

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021085.D
 Acq On : 03 Dec 2021 23:40
 Operator : SY/VA
 Sample : M4881-15RE
 Misc : 4.87g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 01:43:28 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)

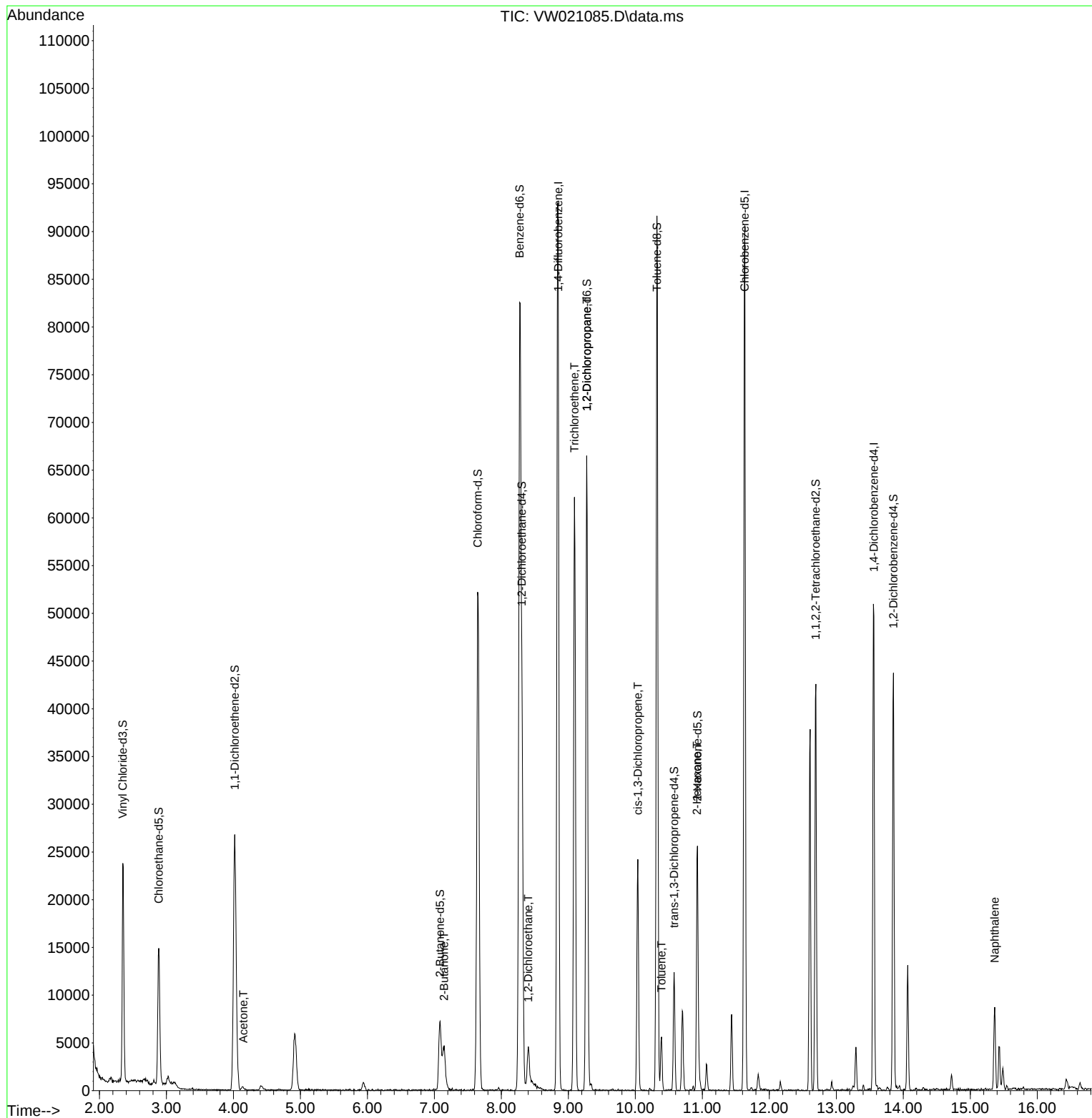
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	83051	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	50683	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	13936	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	21221	18.339	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.360%
7) Chloroethane-d5	2.885	69	16590	21.417	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
11) 1,1-Dichloroethene-d2	4.019	63	24542	13.276	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.120%
21) 2-Butanone-d5	7.086	46	11981	45.394	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.780%
24) Chloroform-d	7.647	84	52186	25.091	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.360%
26) 1,2-Dichloroethane-d4	8.305	65	27225	23.926	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.720%
32) Benzene-d6	8.275	84	83832	32.349	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	129.400%
36) 1,2-Dichloropropane-d6	9.274	67	28346	39.361	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	157.440%#
41) Toluene-d8	10.323	98	58901	22.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.680%
43) trans-1,3-Dichloroprop...	10.579	79	6535	19.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.920%
47) 2-Hexanone-d5	10.926	63	8342	60.543	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.080%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	18926	28.407	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	11251	22.532	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.120%
Target Compounds						
					Qvalue	
13) Acetone	4.147	43	801	3.332	ug/L	65
22) 2-Butanone	7.147	43	1089	3.273	ug/L	# 52
27) 1,2-Dichloroethane	8.403	62	3431	2.567	ug/L	98
34) Trichloroethene	9.091	95	20066	25.236	ug/L	88
37) 1,2-Dichloropropane	9.274	63	3641	5.589	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	719	0.682	ug/L	# 57
42) Toluene	10.390	91	4451	1.352	ug/L	97
48) 2-Hexanone	10.920	43	1782	5.566	ug/L	# 66
71) Naphthalene	15.365	128	7800	7.619	ug/L	99

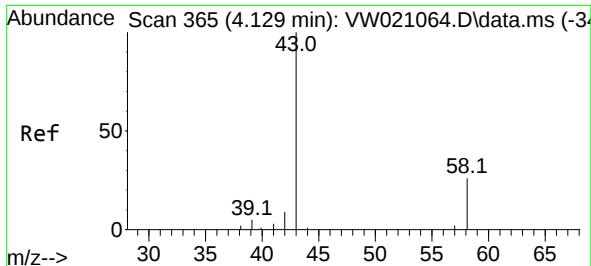
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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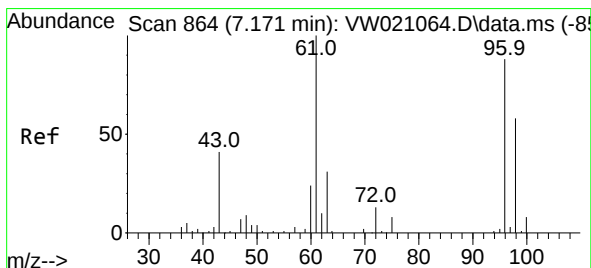
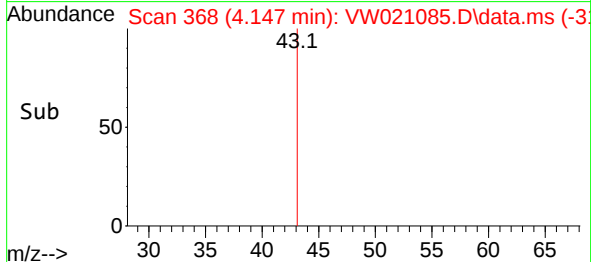
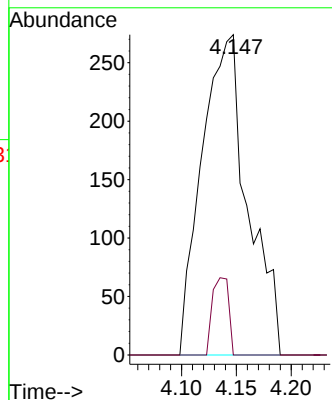
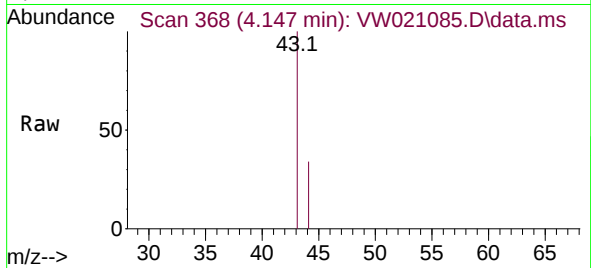




#13
Acetone
Concen: 3.332 ug/L
RT: 4.147 min Scan# 301
Delta R.T. 0.018 min
Lab File: VW021085.D
Acq: 03 Dec 2021 23:40

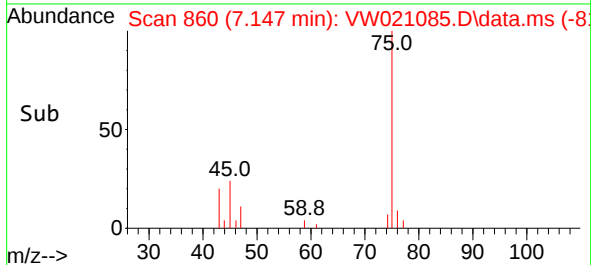
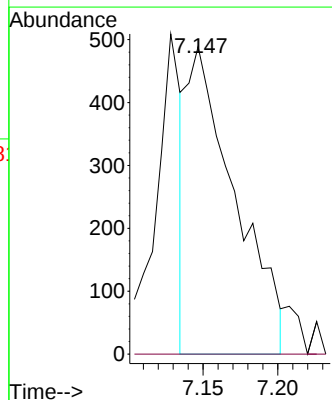
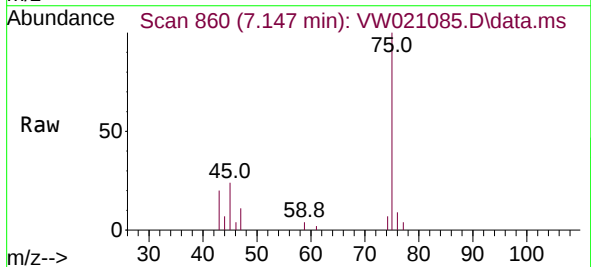
Instrument :
MSVOA_W
ClientSampleId :

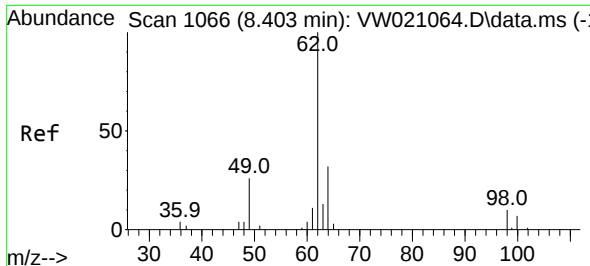
Tgt Ion: 43 Resp: 801
Ion Ratio Lower Upper
43 100
58 8.5 0.0 52.8



#22
2-Butanone
Concen: 3.273 ug/L
RT: 7.147 min Scan# 860
Delta R.T. -0.024 min
Lab File: VW021085.D
Acq: 03 Dec 2021 23:40

Tgt Ion: 43 Resp: 1089
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#





#27

1,2-Dichloroethane

Concen: 2.567 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021085.D

Acq: 03 Dec 2021 23:40

Instrument :

MSVOA_W

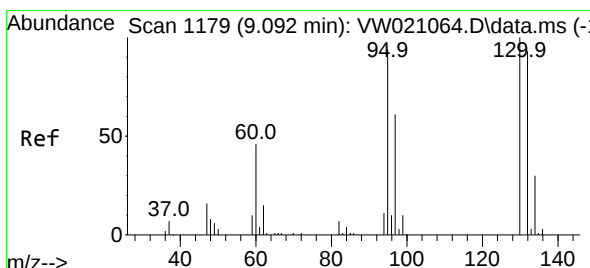
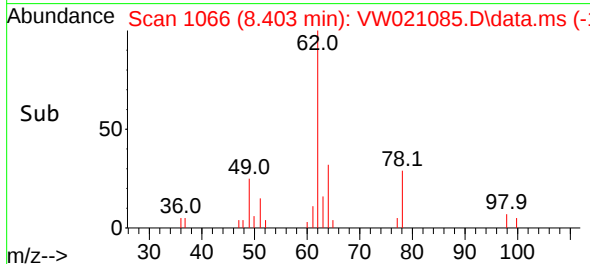
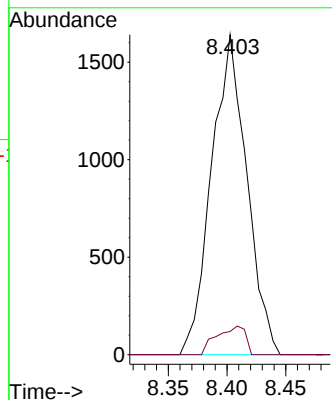
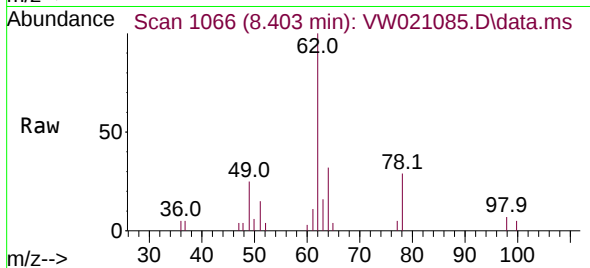
ClientSampleId :

Tgt Ion: 62 Resp: 3431

Ion Ratio Lower Upper

62 100

98 7.3 6.5 9.7



#34

Trichloroethene

Concen: 25.236 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021085.D

Acq: 03 Dec 2021 23:40

Tgt Ion: 95 Resp: 20066

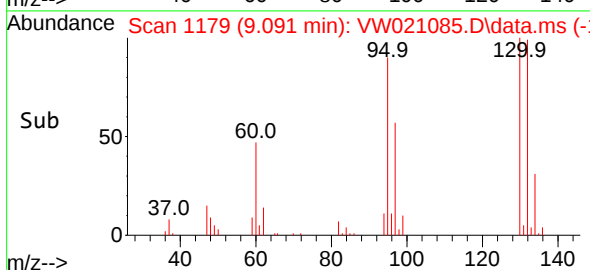
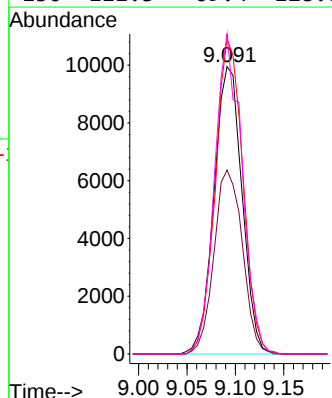
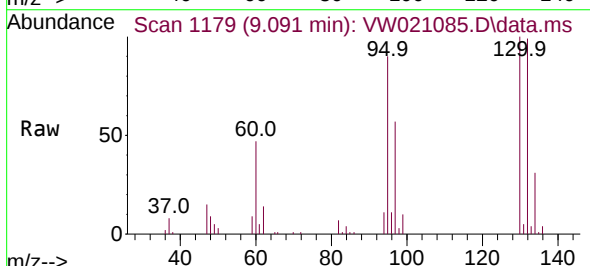
Ion Ratio Lower Upper

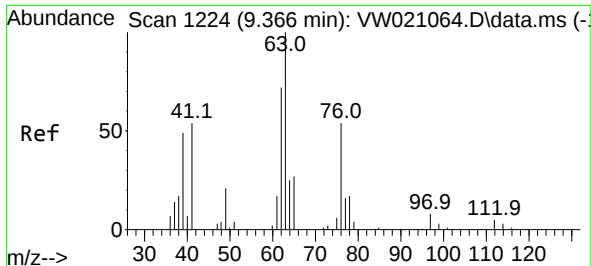
95 100

97 64.0 47.0 87.2

132 109.7 65.5 121.6

130 111.3 69.4 128.8





#37

1,2-Dichloropropane

Concen: 5.589 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021085.D

Acq: 03 Dec 2021 23:40

Instrument :

MSVOA_W

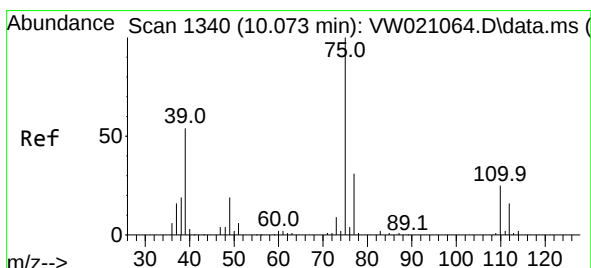
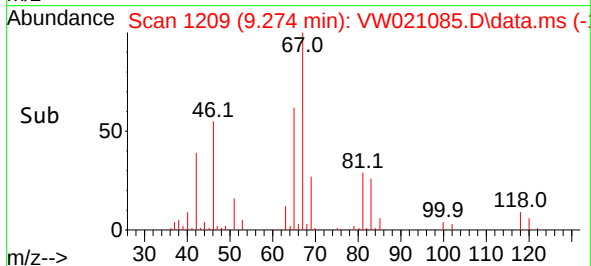
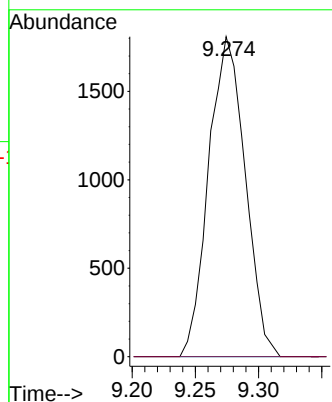
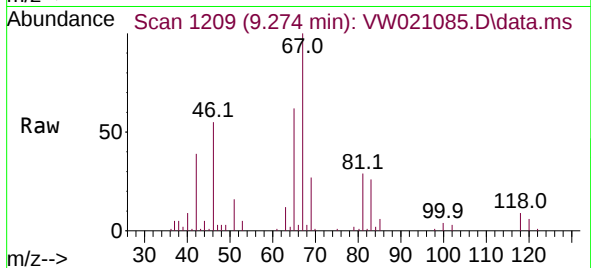
ClientSampleId :

Tgt Ion: 63 Resp: 3641

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.682 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021085.D

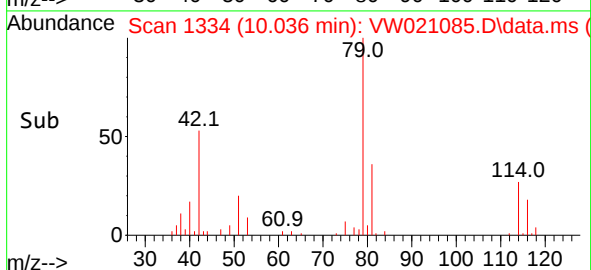
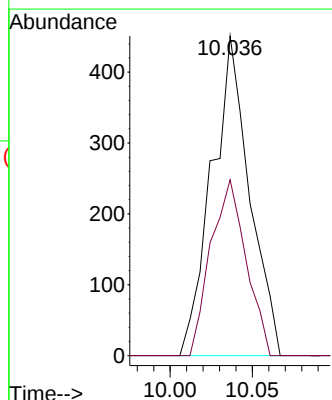
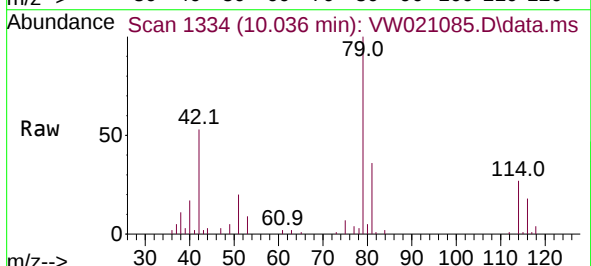
Acq: 03 Dec 2021 23:40

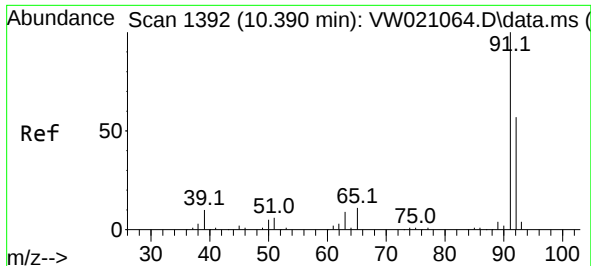
Tgt Ion: 75 Resp: 719

Ion Ratio Lower Upper

75 100

77 55.0 21.8 40.6#

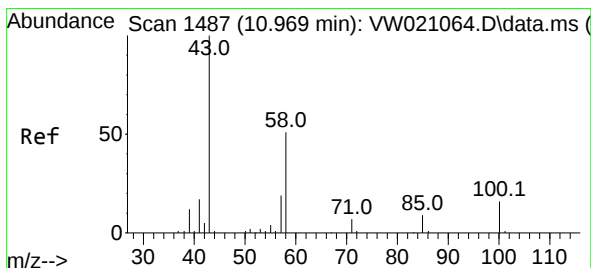
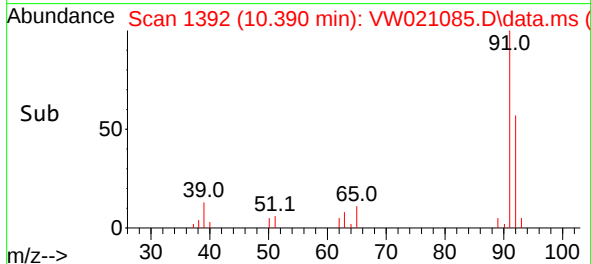
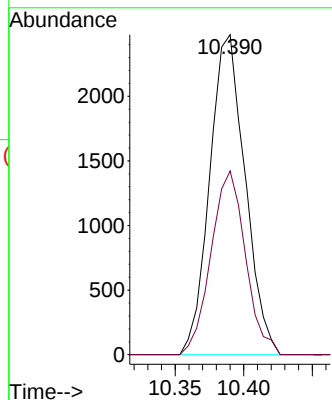
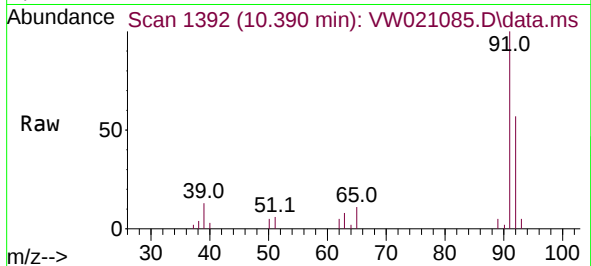




#42
Toluene
Concen: 1.352 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021085.D
Acq: 03 Dec 2021 23:40

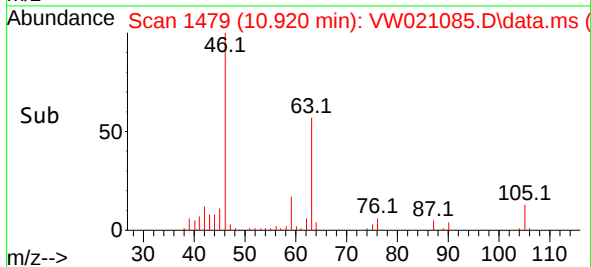
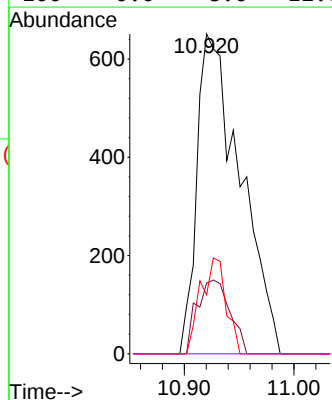
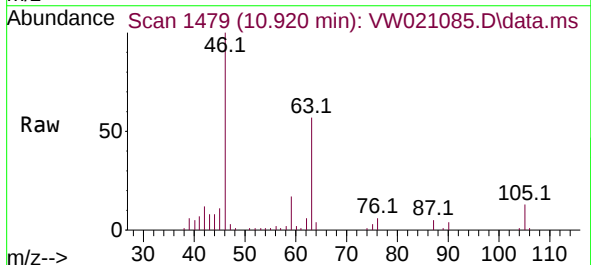
Instrument :
MSVOA_W
ClientSampleId :

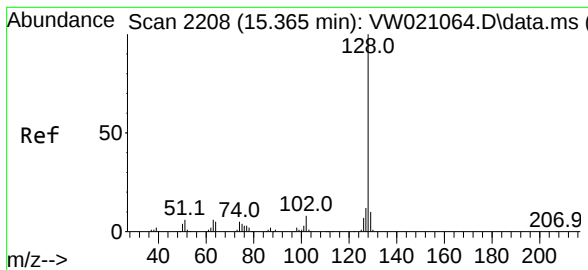
Tgt Ion: 91 Resp: 4451
Ion Ratio Lower Upper
91 100
92 57.4 41.7 77.5



#48
2-Hexanone
Concen: 5.566 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021085.D
Acq: 03 Dec 2021 23:40

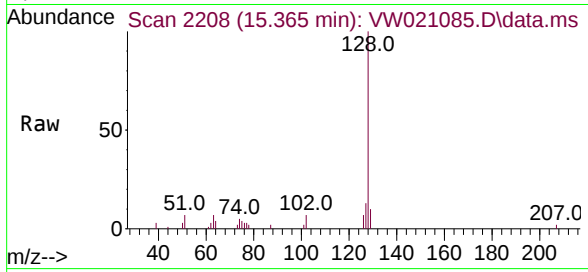
Tgt Ion: 43 Resp: 1782
Ion Ratio Lower Upper
43 100
58 17.5 40.2 60.2#
57 17.5 14.3 21.5
100 0.0 8.0 12.0#





#71
Naphthalene
Concen: 7.619 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021085.D
Acq: 03 Dec 2021 23:40

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	7800
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.7	16.1
129	10.8	8.6	12.8

