

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040423\
 Data File : VD075571.D
 Acq On : 04 Apr 2023 16:58
 Operator : KP/SY
 Sample : 02130-19
 Misc : 5.10G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 04 23:38:34 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

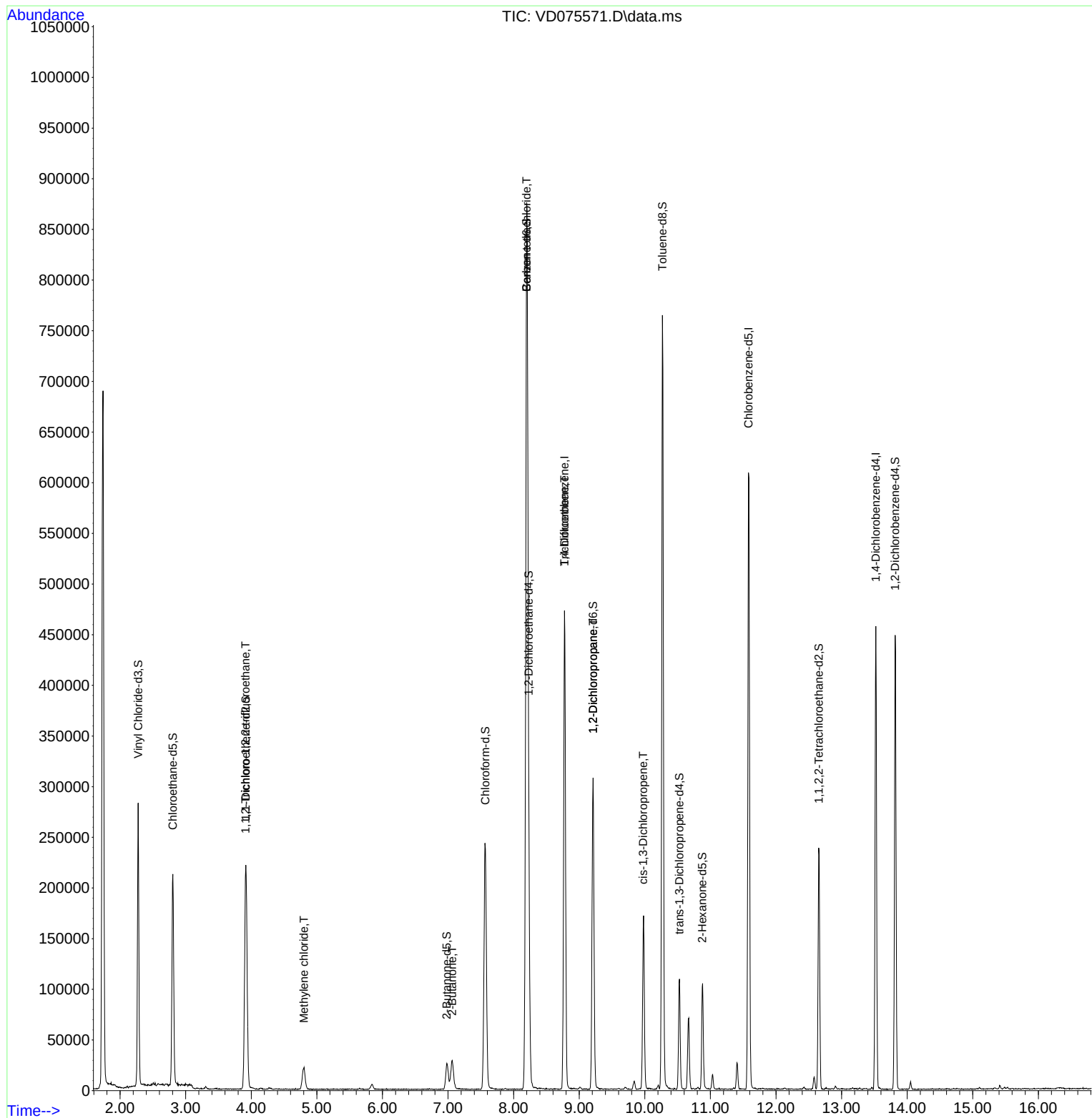
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	471711	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	416635	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	131641	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	256207	23.328	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.320%
7) Chloroethane-d5	2.805	69	229457	23.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.920%
11) 1,1-Dichloroethene-d2	3.917	63	186437	21.046	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.200%
21) 2-Butanone-d5	6.981	46	42921	60.011	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.020%
24) Chloroform-d	7.569	84	273304	24.575	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.280%
26) 1,2-Dichloroethane-d4	8.228	65	120655	24.481	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.920%
32) Benzene-d6	8.199	84	621875	25.531	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.120%
36) 1,2-Dichloropropane-d6	9.210	67	163507	25.189	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.760%
41) Toluene-d8	10.269	98	571022	25.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	10.528	79	65508	24.208	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.840%
47) 2-Hexanone-d5	10.875	63	38989	50.757	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.520%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	124773	25.658	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.640%
66) 1,2-Dichlorobenzene-d4	13.816	152	126438	28.000	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.000%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	3.911	101	1601	0.294	ug/L #	22
16) Methylene chloride	4.805	84	19422	2.995	ug/L	95
22) 2-Butanone	7.063	43	1380	1.544	ug/L #	52
31) Carbon tetrachloride	8.199	117	6576	0.993	ug/L #	15
34) Trichloroethene	8.775	95	11515	1.917	ug/L #	3
37) 1,2-Dichloropropane	9.210	63	16225	3.217	ug/L #	82
39) cis-1,3-Dichloropropene	9.975	75	4062	0.508	ug/L #	37

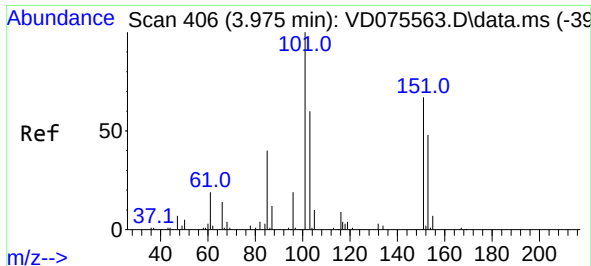
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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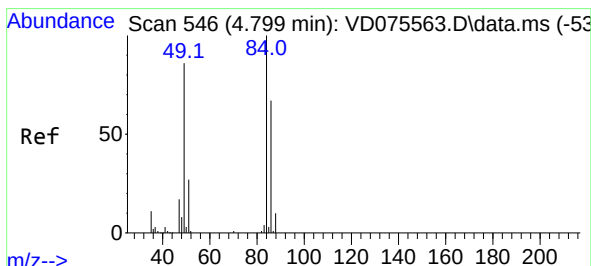
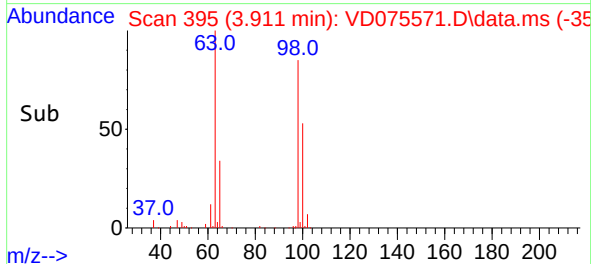
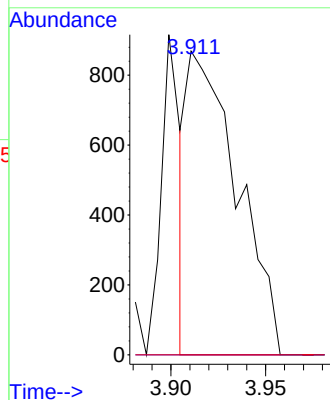
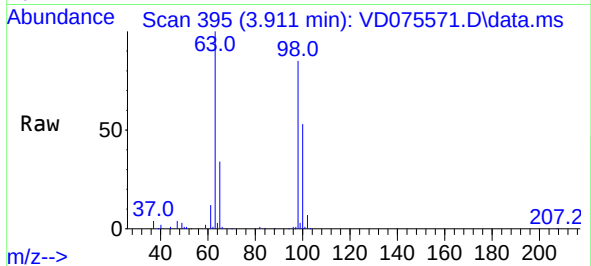




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.294 ug/L
RT: 3.911 min Scan# 395
Delta R.T. -0.058 min
Lab File: VD075571.D
Acq: 04 Apr 2023 16:58

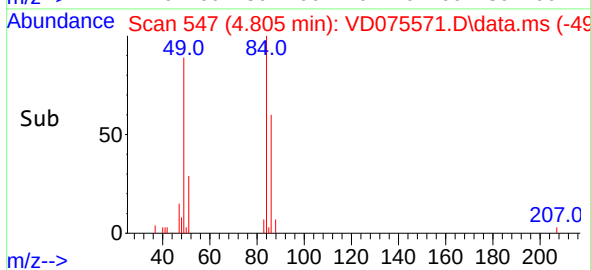
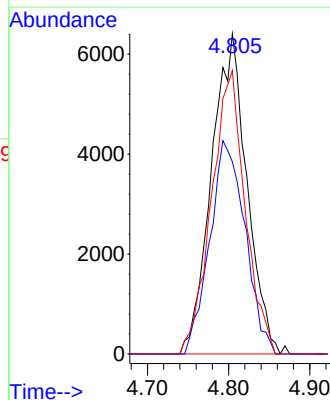
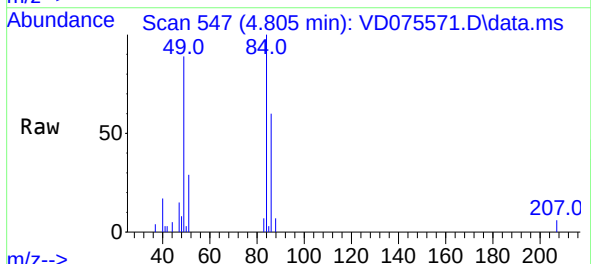
Instrument :
MSVOA_D
ClientSampleId :

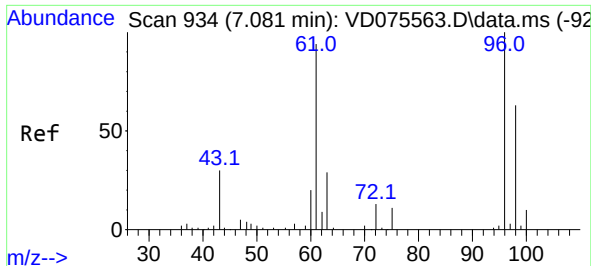
Tgt Ion:101 Resp: 1601
Ion Ratio Lower Upper
101 100
85 0.0 33.4 50.0#
151 0.0 55.8 83.8#



#16
Methylene chloride
Concen: 2.995 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD075571.D
Acq: 04 Apr 2023 16:58

Tgt Ion: 84 Resp: 19422
Ion Ratio Lower Upper
84 100
86 60.0 44.4 82.4
49 88.6 58.5 108.7

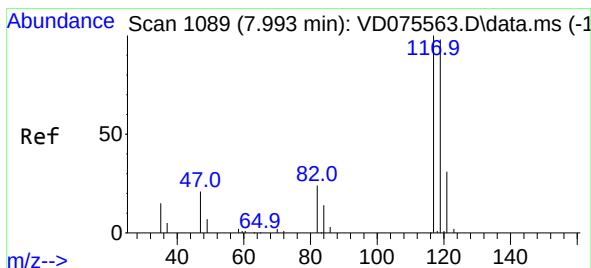
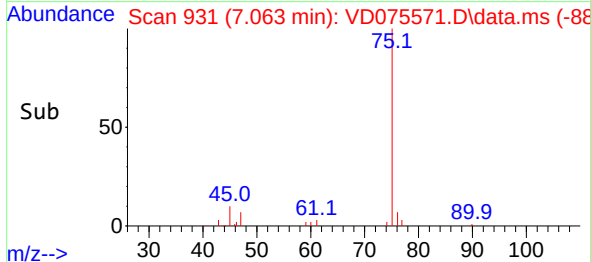
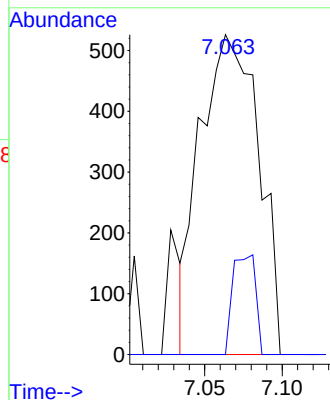
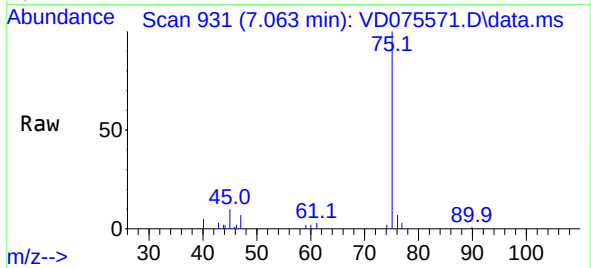




#22
2-Butanone
Concen: 1.544 ug/L
RT: 7.063 min Scan# 91
Delta R.T. -0.023 min
Lab File: VD075571.D
Acq: 04 Apr 2023 16:58

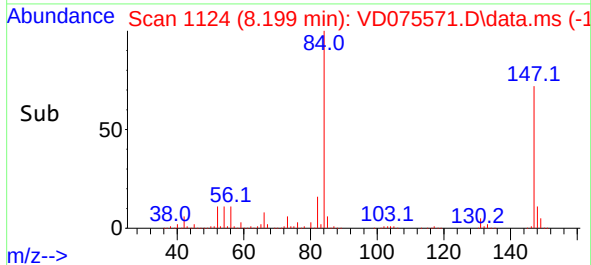
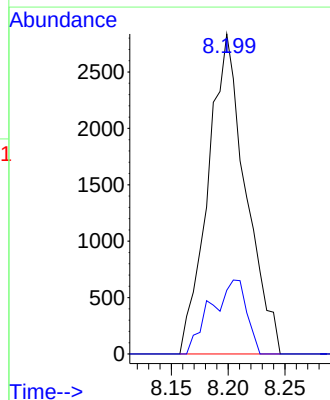
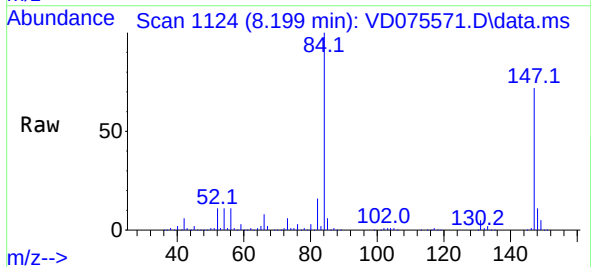
Instrument :
MSVOA_D
ClientSampleId :

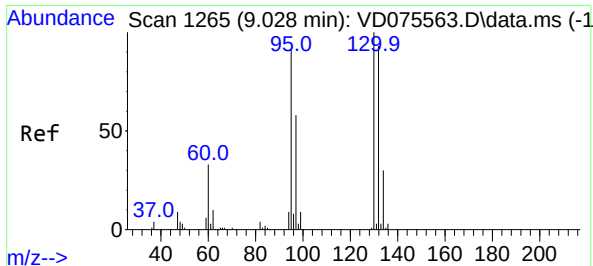
Tgt Ion: 43 Resp: 1380
Ion Ratio Lower Upper
43 100
72 12.2 21.3 63.9#



#31
Carbon tetrachloride
Concen: 0.993 ug/L
RT: 8.199 min Scan# 1124
Delta R.T. 0.206 min
Lab File: VD075571.D
Acq: 04 Apr 2023 16:58

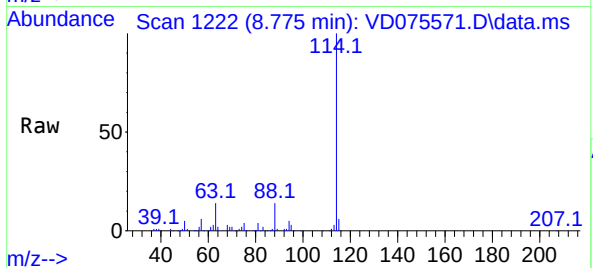
Tgt Ion: 117 Resp: 6576
Ion Ratio Lower Upper
117 100
119 13.0 76.4 114.6#



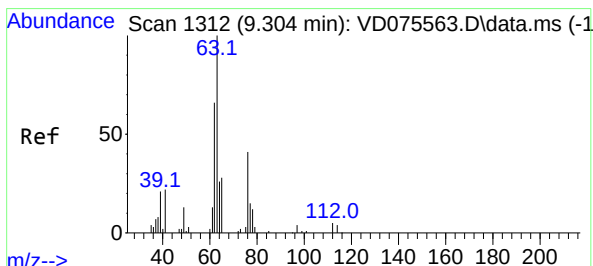
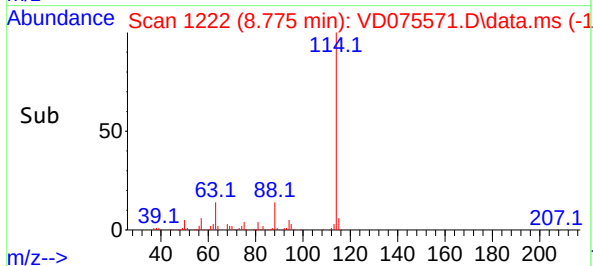
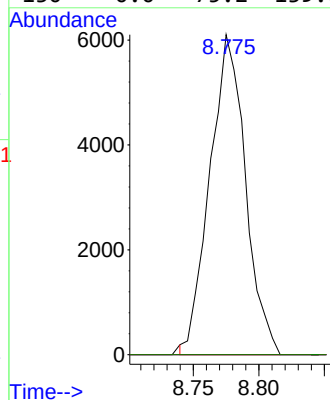


#34
Trichloroethene
Concen: 1.917 ug/L
RT: 8.775 min Scan# 1151
Delta R.T. -0.253 min
Lab File: VD075571.D
Acq: 04 Apr 2023 16:58

Instrument :
MSVOA_D
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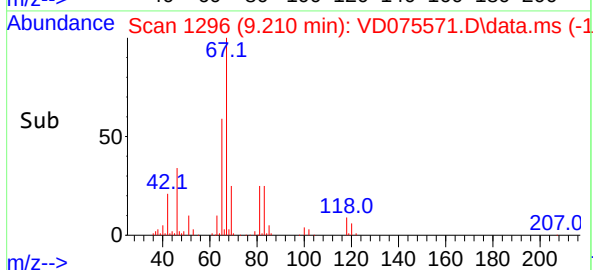
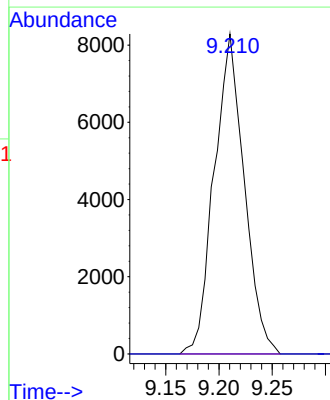
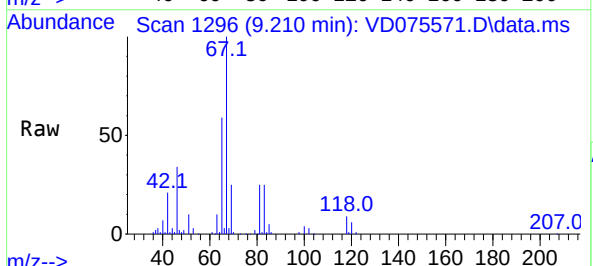


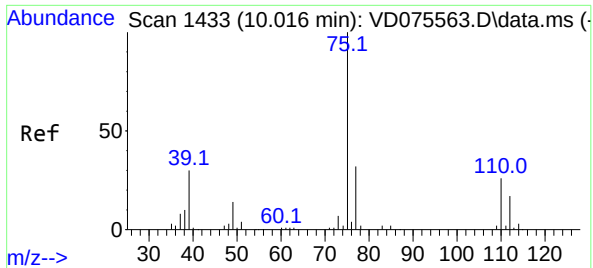
Tgt Ion:	95	Resp:	11515
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	71.2	132.2#
130	0.0	75.2	139.6#



#37
1,2-Dichloropropane
Concen: 3.217 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD075571.D
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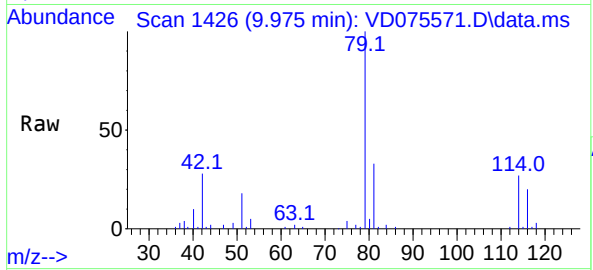
Tgt Ion:	63	Resp:	16225
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.7	7.1#





#39
cis-1,3-Dichloropropene
Concen: 0.508 ug/L
RT: 9.975 min Scan# 14
Delta R.T. -0.041 min
Lab File: VD075571.D
Acq: 04 Apr 2023 16:58

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 4062
Ion Ratio Lower Upper
75 100
77 67.2 22.5 41.7#

