

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021520.D
 Acq On : 21 Dec 2021 12:40
 Operator : SY/VA
 Sample : M5125-09
 Misc : 10.86g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 01:19:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 01:15:19 2021
 Response via : Initial Calibration

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

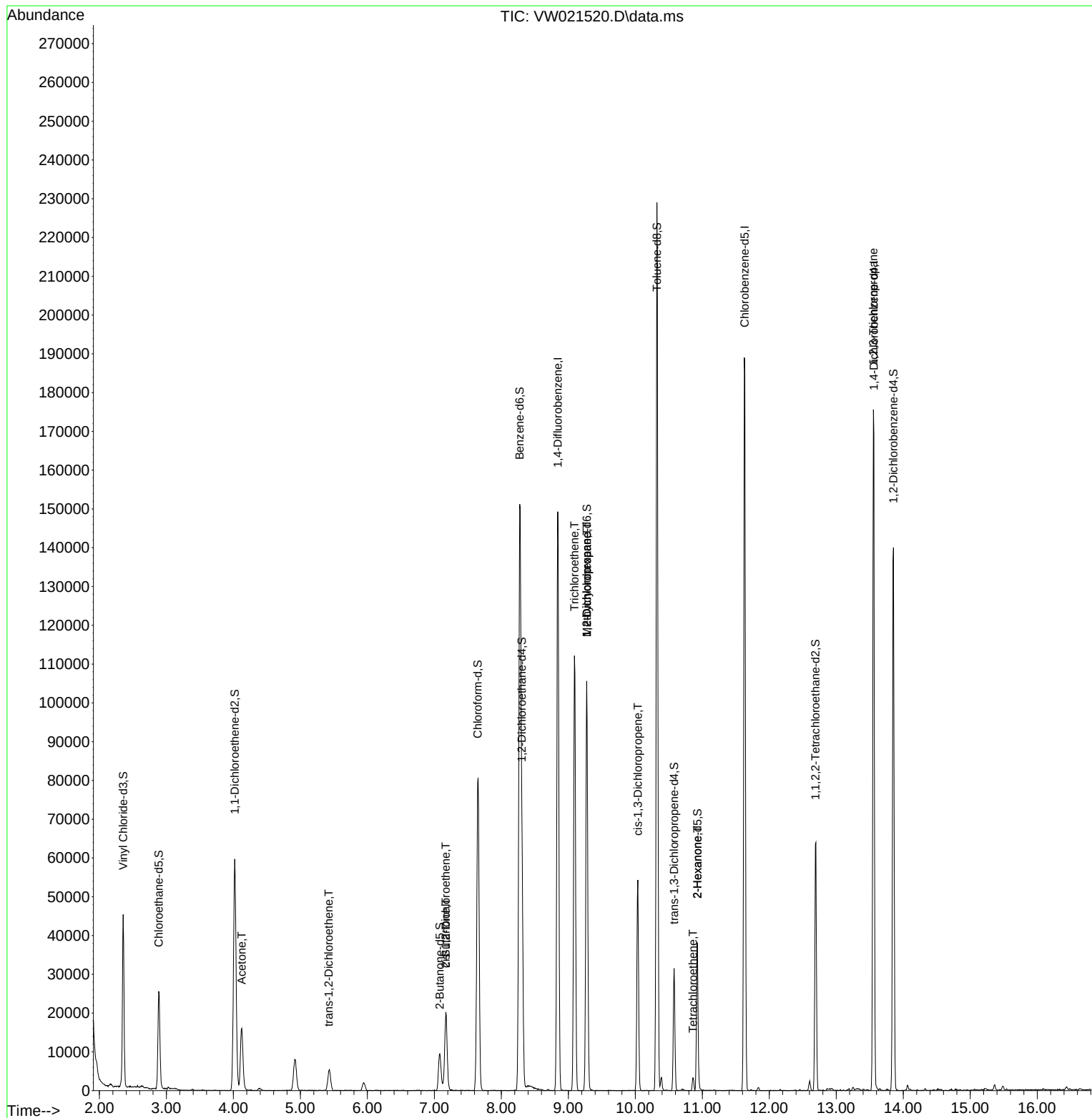
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	131496	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	110772	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	48010	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	41859	17.479	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.920%
7) Chloroethane-d5	2.886	69	29151	18.413	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.640%
11) 1,1-Dichloroethene-d2	4.019	63	55560	17.401	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.600%
21) 2-Butanone-d5	7.080	46	16581	49.117	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.240%
24) Chloroform-d	7.647	84	82062	22.394	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.560%
26) 1,2-Dichloroethane-d4	8.305	65	44155	22.652	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	8.275	84	156596	25.791	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.160%
36) 1,2-Dichloropropane-d6	9.275	67	44793	27.508	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.040%
41) Toluene-d8	10.323	98	146780	23.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.640%
43) trans-1,3-Dichloroprop...	10.579	79	16649	22.205	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.840%
47) 2-Hexanone-d5	10.927	63	13018	54.063	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.120%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	29474	21.055	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	37357	20.077	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.320%
Target Compounds						Qvalue
13) Acetone	4.123	43	28441	93.978	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	1806	1.023	ug/L	79
20) cis-1,2-Dichloroethene	7.171	96	9061	4.868	ug/L	77
22) 2-Butanone	7.171	43	7963	20.148	ug/L	91
34) Trichloroethene	9.092	95	38091	22.487	ug/L	93
35) Methylcyclohexane	9.275	83	11900	4.259	ug/L	# 14
37) 1,2-Dichloropropane	9.275	63	5554	4.126	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1575	0.742	ug/L	# 78
46) Tetrachloroethene	10.860	164	746	0.464	ug/L	92
48) 2-Hexanone	10.927	43	1771	3.330	ug/L	# 70
61) 1,2,3-Trichloropropane	13.554	75	5029	7.197	ug/L	# 68

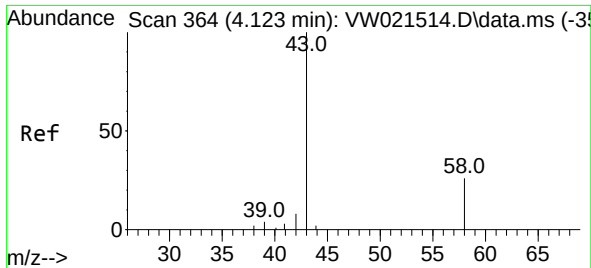
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 22 01:15:19 2021
Response via : Initial Calibration





#13

Acetone

Concen: 93.978 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW021520.D

Acq: 21 Dec 2021 12:40

Instrument :

MSVOA_W

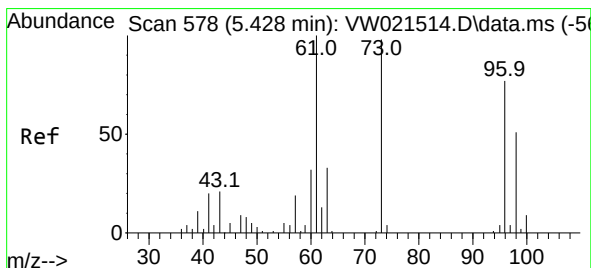
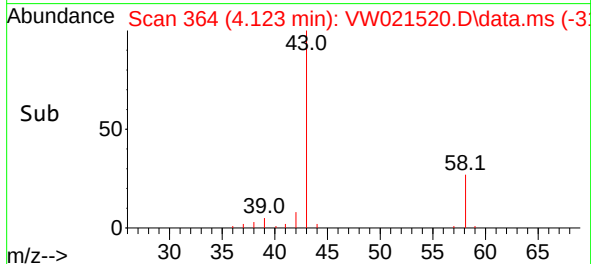
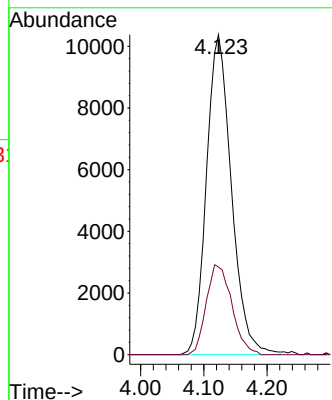
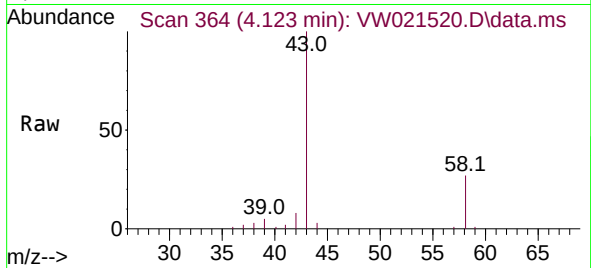
ClientSampleId :

Tgt Ion: 43 Resp: 28441

Ion Ratio Lower Upper

43 100

58 28.8 0.0 52.8



#17

trans-1,2-Dichloroethene

Concen: 1.023 ug/L

RT: 5.422 min Scan# 577

Delta R.T. -0.006 min

Lab File: VW021520.D

Acq: 21 Dec 2021 12:40

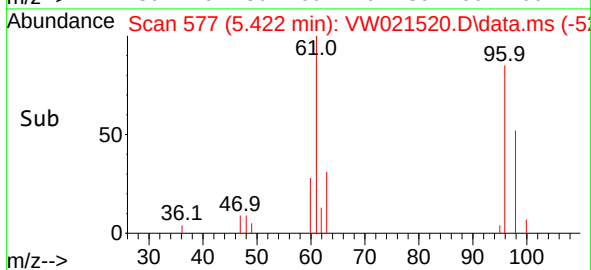
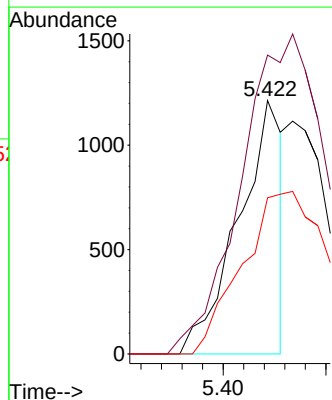
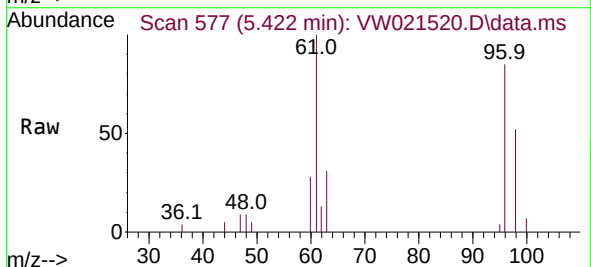
Tgt Ion: 96 Resp: 1806

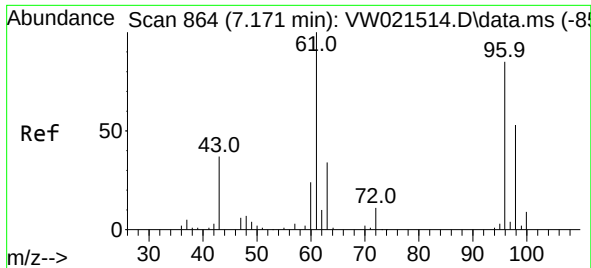
Ion Ratio Lower Upper

96 100

61 118.0 107.4 199.4

98 61.6 41.2 76.6



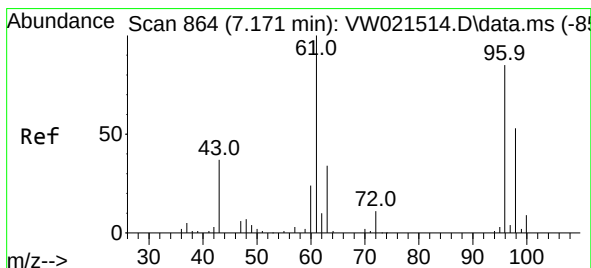
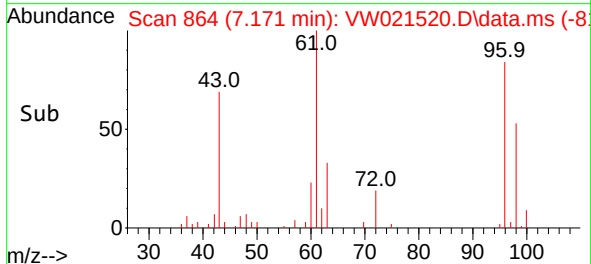
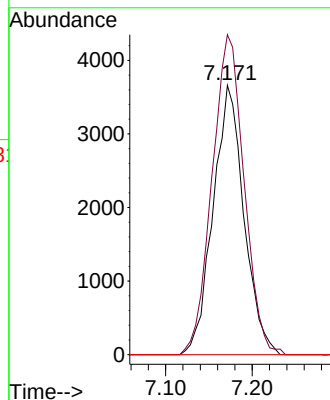
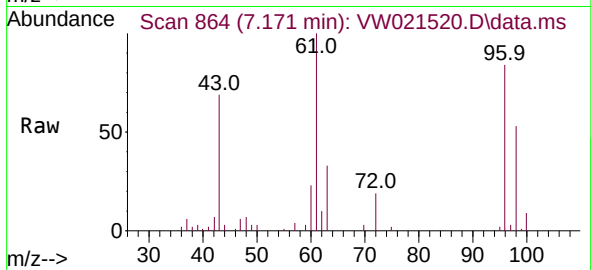


#20
 cis-1,2-Dichloroethene
 Concen: 4.868 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW021520.D
 Acq: 21 Dec 2021 12:40

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 9061

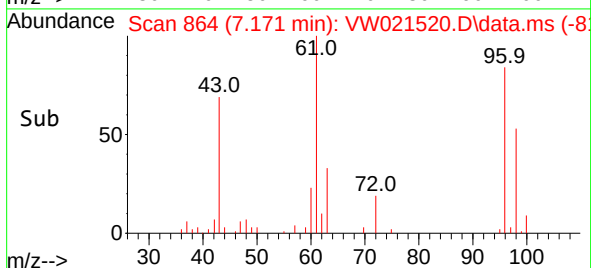
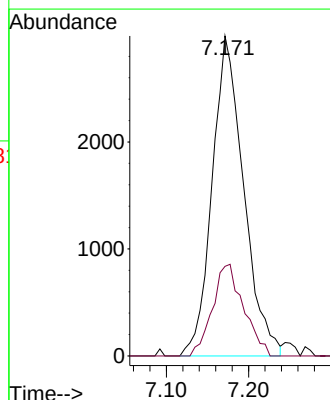
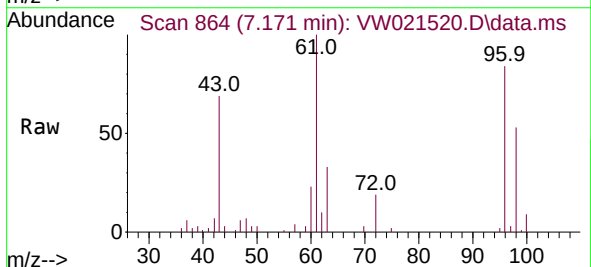
Ion	Ratio	Lower	Upper
96	100		
61	118.8	103.7	192.7
68	0.0	0.0	0.0

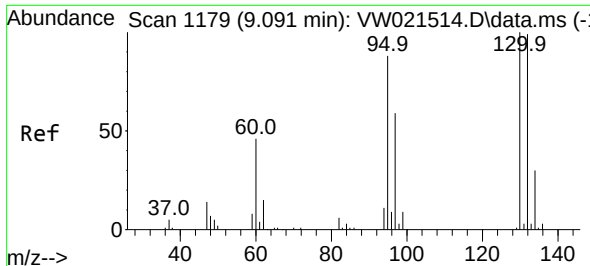


#22
 2-Butanone
 Concen: 20.148 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW021520.D
 Acq: 21 Dec 2021 12:40

Tgt Ion: 43 Resp: 7963

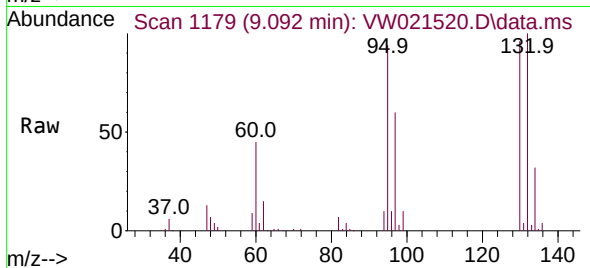
Ion	Ratio	Lower	Upper
43	100		
72	28.2	11.8	35.4



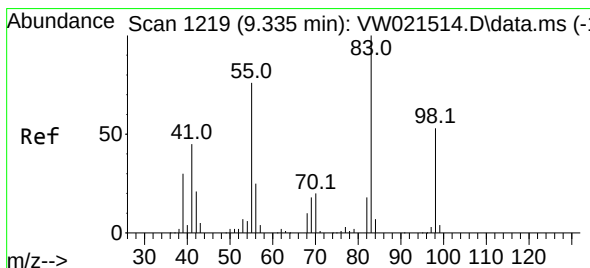
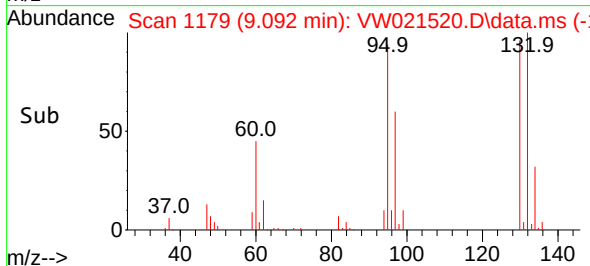
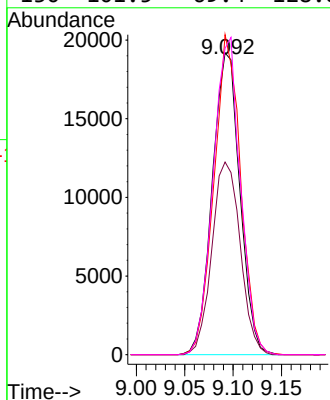


#34
Trichloroethene
Concen: 22.487 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021520.D
Acq: 21 Dec 2021 12:40

Instrument :
MSVOA_W
ClientSampleId :

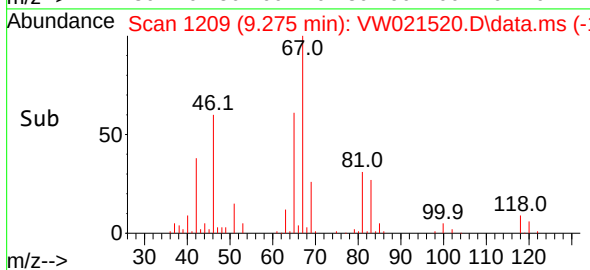
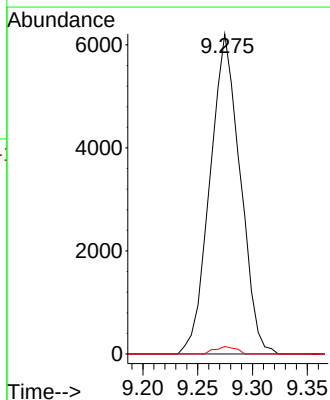
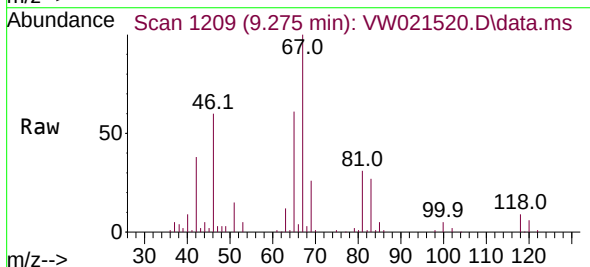


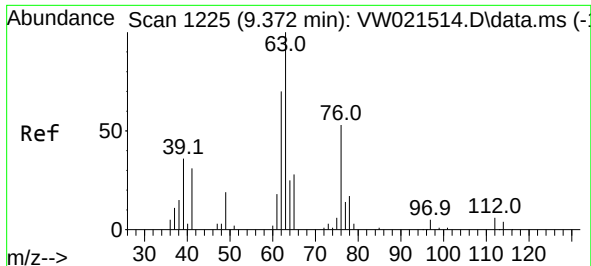
Tgt Ion: 95 Resp: 38091
Ion Ratio Lower Upper
95 100
97 63.9 47.0 87.2
132 106.0 65.5 121.6
130 101.5 69.4 128.8



#35
Methylcyclohexane
Concen: 4.259 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021520.D
Acq: 21 Dec 2021 12:40

Tgt Ion: 83 Resp: 11900
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.6 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 4.126 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW021520.D

Acq: 21 Dec 2021 12:40

Instrument :

MSVOA_W

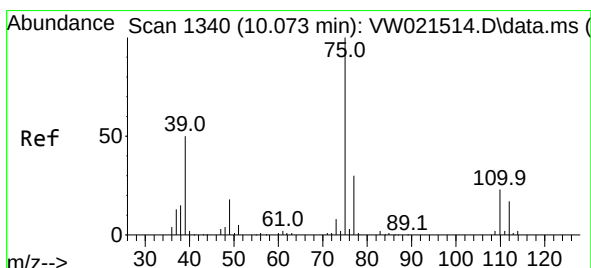
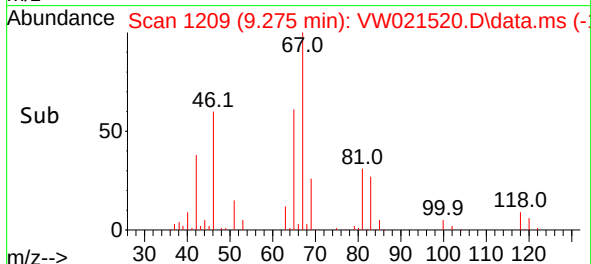
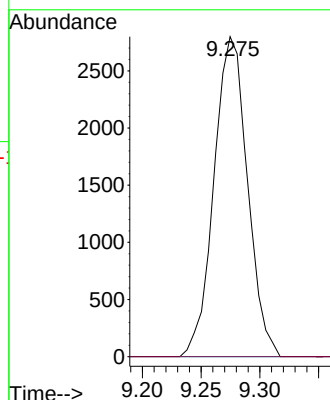
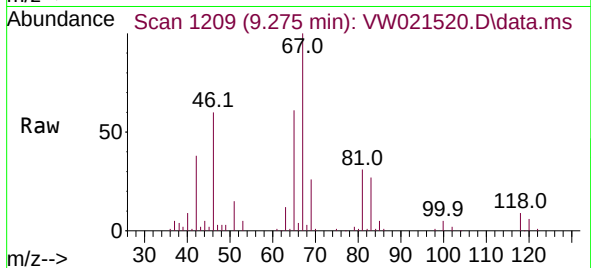
ClientSampleId :

Tgt Ion: 63 Resp: 5554

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.742 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW021520.D

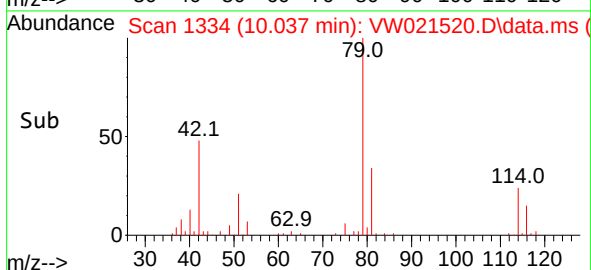
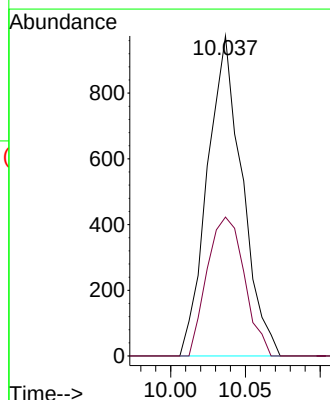
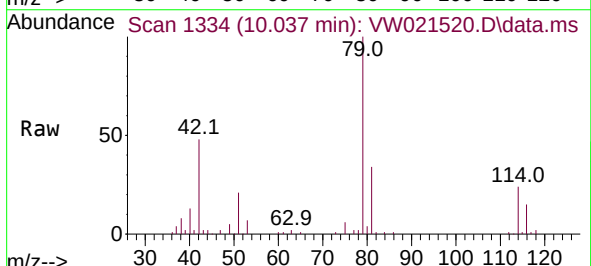
Acq: 21 Dec 2021 12:40

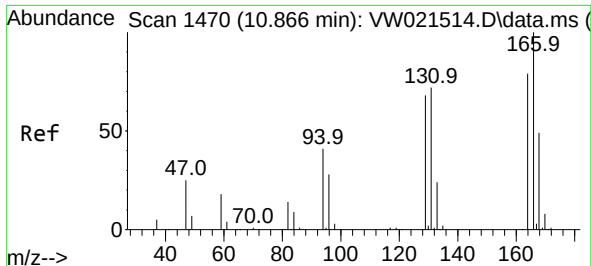
Tgt Ion: 75 Resp: 1575

Ion Ratio Lower Upper

75 100

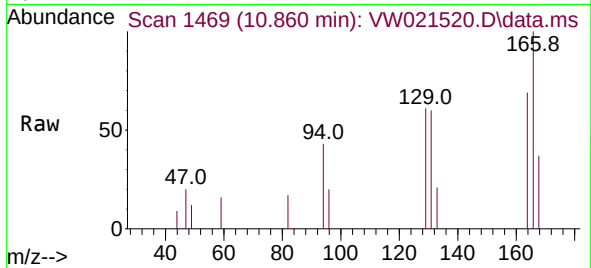
77 43.4 21.8 40.6#



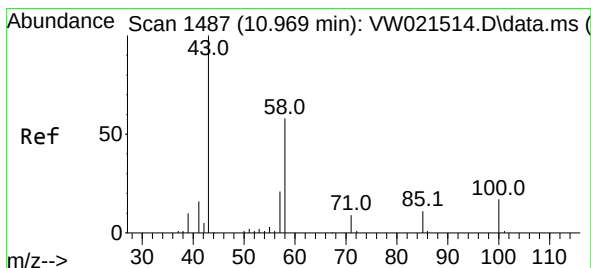
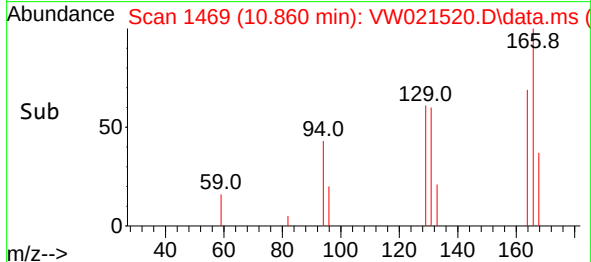
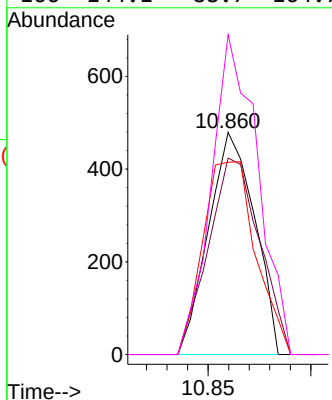


#46
Tetrachloroethene
Concen: 0.464 ug/L
RT: 10.860 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VW021520.D
Acq: 21 Dec 2021 12:40

Instrument :
MSVOA_W
ClientSampleId :

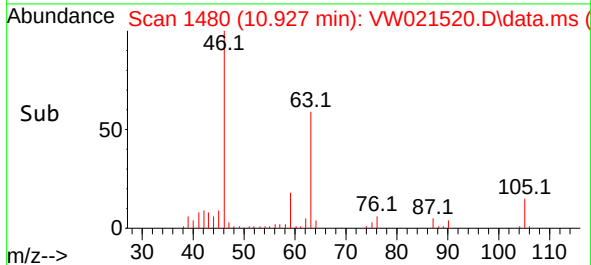
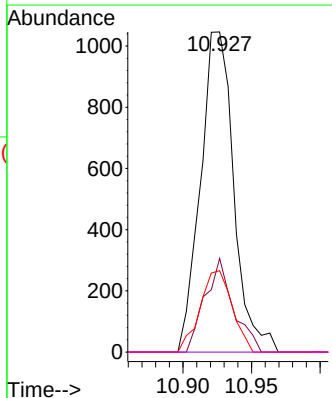
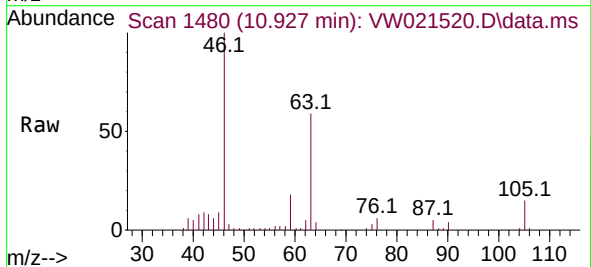


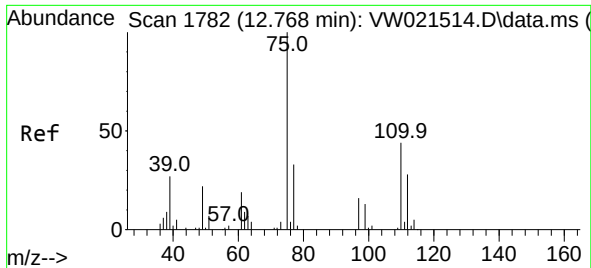
Tgt Ion:164 Resp: 746
Ion Ratio Lower Upper
164 100
129 88.5 65.5 121.7
131 86.6 59.7 110.9
166 144.1 88.7 164.7



#48
2-Hexanone
Concen: 3.330 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.042 min
Lab File: VW021520.D
Acq: 21 Dec 2021 12:40

Tgt Ion: 43 Resp: 1771
Ion Ratio Lower Upper
43 100
58 25.0 40.2 60.2#
57 24.4 14.3 21.5#
100 0.0 8.0 12.0#





#61

1,2,3-Trichloropropane

Concen: 7.197 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.787 min

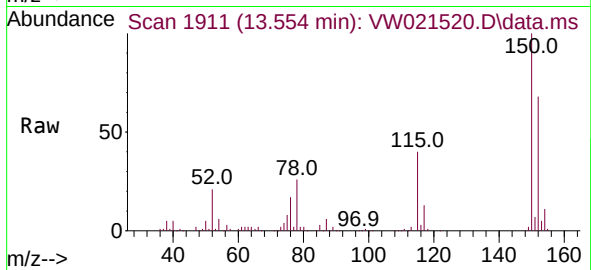
Lab File: VW021520.D

Acq: 21 Dec 2021 12:40

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 75 Resp: 5029

Ion Ratio Lower Upper

75 100

77 36.0 25.8 38.8

110 3.9 29.0 43.4#

