

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021529.D
 Acq On : 21 Dec 2021 17:01
 Operator : SY/VA
 Sample : M5121-01RE
 Misc : 6.56g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 01:22:06 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)

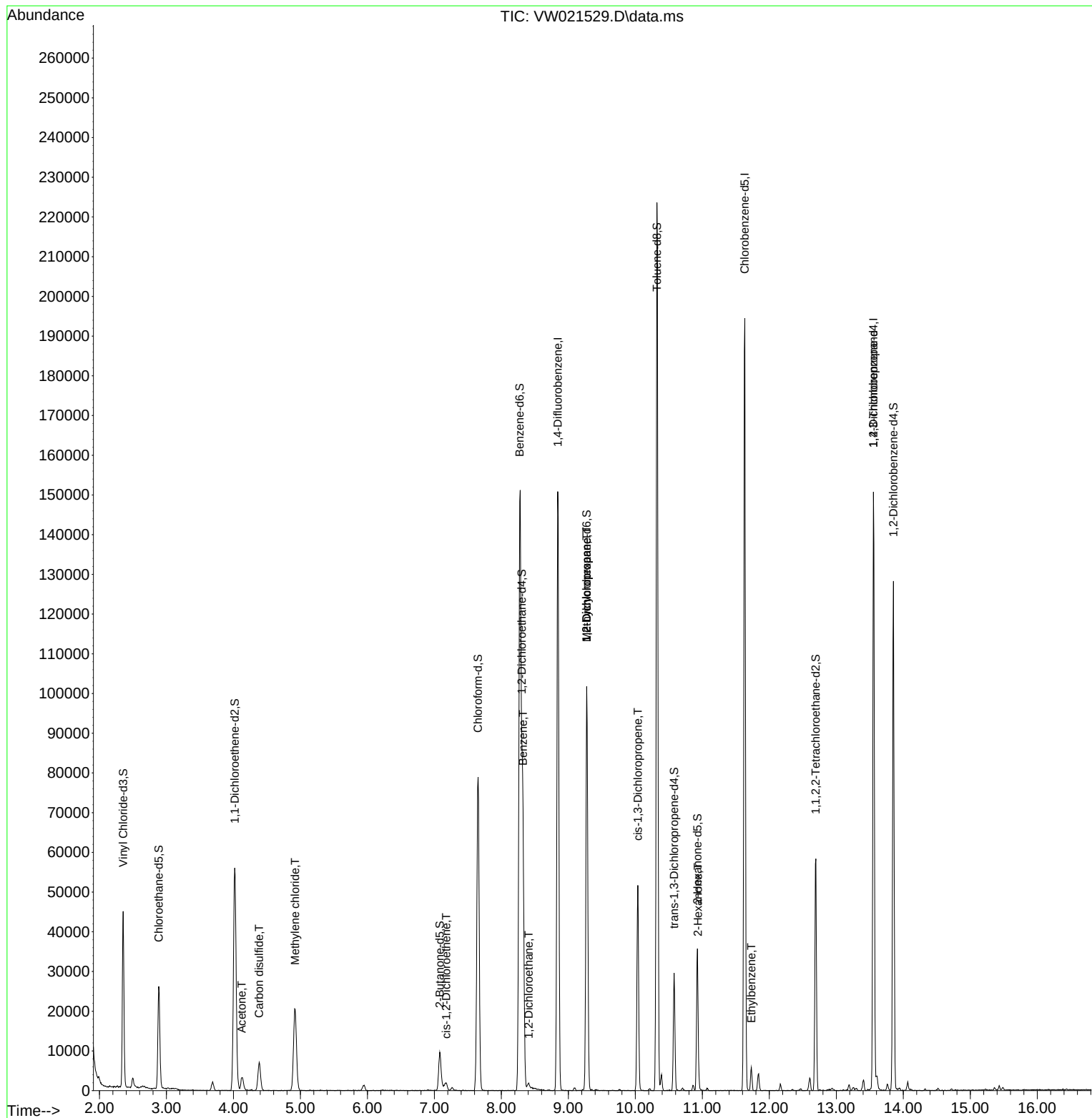
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	126890	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	109646	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	40546	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	43286	18.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.920%
7) Chloroethane-d5	2.885	69	30326	19.850	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	4.019	63	53565	17.386	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.560%
21) 2-Butanone-d5	7.079	46	16128	49.509	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.020%
24) Chloroform-d	7.653	84	80175	22.673	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.680%
26) 1,2-Dichloroethane-d4	8.305	65	42456	22.571	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.280%
32) Benzene-d6	8.274	84	155371	25.852	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	9.274	67	42150	26.150	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.600%
41) Toluene-d8	10.323	98	144196	23.482	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.920%
43) trans-1,3-Dichloroprop...	10.579	79	15102	20.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.400%
47) 2-Hexanone-d5	10.926	63	11667	48.950	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.900%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	26891	19.408	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	32785	20.864	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.440%
Target Compounds						Qvalue
13) Acetone	4.123	43	6341	21.713	ug/L	98
14) Carbon disulfide	4.385	76	14709	3.621	ug/L	98
16) Methylene chloride	4.921	84	16195	7.724	ug/L	82
20) cis-1,2-Dichloroethene	7.177	96	1185	0.660	ug/L #	61
27) 1,2-Dichloroethane	8.408	62	1254	0.638	ug/L #	77
33) Benzene	8.323	78	42010	7.033	ug/L	100
35) Methylcyclohexane	9.274	83	11212	4.054	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	5411	4.061	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1522	0.725	ug/L #	77
48) 2-Hexanone	10.932	43	2097	3.983	ug/L #	64
52) Ethylbenzene	11.731	91	4270	0.535	ug/L	99
61) 1,2,3-Trichloropropane	13.554	75	4482	7.595	ug/L #	66

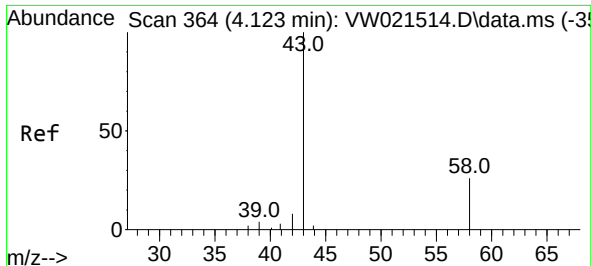
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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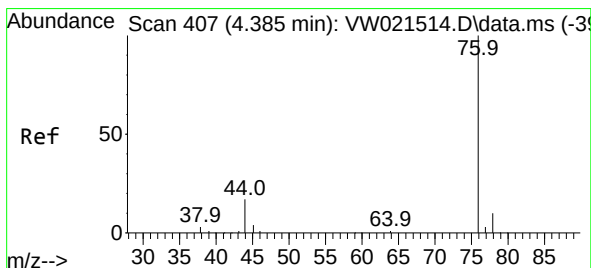
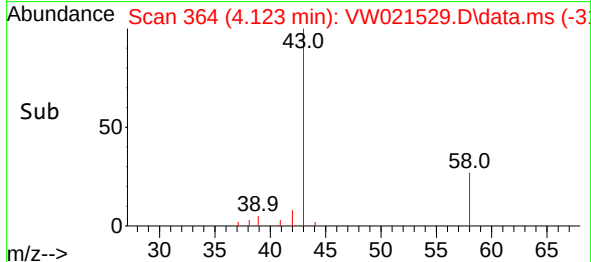
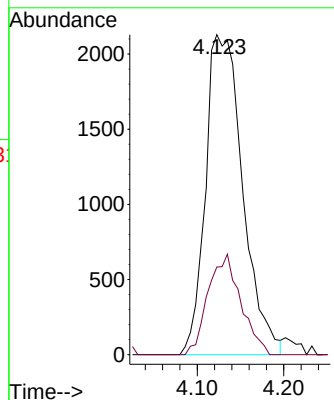
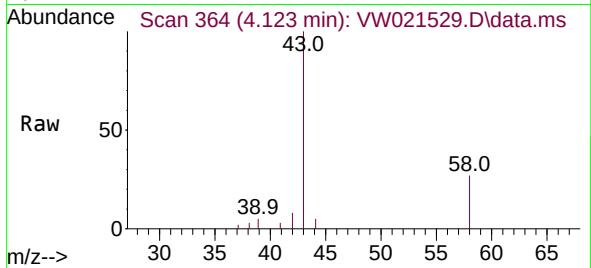




#13
Acetone
Concen: 21.713 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW021529.D
Acq: 21 Dec 2021 17:01

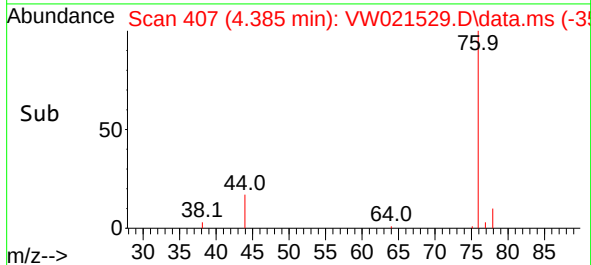
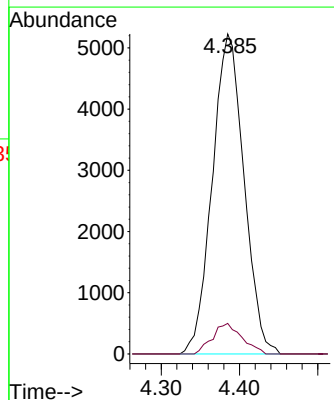
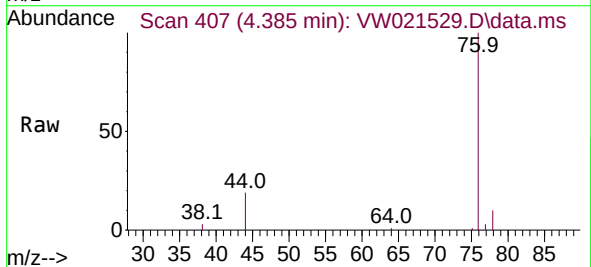
Instrument :
MSVOA_W
ClientSampleId :

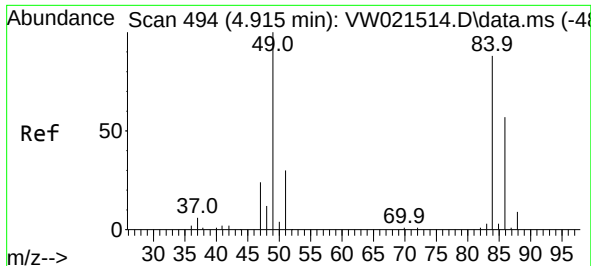
Tgt Ion: 43 Resp: 6341
Ion Ratio Lower Upper
43 100
58 27.6 0.0 52.8



#14
Carbon disulfide
Concen: 3.621 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW021529.D
Acq: 21 Dec 2021 17:01

Tgt Ion: 76 Resp: 14709
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7

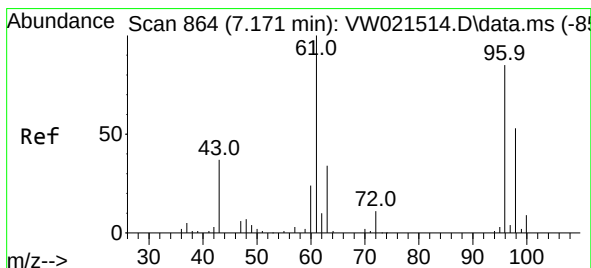
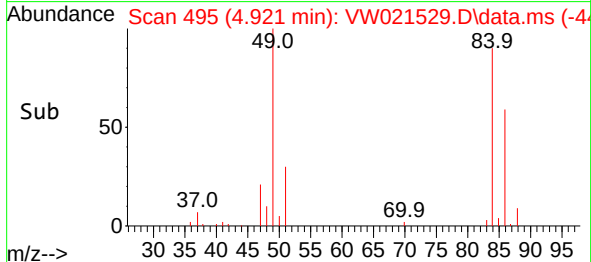
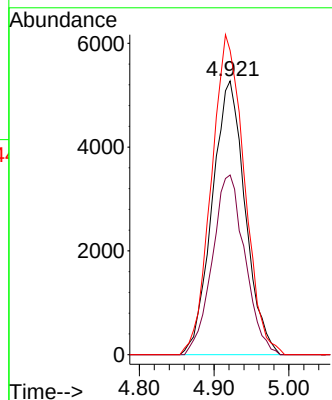
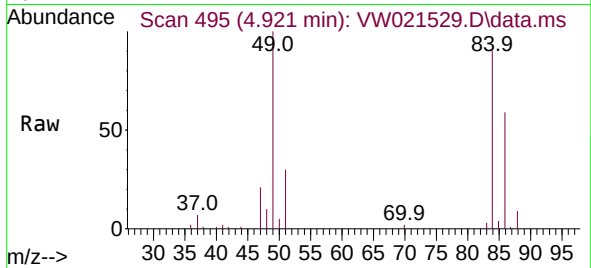




#16
Methylene chloride
Concen: 7.724 ug/L
RT: 4.921 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021529.D
Acq: 21 Dec 2021 17:01

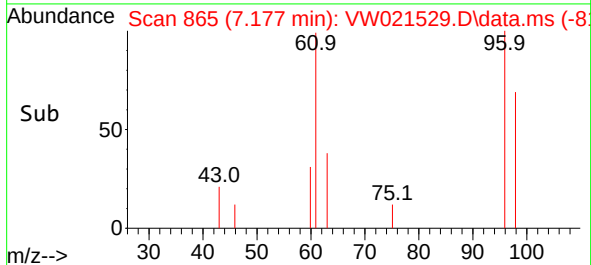
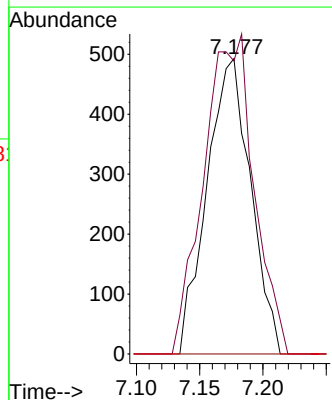
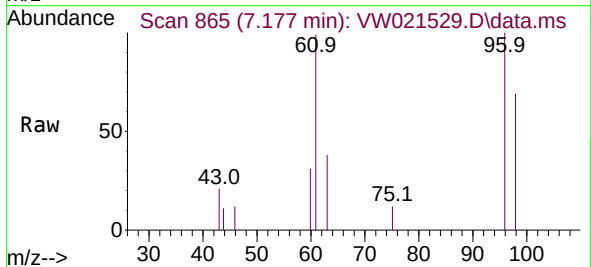
Instrument :
MSVOA_W
ClientSampleId :

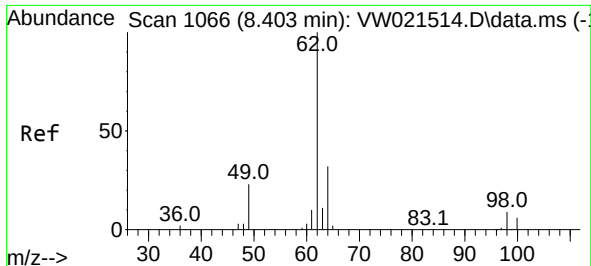
Tgt Ion: 84 Resp: 16195
Ion Ratio Lower Upper
84 100
86 65.6 45.5 84.5
49 111.1 100.5 186.7



#20
cis-1,2-Dichloroethene
Concen: 0.660 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW021529.D
Acq: 21 Dec 2021 17:01

Tgt Ion: 96 Resp: 1185
Ion Ratio Lower Upper
96 100
61 99.2 103.7 192.7#
68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.638 ug/L

RT: 8.408 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW021529.D

Acq: 21 Dec 2021 17:01

Instrument :

MSVOA_W

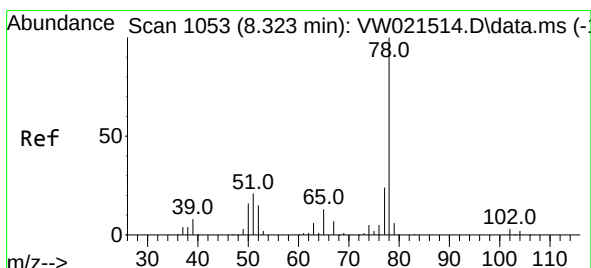
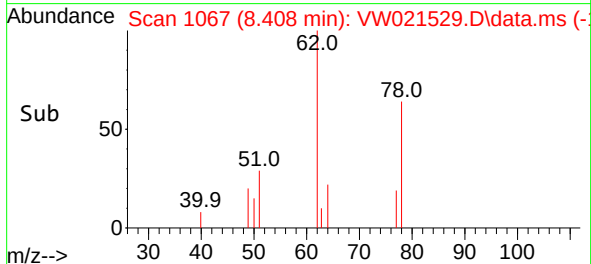
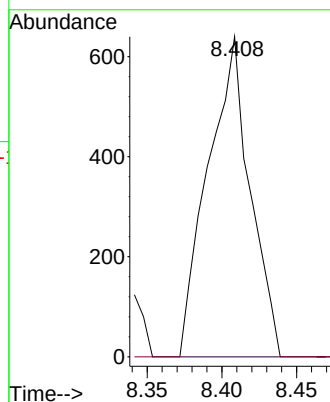
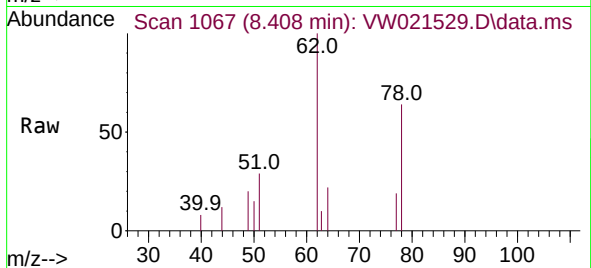
ClientSampleId :

Tgt Ion: 62 Resp: 1254

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#33

Benzene

Concen: 7.033 ug/L

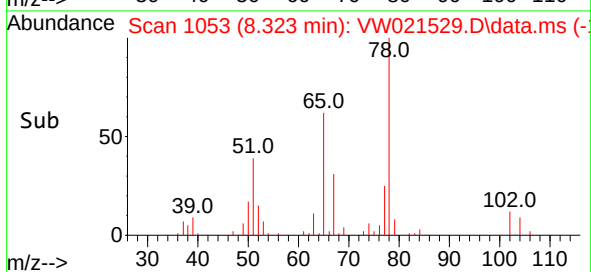
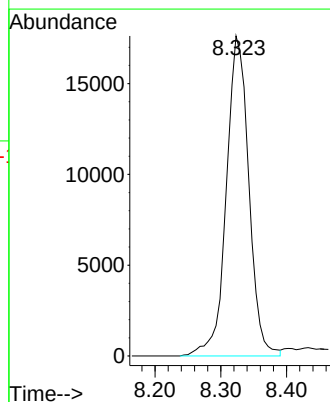
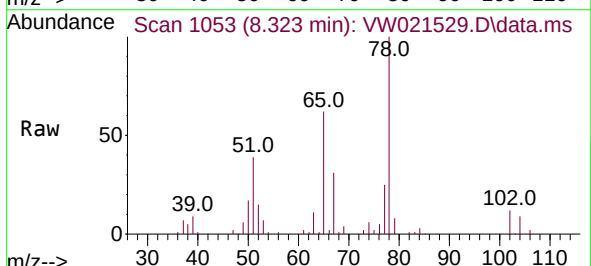
RT: 8.323 min Scan# 1053

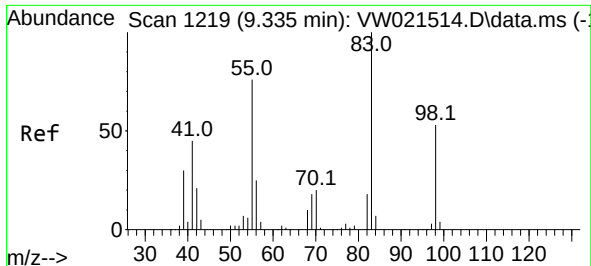
Delta R.T. -0.000 min

Lab File: VW021529.D

Acq: 21 Dec 2021 17:01

Tgt Ion: 78 Resp: 42010





#35

Methylcyclohexane

Concen: 4.054 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021529.D

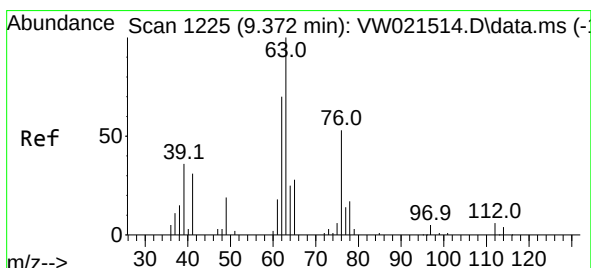
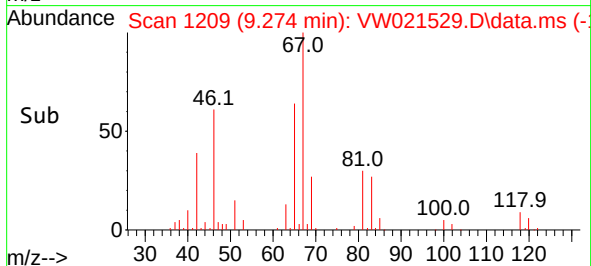
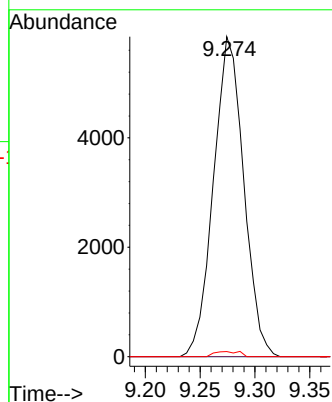
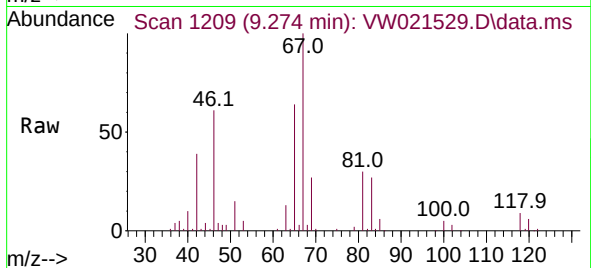
Acq: 21 Dec 2021 17:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 11212
Ion Ratio	Lower Upper
83 100	
55 0.0	70.8 106.2#
98 1.0	37.7 56.5#



#37

1,2-Dichloropropane

Concen: 4.061 ug/L

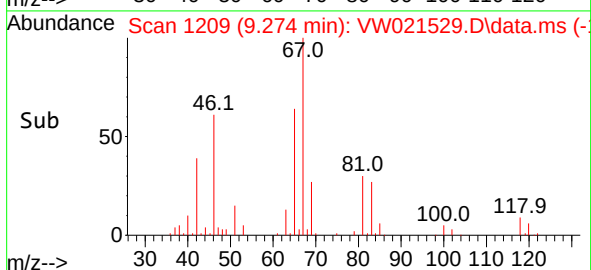
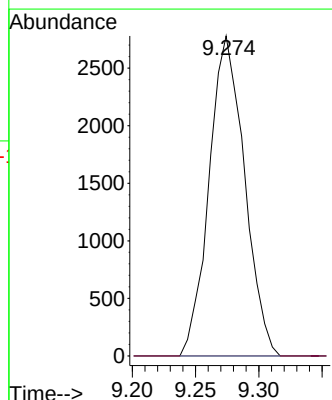
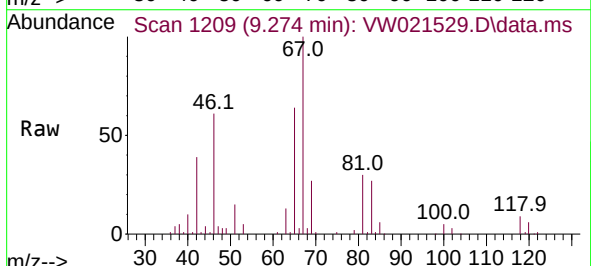
RT: 9.274 min Scan# 1209

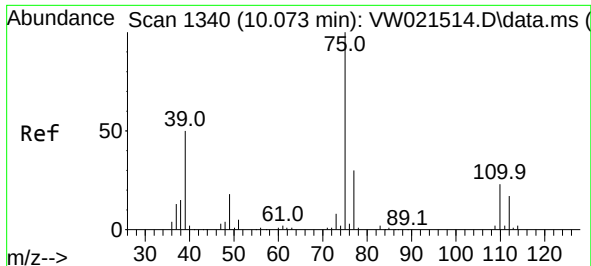
Delta R.T. -0.098 min

Lab File: VW021529.D

Acq: 21 Dec 2021 17:01

Tgt Ion: 63	Resp: 5411
Ion Ratio	Lower Upper
63 100	
112 0.0	3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.725 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021529.D

Acq: 21 Dec 2021 17:01

Instrument :

MSVOA_W

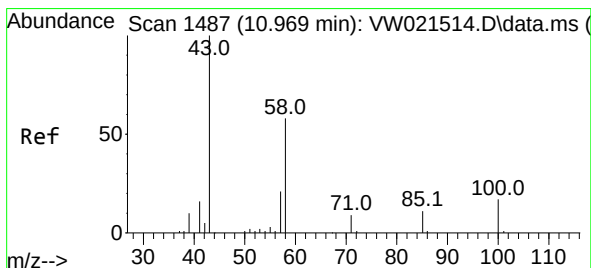
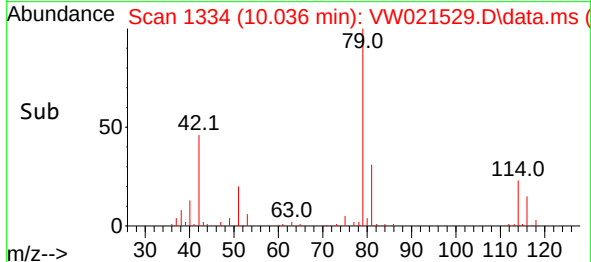
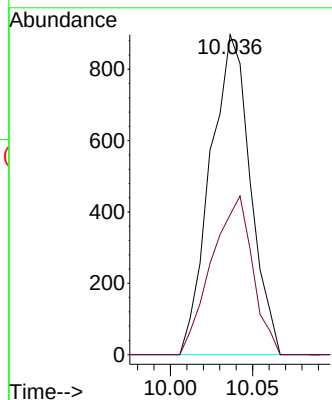
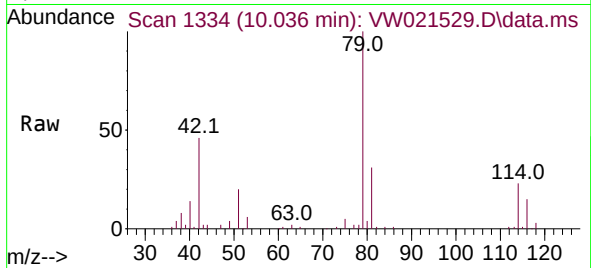
ClientSampleId :

Tgt Ion: 75 Resp: 1522

Ion Ratio Lower Upper

75 100

77 43.7 21.8 40.6#



#48

2-Hexanone

Concen: 3.983 ug/L

RT: 10.932 min Scan# 1481

Delta R.T. -0.037 min

Lab File: VW021529.D

Acq: 21 Dec 2021 17:01

Tgt Ion: 43 Resp: 2097

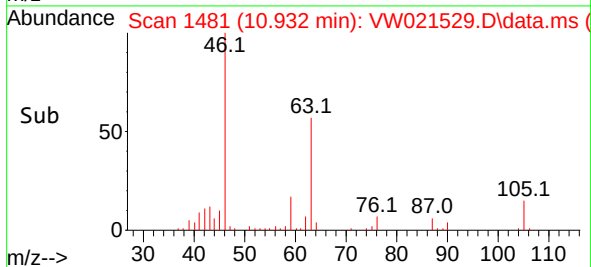
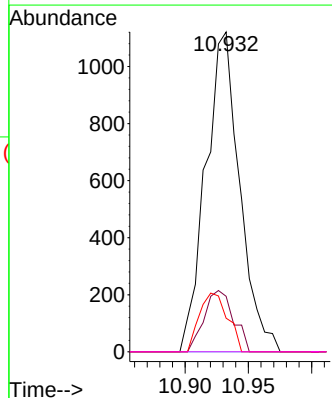
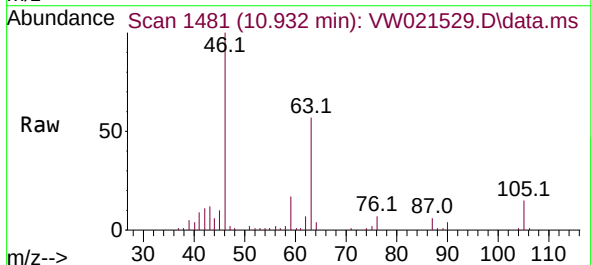
Ion Ratio Lower Upper

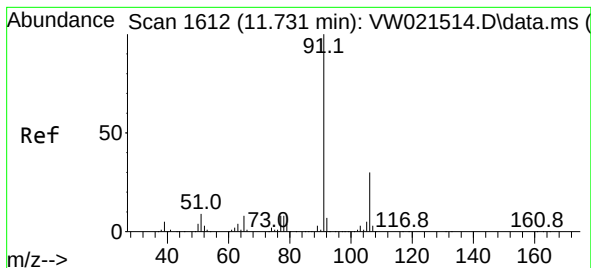
43 100

58 16.5 40.2 60.2#

57 15.3 14.3 21.5

100 0.0 8.0 12.0#

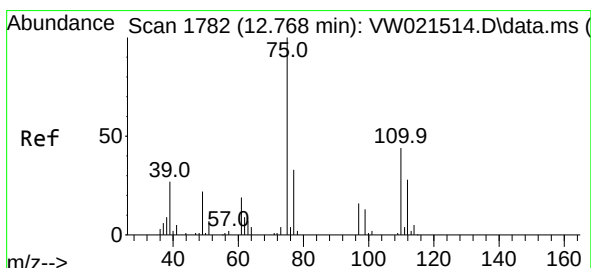
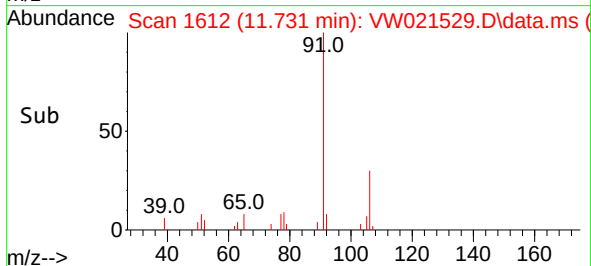
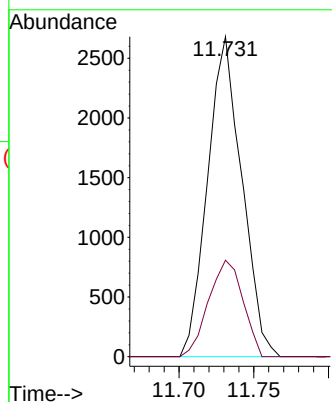
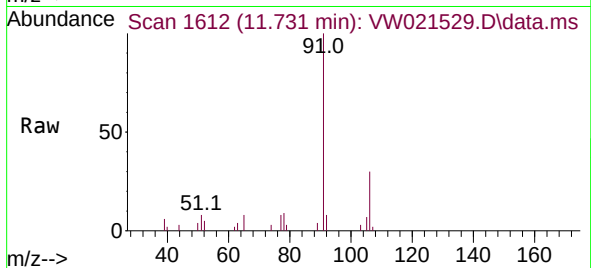




#52
Ethylbenzene
Concen: 0.535 ug/L
RT: 11.731 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021529.D
Acq: 21 Dec 2021 17:01

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 91 Resp: 4270
Ion Ratio Lower Upper
91 100
106 30.1 21.5 39.9



#61
1,2,3-Trichloropropane
Concen: 7.595 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW021529.D
Acq: 21 Dec 2021 17:01

Tgt Ion: 75 Resp: 4482
Ion Ratio Lower Upper
75 100
77 37.6 25.8 38.8
110 2.8 29.0 43.4#

