

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042021\
 Data File : VW018693.D
 Acq On : 20 Apr 2021 16:00
 Operator : SY/VA
 Sample : M2065-14
 Misc : 3.43G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG567

Quant Time: Apr 21 01:30:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Apr 21 01:26:40 2021
 Response via : Initial Calibration

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

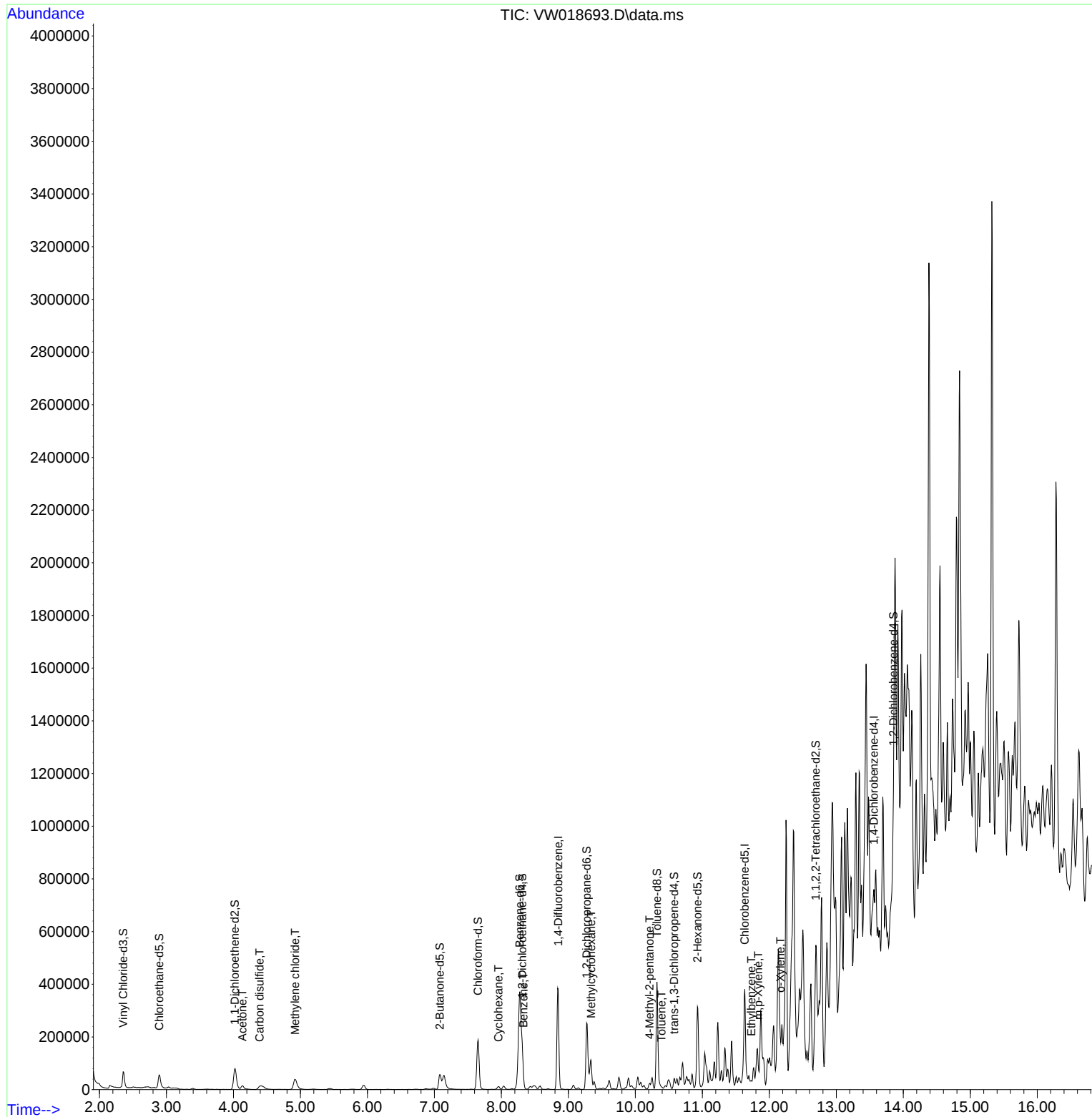
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	318184	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	185808	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	55921	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	69795	14.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.72%
7) Chloroethane-d5	2.891	69	69056	16.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.44%
11) 1,1-Dichloroethene-d2	4.019	63	88012	10.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.92%#
21) 2-Butanone-d5	7.080	46	97142	88.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.52%#
24) Chloroform-d	7.653	84	193727	22.19	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.76%
26) 1,2-Dichloroethane-d4	8.311	65	123402	25.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.56%
32) Benzene-d6	8.275	84	314664	28.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.48%
36) 1,2-Dichloropropane-d6	9.274	67	116388	35.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.72%#
41) Toluene-d8	10.323	98	205790	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.56%
43) trans-1,3-Dichloroprop...	10.579	79	20576	14.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.84%
47) 2-Hexanone-d5	10.926	63	75172	131.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	263.22%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	95107	34.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	138.68%#
66) 1,2-Dichlorobenzene-d4	13.853	152	42275	21.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.08%
Target Compounds					Qvalue	
13) Acetone	4.135	43	24825	31.07	ug/L	86
14) Carbon disulfide	4.391	76	22972	1.85	ug/L	96
16) Methylene chloride	4.921	84	34439	6.60	ug/L	93
29) Cyclohexane	7.958	56	6089	1.33	ug/L #	93
33) Benzene	8.329	78	11267	0.97	ug/L	100
35) Methylcyclohexane	9.341	83	36659	7.02	ug/L #	76
40) 4-Methyl-2-pentanone	10.213	43	5611	3.09	ug/L	99
42) Toluene	10.390	91	4561	0.36	ug/L	98
52) Ethylbenzene	11.731	91	4173	0.30	ug/L	100
53) m,p-Xylene	11.835	106	4196	0.83	ug/L	92
54) o-Xylene	12.164	106	5526	1.13	ug/L	91

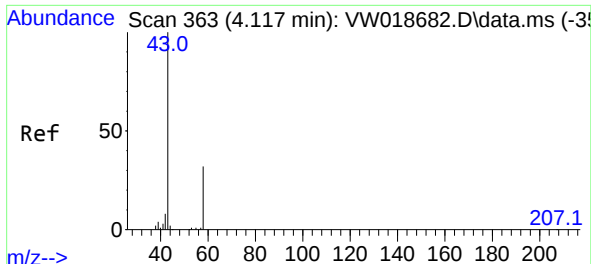
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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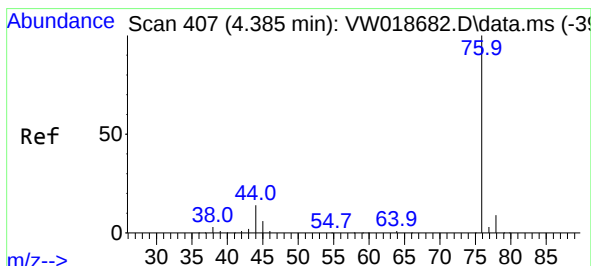
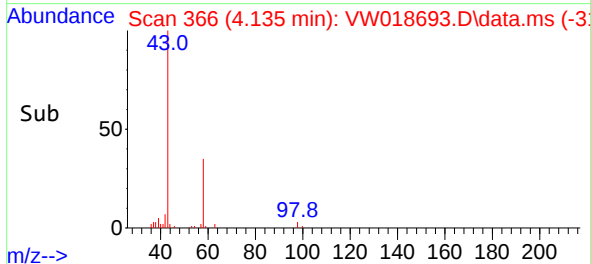
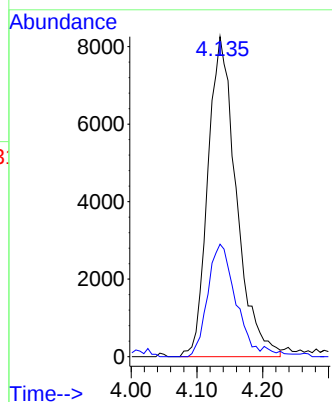
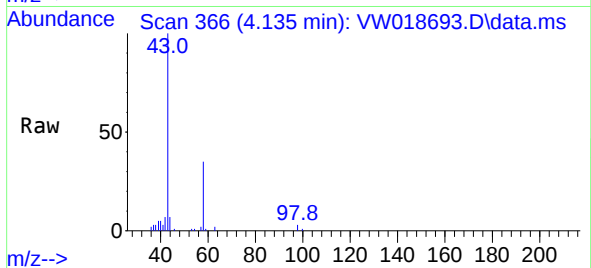




#13
Acetone
Concen: 31.07 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.018 min
Lab File: VW018693.D
Acq: 20 Apr 2021 16:00

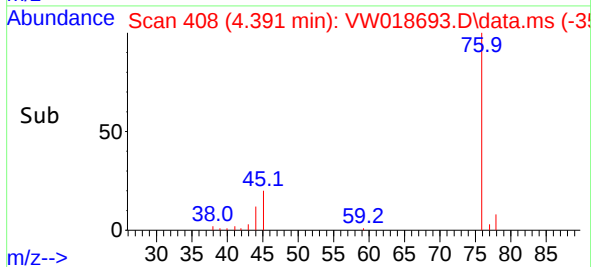
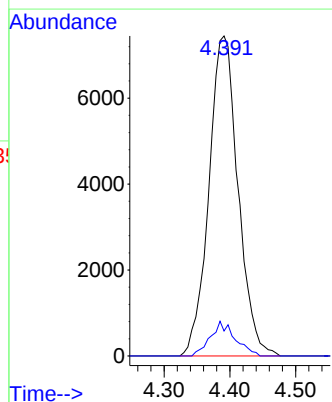
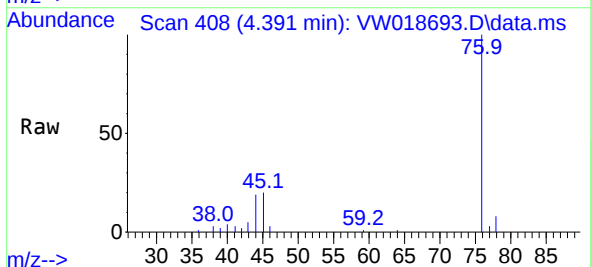
Instrument :
MSVOA_W
ClientSampled :
BG567

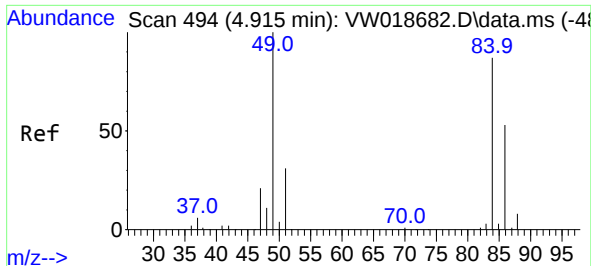
Tgt Ion: 43 Resp: 24825
Ion Ratio Lower Upper
43 100
58 34.1 0.0 53.8



#14
Carbon disulfide
Concen: 1.85 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018693.D
Acq: 20 Apr 2021 16:00

Tgt Ion: 76 Resp: 22972
Ion Ratio Lower Upper
76 100
78 7.8 7.4 11.0

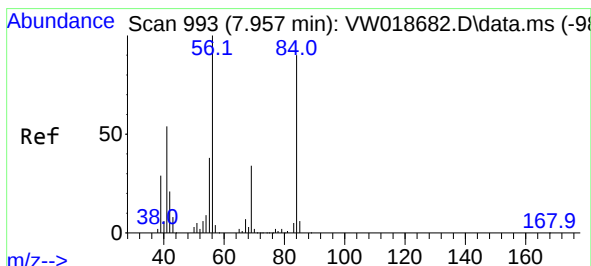
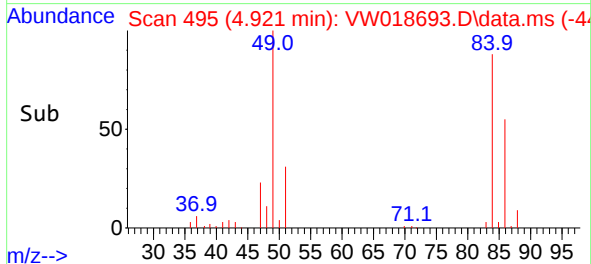
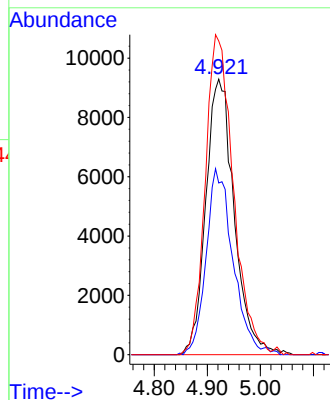
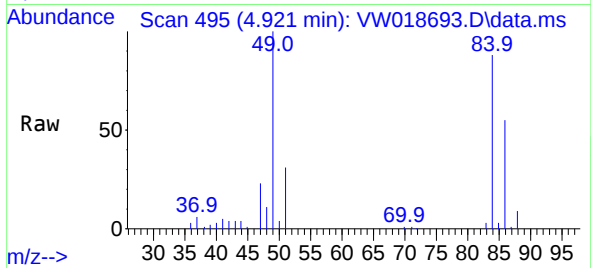




#16
Methylene chloride
Concen: 6.60 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018693.D
Acq: 20 Apr 2021 16:00

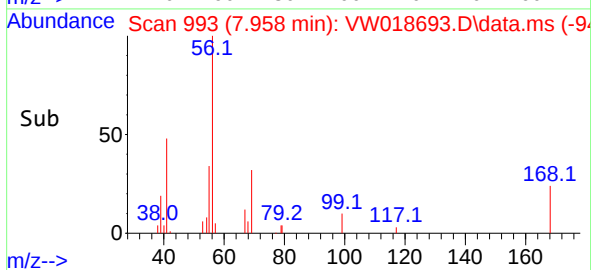
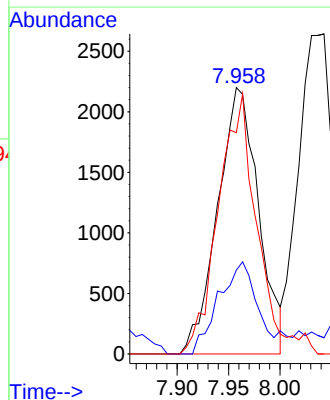
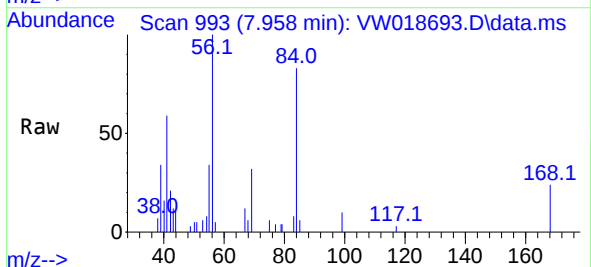
Instrument :
MSVOA_W
ClientSampled :
BG567

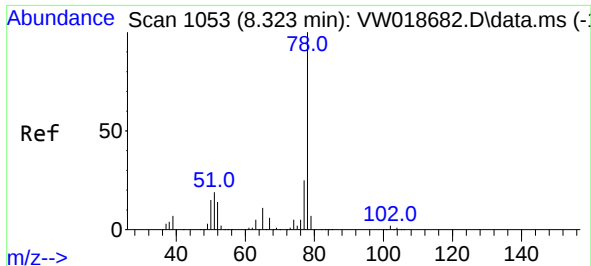
Tgt Ion: 84 Resp: 34439
Ion Ratio Lower Upper
84 100
86 62.3 45.3 84.1
49 113.8 86.6 160.8



#29
Cyclohexane
Concen: 1.33 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018693.D
Acq: 20 Apr 2021 16:00

Tgt Ion: 56 Resp: 6089
Ion Ratio Lower Upper
56 100
69 22.6 24.5 36.7#
84 89.4 75.0 112.4

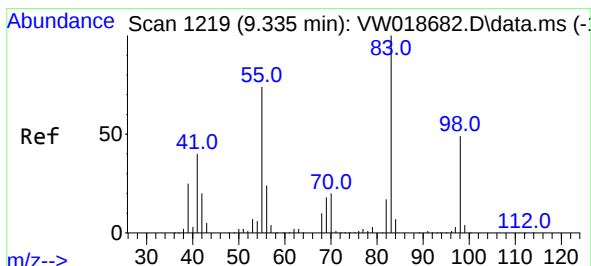
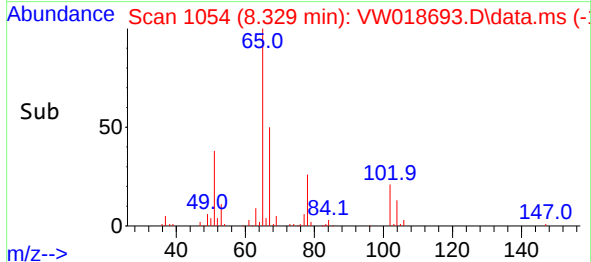
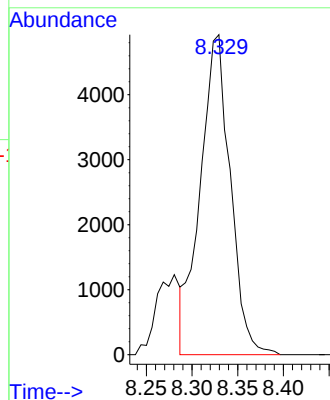
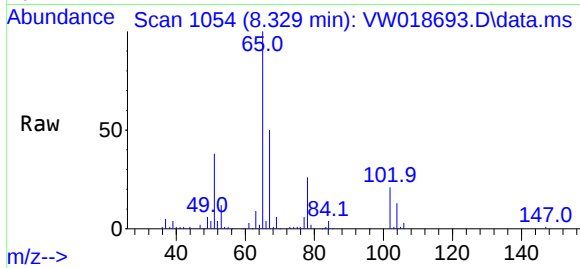




#33
Benzene
Concen: 0.97 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VW018693.D
Acq: 20 Apr 2021 16:00

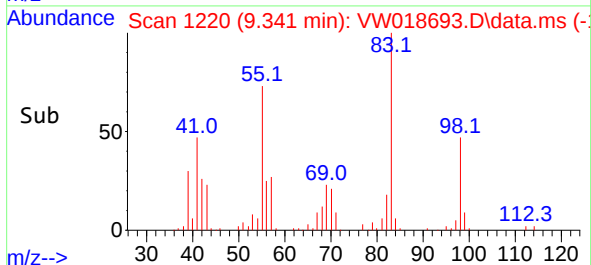
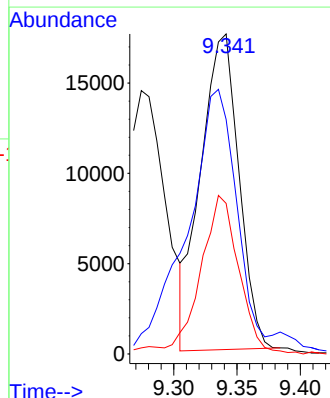
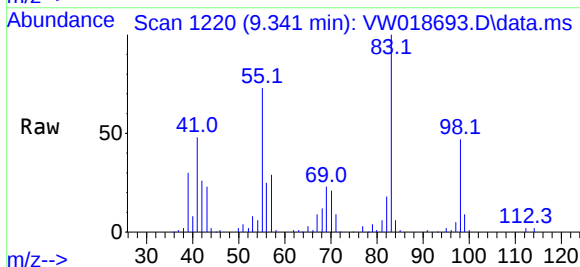
Instrument :
MSVOA_W
ClientSampled :
BG567

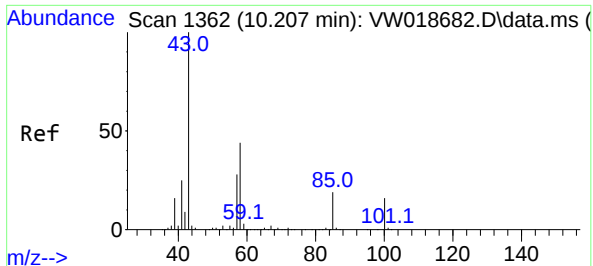
Tgt Ion: 78 Resp: 11267



#35
Methylcyclohexane
Concen: 7.02 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW018693.D
Acq: 20 Apr 2021 16:00

Tgt Ion: 83 Resp: 36659
Ion Ratio Lower Upper
83 100
55 106.7 58.9 88.3#
98 49.8 40.1 60.1

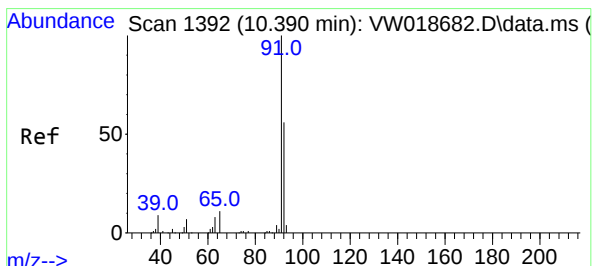
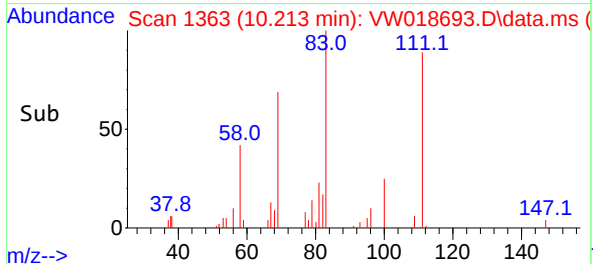
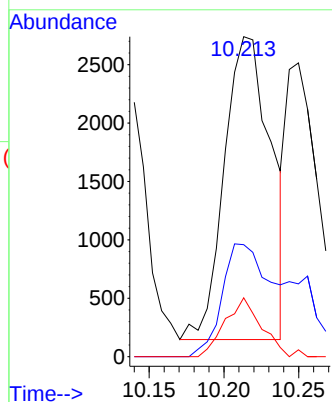
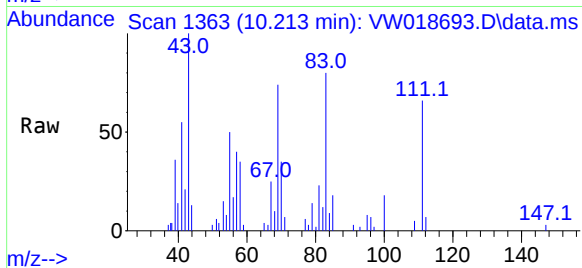




#40
4-Methyl-2-pentanone
Concen: 3.09 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018693.D
Acq: 20 Apr 2021 16:00

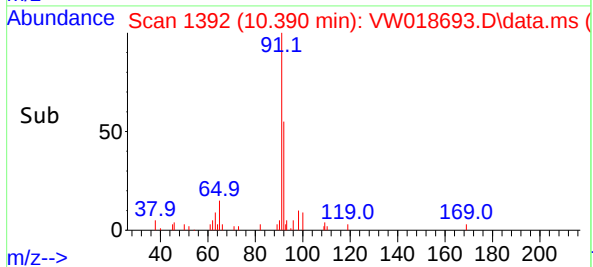
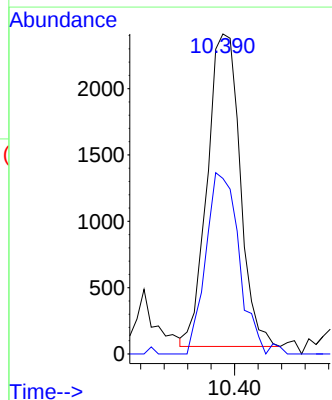
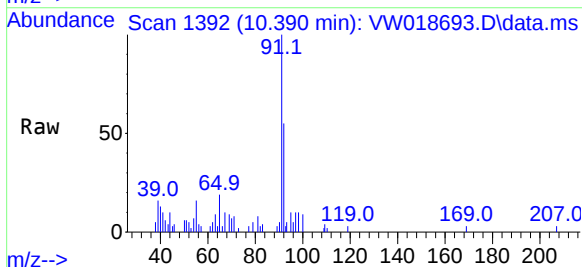
Instrument :
MSVOA_W
ClientSampleId :
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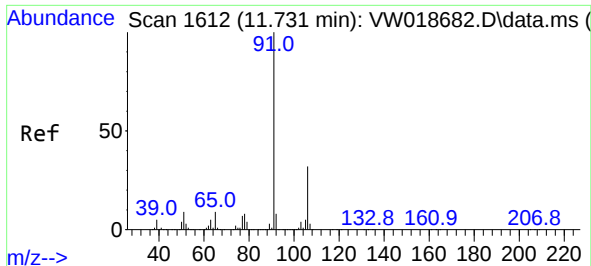
Tgt Ion:	43	Resp:	5611
Ion	Ratio	Lower	Upper
43	100		
58	38.5	31.0	46.4
100	15.1	13.0	19.6



#42
Toluene
Concen: 0.36 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018693.D
Acq: 20 Apr 2021 16:00

Tgt Ion:	91	Resp:	4561
Ion	Ratio	Lower	Upper
91	100		
92	54.9	39.5	73.3

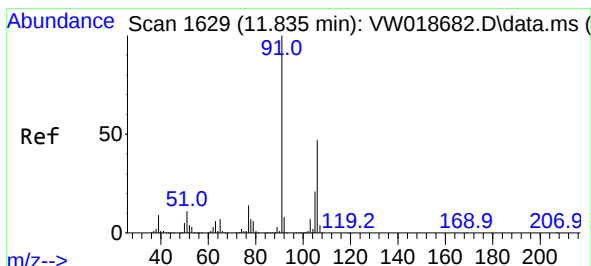
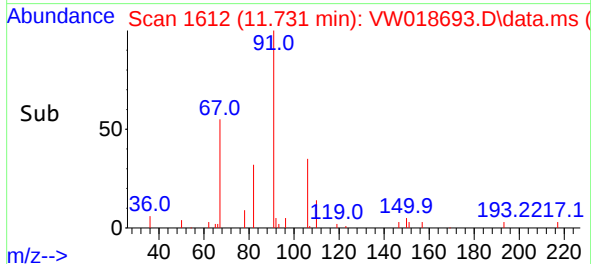
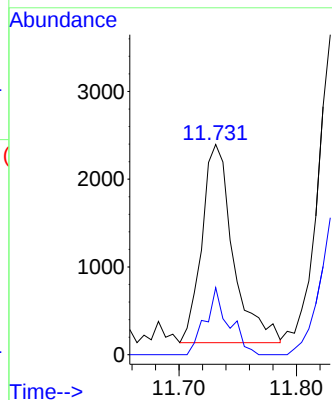
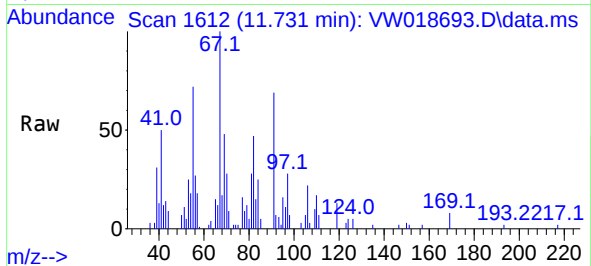




#52
Ethylbenzene
Concen: 0.30 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018693.D
Acq: 20 Apr 2021 16:00

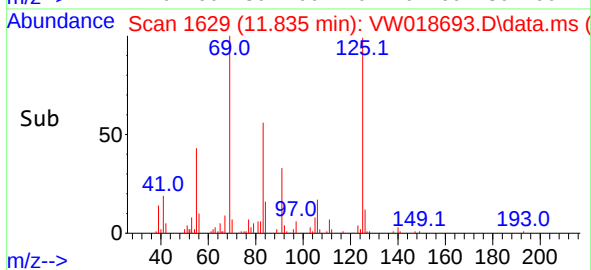
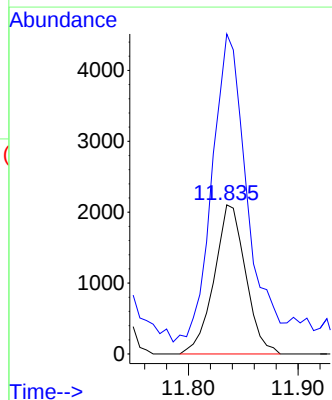
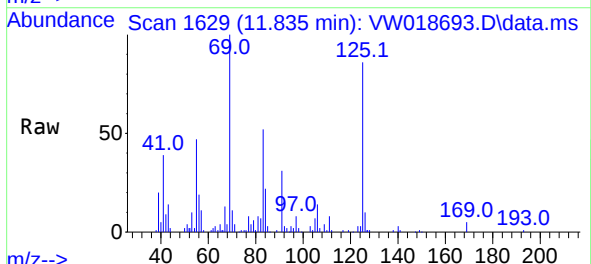
Tgt Ion: 91 Resp: 4173
Ion Ratio Lower Upper
91 100
106 31.9 22.5 41.7

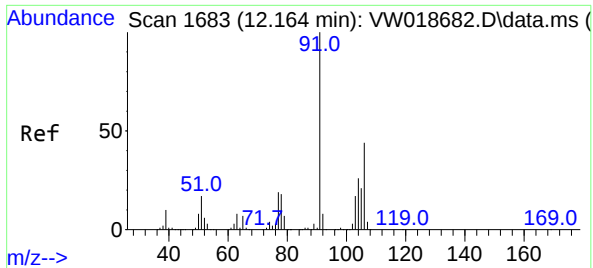
Instrument :
MSVOA_W
ClientSampled :
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#53
m,p-Xylene
Concen: 0.83 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW018693.D
Acq: 20 Apr 2021 16:00

Tgt Ion: 106 Resp: 4196
Ion Ratio Lower Upper
106 100
91 214.6 141.3 262.3





#54
o-Xylene
Concen: 1.13 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018693.D
Acq: 20 Apr 2021 16:00

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:106 Resp: 5526
Ion Ratio Lower Upper
106 100
91 228.2 150.0 278.6

