

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040623\
 Data File : VD075593.D
 Acq On : 06 Apr 2023 14:09
 Operator : KP/SY
 Sample : 02193-06
 Misc : 5.03G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VHBLK002

Quant Time: Apr 07 01:25:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:08:20 2023
 Response via : Initial Calibration

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

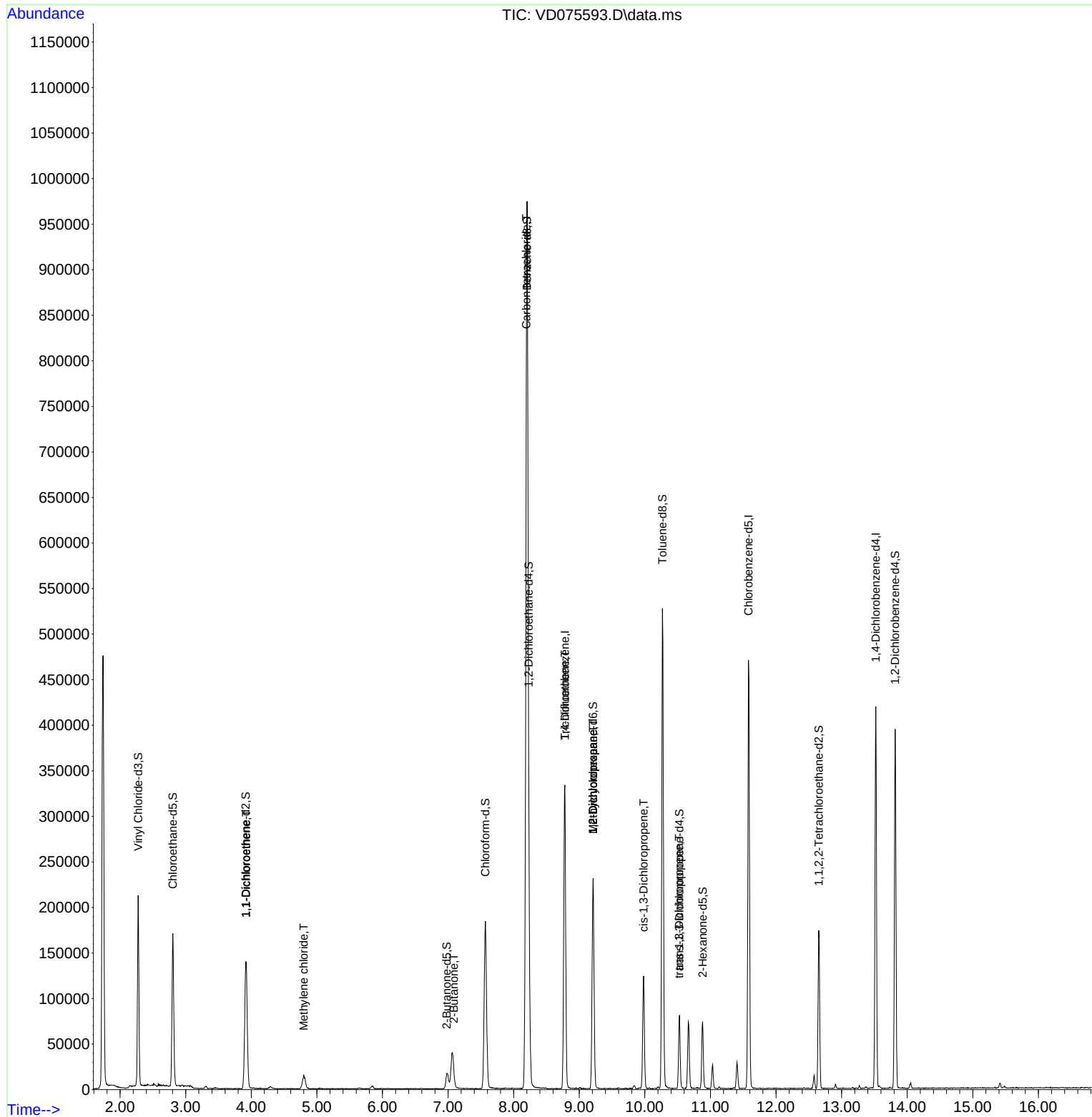
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	325921	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	292397	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	120691	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	195337	25.741	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.960%
7) Chloroethane-d5	2.804	69	180871	26.786	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.160%
11) 1,1-Dichloroethene-d2	3.916	63	123047	20.103	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.400%
21) 2-Butanone-d5	6.981	46	29704	60.109	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.220%
24) Chloroform-d	7.569	84	198486	25.831	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.320%
26) 1,2-Dichloroethane-d4	8.228	65	106519	31.281	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.120%
32) Benzene-d6	8.204	84	536342	31.376	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.520%
36) 1,2-Dichloropropane-d6	9.210	67	120082	26.359	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.440%
41) Toluene-d8	10.269	98	386780	24.130	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.520%
43) trans-1,3-Dichloroprop...	10.528	79	46865	24.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.720%
47) 2-Hexanone-d5	10.881	63	27555	51.114	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.220%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	92123	26.993	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	111274	26.877	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.520%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.922	96	935	0.301	ug/L #	1
16) Methylene chloride	4.798	84	12822	2.862	ug/L	96
22) 2-Butanone	7.087	43	478	0.774	ug/L #	33
31) Carbon tetrachloride	8.192	117	4493	0.966	ug/L #	56
34) Trichloroethene	8.781	95	8494	2.015	ug/L #	3
35) Methylcyclohexane	9.210	83	30071	5.454	ug/L #	25
37) 1,2-Dichloropropane	9.210	63	12232	3.456	ug/L #	82
39) cis-1,3-Dichloropropene	9.981	75	3326	0.593	ug/L #	66
44) trans-1,3-Dichloropropene	10.522	75	1928	0.404	ug/L #	68

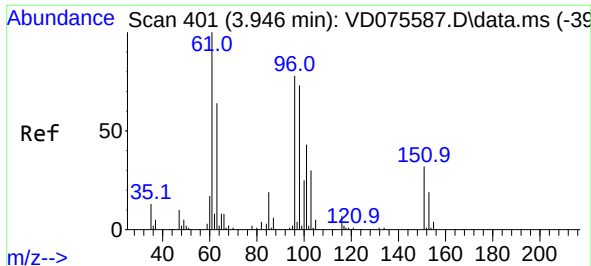
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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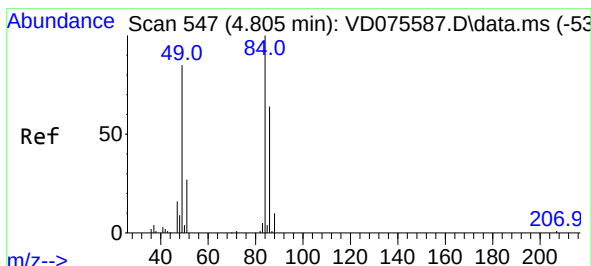
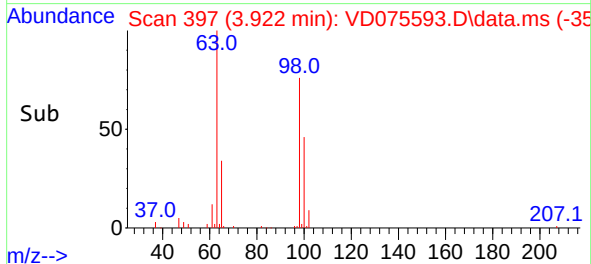
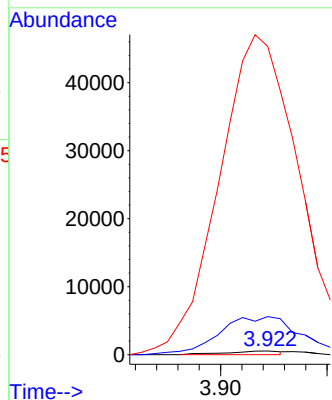
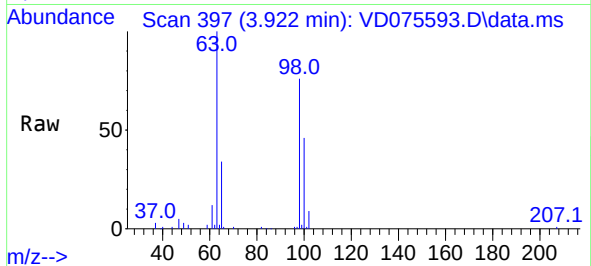




#12
1,1-Dichloroethene
Concen: 0.301 ug/L
RT: 3.922 min Scan# 397
Delta R.T. -0.024 min
Lab File: VD075593.D
Acq: 06 Apr 2023 14:09

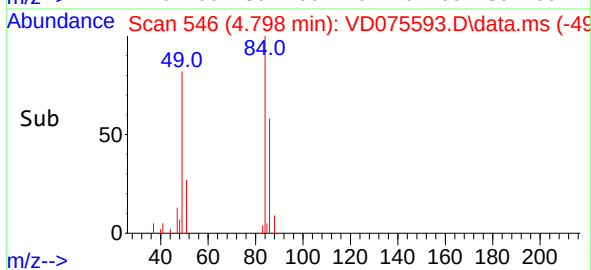
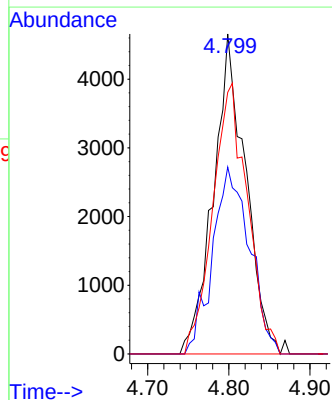
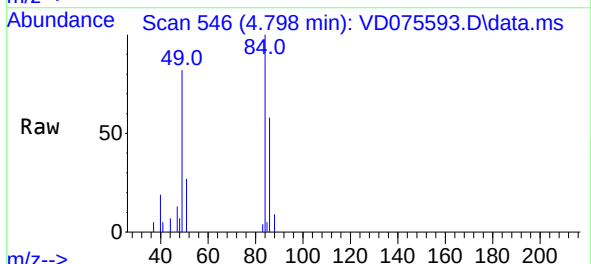
Instrument :
MSVOA_D
ClientSampleId :
VHBLK002

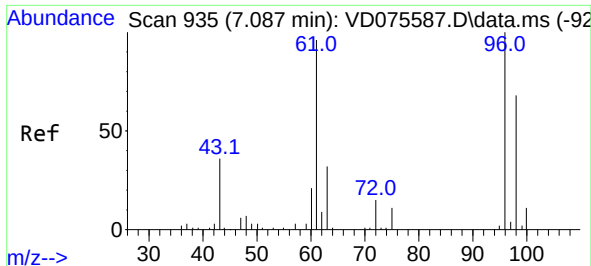
Tgt Ion: 96 Resp: 935
Ion Ratio Lower Upper
96 100
61 1043.3 96.7 179.7#
63 8456.7 76.0 141.2#



#16
Methylene chloride
Concen: 2.862 ug/L
RT: 4.798 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075593.D
Acq: 06 Apr 2023 14:09

Tgt Ion: 84 Resp: 12822
Ion Ratio Lower Upper
84 100
86 58.4 44.4 82.4
49 81.8 58.5 108.7

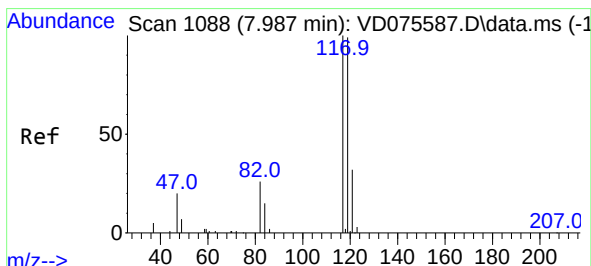
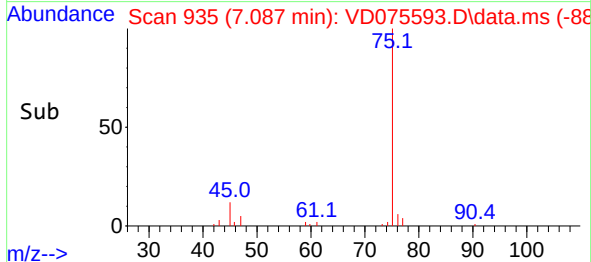
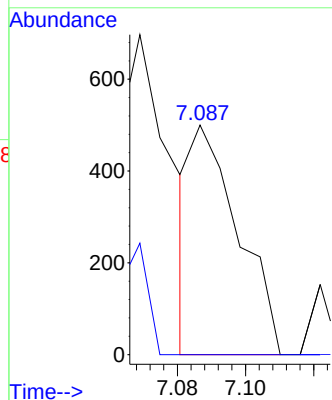
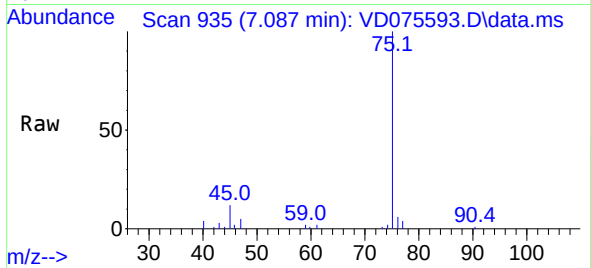




#22
2-Butanone
Concen: 0.774 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD075593.D
Acq: 06 Apr 2023 14:09

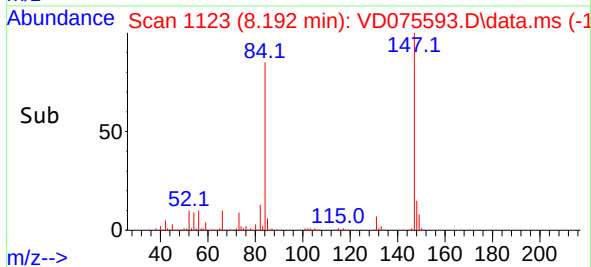
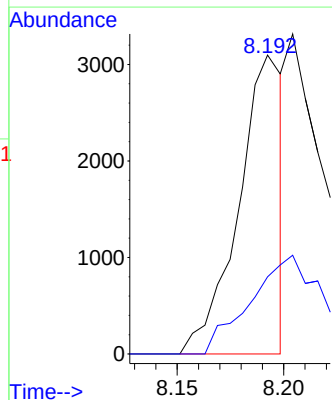
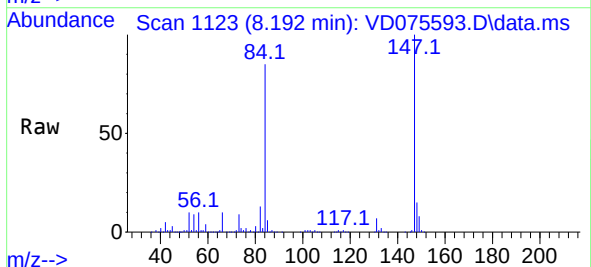
Instrument :
MSVOA_D
ClientSampleId :
VHBLK002

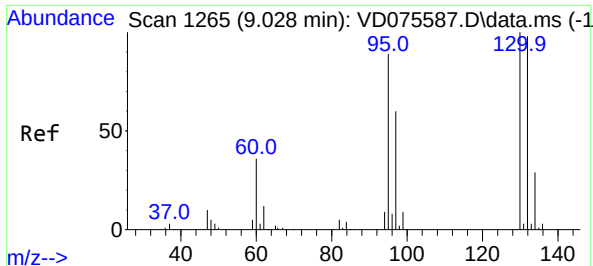
Tgt Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
72 0.0 21.3 63.9#



#31
Carbon tetrachloride
Concen: 0.966 ug/L
RT: 8.192 min Scan# 1123
Delta R.T. 0.200 min
Lab File: VD075593.D
Acq: 06 Apr 2023 14:09

Tgt Ion: 117 Resp: 4493
Ion Ratio Lower Upper
117 100
119 52.6 76.4 114.6#



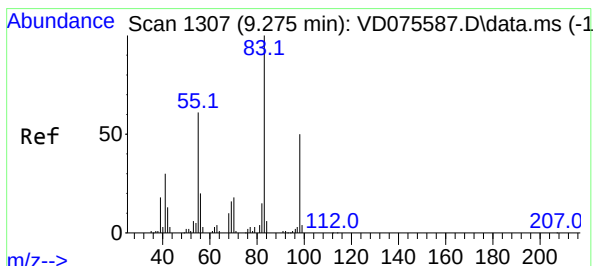
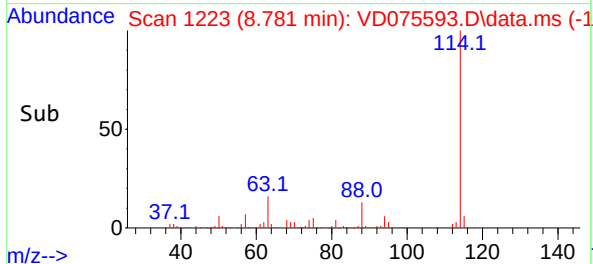
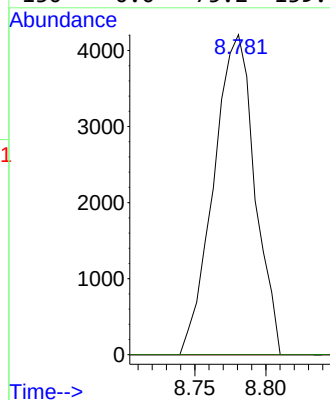
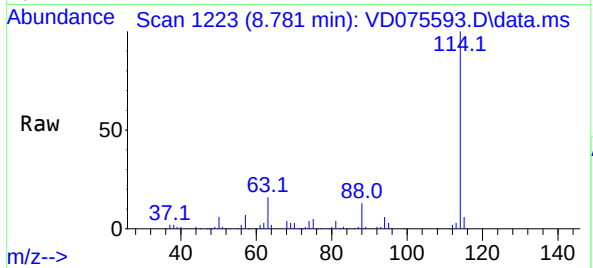


#34
Trichloroethene
Concen: 2.015 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD075593.D
Acq: 06 Apr 2023 14:09

Instrument :
MSVOA_D
ClientSampleId :
VHBLK002

Tgt Ion: 95 Resp: 8494

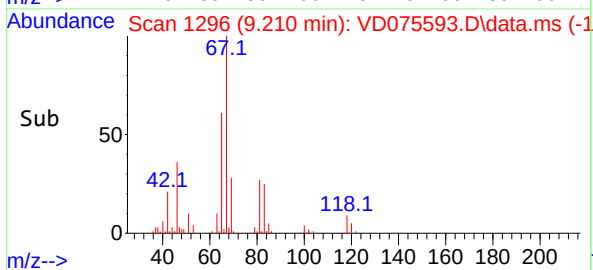
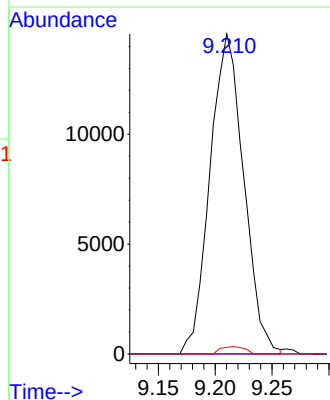
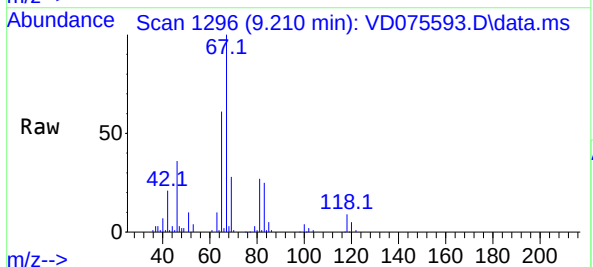
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	71.2	132.2#
130	0.0	75.2	139.6#

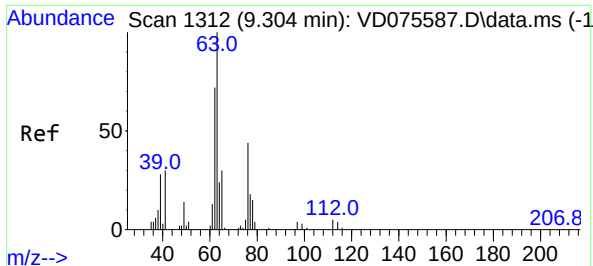


#35
Methylcyclohexane
Concen: 5.454 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD075593.D
Acq: 06 Apr 2023 14:09

Tgt Ion: 83 Resp: 30071

Ion	Ratio	Lower	Upper
83	100		
55	0.0	46.9	70.3#
98	1.6	40.8	61.2#

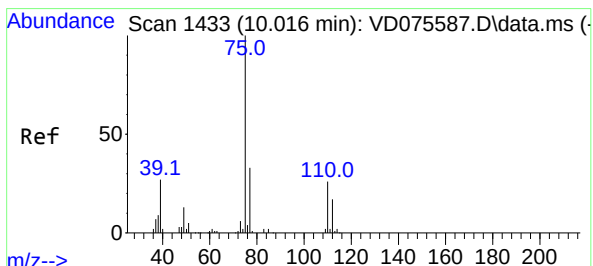
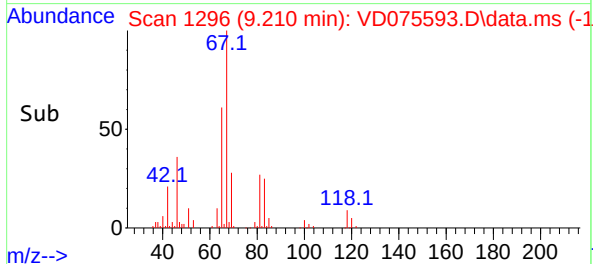
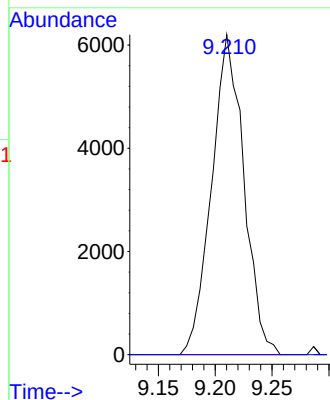
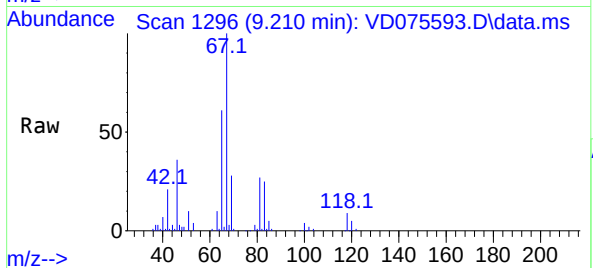




#37
1,2-Dichloropropane
Concen: 3.456 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD075593.D
Acq: 06 Apr 2023 14:09

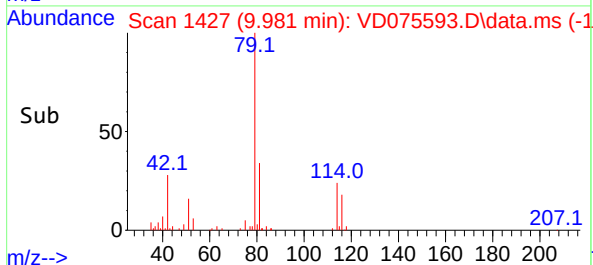
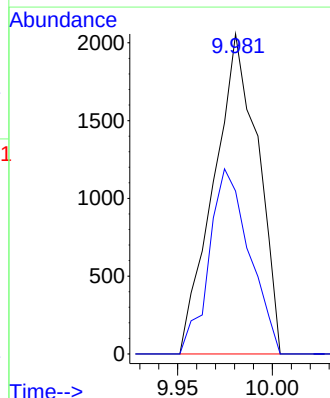
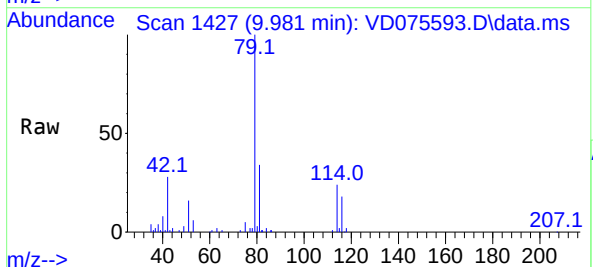
Instrument :
MSVOA_D
ClientSampleId :
VHBLK002

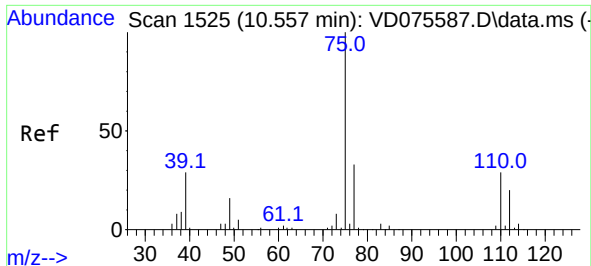
Tgt Ion: 63 Resp: 12232
Ion Ratio Lower Upper
63 100
112 0.0 4.7 7.1#



#39
cis-1,3-Dichloropropene
Concen: 0.593 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD075593.D
Acq: 06 Apr 2023 14:09

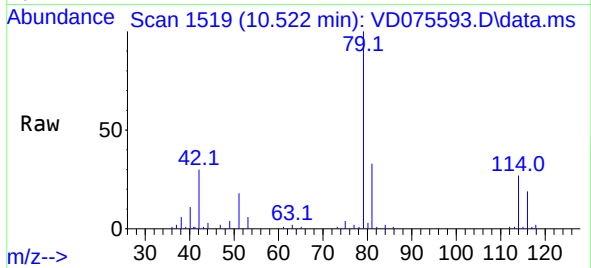
Tgt Ion: 75 Resp: 3326
Ion Ratio Lower Upper
75 100
77 50.9 22.5 41.7#





#44
trans-1,3-Dichloropropene
Concen: 0.404 ug/L
RT: 10.522 min Scan# 11
Delta R.T. -0.035 min
Lab File: VD075593.D
Acq: 06 Apr 2023 14:09

Instrument :
MSVOA_D
ClientSampleId :
VHBLK002



Tgt Ion: 75 Resp: 1928
Ion Ratio Lower Upper
75 100
77 49.5 22.1 41.1#

