

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040523\
 Data File : VD075583.D
 Acq On : 05 Apr 2023 17:39
 Operator : KP/SY
 Sample : 02193-02
 Misc : 5.26G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C11C5

Quant Time: Apr 05 23:38:49 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)

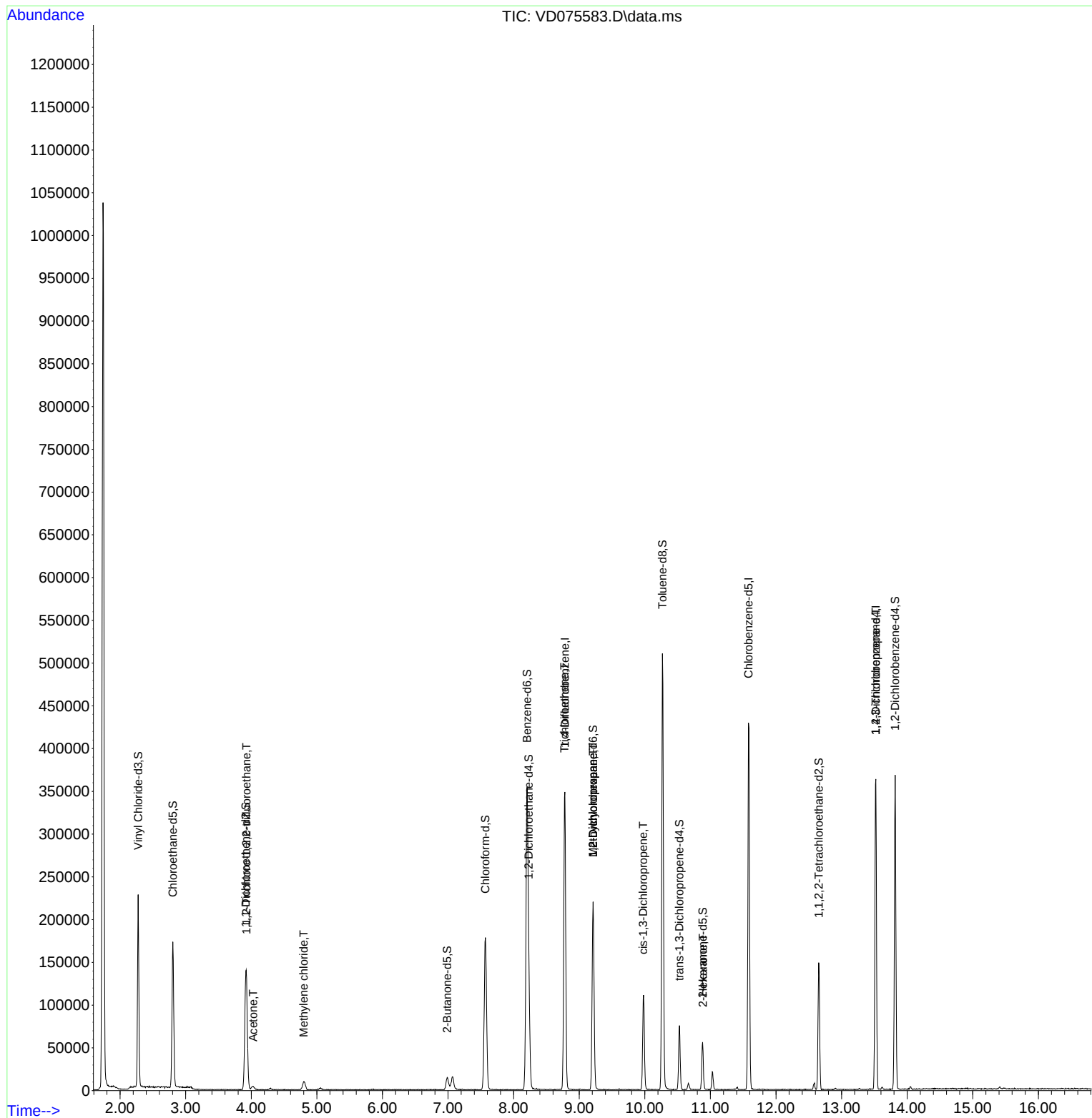
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	350304	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	273512	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	106527	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	204476	25.070	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.280%
7) Chloroethane-d5	2.805	69	183396	25.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.080%
11) 1,1-Dichloroethene-d2	3.917	63	122993	18.696	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.800%
21) 2-Butanone-d5	6.987	46	24299	45.749	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.500%
24) Chloroform-d	7.569	84	195233	23.639	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.560%
26) 1,2-Dichloroethane-d4	8.228	65	82336	22.496	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	8.205	84	408543	25.550	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	9.210	67	116032	27.229	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.920%
41) Toluene-d8	10.269	98	378836	25.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.080%
43) trans-1,3-Dichloroprop...	10.528	79	42979	24.194	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.760%
47) 2-Hexanone-d5	10.881	63	20219	40.095	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.200%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	79502	24.904	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	13.816	152	101258	27.710	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.840%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.928	101	1225	0.303	ug/L #	22
13) Acetone	4.028	43	6808	12.222	ug/L	70
16) Methylene chloride	4.799	84	5689	1.181	ug/L	99
34) Trichloroethene	8.775	95	9214	2.337	ug/L #	3
35) Methylcyclohexane	9.210	83	28014	5.432	ug/L #	25
37) 1,2-Dichloropropane	9.210	63	11436	3.454	ug/L #	82
39) cis-1,3-Dichloropropene	9.975	75	2013	0.383	ug/L #	51
48) 2-Hexanone	10.887	43	1866	2.231	ug/L #	57
61) 1,2,3-Trichloropropane	13.522	75	13047	7.738	ug/L #	61

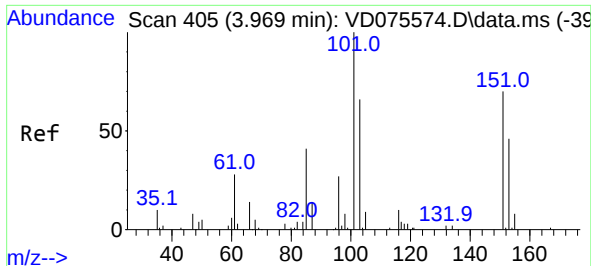
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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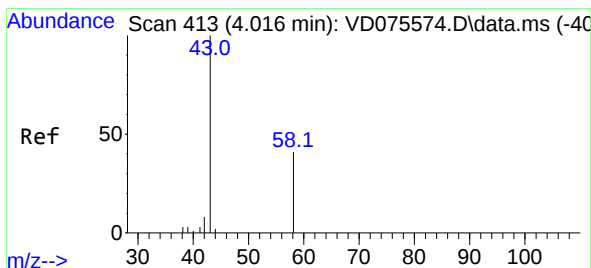
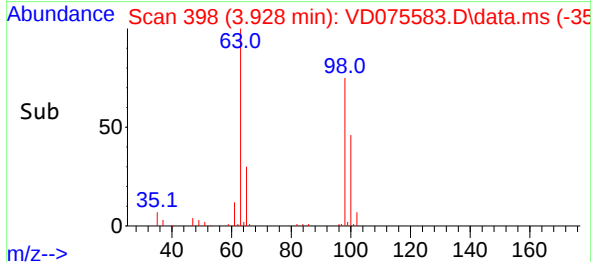
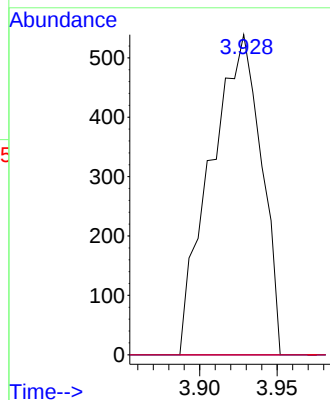
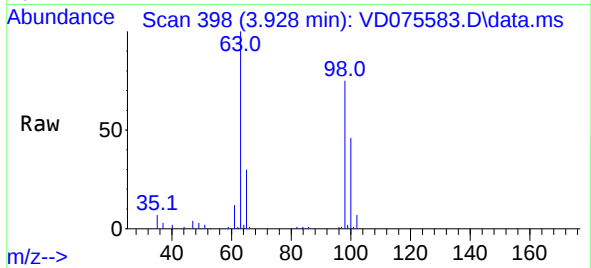


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.303 ug/L
 RT: 3.928 min Scan# 398
 Delta R.T. -0.041 min
 Lab File: VD075583.D
 Acq: 05 Apr 2023 17:39

Instrument :
 MSVOA_D
 ClientSampleId :
 C11C5

Tgt Ion:101 Resp: 1225

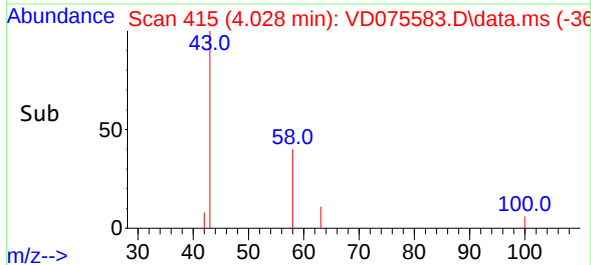
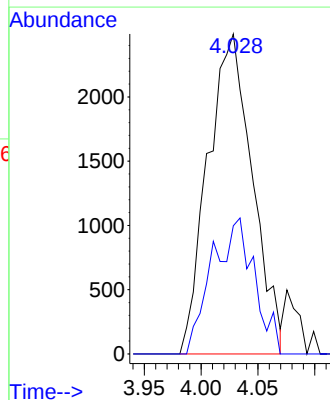
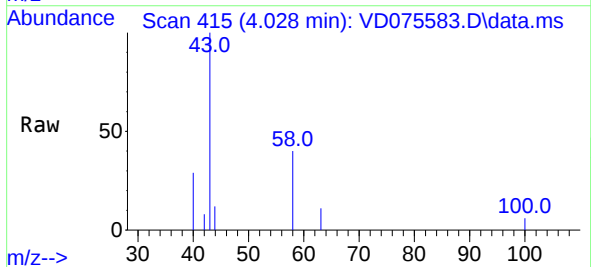
Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.4	50.0#
151	0.0	55.8	83.8#

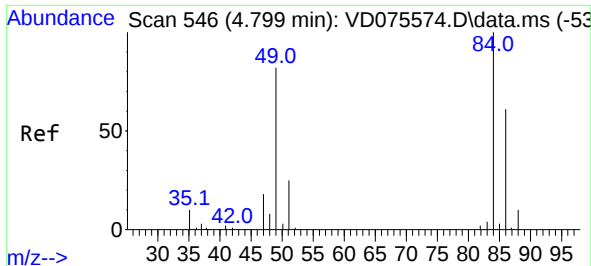


#13
 Acetone
 Concen: 12.222 ug/L
 RT: 4.028 min Scan# 415
 Delta R.T. 0.012 min
 Lab File: VD075583.D
 Acq: 05 Apr 2023 17:39

Tgt Ion: 43 Resp: 6808

Ion	Ratio	Lower	Upper
43	100		
58	20.7	0.0	77.4

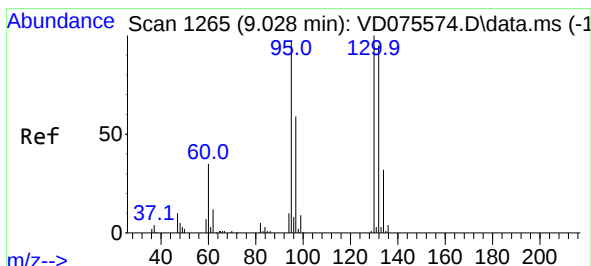
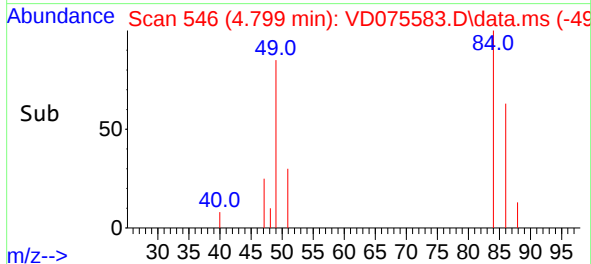
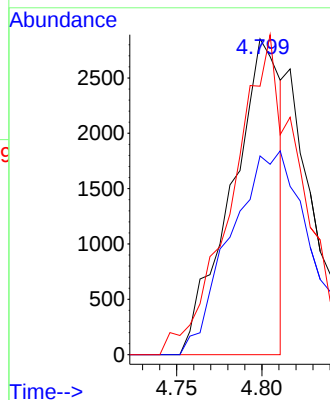
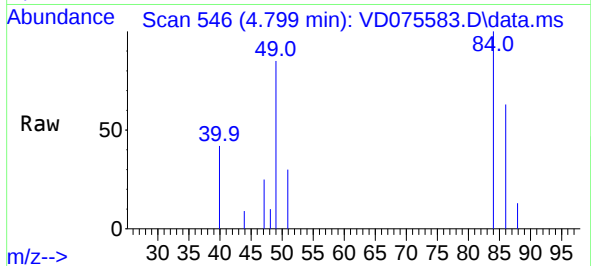




#16
Methylene chloride
Concen: 1.181 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD075583.D
Acq: 05 Apr 2023 17:39

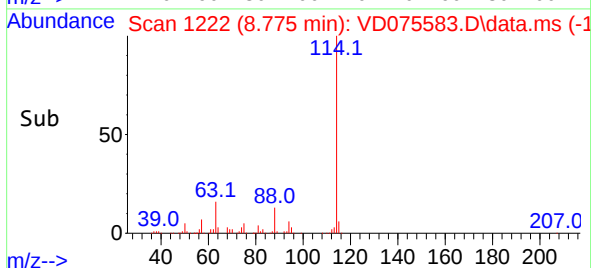
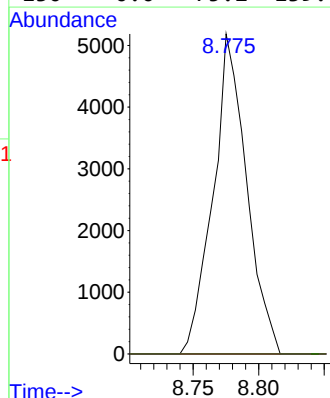
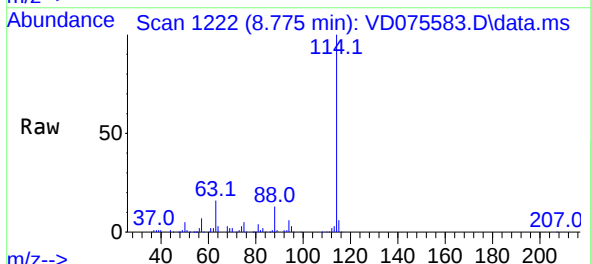
Instrument :
MSVOA_D
ClientSampleId :
C11C5

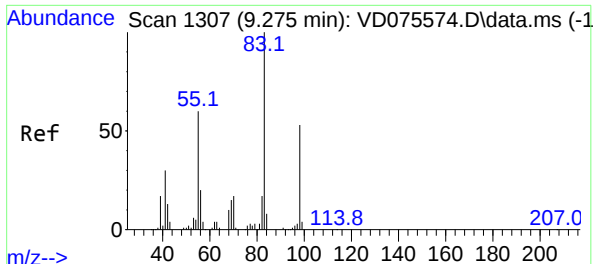
Tgt Ion:	84	Resp:	5689
Ion	Ratio	Lower	Upper
84	100		
86	62.9	44.4	82.4
49	85.0	58.5	108.7



#34
Trichloroethene
Concen: 2.337 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.252 min
Lab File: VD075583.D
Acq: 05 Apr 2023 17:39

Tgt Ion:	95	Resp:	9214
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: 5.432 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.064 min

Lab File: VD075583.D

Acq: 05 Apr 2023 17:39

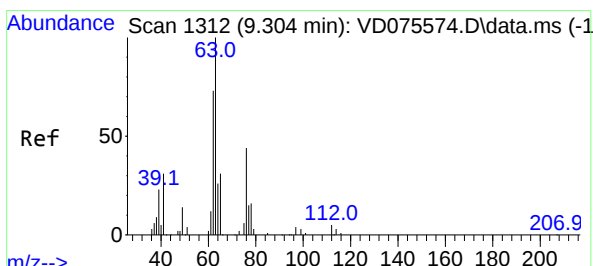
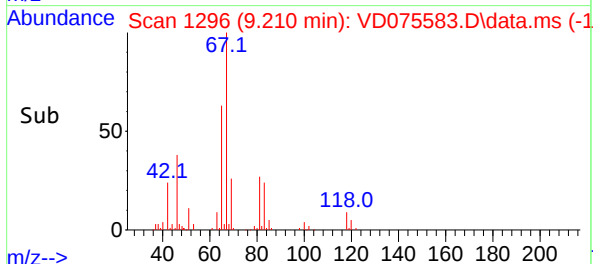
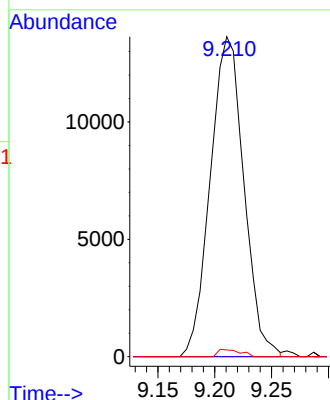
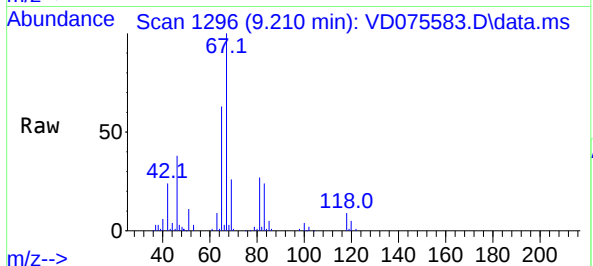
Instrument :

MSVOA_D

ClientSampleId :

C11C5

Tgt Ion:	83	Resp:	28014
Ion	Ratio	Lower	Upper
83	100		
55	0.0	46.9	70.3#
98	1.5	40.8	61.2#



#37

1,2-Dichloropropane

Concen: 3.454 ug/L

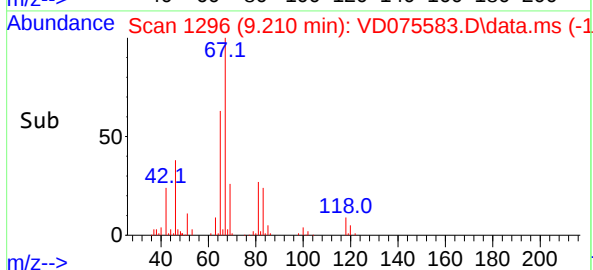
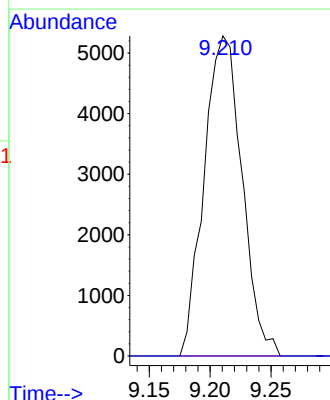
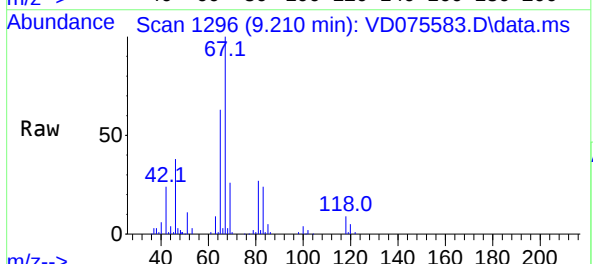
RT: 9.210 min Scan# 1296

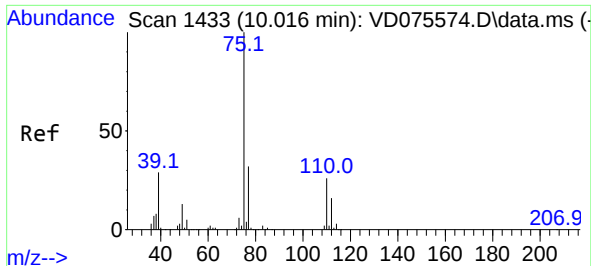
Delta R.T. -0.094 min

Lab File: VD075583.D

Acq: 05 Apr 2023 17:39

Tgt Ion:	63	Resp:	11436
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.7	7.1#





#39

cis-1,3-Dichloropropene

Concen: 0.383 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD075583.D

Acq: 05 Apr 2023 17:39

Instrument :

MSVOA_D

ClientSampleId :

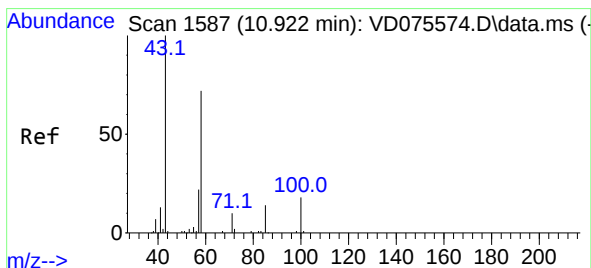
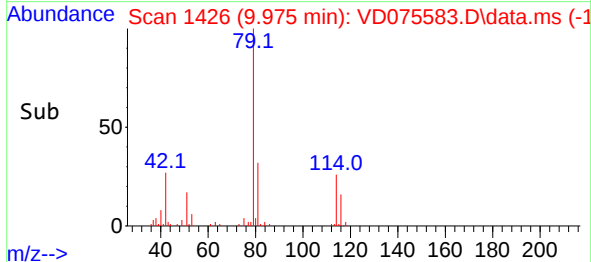
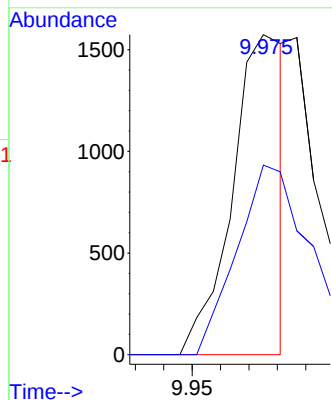
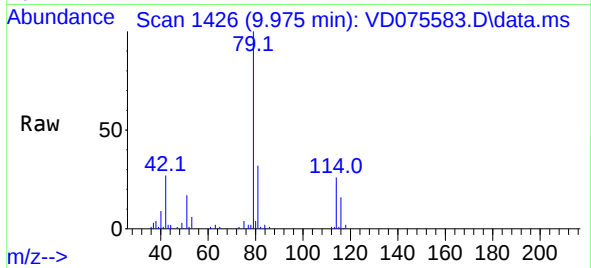
C11C5

Tgt Ion: 75 Resp: 2013

Ion Ratio Lower Upper

75 100

77 59.3 22.5 41.7#



#48

2-Hexanone

Concen: 2.231 ug/L

RT: 10.887 min Scan# 1581

Delta R.T. -0.035 min

Lab File: VD075583.D

Acq: 05 Apr 2023 17:39

Tgt Ion: 43 Resp: 1866

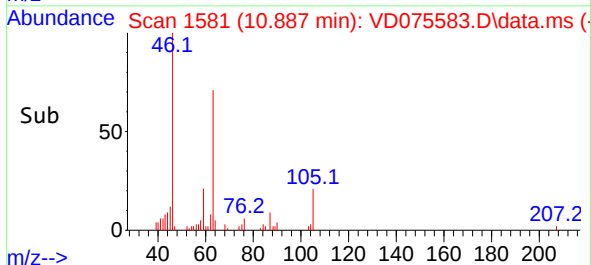
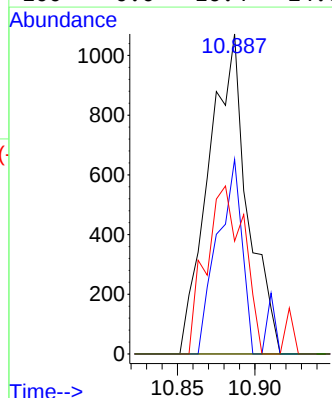
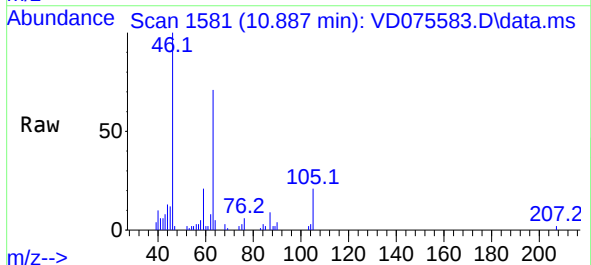
Ion Ratio Lower Upper

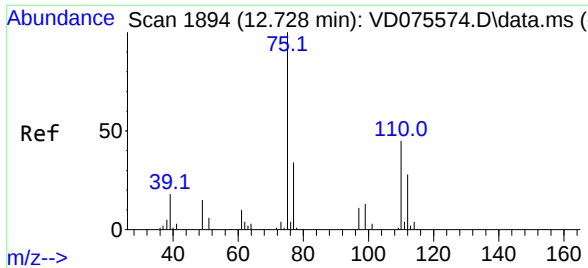
43 100

58 38.5 55.8 83.6#

57 51.2 18.6 27.8#

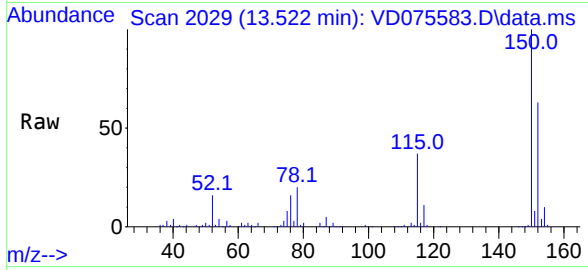
100 0.0 16.4 24.6#





#61
1,2,3-Trichloropropane
Concen: 7.738 ug/L
RT: 13.522 min Scan# 20
Delta R.T. 0.795 min
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Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 75 Resp: 13047

Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.7	38.5
110	1.9	35.9	53.9#

