

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081420\
 Data File : VW016193.D
 Acq On : 14 Aug 2020 15:40
 Operator : SY/VA
 Sample : L3662-05
 Misc : 7.36G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 RBR-59

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.324	61	69	73	rBV	15390	30472	2.89%	0.445%
2	2.654	116	123	129	rVB2	5628	10754	1.02%	0.157%
3	3.385	236	243	255	rBV3	11006	27254	2.59%	0.398%
4	4.202	368	377	393	rVB	52958	148091	14.06%	2.161%
5	4.915	481	494	510	rBV2	44817	161941	15.38%	2.363%
6	7.153	849	861	872	rBV3	5437	16848	1.60%	0.246%
7	7.884	971	981	986	rBV2	151045	361690	34.34%	5.277%
8	7.951	986	992	1002	rVB	268590	597319	56.72%	8.715%
9	8.305	1040	1050	1061	rBV	138414	303405	28.81%	4.427%
10	8.842	1129	1138	1158	rBV	411044	812644	77.16%	11.856%
11	10.134	1343	1350	1357	rBV	15769	30102	2.86%	0.439%
12	10.323	1372	1381	1390	rBV	592634	1053150	100.00%	15.365%
13	11.634	1588	1596	1608	rBV	493578	820269	77.89%	11.967%
14	12.469	1727	1733	1739	rVB2	6777	10831	1.03%	0.158%
15	12.621	1750	1758	1769	rBV	345684	562370	53.40%	8.205%
16	13.560	1905	1912	1921	rVB	347830	555441	52.74%	8.104%
17	13.877	1959	1964	1974	rBV6	8536	17927	1.70%	0.262%
18	14.072	1989	1996	2012	rVB	66269	119439	11.34%	1.743%
19	14.206	2012	2018	2024	rBV2	22116	40385	3.83%	0.589%
20	14.383	2043	2047	2052	rBV4	13433	21254	2.02%	0.310%
21	14.548	2070	2074	2079	rVB5	11752	20720	1.97%	0.302%
22	14.609	2080	2084	2088	rBV6	5630	11887	1.13%	0.173%
23	14.737	2094	2105	2109	rBV8	12953	30056	2.85%	0.439%
24	14.810	2109	2117	2121	rBV5	25266	74065	7.03%	1.081%
25	14.865	2121	2126	2130	rBV5	24727	47283	4.49%	0.690%
26	14.969	2139	2143	2147	rBV3	18272	27883	2.65%	0.407%
27	15.060	2155	2158	2163	rVB6	16136	22131	2.10%	0.323%
28	15.182	2171	2178	2179	rBV6	21278	44520	4.23%	0.650%
29	15.255	2186	2190	2198	rVB5	26589	56983	5.41%	0.831%
30	15.334	2198	2203	2207	rBV8	21938	43219	4.10%	0.631%
31	15.420	2214	2217	2221	rBV4	22892	32306	3.07%	0.471%
32	15.499	2223	2230	2237	rVV	163023	327371	31.08%	4.776%
33	15.572	2238	2242	2249	rVB8	24524	57170	5.43%	0.834%
34	15.737	2265	2269	2273	rBV6	28762	53708	5.10%	0.784%

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ALS Vial : 15 Sample Multiplier: 1

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	15.871	2287	2291	2296	rBV4	36794	64760	6.15%	0.945%
36	16.182	2337	2342	2349	rVB7	45161	102512	9.73%	1.496%
37	16.383	2369	2375	2380	rBV2	57530	136094	12.92%	1.986%

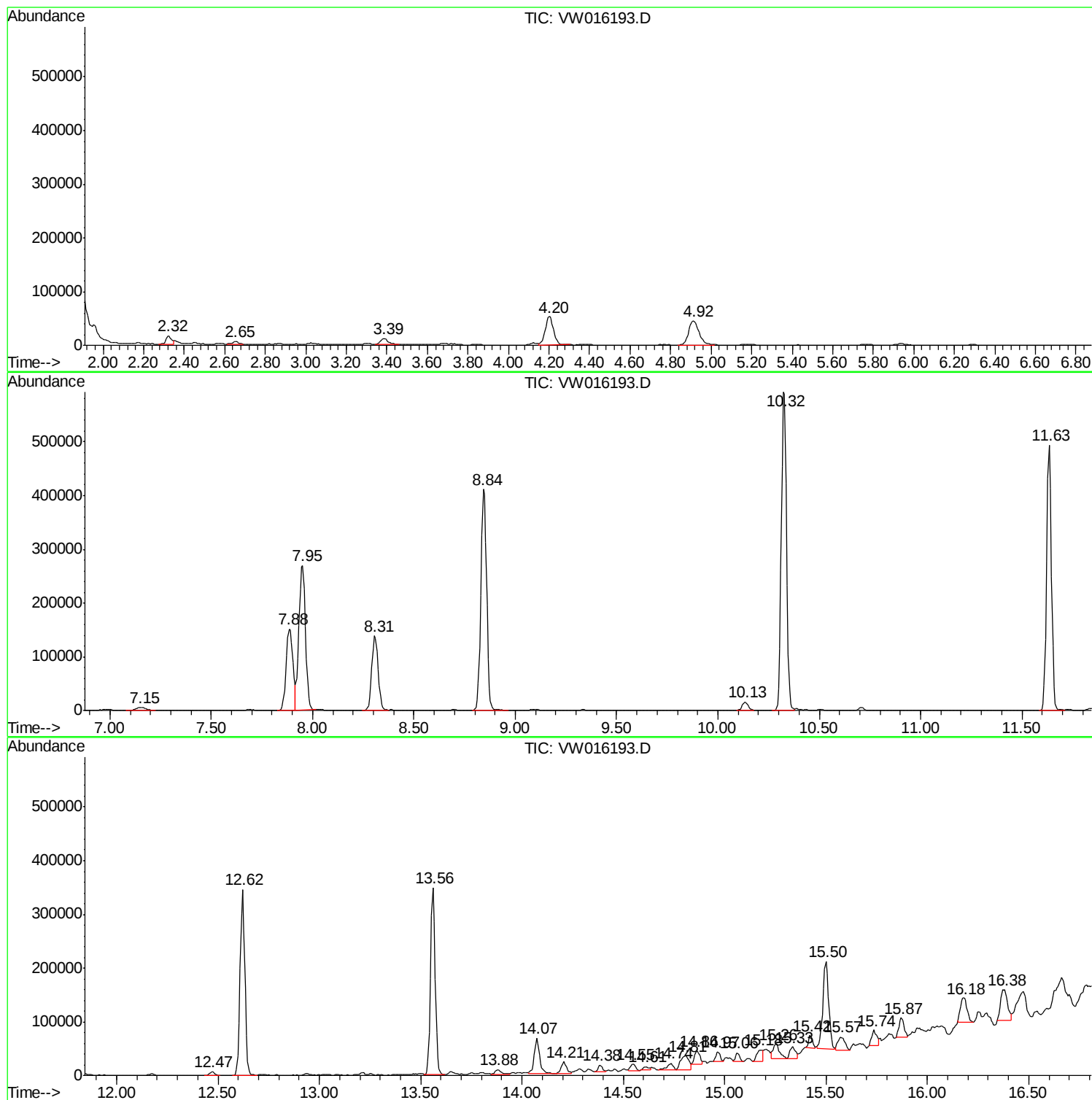
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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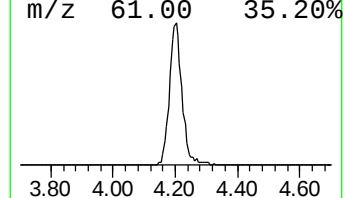
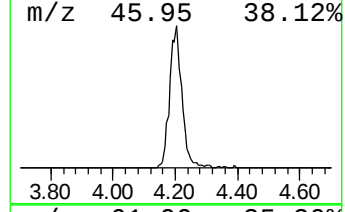
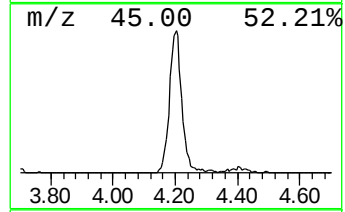
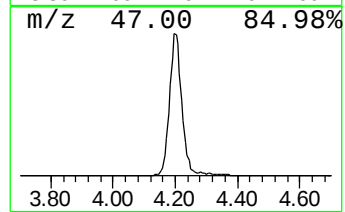
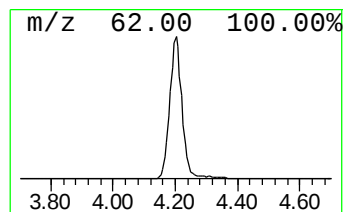
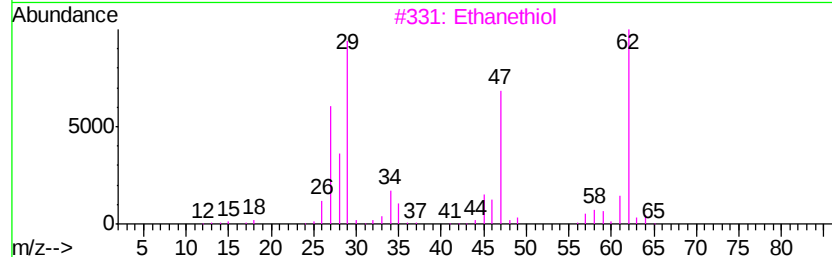
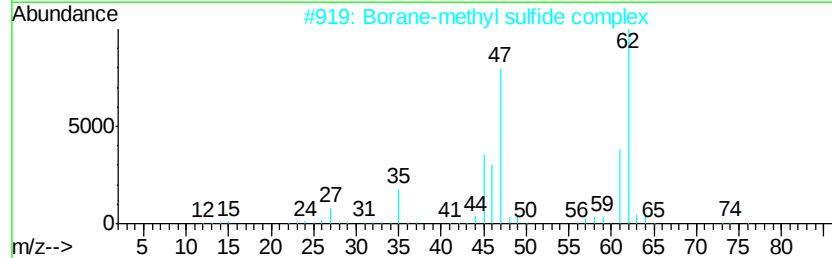
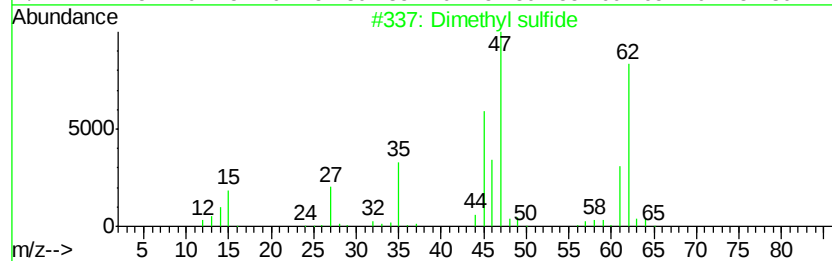
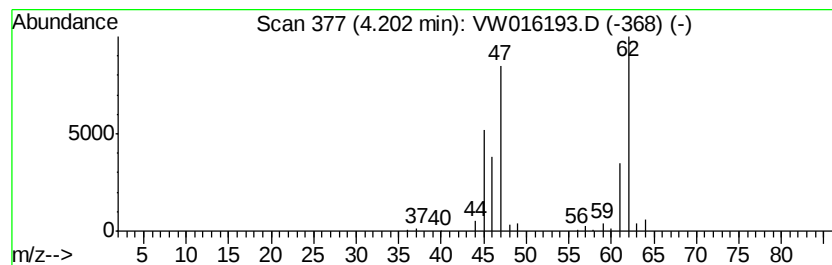
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	12.40 ug/l	148091	Pentafluorobenzene	7.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90
3		Ethanethiol	62	C2H6S	000075-08-1	72
4		Ethene, chloro-	62	C2H3Cl	000075-01-4	40
5		Boric acid	62	BH3O3	010043-35-3	9



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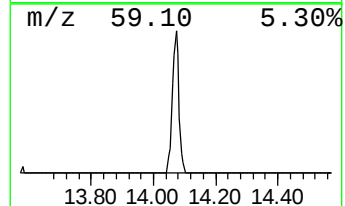
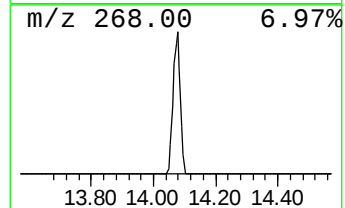
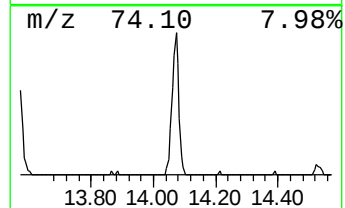
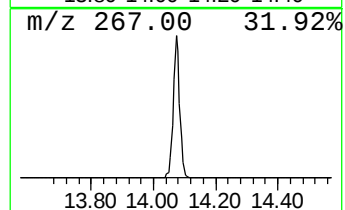
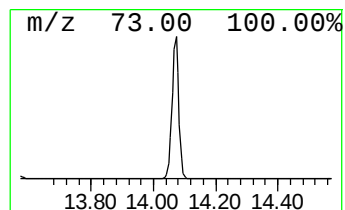
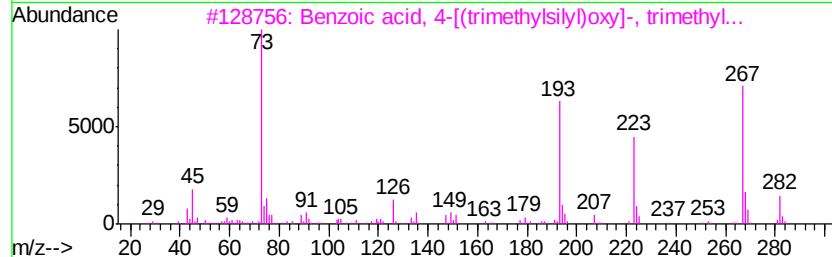
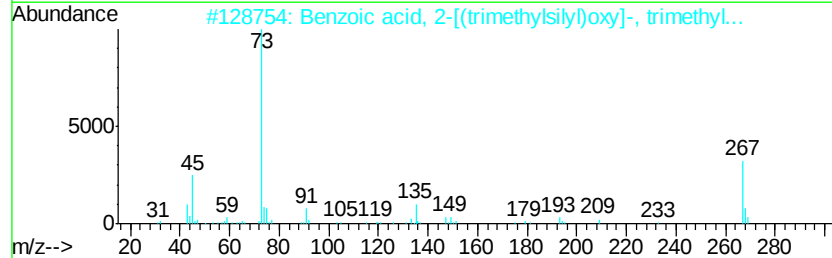
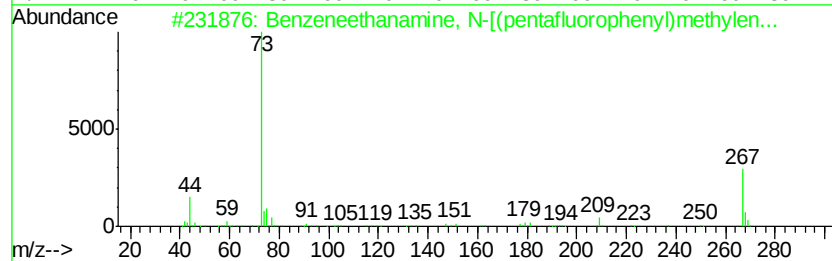
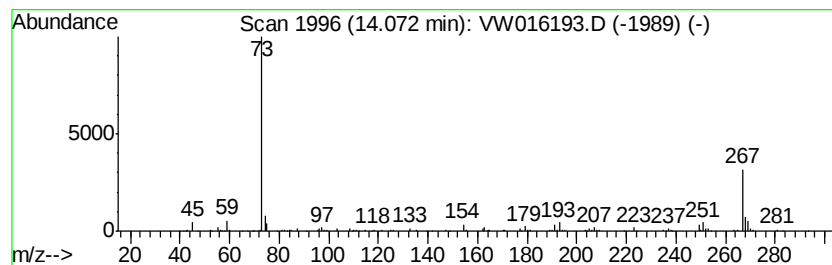
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzeneethanamine, N-[(pent... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	10.75 ug/l	119439	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneethanamine, N-[(pentafluoro...	475	C21H26F5N02Si2	055429-85-1	50
2		Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	45
3		Benzoic acid, 4-[(trimethylsilyl)...	282	C13H22O3Si2	002078-13-9	38
4		Trimethylsilyloxvethane, 2-(3-tr...	282	C14H26O2Si2	1000365-49-0	36
5		Tetrasiloxane, 1,1,3,3,5,5,7,7-o...	282	C8H26O3Si4	001000-05-1	25



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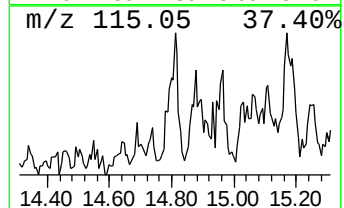
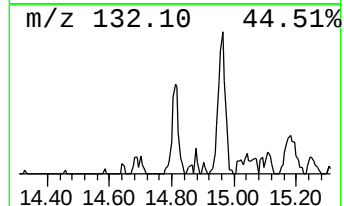
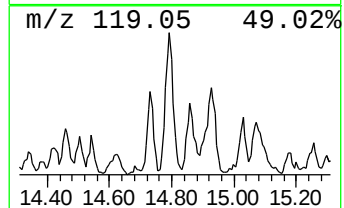
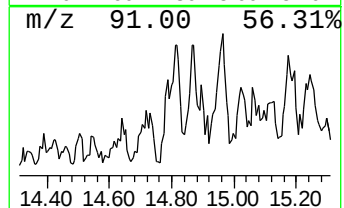
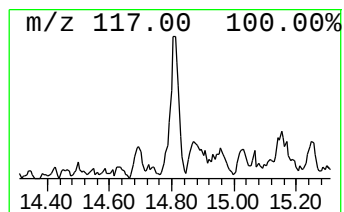
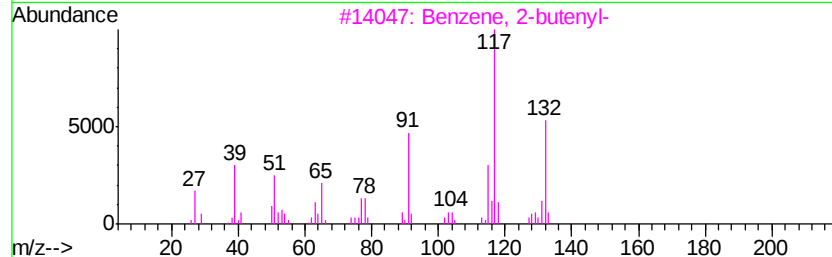
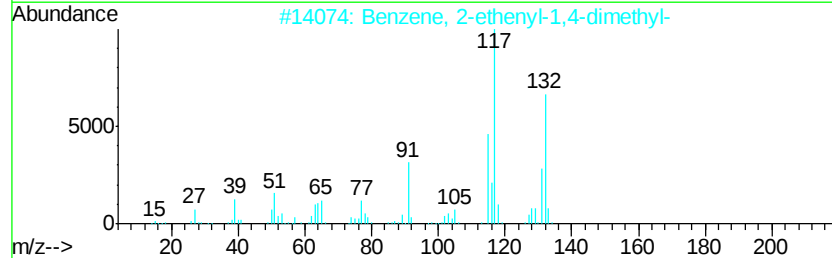
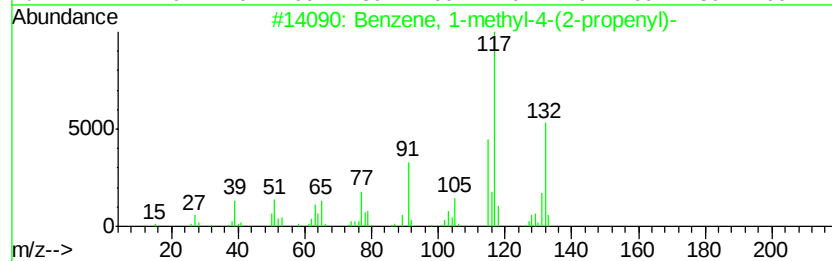
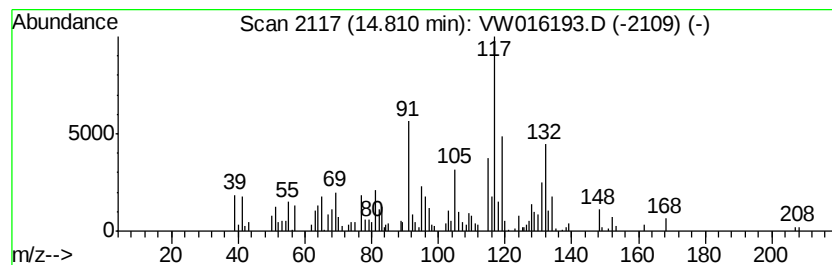
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-methyl-4-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	6.67 ug/l	74065	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	87
2		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
3		Benzene, 2-butenyl-	132	C10H12	001560-06-1	60
4		2,4-Dimethylstyrene	132	C10H12	002234-20-0	55
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	55



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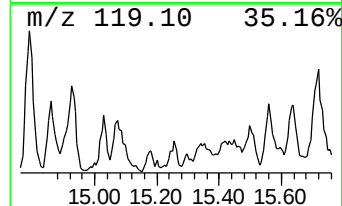
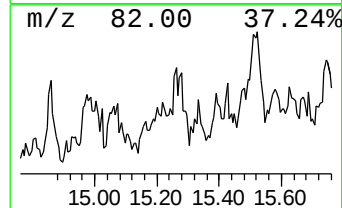
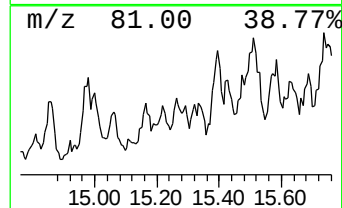
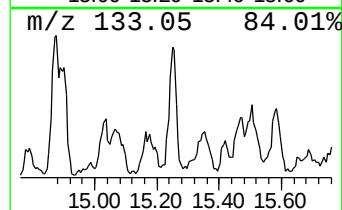
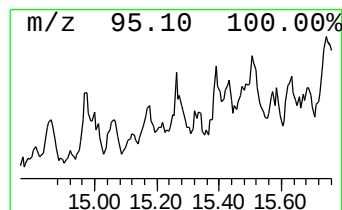
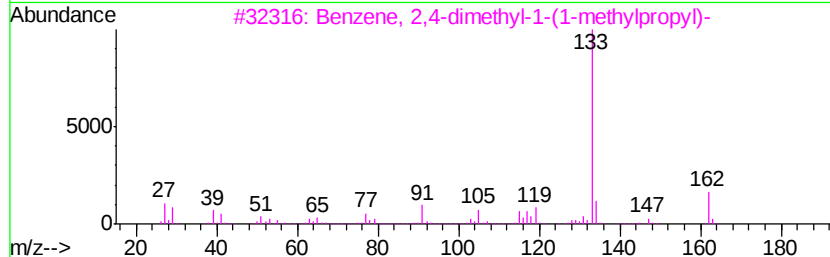
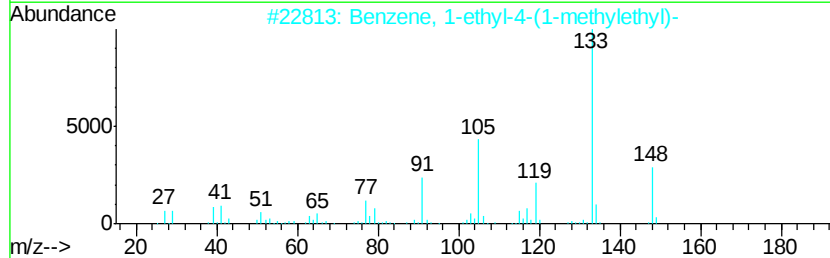
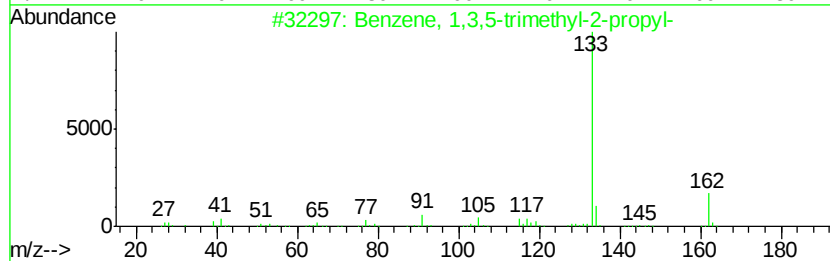
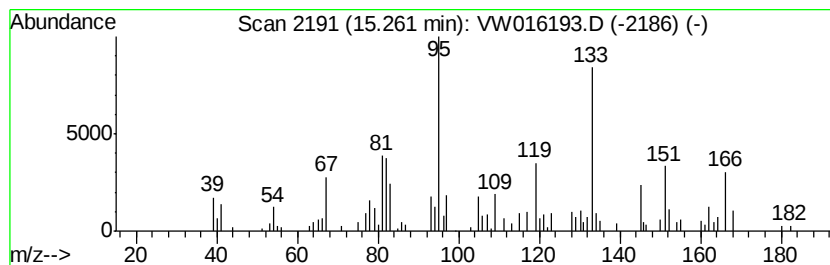
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Peak Number 4 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	5.13 ug/l	56983	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trimethyl-2-propyl-	162	C12H18	004810-04-2	52
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	50
3		Benzene, 2,4-dimethyl-1-(1-methyl-...	162	C12H18	001483-60-9	49
4		Benzene, 1,4-dipropyl-	162	C12H18	004815-57-0	47
5		Benzene, 1,3-dimethyl-5-(1-methyl-...	148	C11H16	004706-90-5	47



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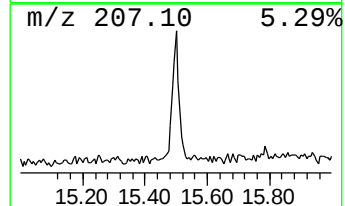
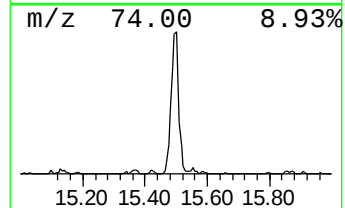
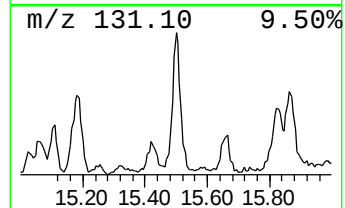
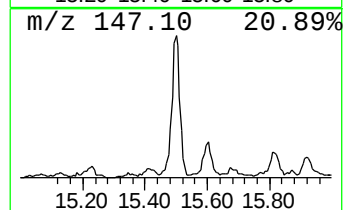
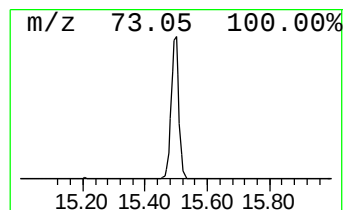
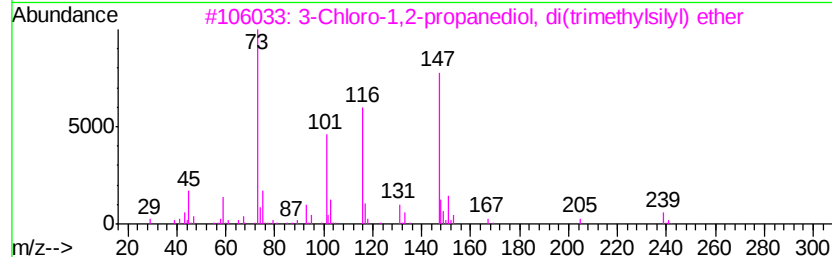
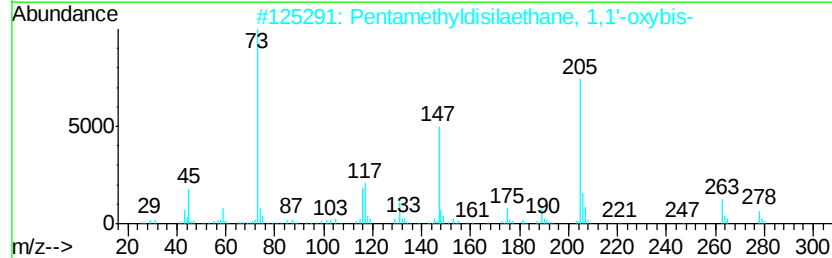
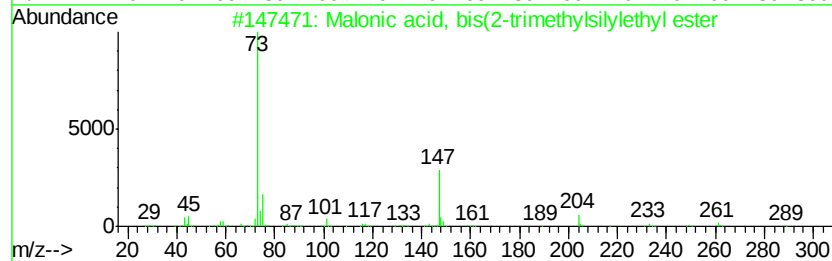
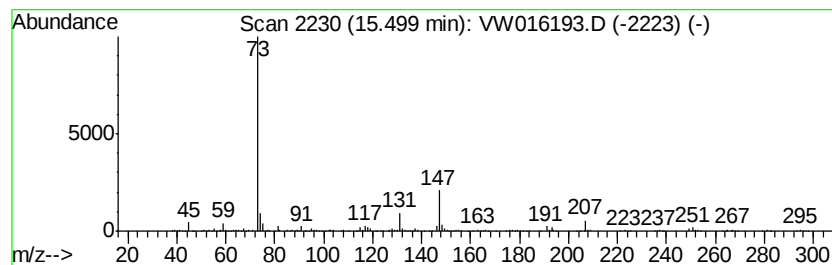
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Peak Number 5 Malonic acid, bis(2-trimeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	29.47 ug/l	327371	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Malonic acid, bis(2-trimethylsil...	304	C13H28O4Si2	090744-45-9	50
2		Pentamethyldisilaethane, 1,1'-ox...	278	C10H30OSi4	001560-31-2	39
3		3-Chloro-1,2-propanediol, di(tri...	254	C9H23ClO2Si2	073639-52-8	36
4		Sulfuric acid, bis(tert-butylldim...	326	C12H30O4SSi2	085207-88-1	33
5		Propanoic acid, 2-[(trimethylsil...	234	C9H22O3Si2	017596-96-2	17



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081420\
Data File : VW016193.D
Acq On : 14 Aug 2020 15:40
Operator : SY/VA
Sample : L3662-05
Misc : 7.36G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RBR-59

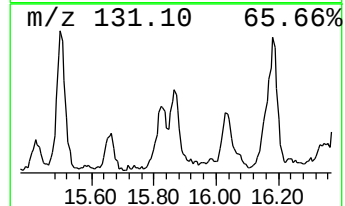
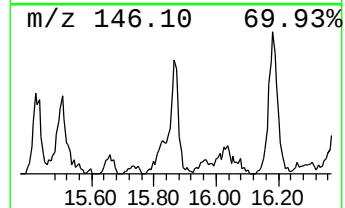
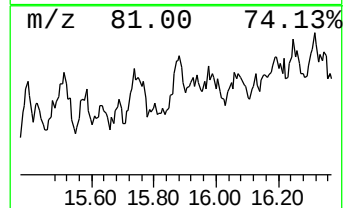
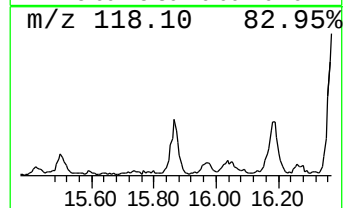
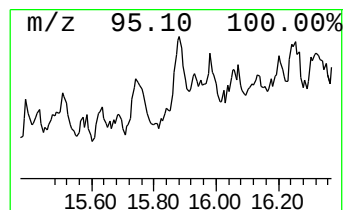
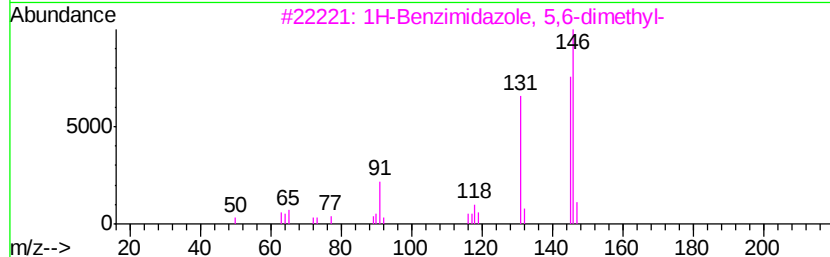
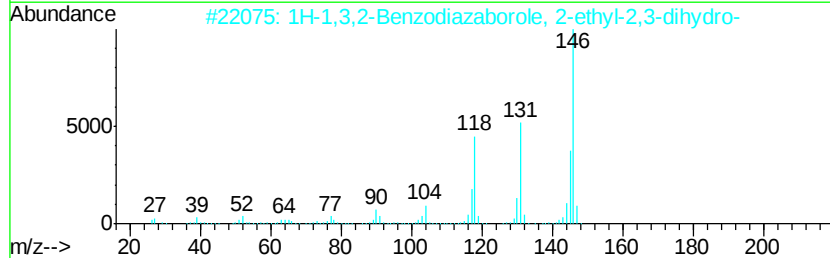
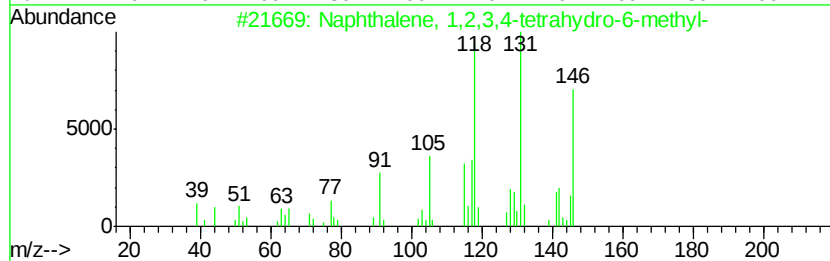
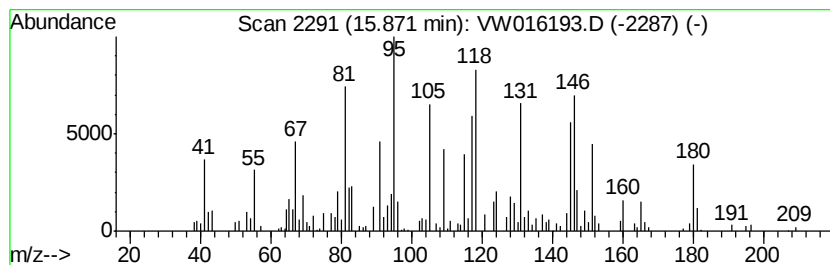
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown15.87 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	5.83 ug/l	64760	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	38
2		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	30
3		1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	25
4		1H-Indole-6-methanamine	146	C9H10N2	1000362-59-0	22
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	18



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081420\
Data File : VW016193.D
Acq On : 14 Aug 2020 15:40
Operator : SY/VA
Sample : L3662-05
Misc : 7.36G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

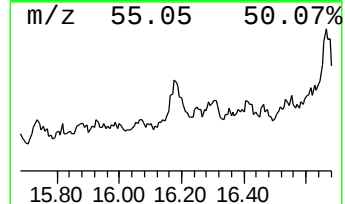
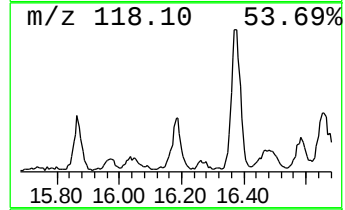
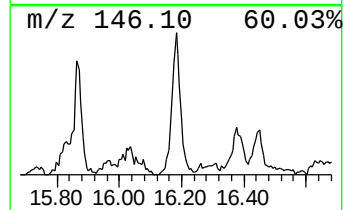
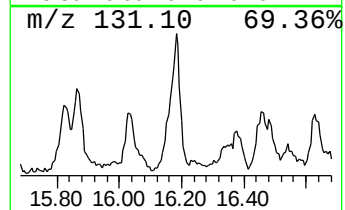
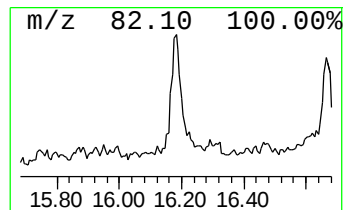
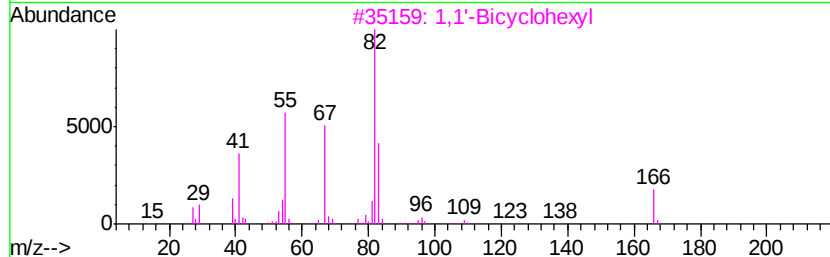
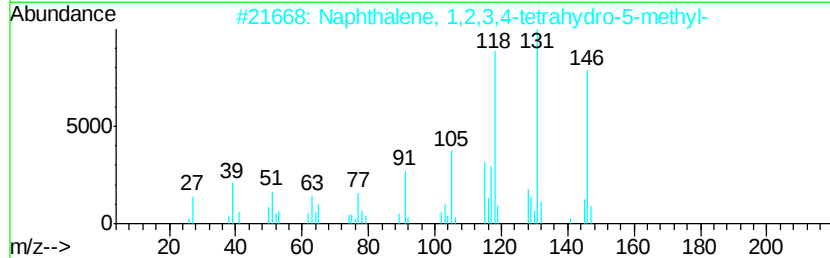
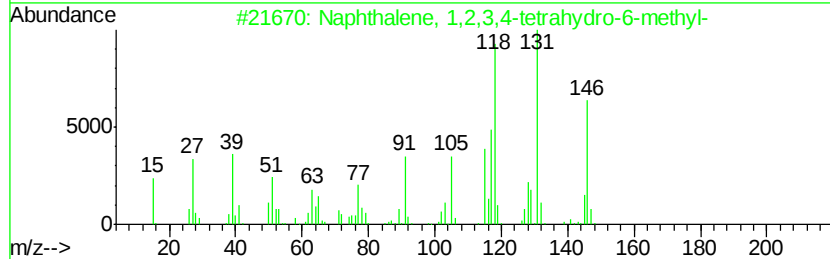
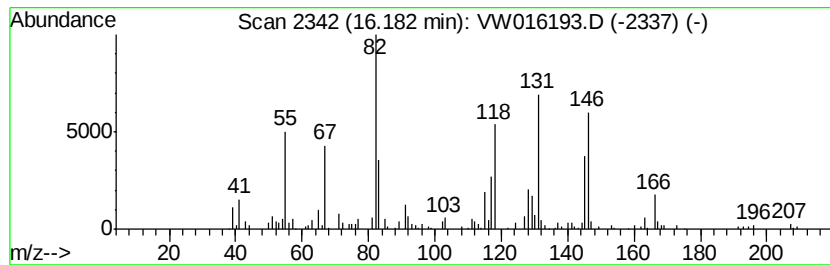
Instrument :
MSVOA_W
ClientSampleId :
RBR-59

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown16.18 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
16.18	9.23 ug/l	102512	1,4-Dichlorobenzene-d4		13.56
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	45
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	35
3	1,1'-Bicyclohexyl	166	C12H22	000092-51-3	30
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	27
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081420\
Data File : VW016193.D
Acq On : 14 Aug 2020 15:40
Operator : SY/VA
Sample : L3662-05
Misc : 7.36G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RBR-59

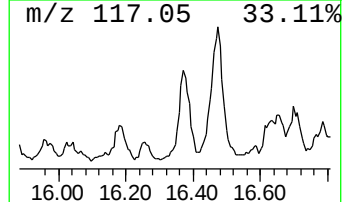
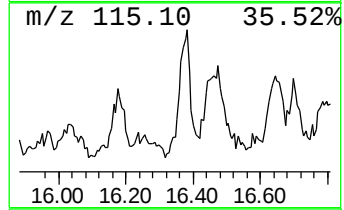
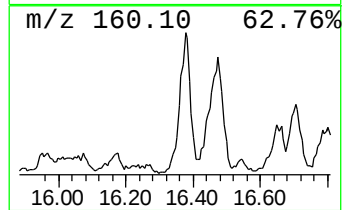
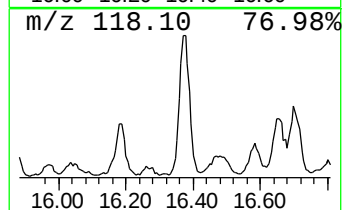
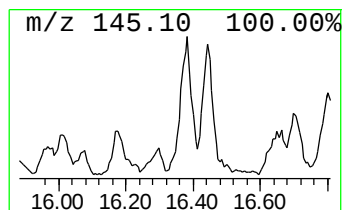
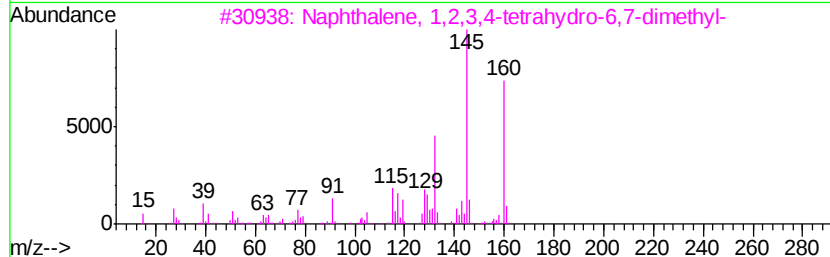
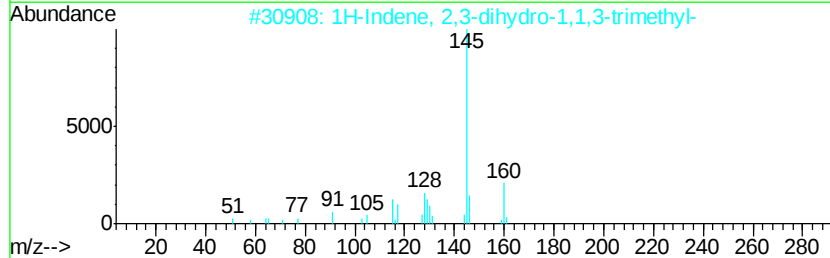
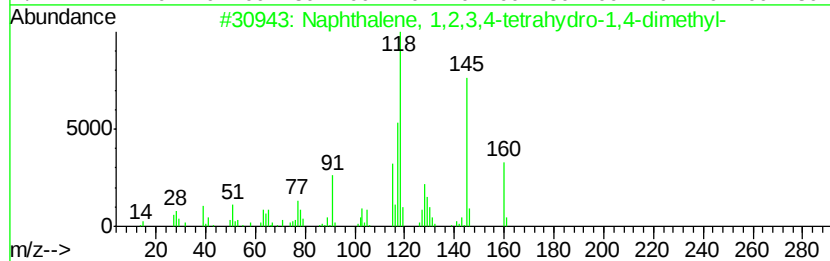
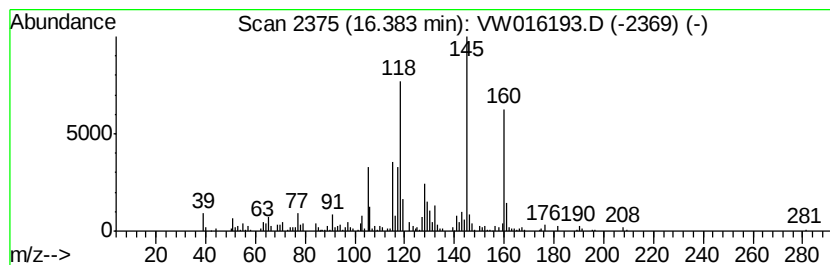
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	12.25 ug/l	136094	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	83
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	70
4		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	60
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW081420\
Data File : VW016193.D
Acq On : 14 Aug 2020 15:40
Operator : SY/VA
Sample : L3662-05
Misc : 7.36G/5ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RBR-59

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	4.20	12.4	ug/l	148091	1	7.95	597319	50.0
Benzeneethanamine...	14.07	10.8	ug/l	119439	4	13.56	555441	50.0
Benzene, 1-methyl...	14.81	6.7	ug/l	74065	4	13.56	555441	50.0
Benzene, 1,3,5-tr...	15.26	5.1	ug/l	56983	4	13.56	555441	50.0
Malonic acid, bis...	15.50	29.5	ug/l	327371	4	13.56	555441	50.0
unknown15.87	15.87	5.8	ug/l	64760	4	13.56	555441	50.0
unknown16.18	16.18	9.2	ug/l	102512	4	13.56	555441	50.0
Naphthalene, 1,2,...	16.38	12.3	ug/l	136094	4	13.56	555441	50.0