

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083021\
 Data File : VW019935.D
 Acq On : 30 Aug 2021 13:33
 Operator : SY/VA
 Sample : M3579-02
 Misc : 7.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 31 01:03:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 31 01:00:58 2021
 Response via : Initial Calibration

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

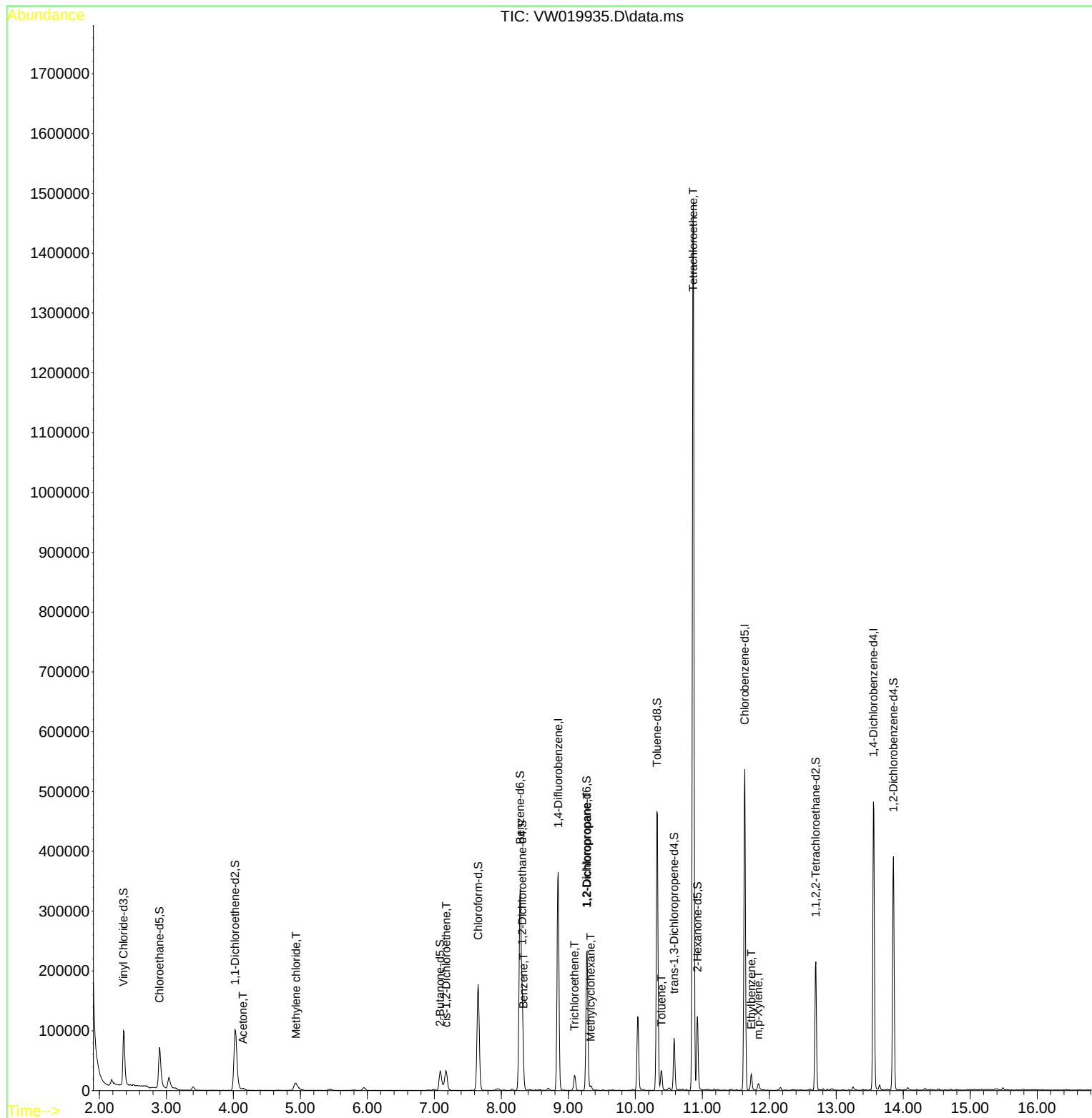
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	305009	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	292531	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	121363	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	96554	20.431	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.720%
7) Chloroethane-d5	2.898	69	88755	21.397	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	4.025	63	115035	14.028	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.120%
21) 2-Butanone-d5	7.086	46	54598	56.878	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.760%
24) Chloroform-d	7.653	84	176673	21.062	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.240%
26) 1,2-Dichloroethane-d4	8.311	65	107206	23.716	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.880%
32) Benzene-d6	8.281	84	343945	20.621	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.480%
36) 1,2-Dichloropropane-d6	9.275	67	108989	21.578	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.320%
41) Toluene-d8	10.323	98	305196	19.967	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.880%
43) trans-1,3-Dichloroprop...	10.579	79	46828	22.442	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.760%
47) 2-Hexanone-d5	10.927	63	42878	60.937	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.880%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	104812	25.495	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	96944	23.287	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.160%
Target Compounds						Qvalue
13) Acetone	4.141	43	2489	3.037	ug/L	76
16) Methylene chloride	4.934	84	9870	1.885	ug/L	91
20) cis-1,2-Dichloroethene	7.177	96	17972	4.092	ug/L	97
33) Benzene	8.330	78	6726	0.375	ug/L	100
34) Trichloroethene	9.092	95	8513	1.824	ug/L	93
35) Methylcyclohexane	9.335	83	2317	0.289	ug/L #	86
37) 1,2-Dichloropropane	9.281	63	12435	2.797	ug/L #	87
42) Toluene	10.390	91	24607	1.294	ug/L	99
46) Tetrachloroethene	10.866	164	321472	90.926	ug/L	96
52) Ethylbenzene	11.731	91	18546	0.906	ug/L	99
53) m,p-Xylene	11.835	106	2764	0.352	ug/L	91

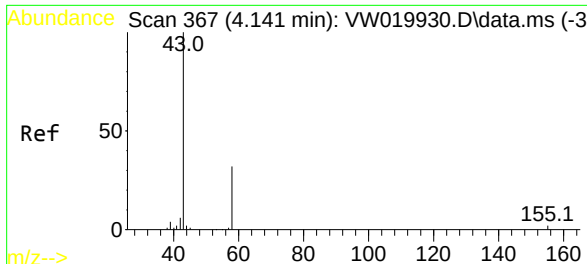
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 31 01:03:28 2021
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Quant Title : SFAM01.0
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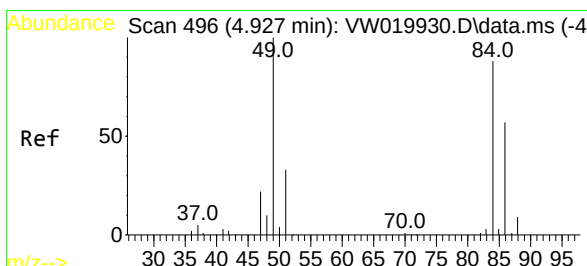
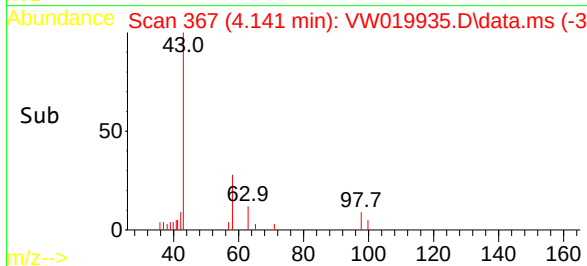
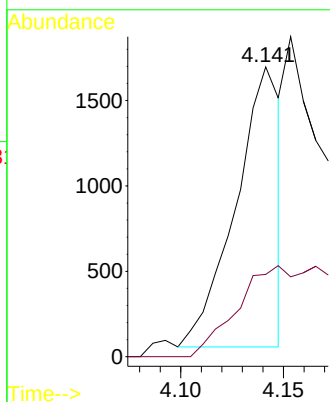
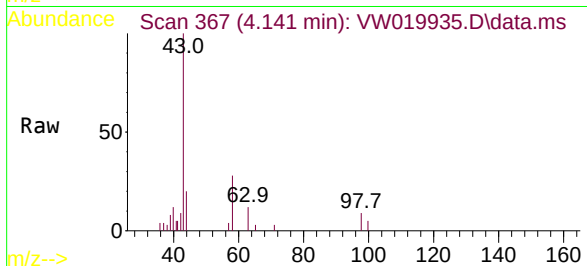




#13
Acetone
Concen: 3.037 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW019935.D
Acq: 30 Aug 2021 13:33

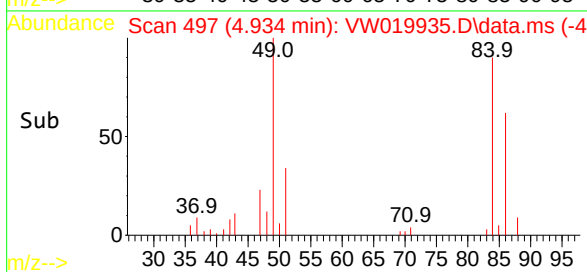
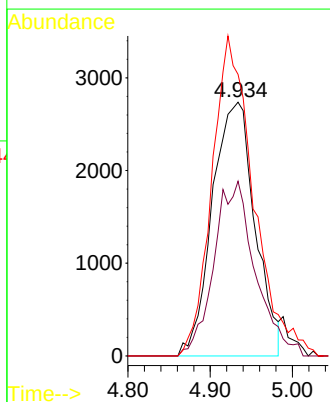
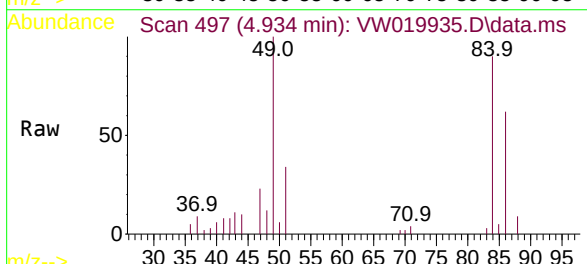
Instrument :
MSVOA_W
ClientSampled :

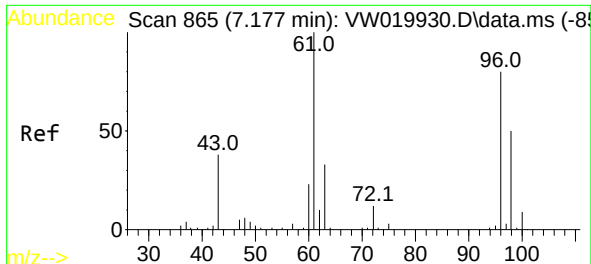
Tgt Ion: 43 Resp: 2489
Ion Ratio Lower Upper
43 100
58 39.5 0.0 53.8



#16
Methylene chloride
Concen: 1.885 ug/L
RT: 4.934 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW019935.D
Acq: 30 Aug 2021 13:33

Tgt Ion: 84 Resp: 9870
Ion Ratio Lower Upper
84 100
86 68.9 45.3 84.1
49 111.0 86.6 160.8

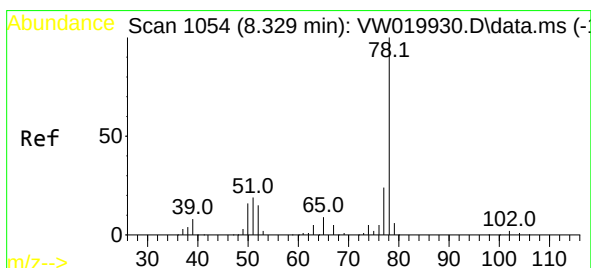
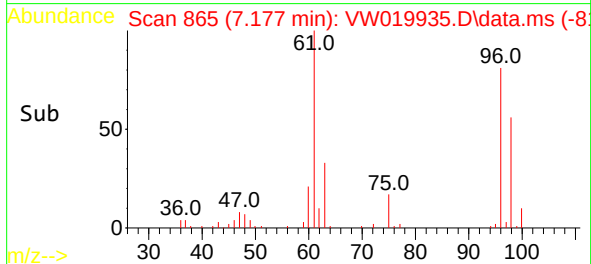
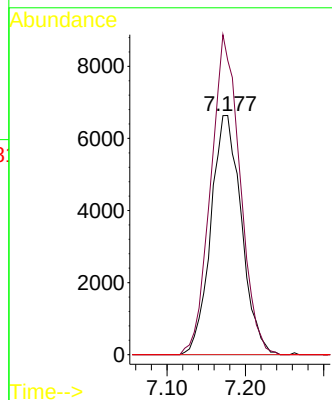
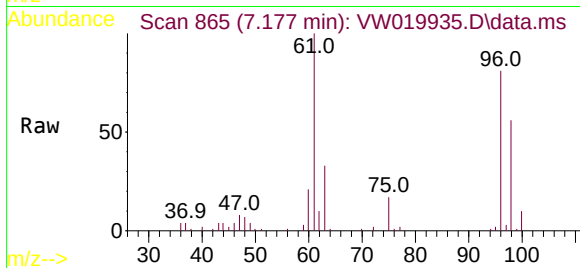




#20
cis-1,2-Dichloroethene
Concen: 4.092 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW019935.D
Acq: 30 Aug 2021 13:33

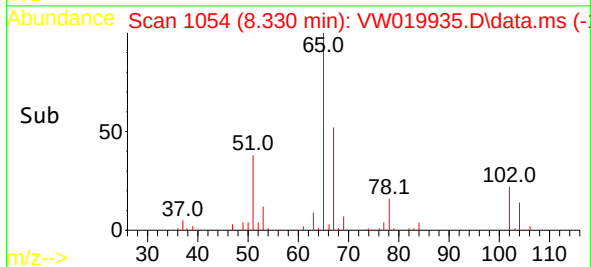
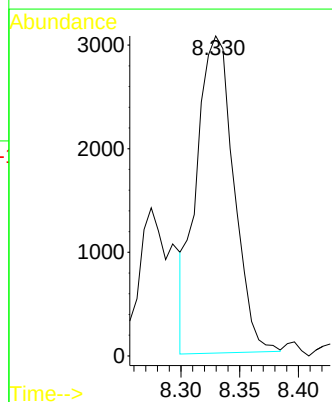
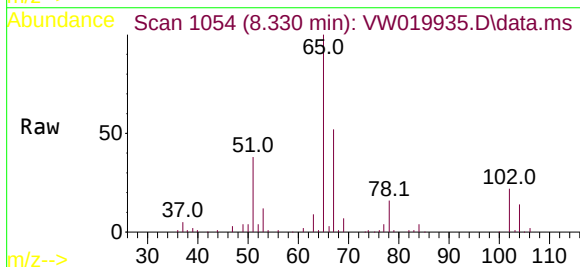
Instrument :
MSVOA_W
ClientSampled :

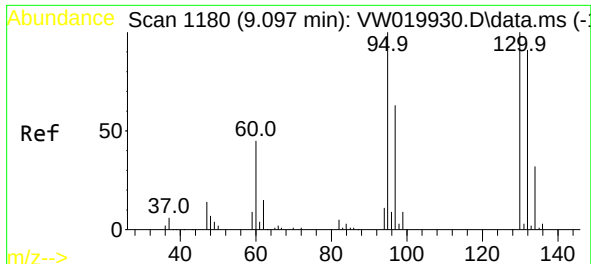
Tgt Ion: 96 Resp: 17972
Ion Ratio Lower Upper
96 100
61 123.1 88.5 164.3
68 0.0 0.0 0.0



#33
Benzene
Concen: 0.375 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW019935.D
Acq: 30 Aug 2021 13:33

Tgt Ion: 78 Resp: 6726



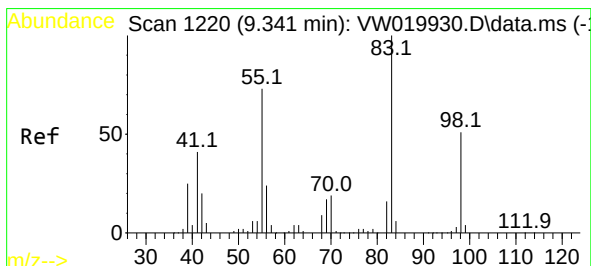
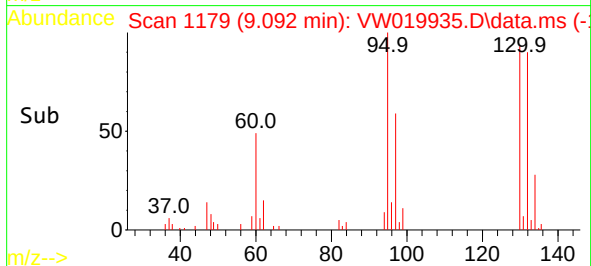
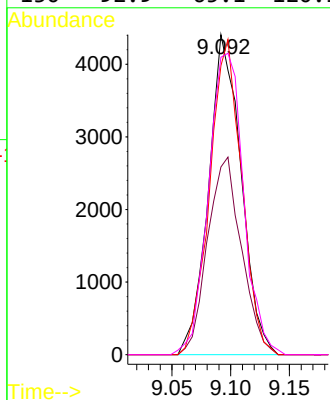
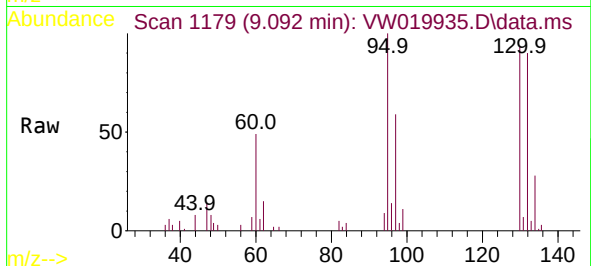


#34
Trichloroethene
Concen: 1.824 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VW019935.D
Acq: 30 Aug 2021 13:33

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 95 Resp: 8513

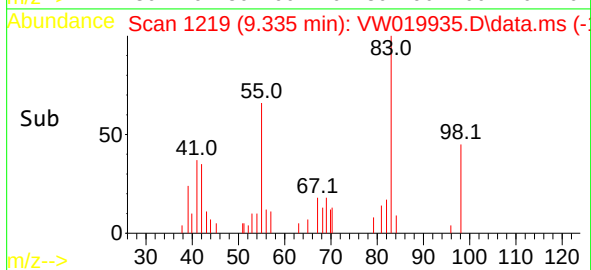
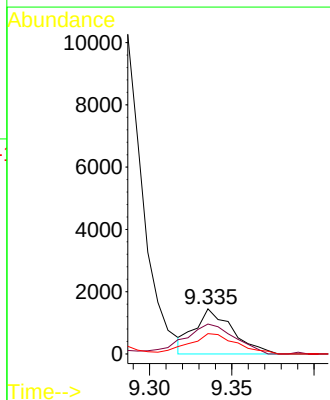
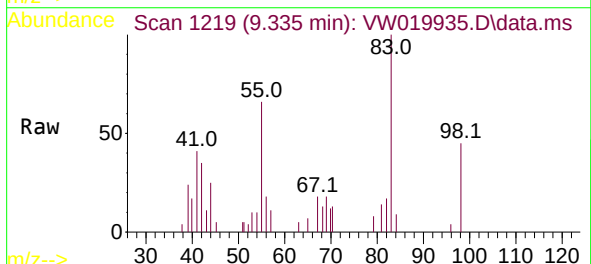
Ion	Ratio	Lower	Upper
95	100		
97	58.7	47.3	87.8
132	90.3	71.0	131.8
130	92.9	65.1	120.9

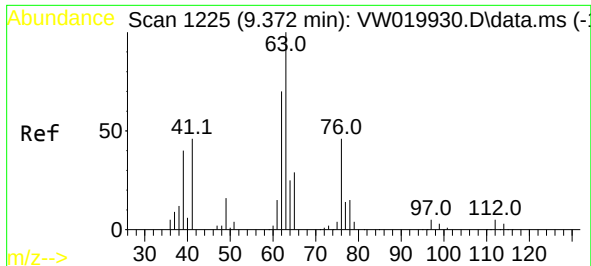


#35
Methylcyclohexane
Concen: 0.289 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW019935.D
Acq: 30 Aug 2021 13:33

Tgt Ion: 83 Resp: 2317

Ion	Ratio	Lower	Upper
83	100		
55	88.6	58.9	88.3#
98	55.8	40.1	60.1

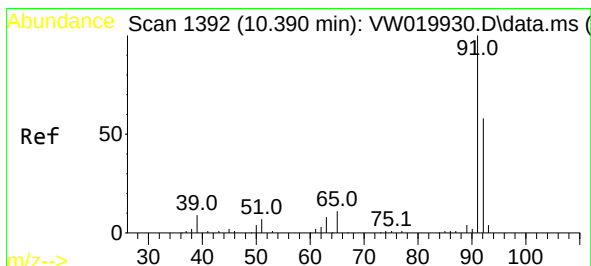
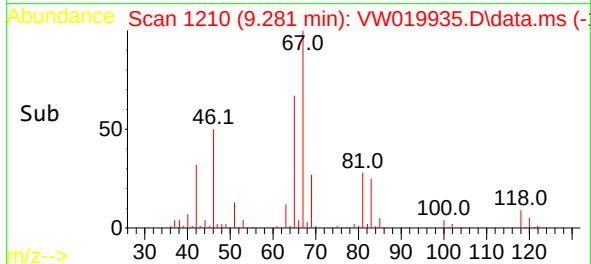
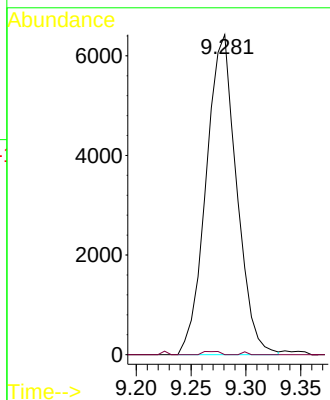
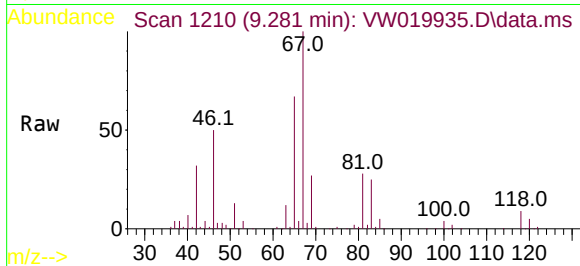




#37
1,2-Dichloropropane
Concen: 2.797 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.091 min
Lab File: VW019935.D
Acq: 30 Aug 2021 13:33

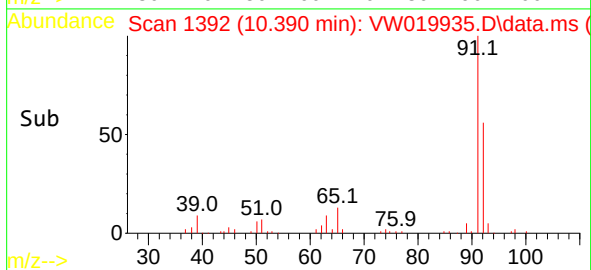
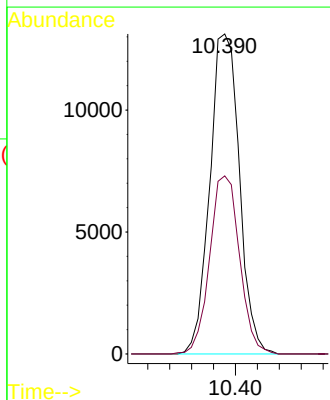
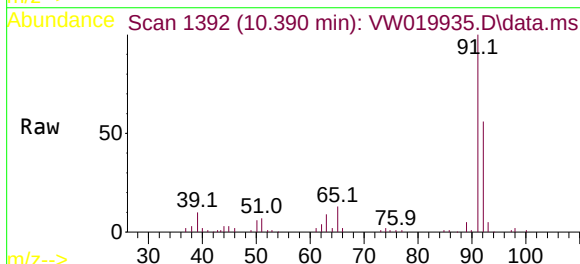
Instrument :
MSVOA_W
ClientSampled :

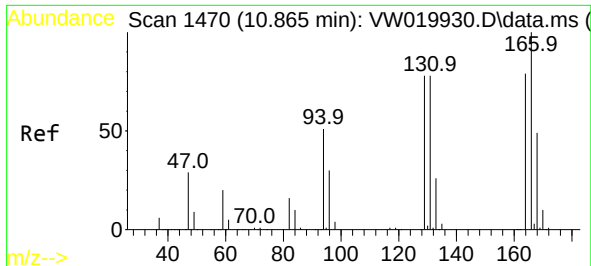
Tgt Ion: 63 Resp: 12435
Ion Ratio Lower Upper
63 100
112 0.6 3.9 5.9#



#42
Toluene
Concen: 1.294 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019935.D
Acq: 30 Aug 2021 13:33

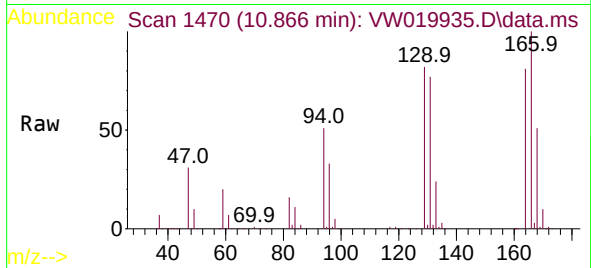
Tgt Ion: 91 Resp: 24607
Ion Ratio Lower Upper
91 100
92 55.7 39.5 73.3



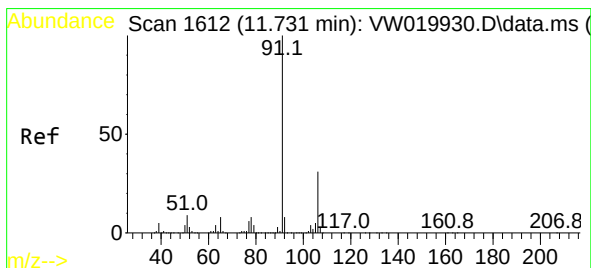
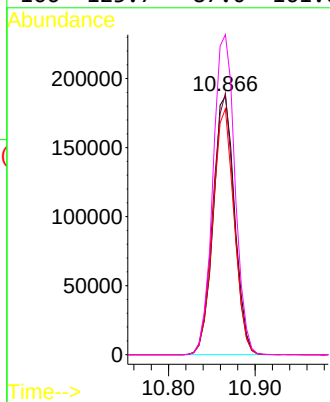
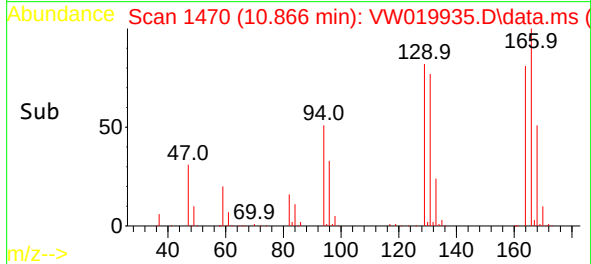


#46
Tetrachloroethene
Concen: 90.926 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW019935.D
Acq: 30 Aug 2021 13:33

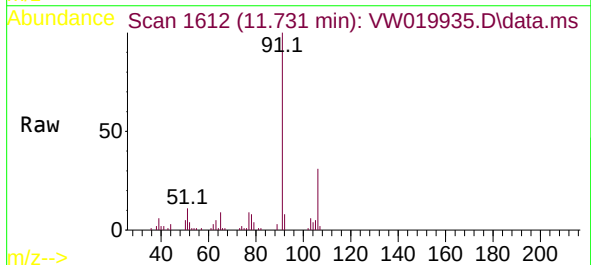
Instrument :
MSVOA_W
ClientSampled :



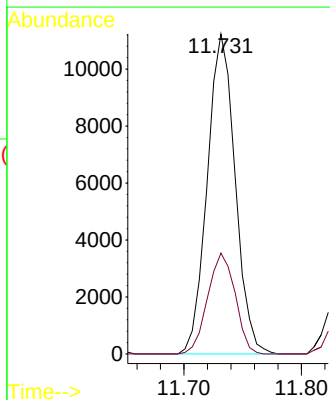
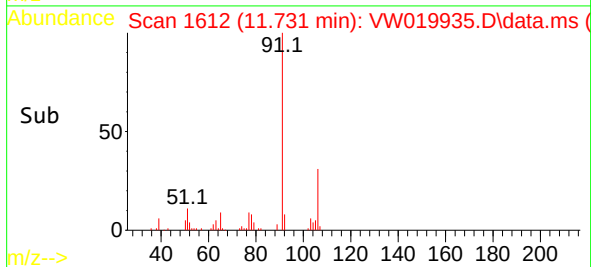
Tgt Ion:164 Resp: 321472
Ion Ratio Lower Upper
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129 101.1 66.7 123.9
131 95.1 61.1 113.5
166 123.7 87.0 161.6

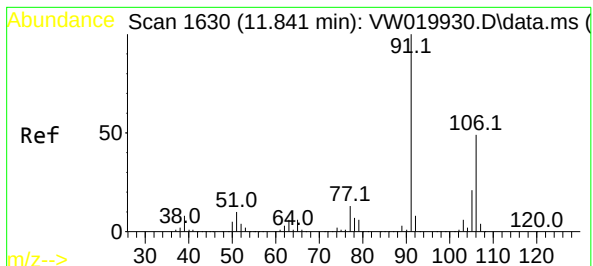


#52
Ethylbenzene
Concen: 0.906 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019935.D
Acq: 30 Aug 2021 13:33



Tgt Ion: 91 Resp: 18546
Ion Ratio Lower Upper
91 100
106 31.5 22.5 41.7





#53
 m,p-Xylene
 Concen: 0.352 ug/L
 RT: 11.835 min Scan# 1629
 Delta R.T. -0.006 min
 Lab File: VW019935.D
 Acq: 30 Aug 2021 13:33

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:106 Resp: 2764
 Ion Ratio Lower Upper
 106 100
 91 215.3 141.3 262.3

