

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042123\
 Data File : VD075770.D
 Acq On : 21 Apr 2023 12:19
 Operator : KP/SY
 Sample : 02447-01
 Misc : 3.90G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW905

Quant Time: Apr 22 03:54:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 22 03:53:08 2023
 Response via : Initial Calibration

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

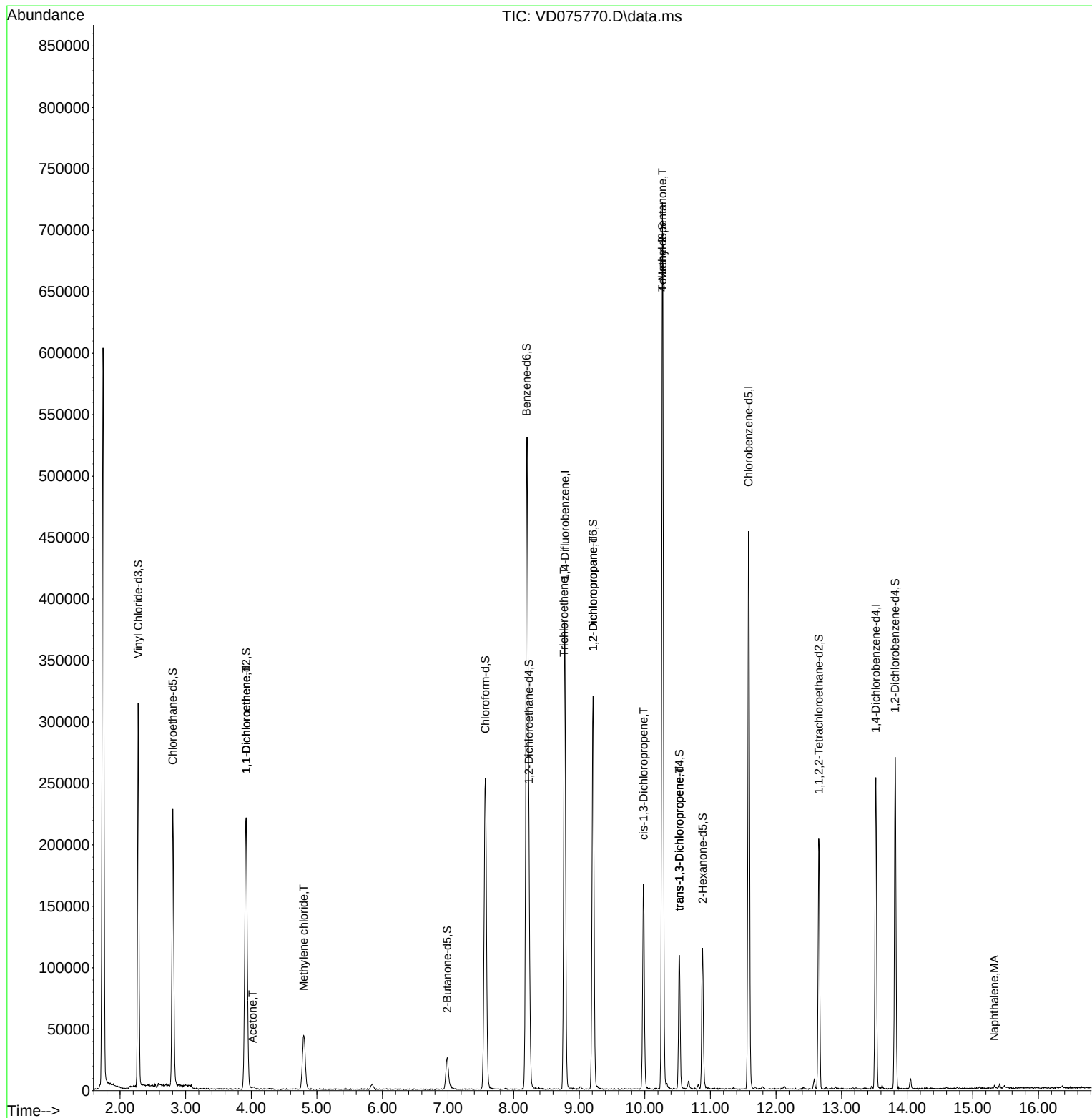
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	372299	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	299802	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	77319	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	289990	35.506	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	142.040%
7) Chloroethane-d5	2.805	69	245434	34.780	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	139.120%
11) 1,1-Dichloroethene-d2	3.922	65	61727	32.782	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	131.120%#
21) 2-Butanone-d5	6.987	46	43543	61.413	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.820%
24) Chloroform-d	7.569	84	282139	30.305	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	121.240%
26) 1,2-Dichloroethane-d4	8.234	65	125015	31.444	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.760%
32) Benzene-d6	8.199	84	619934	35.478	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	141.920%#
36) 1,2-Dichloropropane-d6	9.210	67	170558	35.264	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.040%#
41) Toluene-d8	10.269	98	530433	32.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	129.680%
43) trans-1,3-Dichloroprop...	10.528	79	67506	33.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	135.080%#
47) 2-Hexanone-d5	10.881	63	44065	75.667	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	151.340%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	109368	29.551	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	77415	28.307	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.240%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.922	96	1653	0.338	ug/L #	1
13) Acetone	4.022	43	1216	2.004	ug/L	58
16) Methylene chloride	4.799	84	40522	5.365	ug/L	90
34) Trichloroethene	8.769	95	6769	1.443	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	17785	4.269	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	4252	0.642	ug/L #	55
40) 4-Methyl-2-pentanone	10.269	43	1147	0.755	ug/L #	1
44) trans-1,3-Dichloropropene	10.528	75	2708	0.509	ug/L	83
71) Naphthalene	15.328	128	1871	0.375	ug/L #	69

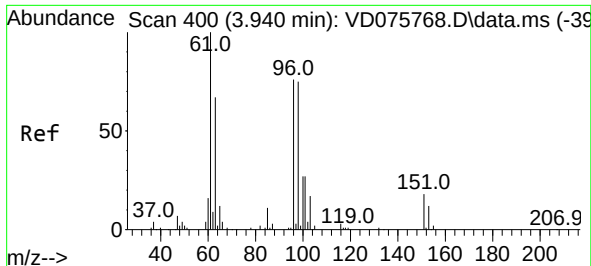
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.338 ug/L

RT: 3.922 min Scan# 397

Delta R.T. -0.018 min

Lab File: VD075770.D

Acq: 21 Apr 2023 12:19

Instrument :

MSVOA_D

ClientSampleId :

EW905

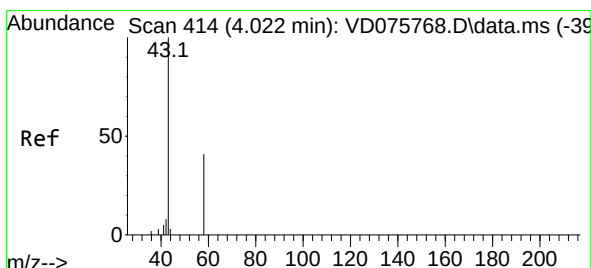
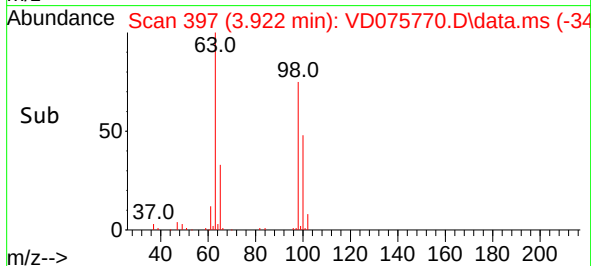
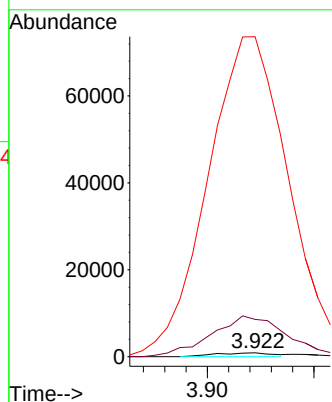
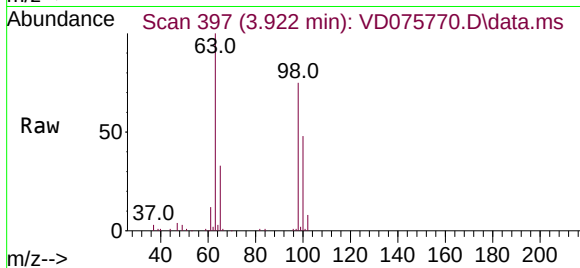
Tgt Ion: 96 Resp: 1653

Ion Ratio Lower Upper

96 100

61 971.2 92.6 172.0#

63 8339.8 77.4 143.8#



#13

Acetone

Concen: 2.004 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD075770.D

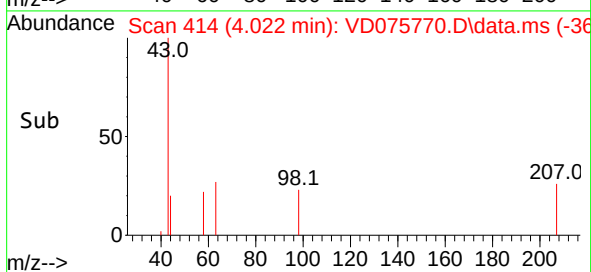
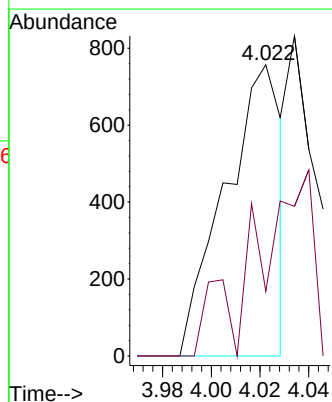
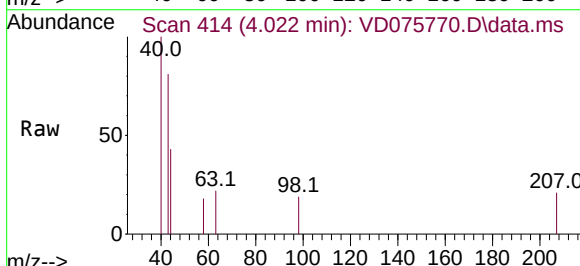
Acq: 21 Apr 2023 12:19

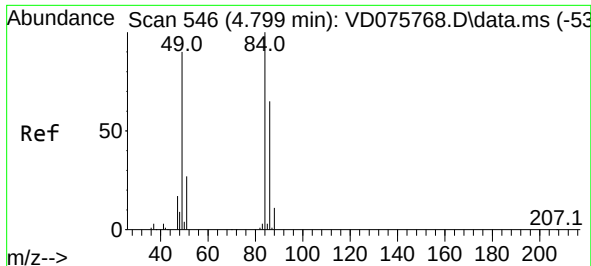
Tgt Ion: 43 Resp: 1216

Ion Ratio Lower Upper

43 100

58 16.4 0.0 87.4

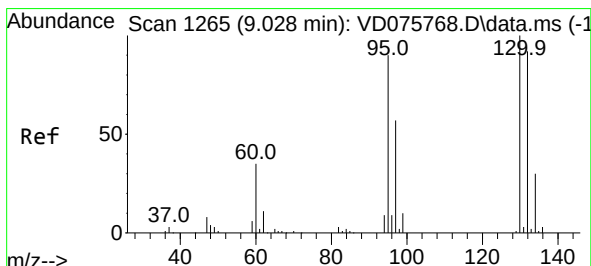
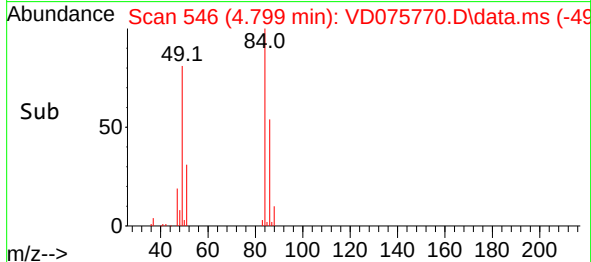
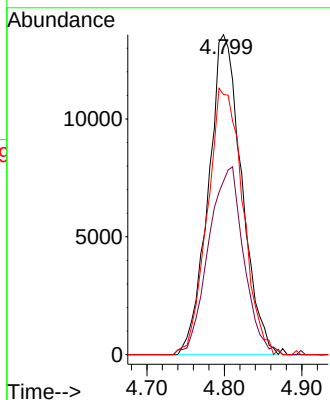
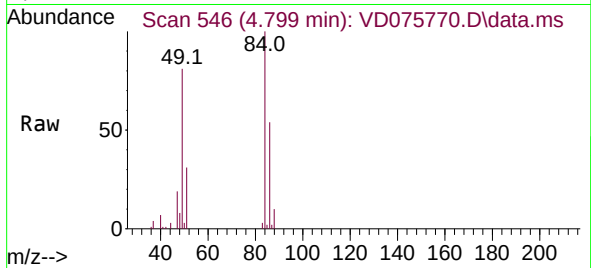




#16
Methylene chloride
Concen: 5.365 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD075770.D
Acq: 21 Apr 2023 12:19

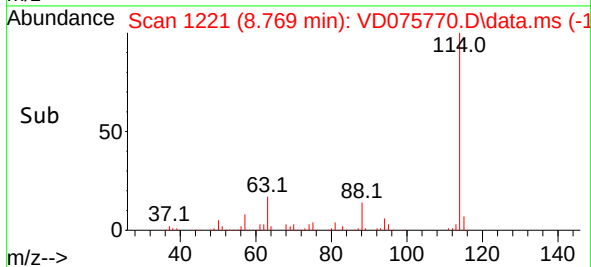
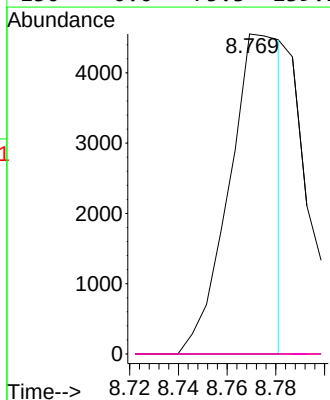
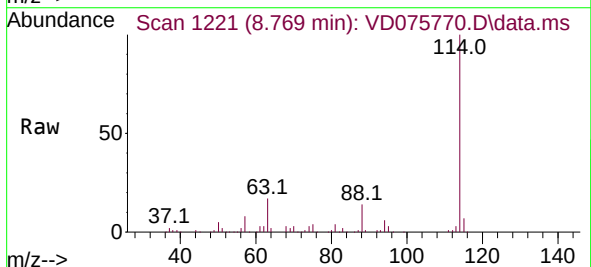
Instrument :
MSVOA_D
ClientSampleId :
EW905

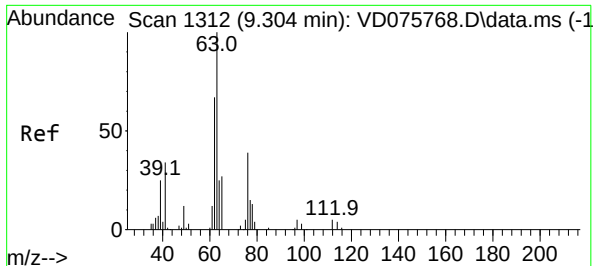
Tgt Ion:	84	Resp:	40522
Ion	Ratio	Lower	Upper
84	100		
86	54.2	45.8	85.2
49	81.3	60.8	112.8



#34
Trichloroethene
Concen: 1.443 ug/L
RT: 8.769 min Scan# 1221
Delta R.T. -0.259 min
Lab File: VD075770.D
Acq: 21 Apr 2023 12:19

Tgt Ion:	95	Resp:	6769
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#

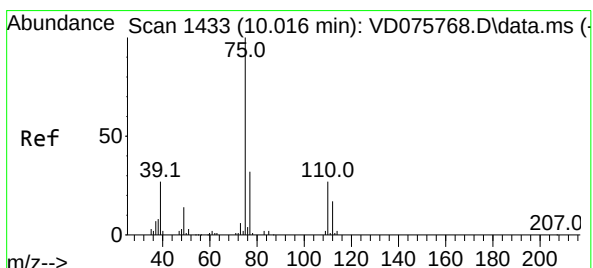
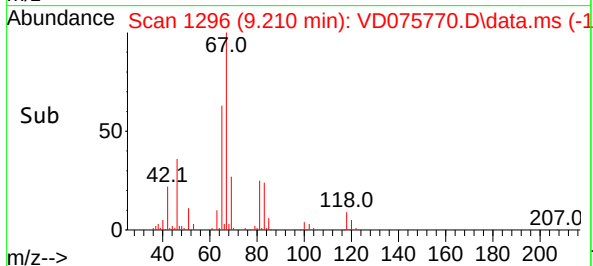
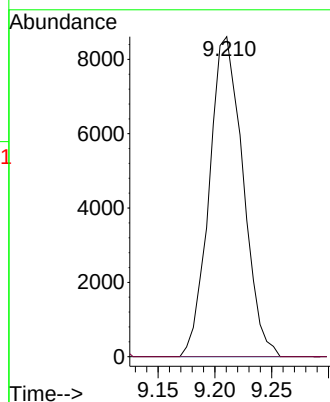
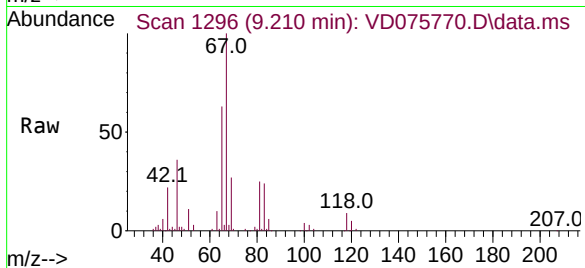




#37
1,2-Dichloropropane
Concen: 4.269 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD075770.D
Acq: 21 Apr 2023 12:19

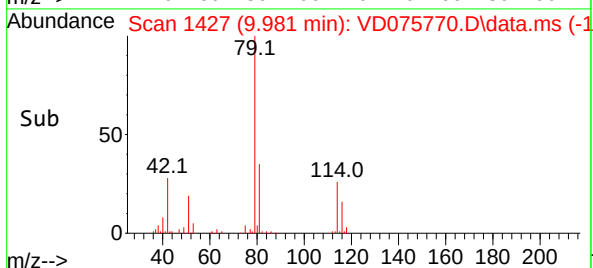
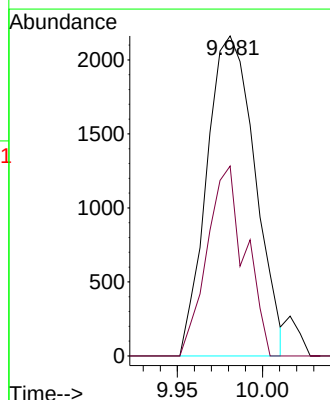
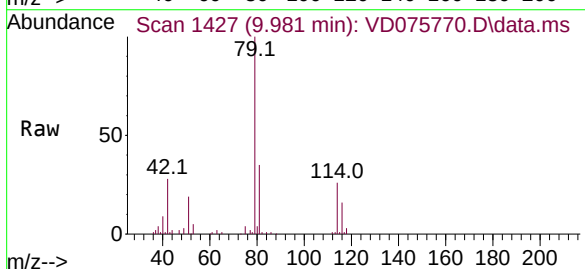
Instrument :
MSVOA_D
ClientSampleId :
EW905

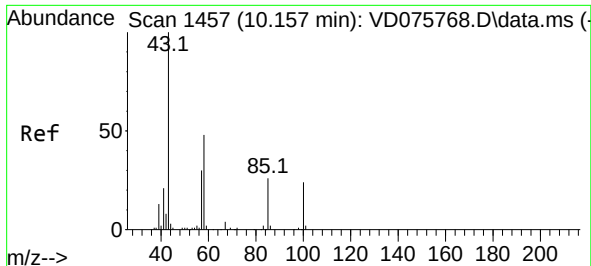
Tgt Ion: 63 Resp: 17785
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.642 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD075770.D
Acq: 21 Apr 2023 12:19

Tgt Ion: 75 Resp: 4252
Ion Ratio Lower Upper
75 100
77 59.3 23.4 43.6#

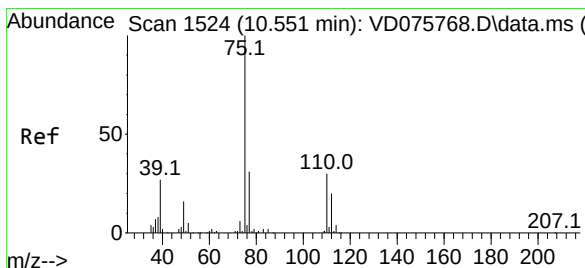
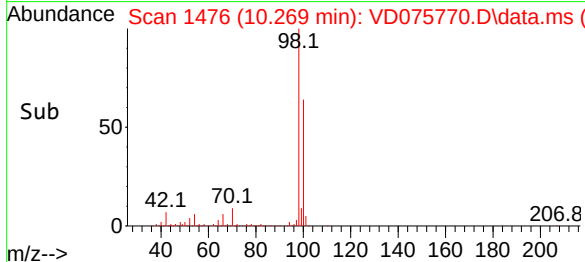
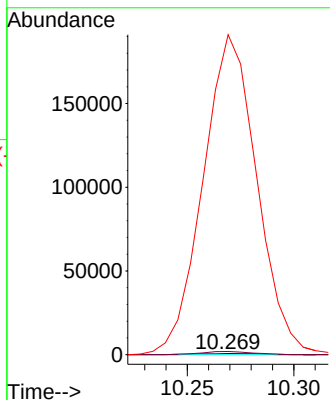
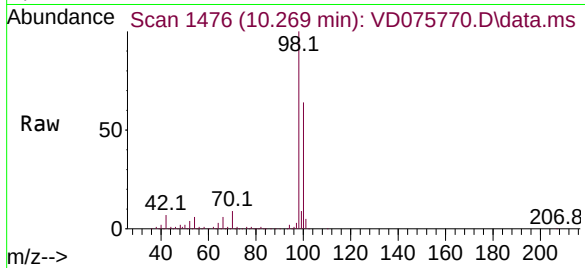




#40
4-Methyl-2-pentanone
Concen: 0.755 ug/L
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD075770.D
Acq: 21 Apr 2023 12:19

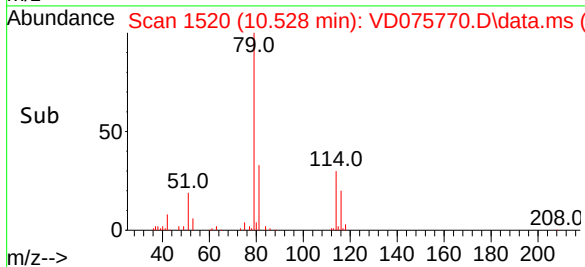
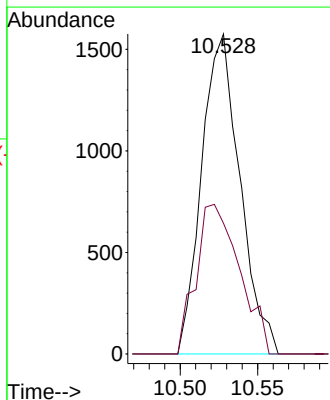
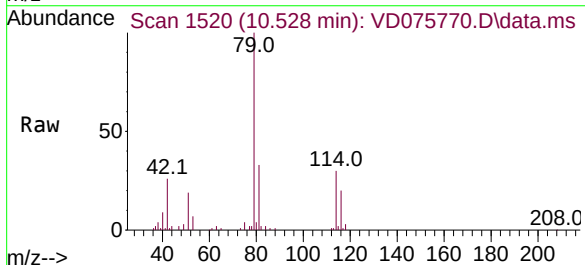
Instrument :
MSVOA_D
ClientSampleId :
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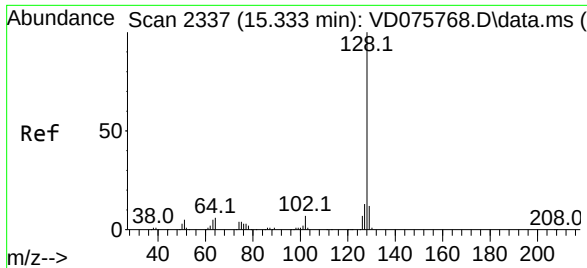
Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
58 285.0 39.1 58.7#
100 29435.9 19.4 29.0#



#44
trans-1,3-Dichloropropene
Concen: 0.509 ug/L
RT: 10.528 min Scan# 1520
Delta R.T. -0.023 min
Lab File: VD075770.D
Acq: 21 Apr 2023 12:19

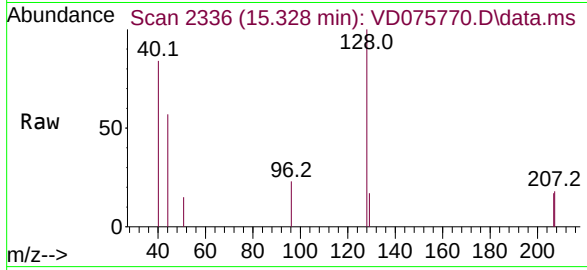
Tgt Ion: 75 Resp: 2708
Ion Ratio Lower Upper
75 100
77 40.9 22.0 41.0





#71
Naphthalene
Concen: 0.375 ug/L
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075770.D
Acq: 21 Apr 2023 12:19

Instrument : MSVOA_D
ClientSampleId : EW905



Tgt Ion:	128	Resp:	1871
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	9.1	13.7#

