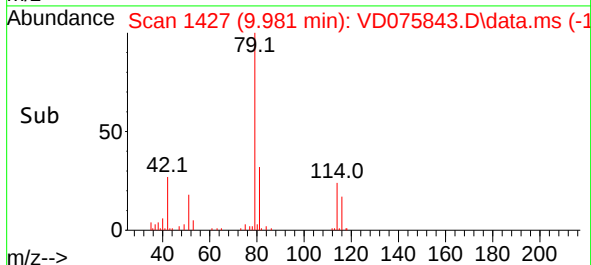
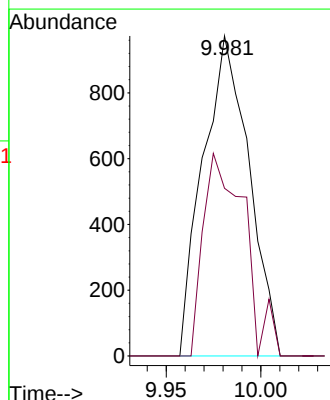
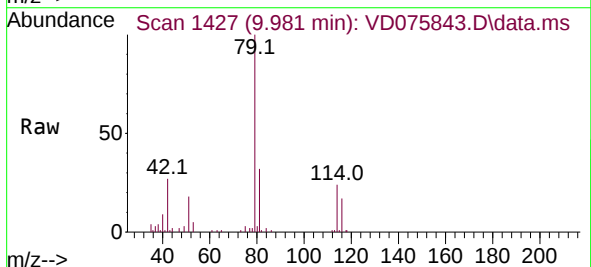
Instrument :
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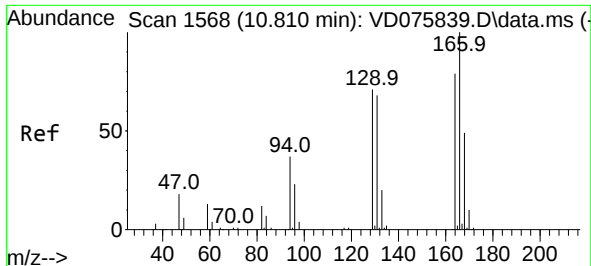
Tgt Ion: 63 Resp: 9826
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.456 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.036 min
Lab File: VD075843.D
Acq: 26 Apr 2023 19:09

Tgt Ion: 75 Resp: 1650
Ion Ratio Lower Upper
75 100
77 52.4 23.4 43.6#

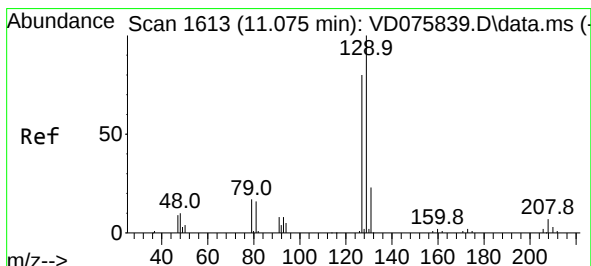
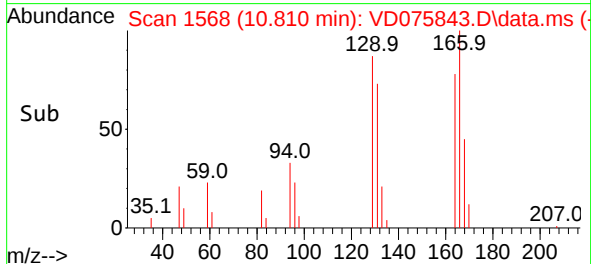
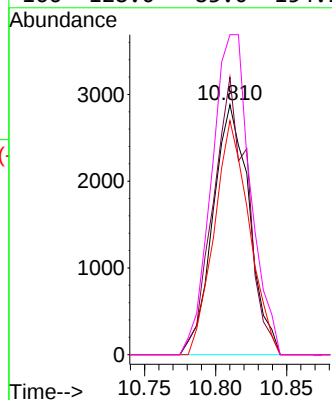
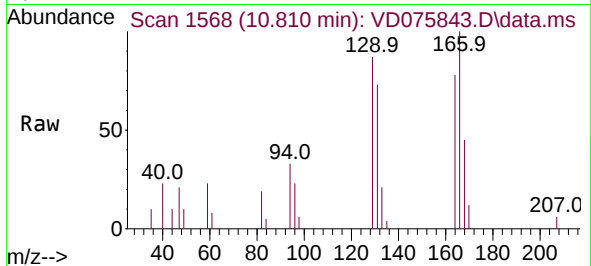




#46
Tetrachloroethene
Concen: 2.441 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075843.D
Acq: 26 Apr 2023 19:09

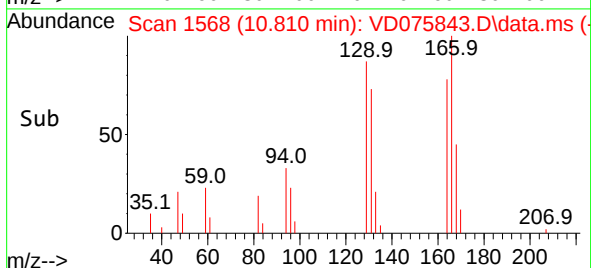
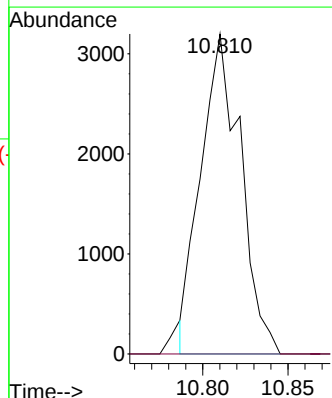
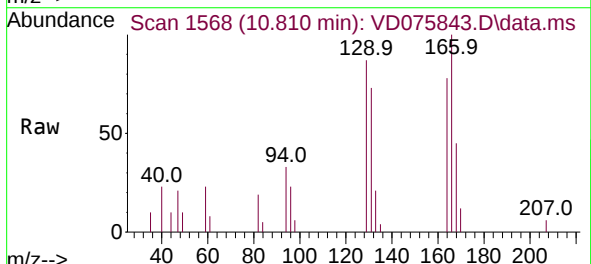
Instrument :
MSVOA_D
ClientSampleId :
EW935

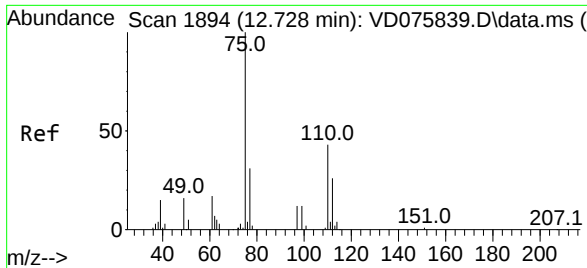
Tgt Ion:	164	Resp:	5124
Ion	Ratio	Lower	Upper
164	100		
129	111.0	60.3	112.1
131	93.5	58.9	109.3
166	128.0	83.0	154.1



#49
Dibromochloromethane
Concen: 2.469 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.265 min
Lab File: VD075843.D
Acq: 26 Apr 2023 19:09

Tgt Ion:	129	Resp:	5198
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.6	103.4#





#61

1,2,3-Trichloropropane

Concen: 6.696 ug/L

RT: 13.516 min Scan# 20

Delta R.T. 0.788 min

Lab File: VD075843.D

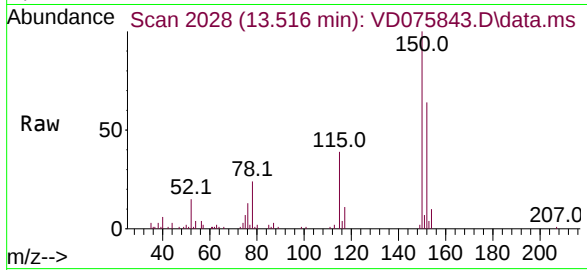
Acq: 26 Apr 2023 19:09

Instrument :

MSVOA_D

ClientSampleId :

EW935



Tgt Ion: 75 Resp: 2876

Ion Ratio Lower Upper

75 100

77 26.6 26.6 39.8

110 0.0 33.5 50.3#

