

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081921\
 Data File : VW019801.D
 Acq On : 19 Aug 2021 12:14
 Operator : SY/VA
 Sample : M3458-08RE
 Misc : 5.43g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 20 00:44:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 20 00:38:38 2021
 Response via : Initial Calibration

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

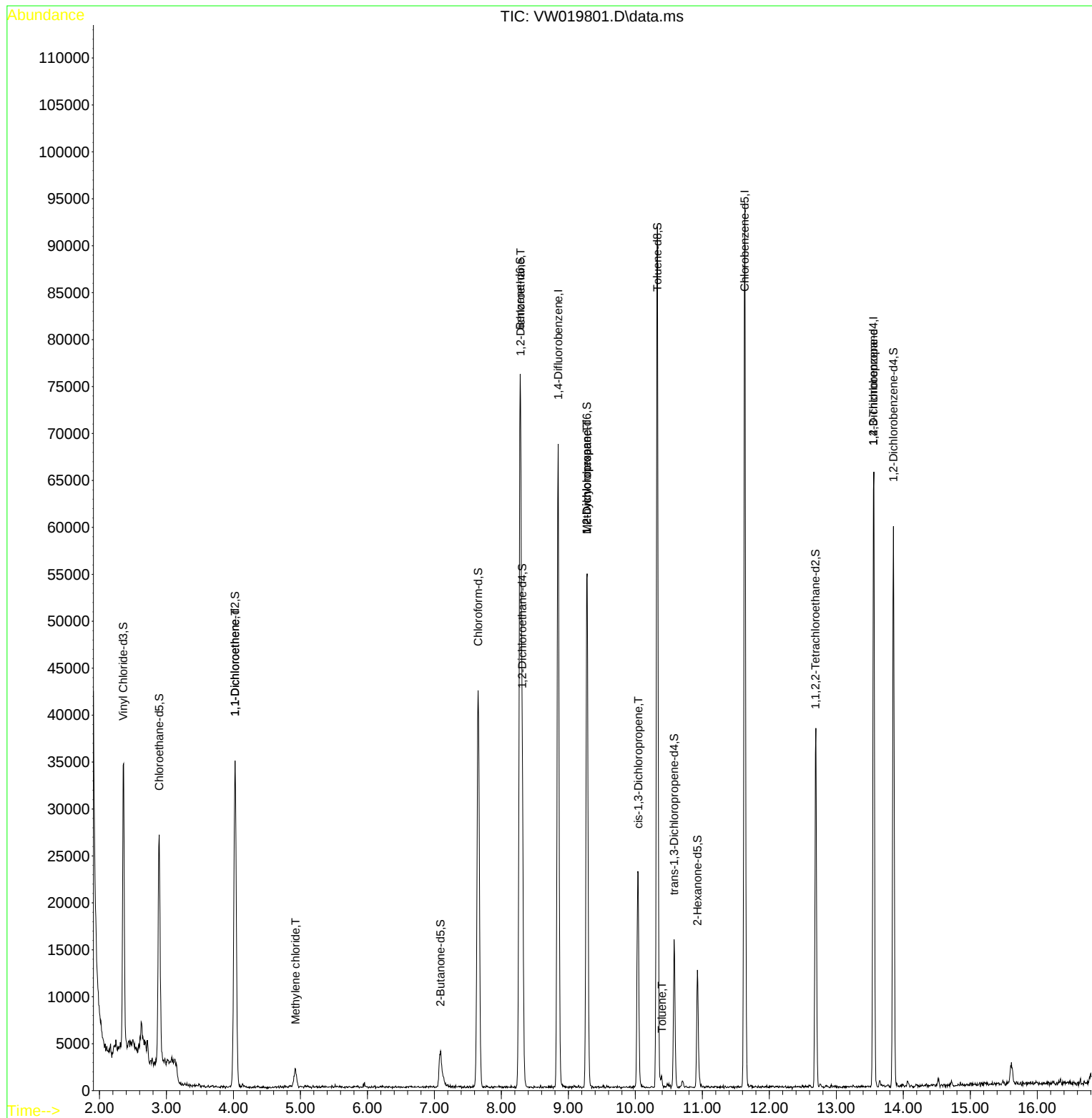
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	53957	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	50546	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	17039	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	31177	37.293	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	149.160%
7) Chloroethane-d5	2.891	69	27220	37.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	148.360%
11) 1,1-Dichloroethene-d2	4.025	63	33525	23.110	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.440%
21) 2-Butanone-d5	7.092	46	7373	43.419	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.840%
24) Chloroform-d	7.652	84	43471	29.295	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	117.200%
26) 1,2-Dichloroethane-d4	8.311	65	23163	28.966	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.880%
32) Benzene-d6	8.280	84	77759	26.981	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.920%
36) 1,2-Dichloropropane-d6	9.274	67	25173	28.843	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.360%
41) Toluene-d8	10.329	98	59530	22.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.160%
43) trans-1,3-Dichloroprop...	10.579	79	8257	22.901	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.600%
47) 2-Hexanone-d5	10.926	63	4251	34.964	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.920%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	18207	25.632	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	15263	26.114	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.440%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.025	96	192	0.263	ug/L #	1
16) Methylene chloride	4.927	84	1407	1.519	ug/L #	76
27) 1,2-Dichloroethane	8.286	62	478	0.521	ug/L #	76
35) Methylcyclohexane	9.274	83	6429	4.648	ug/L #	19
37) 1,2-Dichloropropane	9.274	63	3059	3.981	ug/L #	85
39) cis-1,3-Dichloropropene	10.042	75	604	0.534	ug/L #	63
42) Toluene	10.396	91	990	0.301	ug/L #	71
61) 1,2,3-Trichloropropane	13.554	75	2197	6.576	ug/L #	57

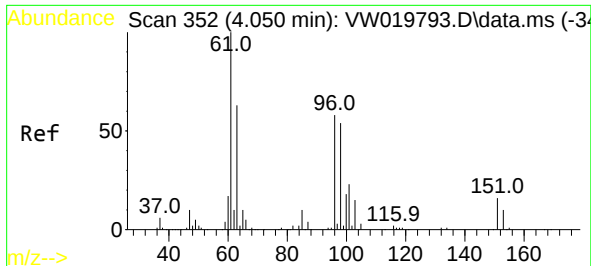
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.263 ug/L

RT: 4.025 min Scan# 348

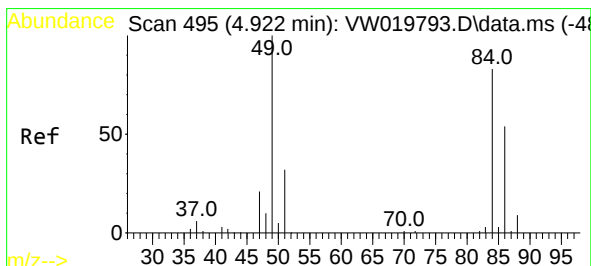
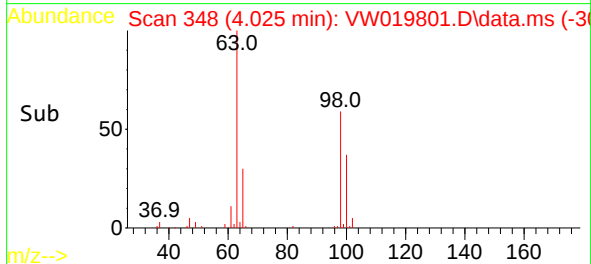
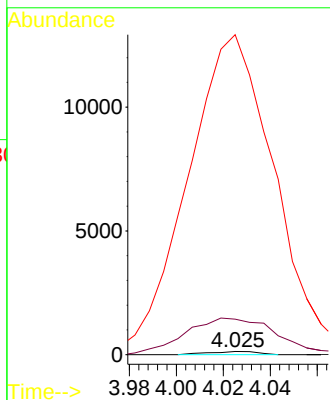
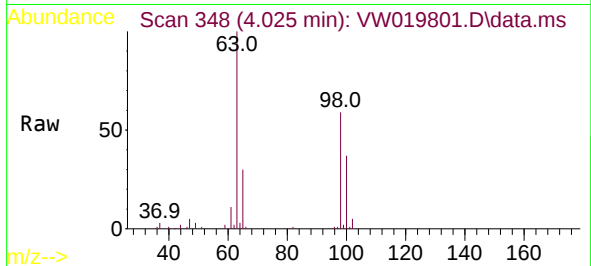
Delta R.T. -0.025 min

Lab File: VW019801.D

Acq: 19 Aug 2021 12:14

Tgt Ion:	96	Resp:	192
Ion	Ratio	Lower	Upper
96	100		
61	1089.4	118.1	219.3#
63	9794.7	83.7	155.5#

Instrument :
MSVOA_W
ClientSampled :



#16

Methylene chloride

Concen: 1.519 ug/L

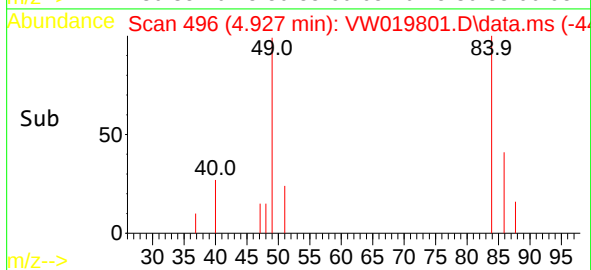
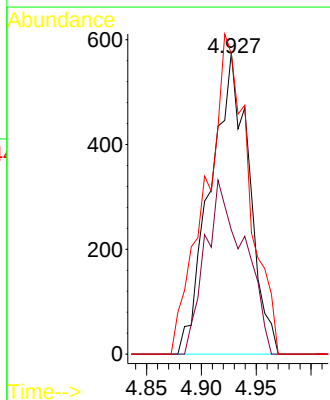
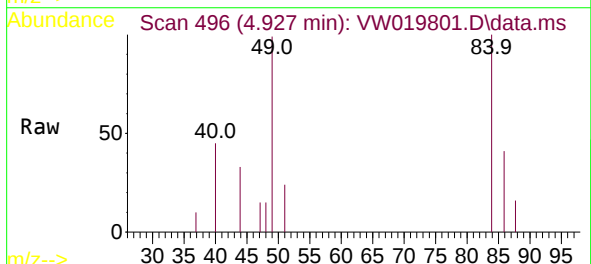
RT: 4.927 min Scan# 496

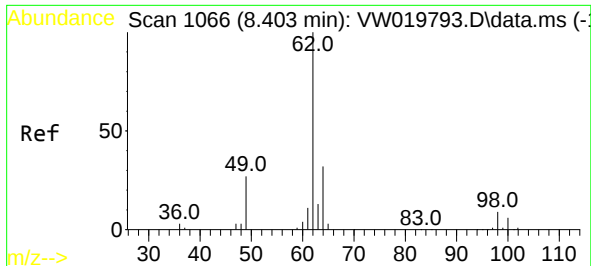
Delta R.T. 0.006 min

Lab File: VW019801.D

Acq: 19 Aug 2021 12:14

Tgt Ion:	84	Resp:	1407
Ion	Ratio	Lower	Upper
84	100		
86	41.1	45.3	84.1#
49	99.5	86.6	160.8

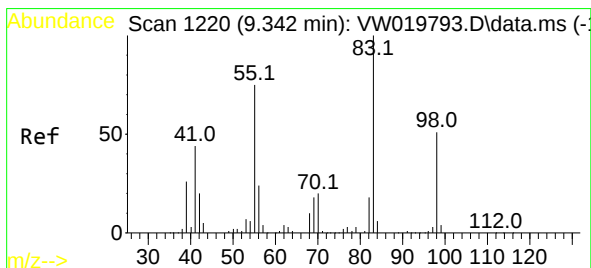
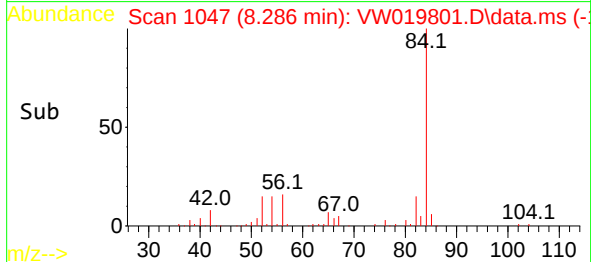
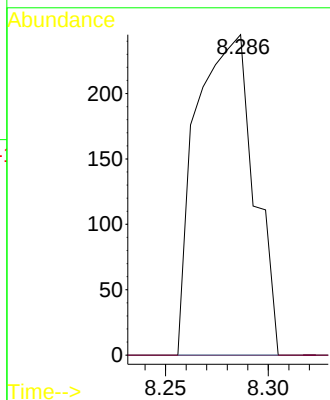
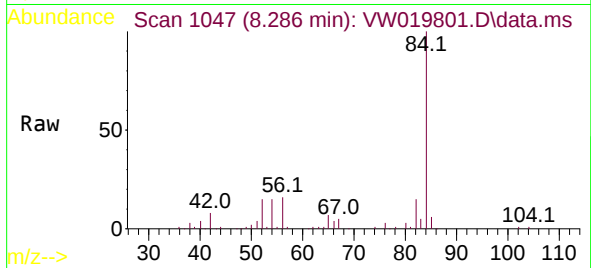




#27
1,2-Dichloroethane
Concen: 0.521 ug/L
RT: 8.286 min Scan# 1047
Delta R.T. -0.116 min
Lab File: VW019801.D
Acq: 19 Aug 2021 12:14

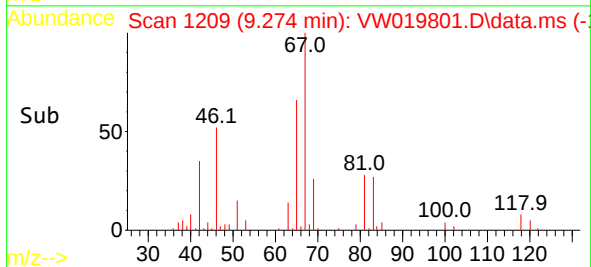
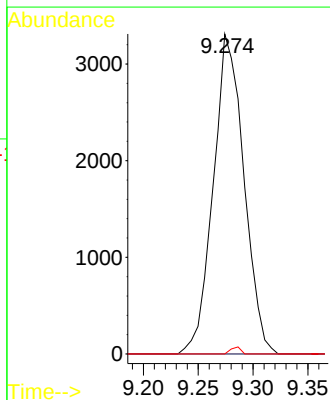
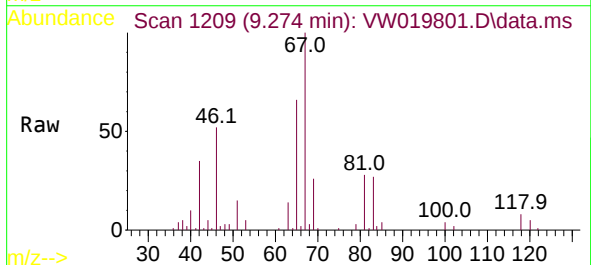
Instrument :
MSVOA_W
ClientSampled :

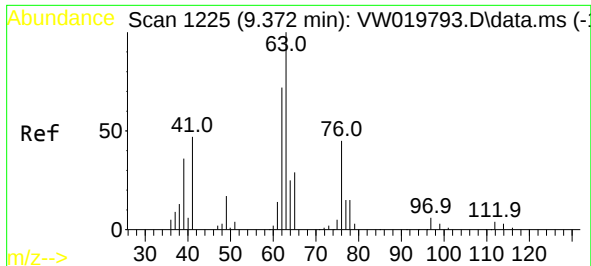
Tgt Ion: 62 Resp: 478
Ion Ratio Lower Upper
62 100
98 0.0 6.9 10.3#



#35
Methylcyclohexane
Concen: 4.648 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.067 min
Lab File: VW019801.D
Acq: 19 Aug 2021 12:14

Tgt Ion: 83 Resp: 6429
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 0.7 40.1 60.1#

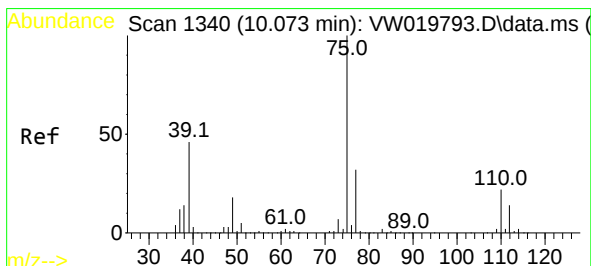
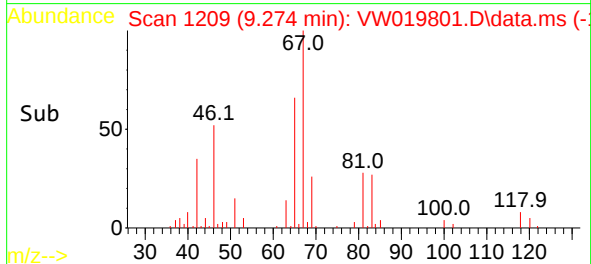
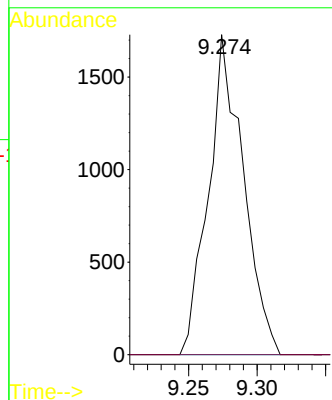
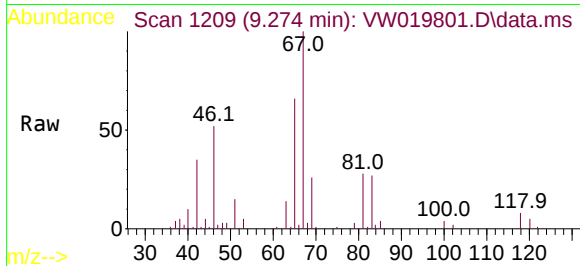




#37
1,2-Dichloropropane
Concen: 3.981 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW019801.D
Acq: 19 Aug 2021 12:14

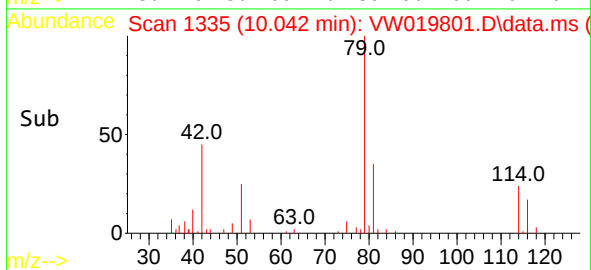
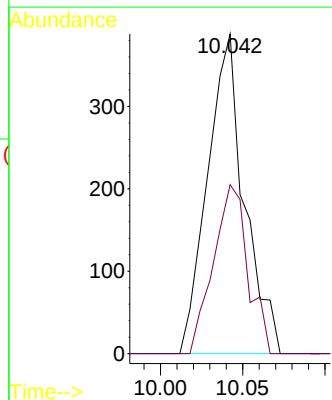
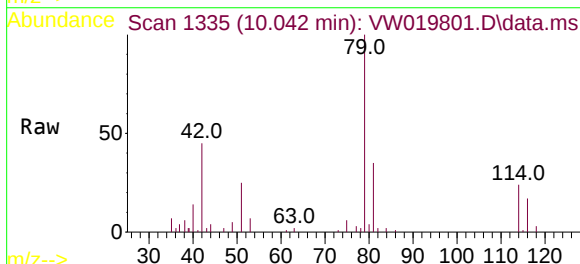
Instrument :
MSVOA_W
ClientSampled :

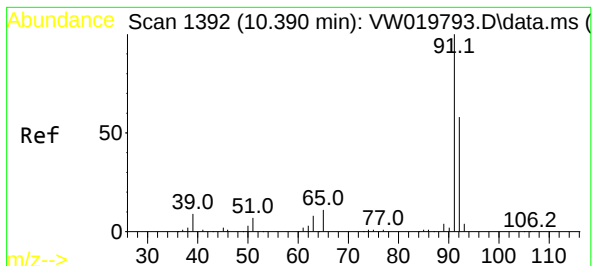
Tgt Ion: 63 Resp: 3059
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.534 ug/L
RT: 10.042 min Scan# 1335
Delta R.T. -0.031 min
Lab File: VW019801.D
Acq: 19 Aug 2021 12:14

Tgt Ion: 75 Resp: 604
Ion Ratio Lower Upper
75 100
77 52.8 22.6 42.0#





#42

Toluene

Concen: 0.301 ug/L

RT: 10.396 min Scan# 1393

Delta R.T. 0.006 min

Lab File: VW019801.D

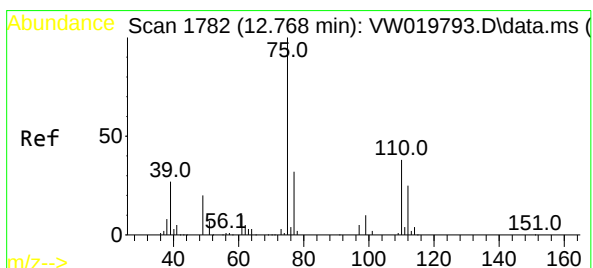
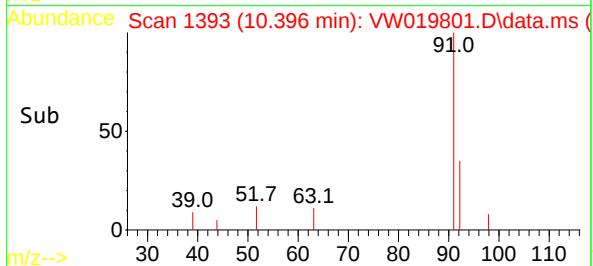
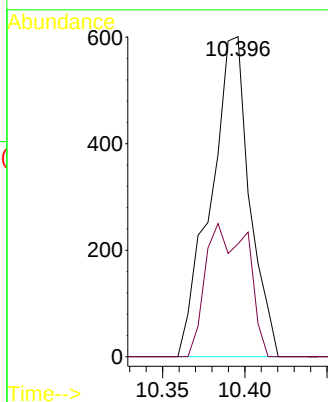
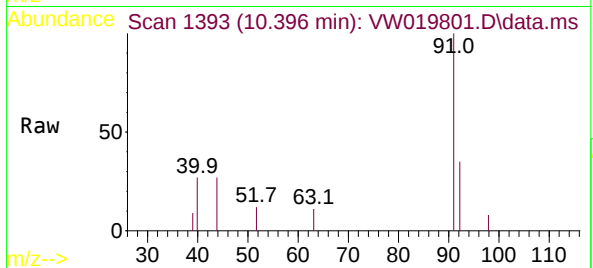
Acq: 19 Aug 2021 12:14

Tgt Ion: 91 Resp: 990

Ion Ratio Lower Upper

91 100

92 35.3 39.5 73.3#



#61

1,2,3-Trichloropropane

Concen: 6.576 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW019801.D

Acq: 19 Aug 2021 12:14

Tgt Ion: 75 Resp: 2197

Ion Ratio Lower Upper

75 100

77 39.7 25.3 37.9#

110 0.0 32.6 48.8#

