

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021087.D
 Acq On : 04 Dec 2021 00:28
 Operator : SY/VA
 Sample : M4881-14RE
 Misc : 4.61g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 01:43:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

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

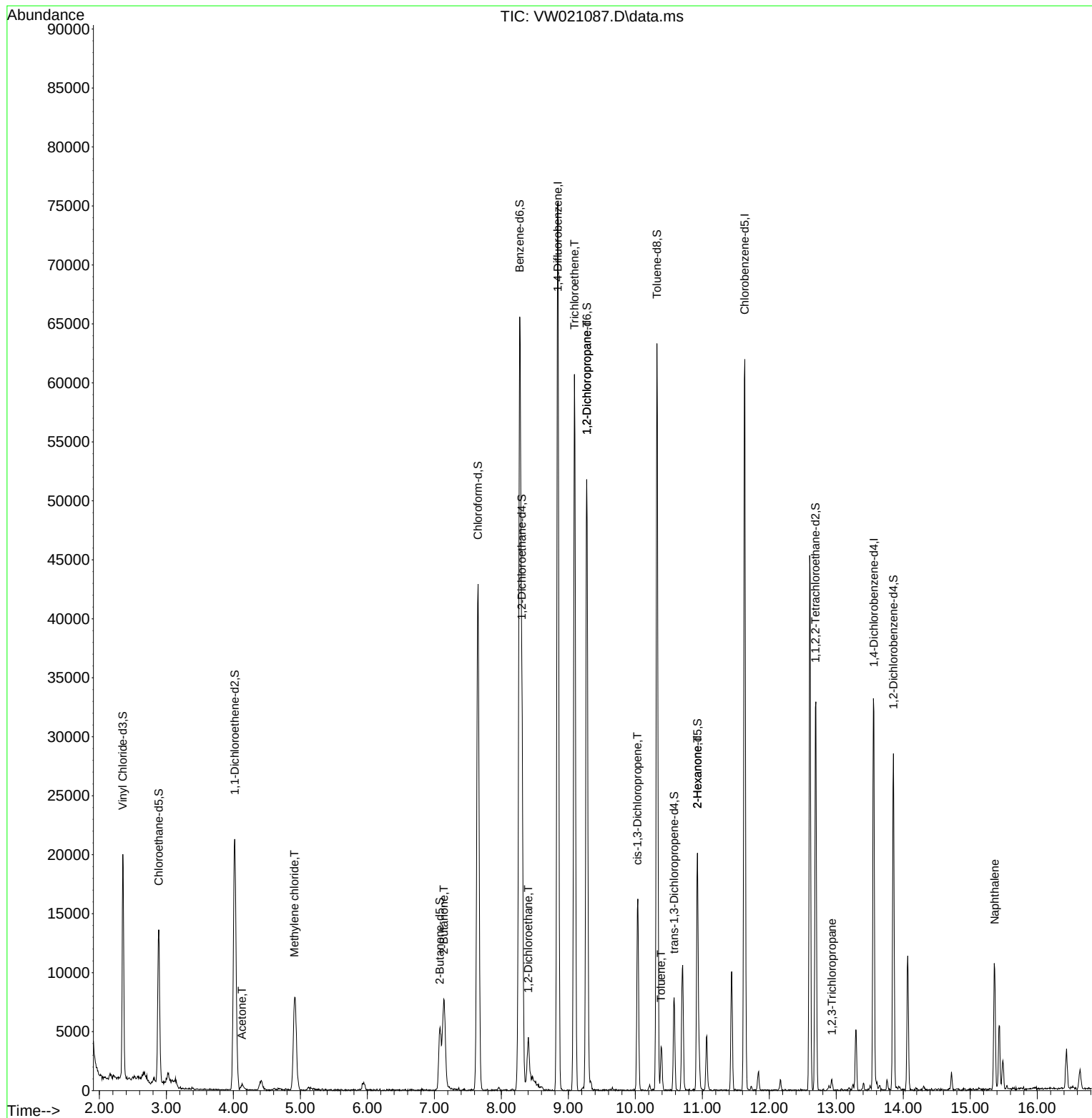
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	63933	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	35191	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	9280	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	16921	18.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.000%
7) Chloroethane-d5	2.885	69	14487	24.295	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	4.019	63	19996	14.052	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.200%
21) 2-Butanone-d5	7.080	46	8652	42.584	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.160%
24) Chloroform-d	7.653	84	41781	26.095	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.360%
26) 1,2-Dichloroethane-d4	8.305	65	22417	25.592	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.360%
32) Benzene-d6	8.275	84	64085	35.616	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	142.480%#
36) 1,2-Dichloropropane-d6	9.274	67	22120	44.237	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	176.960%#
41) Toluene-d8	10.323	98	41321	22.396	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	10.579	79	4392	19.344	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.360%
47) 2-Hexanone-d5	10.927	63	6265	65.486	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.980%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	15163	32.778	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	131.120%#
66) 1,2-Dichlorobenzene-d4	13.853	152	7582	22.803	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	1023	5.527	ug/L	76
16) Methylene chloride	4.909	84	6489	6.442	ug/L	74
22) 2-Butanone	7.141	43	3463	13.521	ug/L	# 52
27) 1,2-Dichloroethane	8.403	62	3250	3.159	ug/L	97
34) Trichloroethene	9.092	95	19268	34.900	ug/L	94
37) 1,2-Dichloropropane	9.274	63	2889	6.387	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	487	0.666	ug/L	# 76
42) Toluene	10.384	91	3117	1.364	ug/L	97
48) 2-Hexanone	10.927	43	959	4.314	ug/L	# 70
61) 1,2,3-Trichloropropane	12.932	75	139	0.894	ug/L	# 40
71) Naphthalene	15.365	128	9674	14.190	ug/L	99

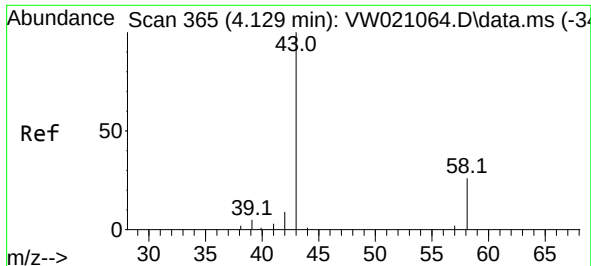
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 04 01:31:24 2021
Response via : Initial Calibration





#13

Acetone

Concen: 5.527 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW021087.D

Acq: 04 Dec 2021 00:28

Instrument :

MSVOA_W

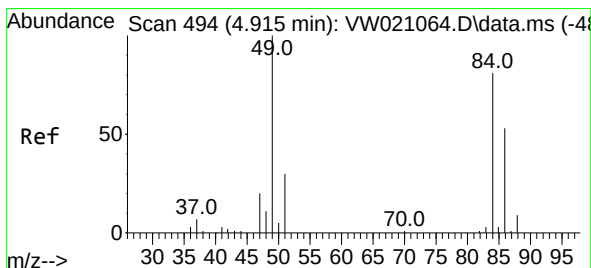
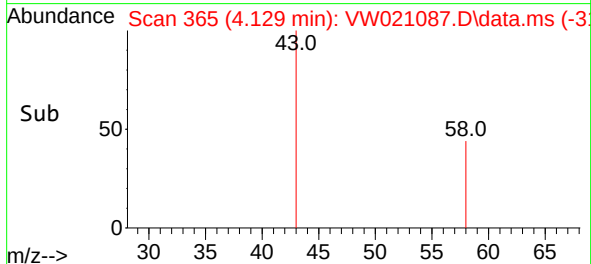
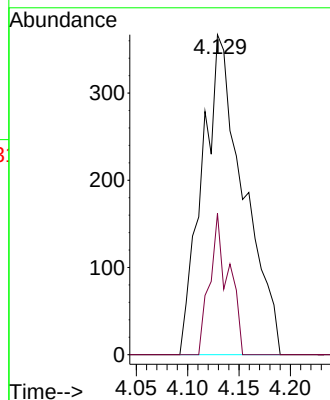
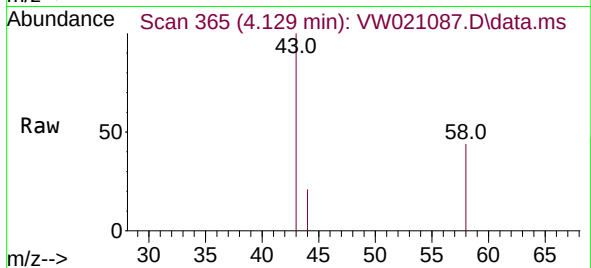
ClientSampleId :

Tgt Ion: 43 Resp: 1023

Ion Ratio Lower Upper

43 100

58 13.9 0.0 52.8



#16

Methylene chloride

Concen: 6.442 ug/L

RT: 4.909 min Scan# 493

Delta R.T. -0.006 min

Lab File: VW021087.D

Acq: 04 Dec 2021 00:28

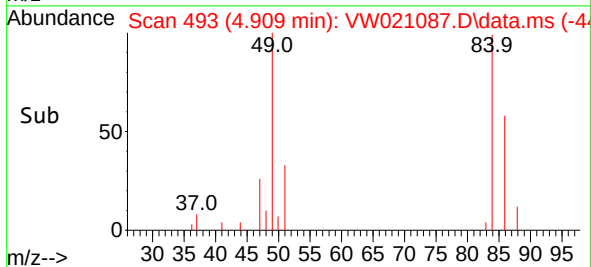
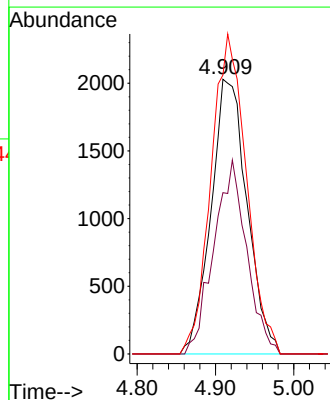
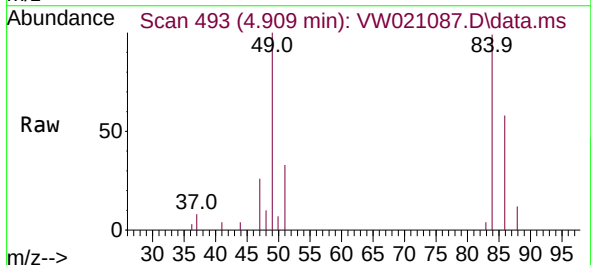
Tgt Ion: 84 Resp: 6489

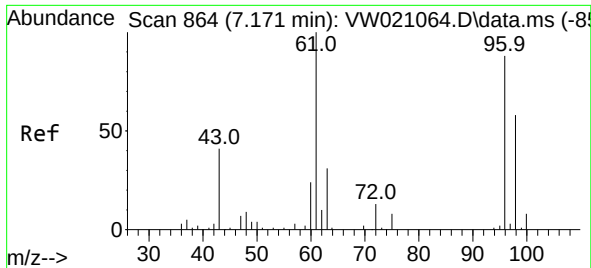
Ion Ratio Lower Upper

84 100

86 58.7 45.5 84.5

49 101.5 100.5 186.7

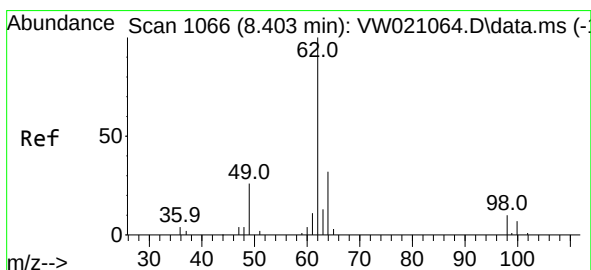
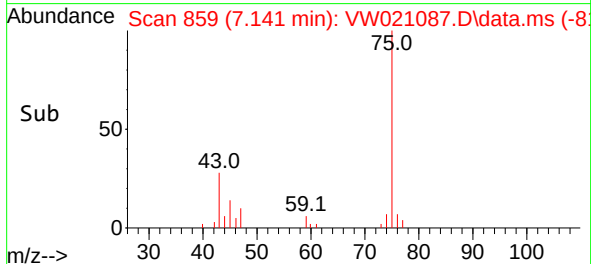
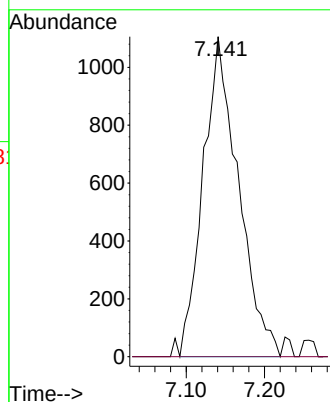
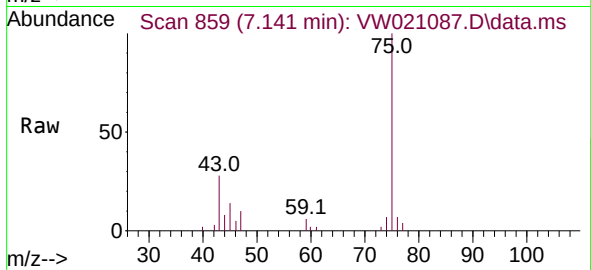




#22
2-Butanone
Concen: 13.521 ug/L
RT: 7.141 min Scan# 864
Delta R.T. -0.030 min
Lab File: VW021087.D
Acq: 04 Dec 2021 00:28

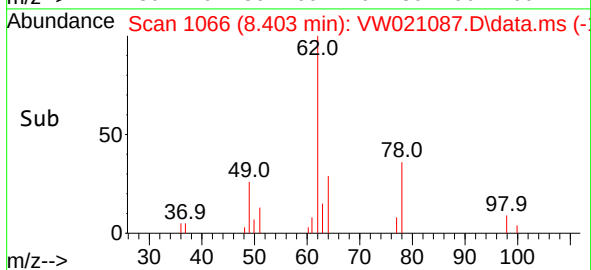
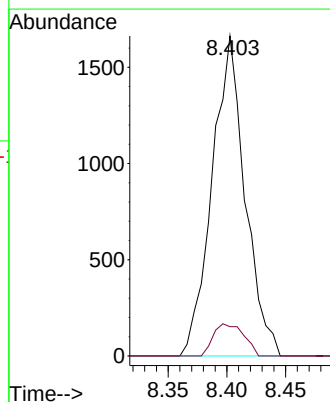
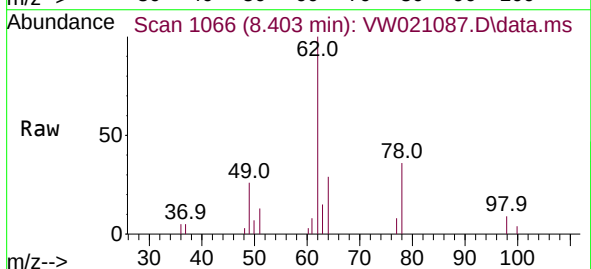
Instrument :
MSVOA_W
ClientSampleId :

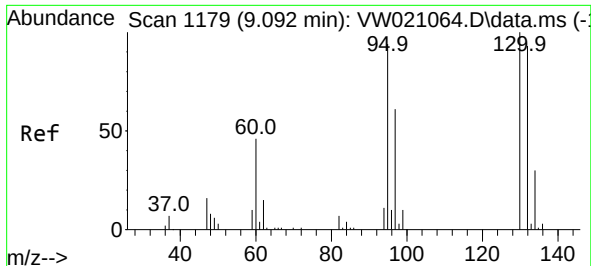
Tgt Ion: 43 Resp: 3463
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



#27
1,2-Dichloroethane
Concen: 3.159 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021087.D
Acq: 04 Dec 2021 00:28

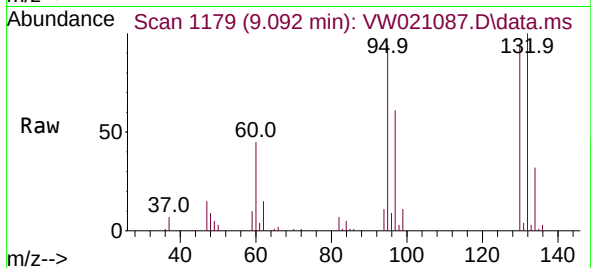
Tgt Ion: 62 Resp: 3250
Ion Ratio Lower Upper
62 100
98 9.1 6.5 9.7



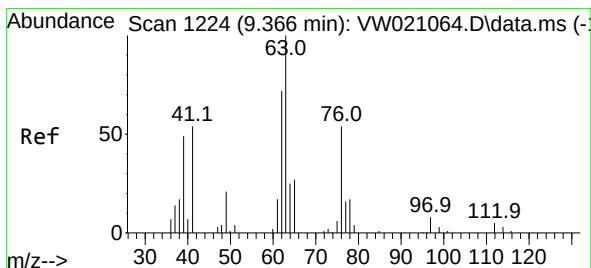
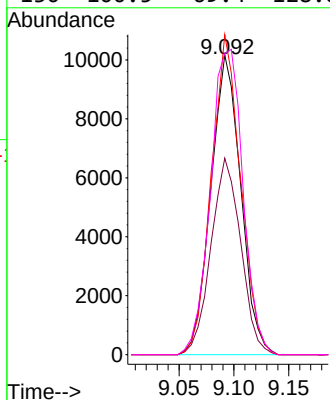
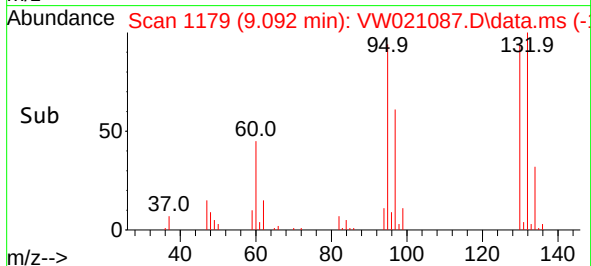


#34
Trichloroethene
Concen: 34.900 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021087.D
Acq: 04 Dec 2021 00:28

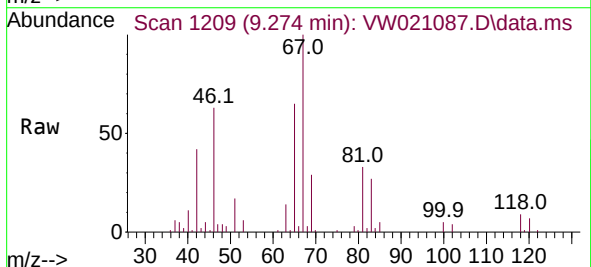
Instrument :
MSVOA_W
ClientSampleId :



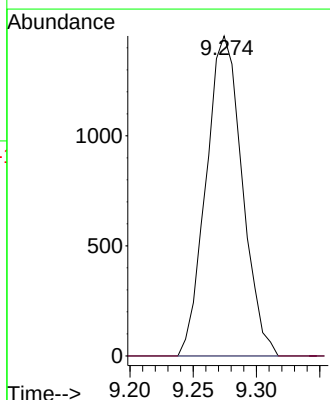
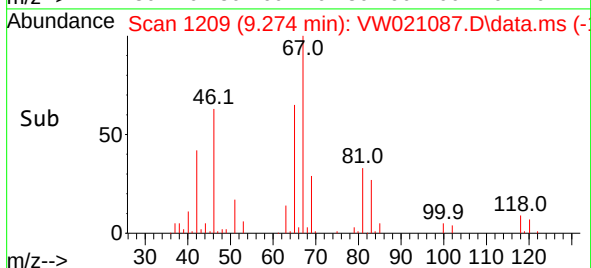
Tgt Ion: 95 Resp: 19268
Ion Ratio Lower Upper
95 100
97 65.6 47.0 87.2
132 106.8 65.5 121.6
130 100.5 69.4 128.8

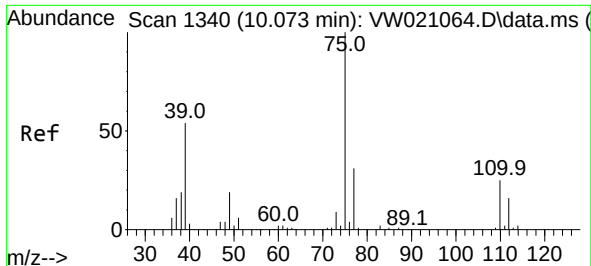


#37
1,2-Dichloropropane
Concen: 6.387 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021087.D
Acq: 04 Dec 2021 00:28



Tgt Ion: 63 Resp: 2889
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.666 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021087.D

Acq: 04 Dec 2021 00:28

Instrument :

MSVOA_W

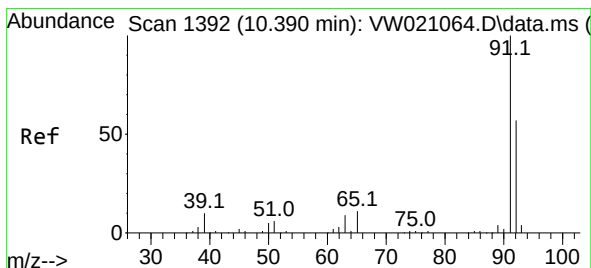
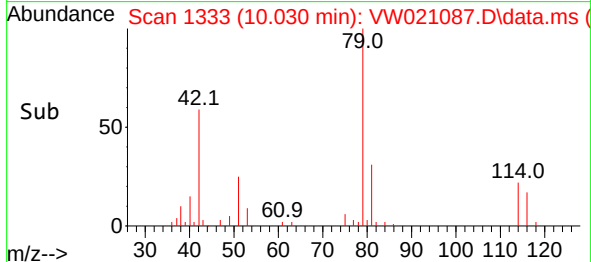
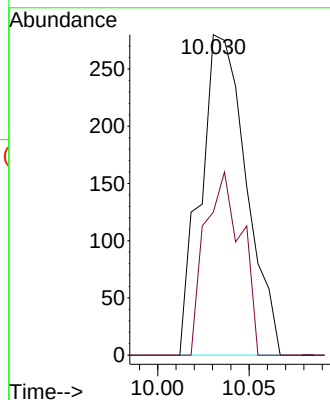
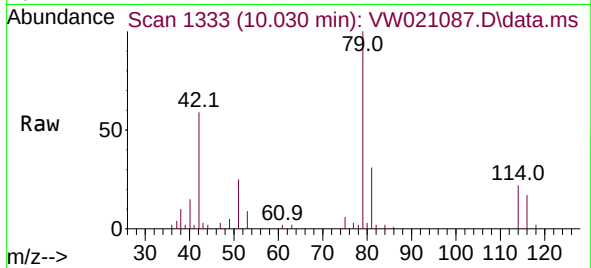
ClientSampleId :

Tgt Ion: 75 Resp: 487

Ion Ratio Lower Upper

75 100

77 44.6 21.8 40.6#



#42

Toluene

Concen: 1.364 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW021087.D

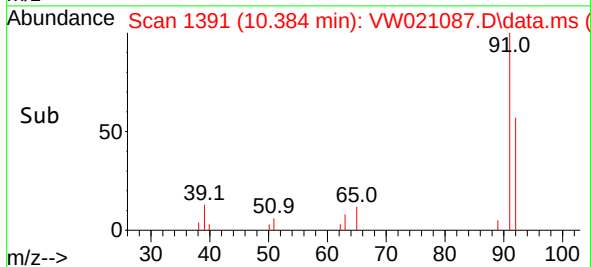
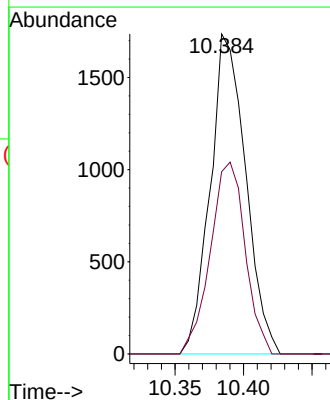
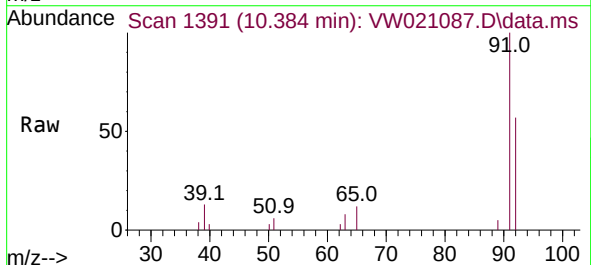
Acq: 04 Dec 2021 00:28

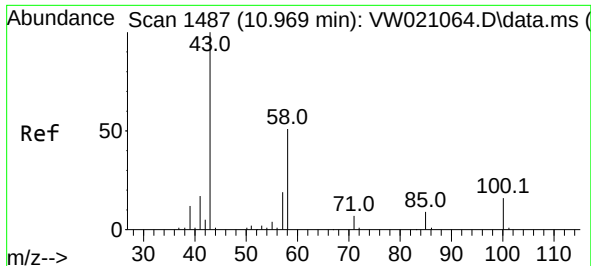
Tgt Ion: 91 Resp: 3117

Ion Ratio Lower Upper

91 100

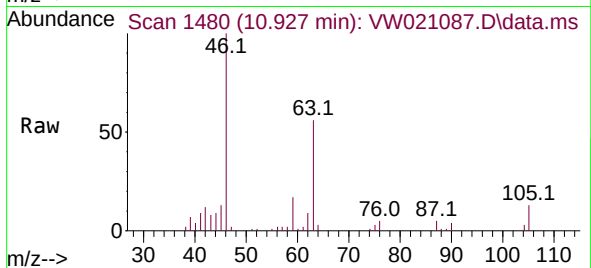
92 57.0 41.7 77.5



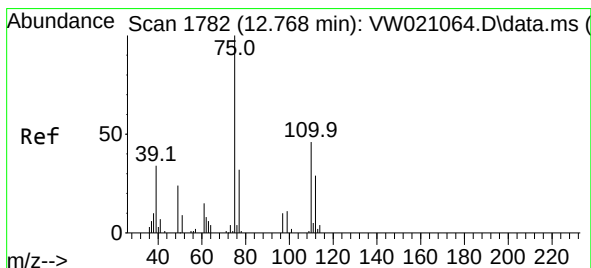
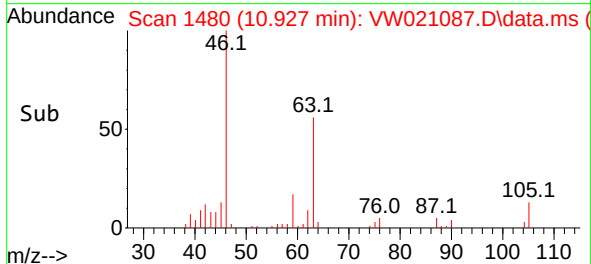
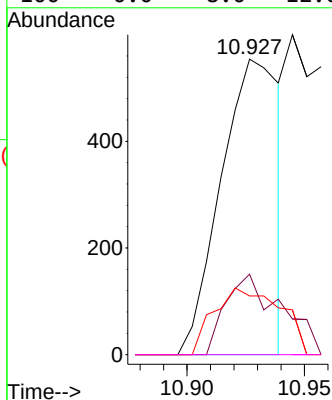


#48
2-Hexanone
Concen: 4.314 ug/L
RT: 10.927 min Scan# 1487
Delta R.T. -0.043 min
Lab File: VW021087.D
Acq: 04 Dec 2021 00:28

Instrument :
MSVOA_W
ClientSampleId :

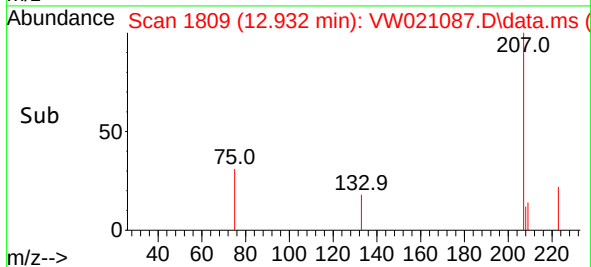
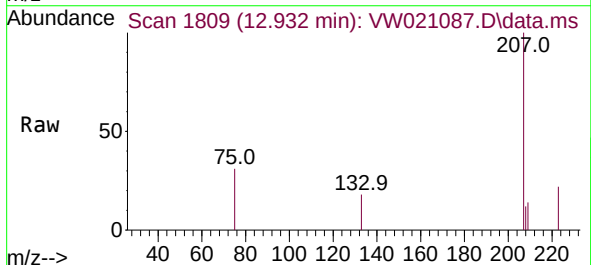
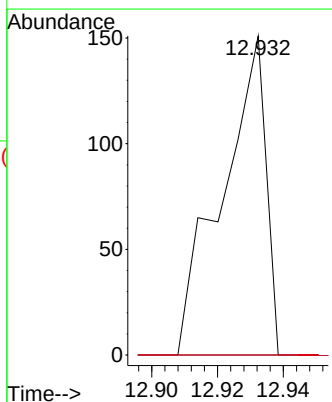


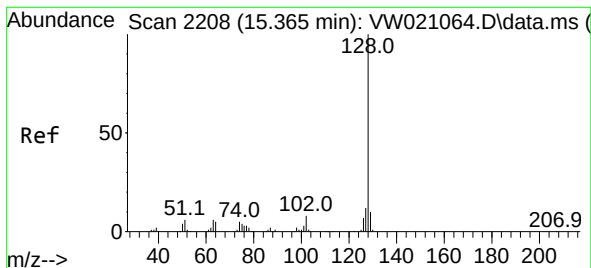
Tgt Ion:	43	Resp:	959
Ion	Ratio	Lower	Upper
43	100		
58	26.0	40.2	60.2#
57	25.9	14.3	21.5#
100	0.0	8.0	12.0#



#61
1,2,3-Trichloropropane
Concen: 0.894 ug/L
RT: 12.932 min Scan# 1809
Delta R.T. 0.165 min
Lab File: VW021087.D
Acq: 04 Dec 2021 00:28

Tgt Ion:	75	Resp:	139
Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.8#
110	0.0	29.0	43.4#





#71

Naphthalene

Concen: 14.190 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

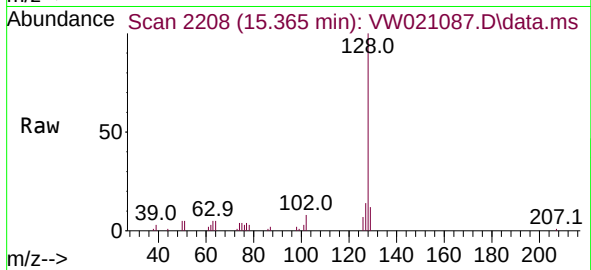
Lab File: VW021087.D

Acq: 04 Dec 2021 00:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:128 Resp: 9674

Ion Ratio Lower Upper

128 100

127 14.0 10.7 16.1

129 11.0 8.6 12.8

