

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
 Data File : VY000695.D
 Acq On : 15 Nov 2019 13:00
 Operator : SY/MD
 Sample : K5861-03
 Misc : 5.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-3

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

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.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	7.730	973	983	989	rBV2	128549	314649	6.98%	2.114%
2	7.803	989	995	1009	rVB2	218600	499741	11.08%	3.358%
3	8.150	1041	1052	1066	rBV	133743	306179	6.79%	2.057%
4	8.699	1133	1142	1154	rVB	360068	702110	15.57%	4.718%
5	10.180	1377	1385	1393	rBV	556556	955186	21.19%	6.419%
6	11.491	1592	1600	1610	rBV	528199	851028	18.88%	5.719%
7	12.479	1753	1762	1770	rBV	404220	614614	13.63%	4.130%
8	13.424	1904	1917	1924	rBV	490729	777871	17.25%	5.227%
9	14.125	2027	2032	2040	rBV6	52896	132806	2.95%	0.892%
10	14.210	2042	2046	2050	rBV7	32119	52036	1.15%	0.350%
11	14.283	2050	2058	2066	rBV	68207	172450	3.82%	1.159%
12	14.393	2071	2076	2079	rBV	75298	117990	2.62%	0.793%
13	14.454	2082	2086	2097	rVB4	103014	254184	5.64%	1.708%
14	14.735	2128	2132	2136	rBV6	45784	74530	1.65%	0.501%
15	14.875	2145	2155	2161	rBV9	118427	317020	7.03%	2.130%
16	14.942	2161	2166	2170	rBV2	106300	174931	3.88%	1.176%
17	15.027	2170	2180	2185	rBV5	196340	620742	13.77%	4.171%
18	15.088	2185	2190	2191	rBV3	114603	175659	3.90%	1.180%
19	15.338	2217	2231	2243	rBV3	269153	1431135	31.74%	9.617%
20	15.442	2244	2248	2252	rBV4	108950	212169	4.71%	1.426%
21	15.692	2285	2289	2292	rBV5	178424	355706	7.89%	2.390%
22	15.887	2318	2321	2325	rVB2	259130	340602	7.55%	2.289%
23	16.472	2414	2417	2423	rVB3	492470	919275	20.39%	6.177%
24	16.765	2457	2465	2472	rBV2	1785564	4508696	100.00%	30.298%

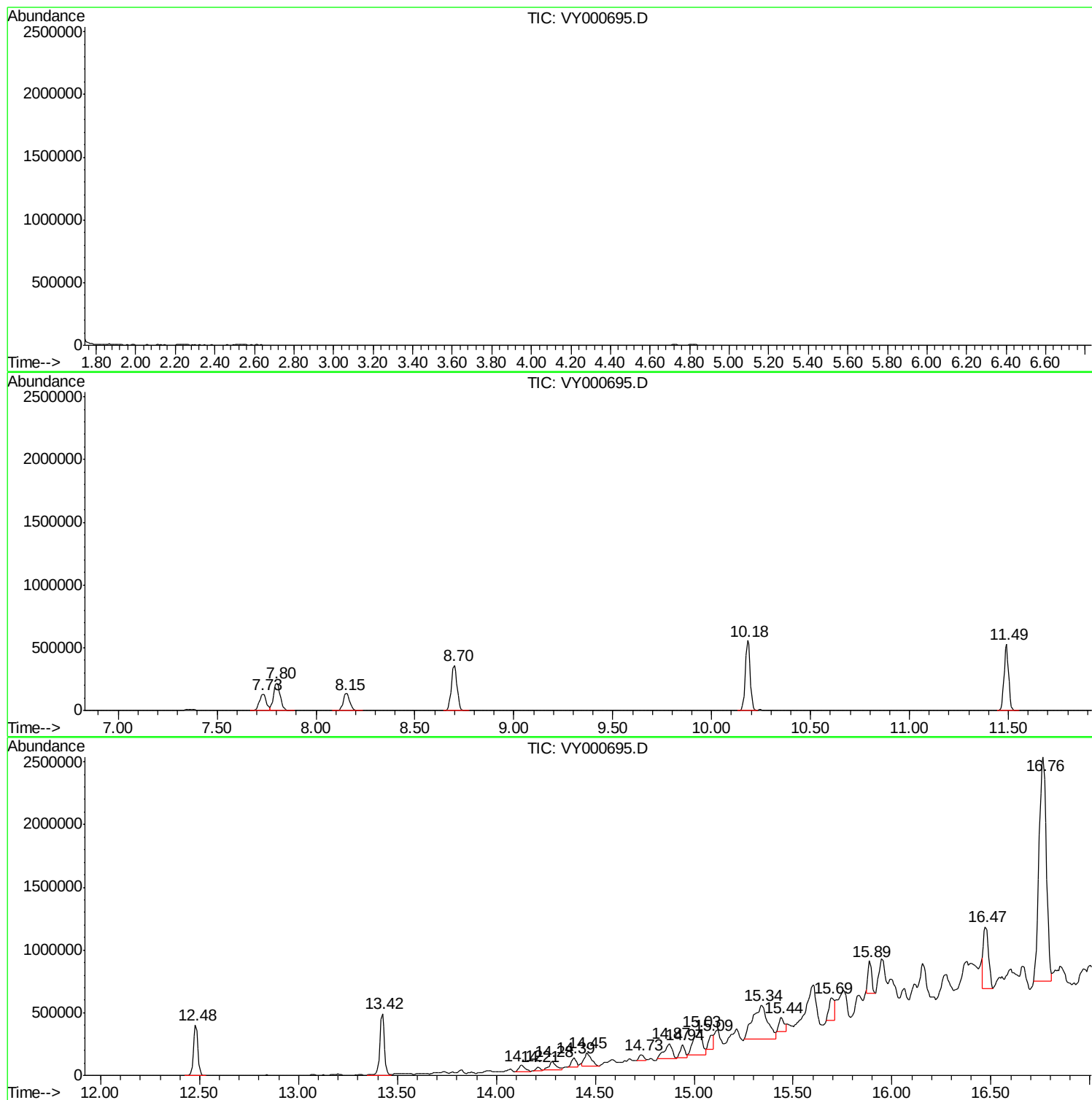
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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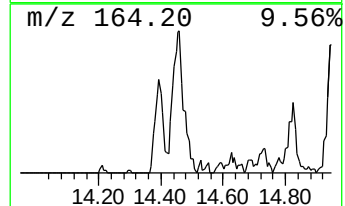
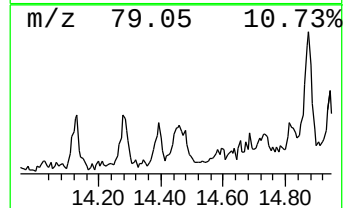
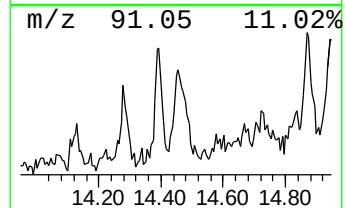
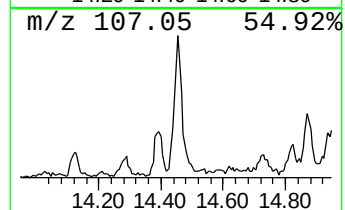
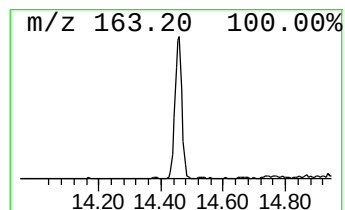
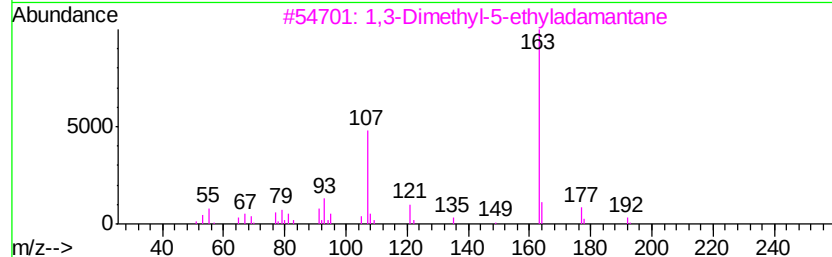
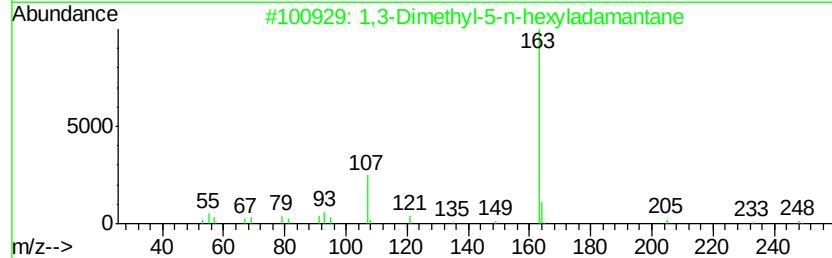
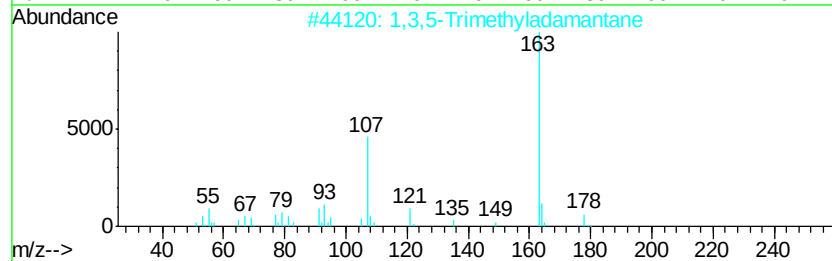
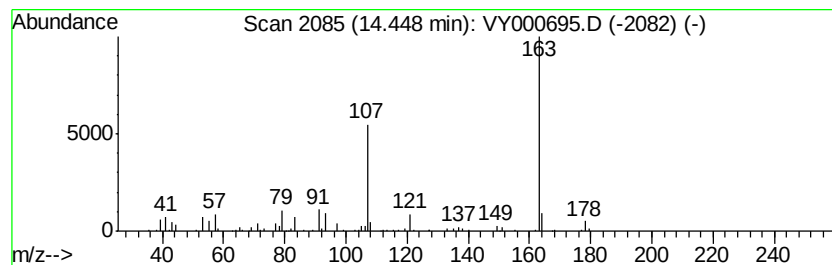
Instrument :
MSV0A_Y
ClientSampleId :
EP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 1 1,3,5-Trimethyladamantane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	16.34 ug/l	254184	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,3,5-Trimethyladamantane	178 C13H22	000707-35-7	83
2	1,3-Dimethyl-5-n-hexyladamantane	248 C18H32	052873-50-4	72
3	1,3-Dimethyl-5-ethyladamantane	192 C14H24	001687-35-0	56
4	1,2-Dimethyl-5-nitroadamantane	209 C12H19NO2	006588-68-7	50
5	5'-Hydroxy-2',3',4'-trimethylace...	178 C11H14O2	013667-28-2	47



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Instrument :
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ClientSampled :
EP-3

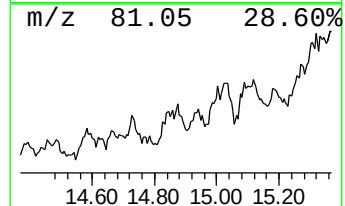
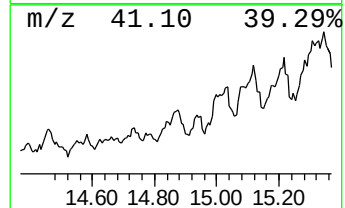
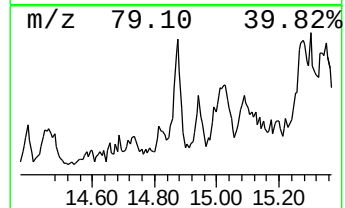
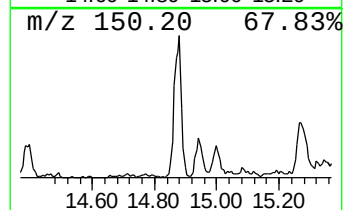
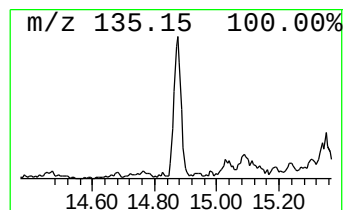
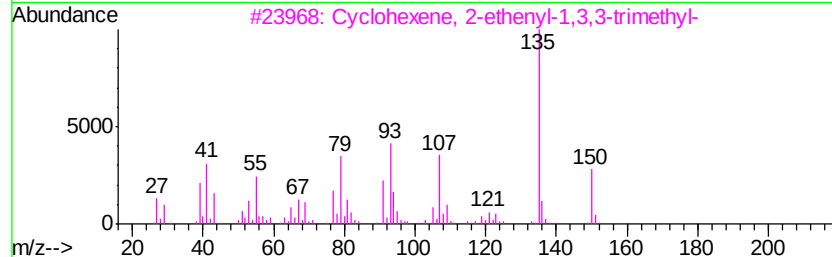
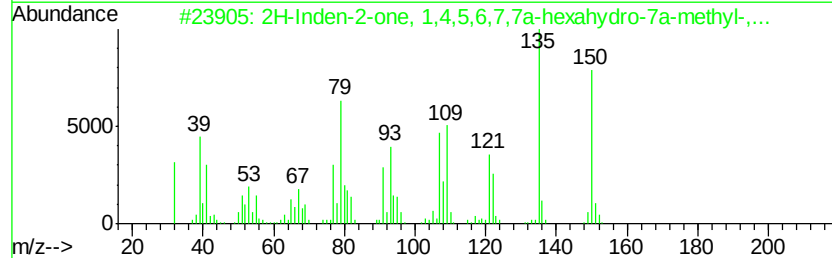
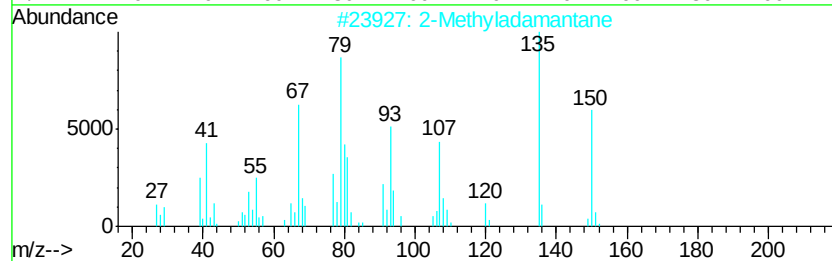
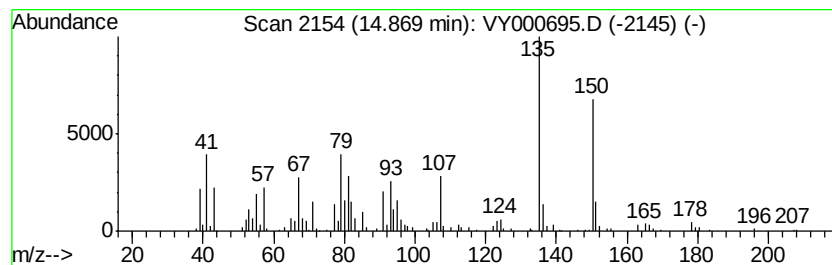
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 2 2-Methyladamantane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	20.38 ug/l	317020	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyladamantane	150	C11H18	000700-56-1	93
2		2H-Inden-2-one, 1,4,5,6,7,7a-hex...	150	C10H14O	054725-16-5	87
3		Cyclohexene, 2-ethenyl-1,3,3-tri...	150	C11H18	005293-90-3	80
4		Cyclohexanone, 2-(2-butenyl)-	150	C10H14O	054166-48-2	80
5		3,9-Epoxy-p-mentha-1,8(10)-diene	150	C10H14O	1000111-14-8	74



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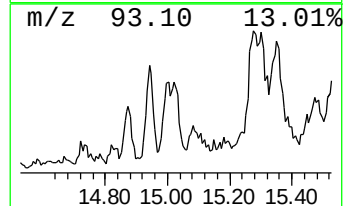
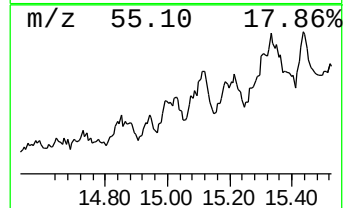
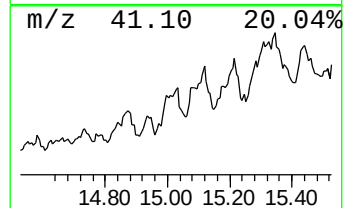
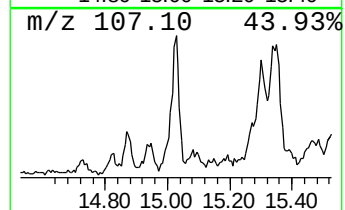
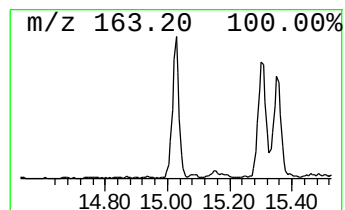
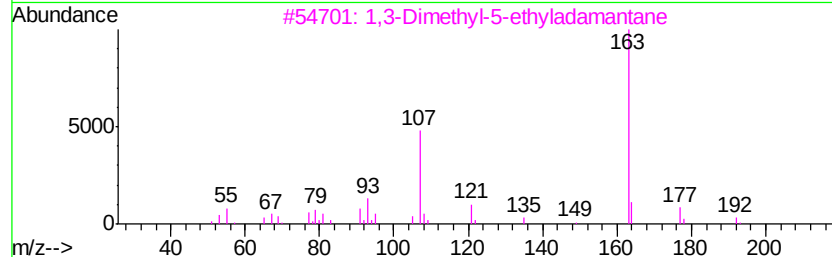
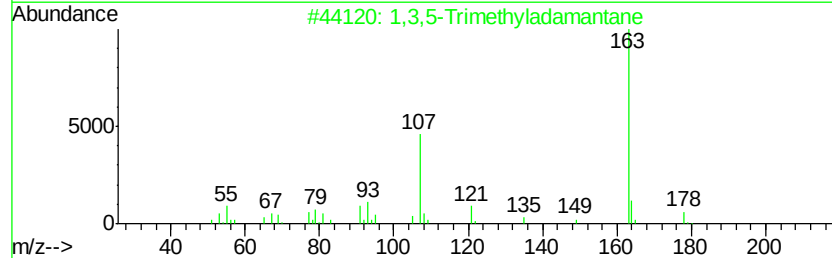
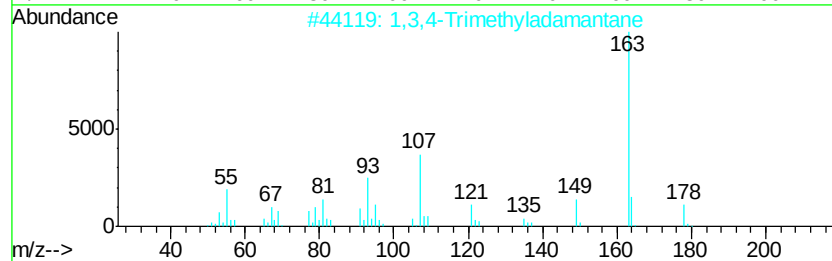
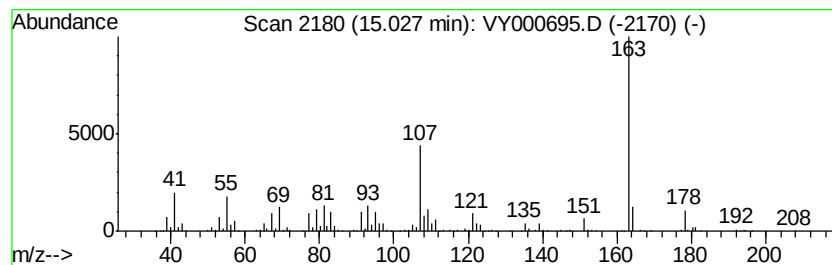
Instrument :
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ClientSampleId :
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Quant Title : SW846 8260

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

Peak Number 3 1,3,4-Trimethyladamantane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	39.90 ug/l	620742	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,3,4-Trimethyladamantane	178 C13H22	1000214-98-3	93
2	1,3,5-Trimethyladamantane	178 C13H22	000707-35-7	87
3	1,3-Dimethyl-5-ethyladamantane	192 C14H24	001687-35-0	64
4	1,2-Dimethyl-5-nitroadamantane	209 C12H19NO2	006588-68-7	59
5	l-Tyrophanamide	180 C9H12N2O2	1000131-25-3	58



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Misc : 5.44G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

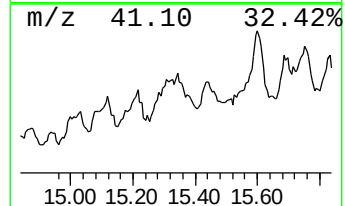
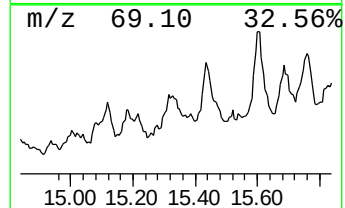
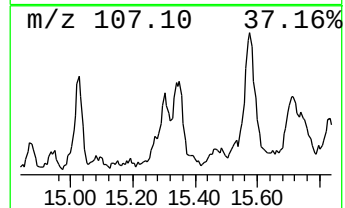
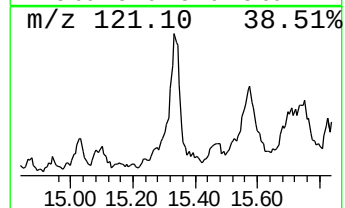
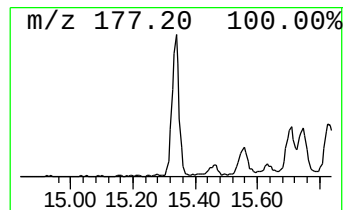
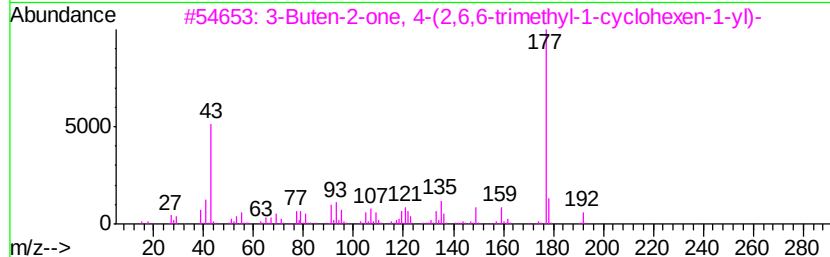
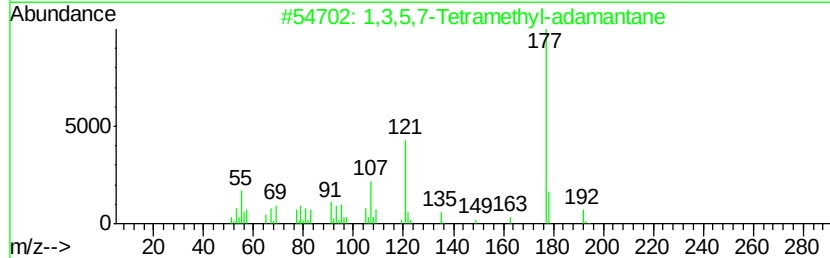
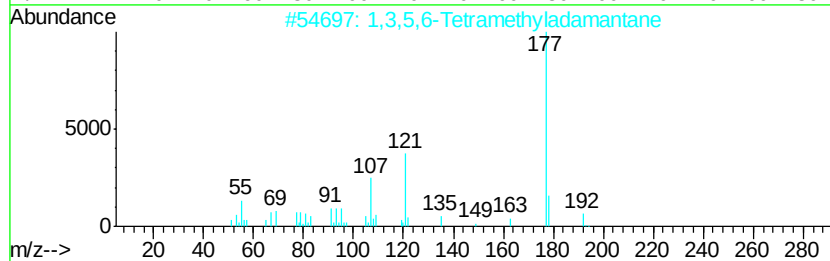
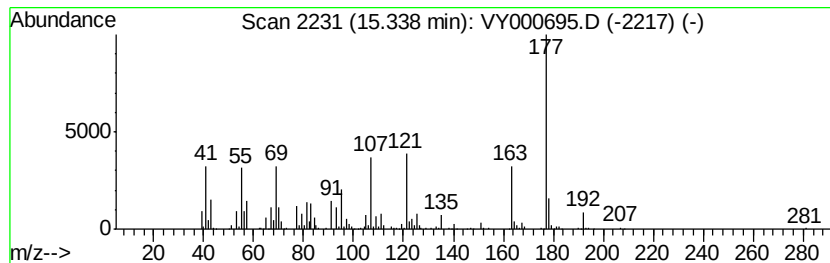
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 1,3,5,6-Tetramethyladamantane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.34	91.99 ug/l	1431140	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,6-Tetramethyladamantane	192	C14H24	034694-70-7	76
2	1,3,5,7-Tetramethyl-adamantane	192	C14H24	001687-36-1	70
3	3-Buten-2-one, 4-(2,6,6-trimethy...	192	C13H20O	014901-07-6	49
4	1,3-di-n-Propyladamantane	220	C16H28	040002-47-9	47
5	trans-.beta.-Ionone	192	C13H20O	000079-77-6	40



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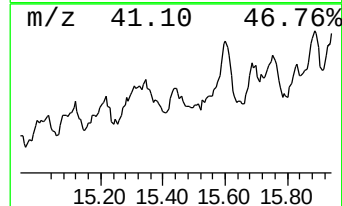
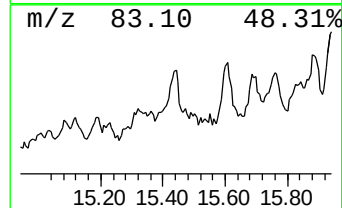
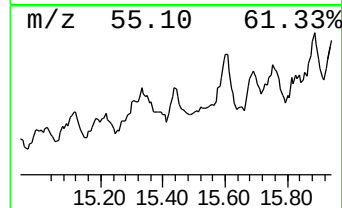
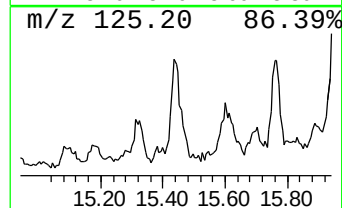
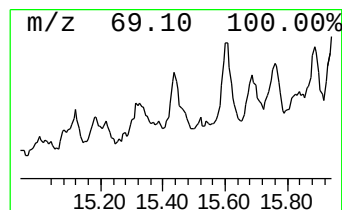
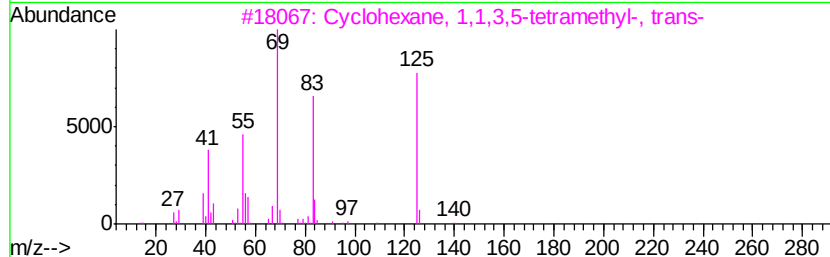
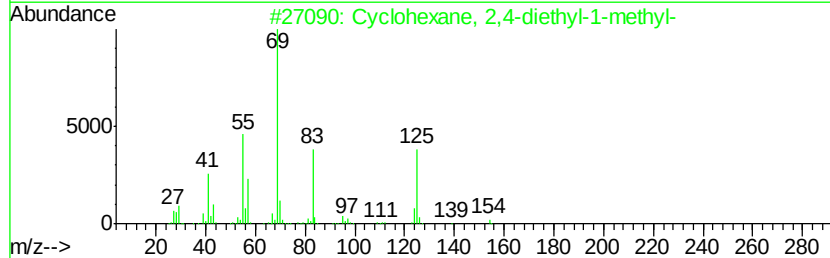
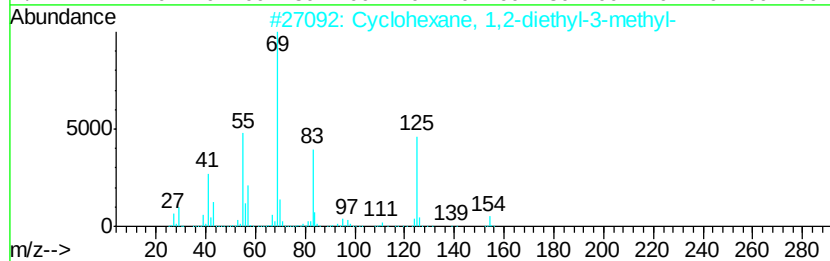
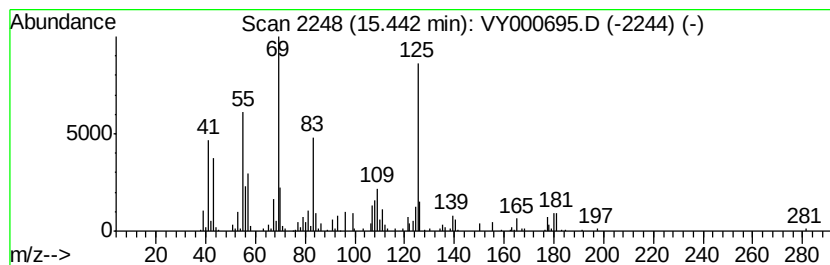
Instrument :
MSVOA_Y
ClientSampled :
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Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, 1,2-diethyl-3-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	13.64 ug/l	212169	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2-diethyl-3-methyl-	154 C11H22	061141-80-8 64
2		Cyclohexane, 2,4-diethyl-1-methyl-	154 C11H22	061142-70-9 59
3		Cyclohexane, 1,1,3,5-tetramethyl...	140 C10H20	050876-31-8 59
4		Cyclohexane, 1,1,3,5-tetramethyl...	140 C10H20	050876-32-9 59
5		Cyclooctane, 1-methyl-3-propyl-	168 C12H24	255885-37-1 59



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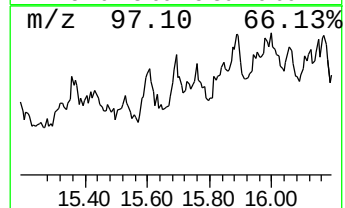
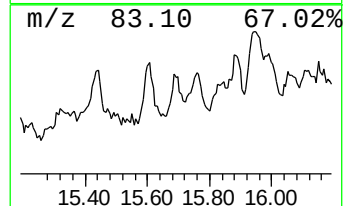
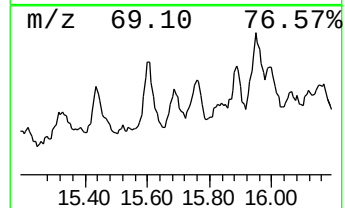
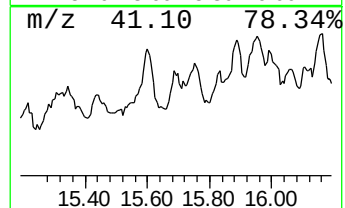
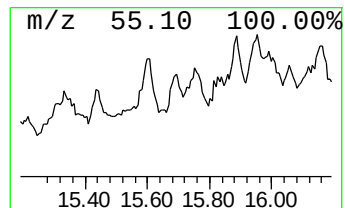
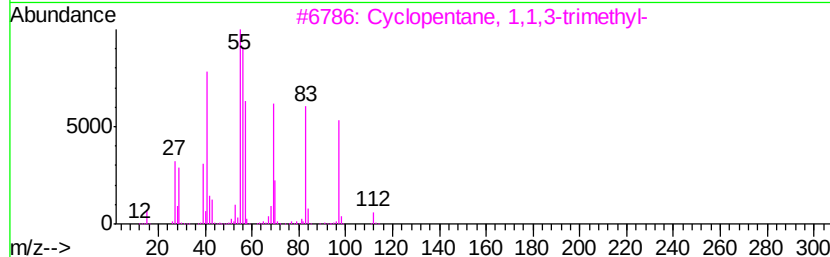
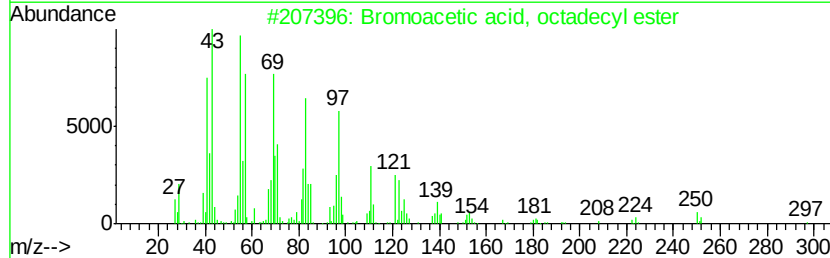
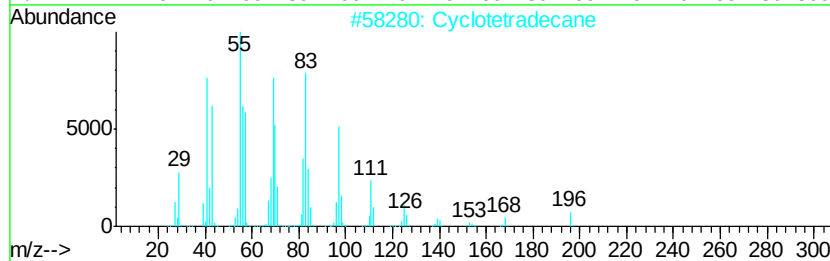
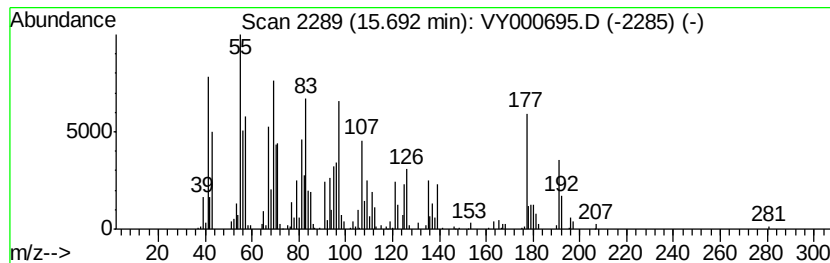
Instrument :
MSV0A_Y
ClientSampled :
EP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 7 unknown15.69 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.69	22.86 ug/l	355706	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	42
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	41
3	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	38
4	Cyclopentane, 1-butyl-2-pentyl-	196	C14H28	061142-52-7	38
5	3-Tetradecene, (E)-	196	C14H28	041446-68-8	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
Data File : VY000695.D
Acq On : 15 Nov 2019 13:00
Operator : SY/MD
Sample : K5861-03
Misc : 5.44G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

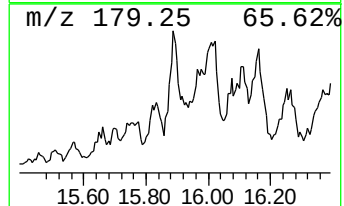
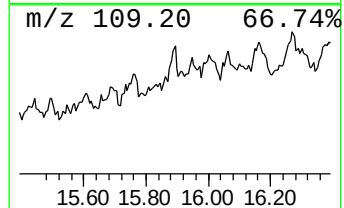
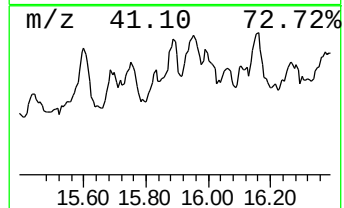
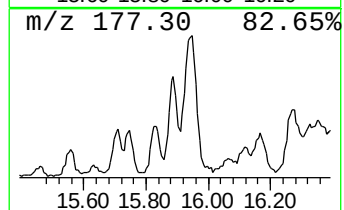
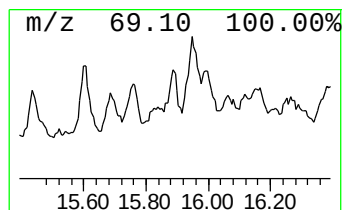
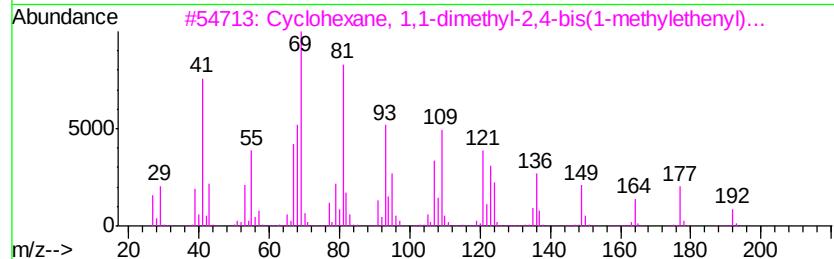
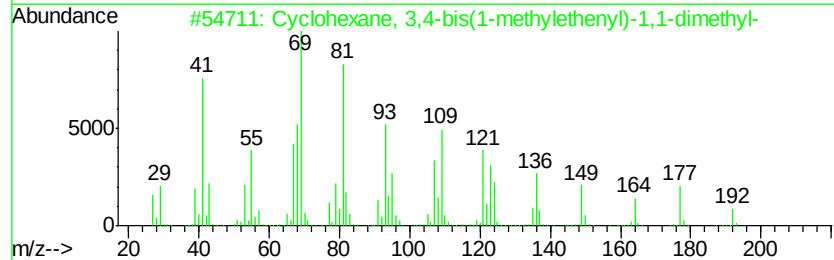
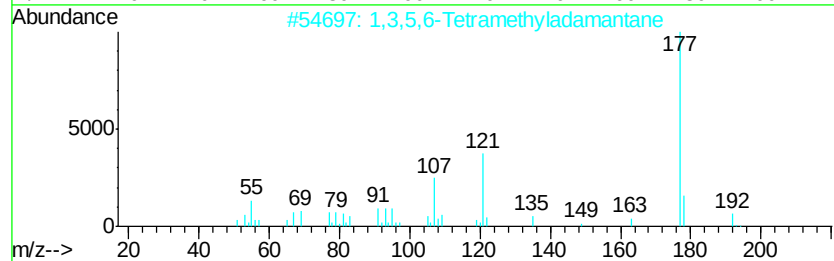
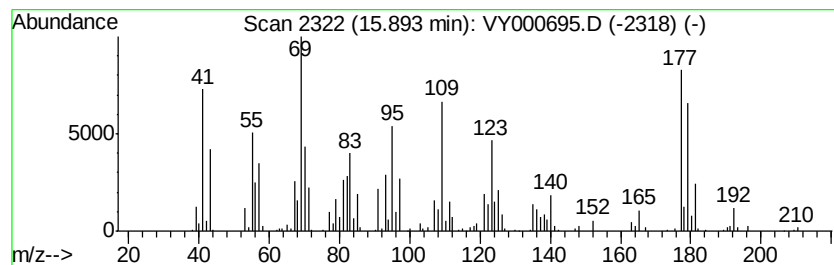
Instrument :
MSVOA_Y
ClientSampleId :
EP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 8 unknown15.89 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.89	21.89 ug/l	340602	1,4-Dichlorobenzene-d4	13.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,3,5,6-Tetramethyladamantane	192	C14H24	034694-70-7	38
2		Cyclohexane, 3,4-bis(1-methyleth...	192	C14H24	061142-74-3	38
3		Cyclohexane, 1,1-dimethyl-2,4-bi...	192	C14H24	062337-98-8	38
4		1,3,5,7-Tetramethyl-adamantane	192	C14H24	001687-36-1	30
5		Thieno[2,3-d]-1,3-thiaselenol-2-...	238	C5H2S3Se	081803-09-0	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
Data File : VY000695.D
Acq On : 15 Nov 2019 13:00
Operator : SY/MD
Sample : K5861-03
Misc : 5.44G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

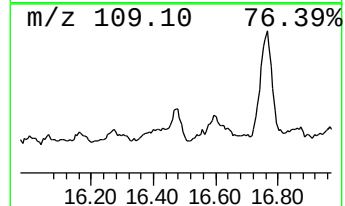
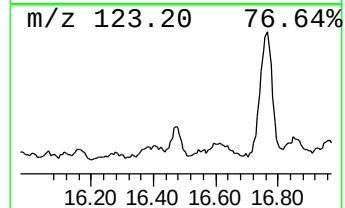
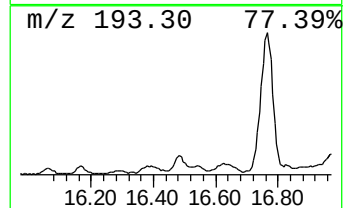
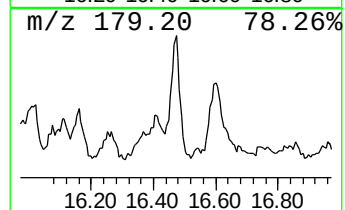
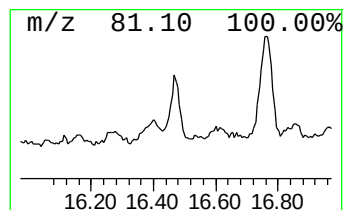
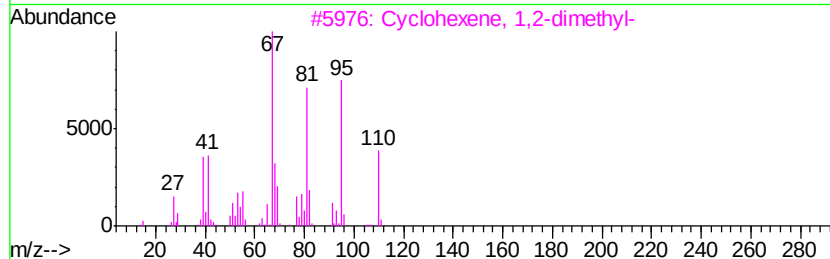
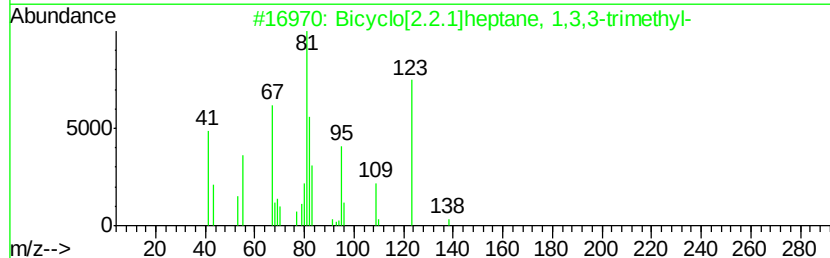
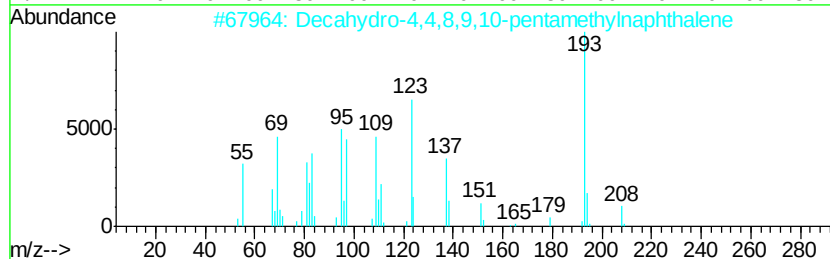
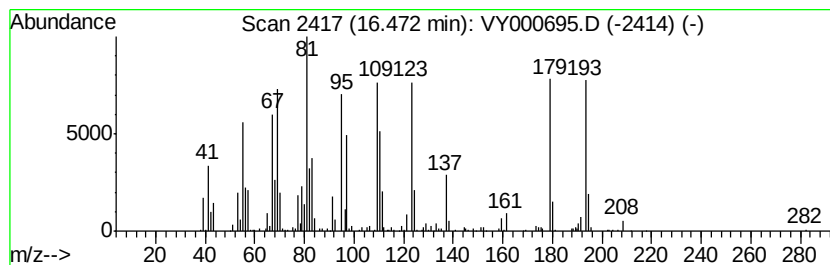
Instrument :
MSVOA_Y
ClientSampleId :
EP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown16.47 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.47	59.09 ug/l	919275	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3 45
2		Bicyclo[2.2.1]heptane, 1,3,3-tri...	138 C10H18	006248-88-0 22
3		Cyclohexene, 1,2-dimethyl-	110 C8H14	001674-10-8 15
4		3-Undecyne	152 C11H20	060212-30-8 14
5		1-Ethyl-5-methylcyclopentene	110 C8H14	097797-57-4 14



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
Data File : VY000695.D
Acq On : 15 Nov 2019 13:00
Operator : SY/MD
Sample : K5861-03
Misc : 5.44G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

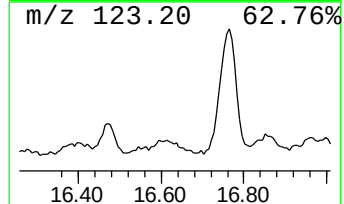
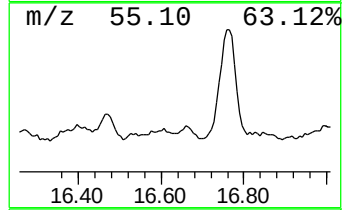
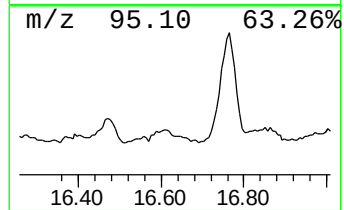
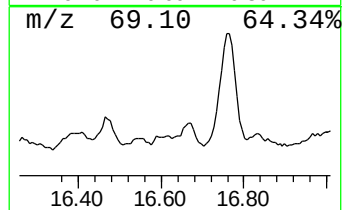
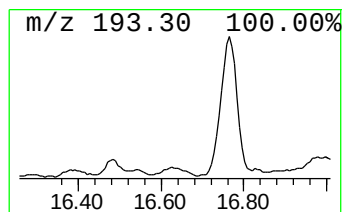
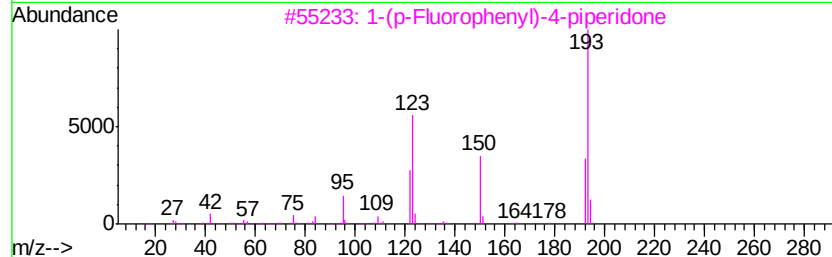
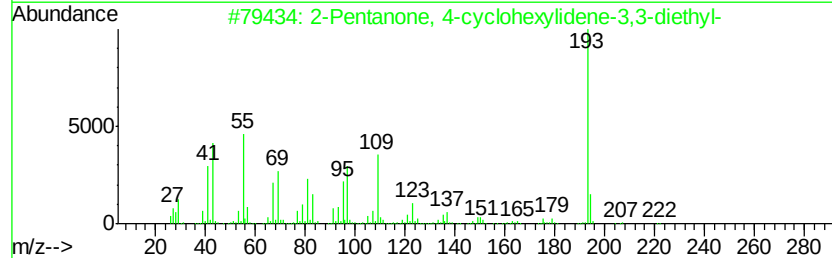
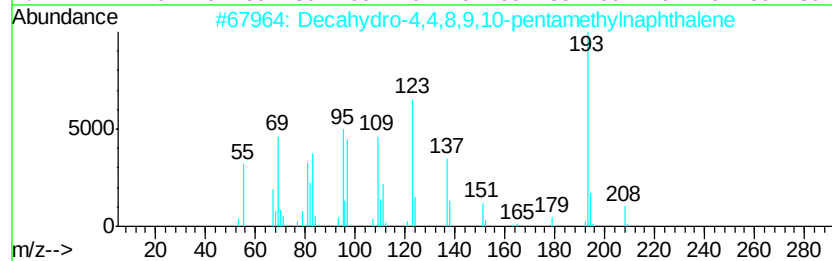
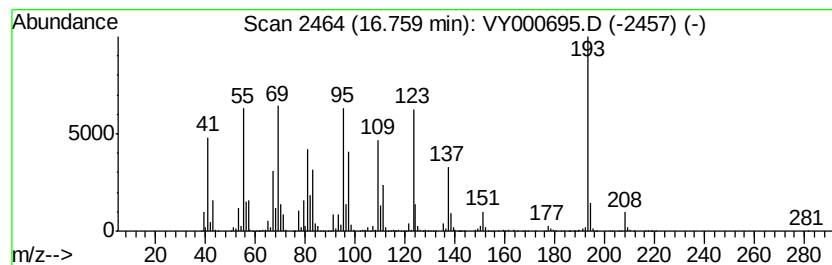
Instrument :
MSVOA_Y
ClientSampled :
EP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260

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

Peak Number 10 Decahydro-4,4,8,9,10-pentam... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.76	289.81 ug/l	4508700	1,4-Dichlorobenzene-d4	13.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	96
2		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	50
3		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	38
4		Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	25
5		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	000554-59-6	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY111519\
Data File : VY000695.D
Acq On : 15 Nov 2019 13:00
Operator : SY/MD
Sample : K5861-03
Misc : 5.44G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EP-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.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
1,3,5-Trimethylad...	14.45	16.3	ug/l	254184	4	13.42	777871	50.0
2-Methyladamantane	14.87	20.4	ug/l	317020	4	13.42	777871	50.0
1,3,4-Trimethylad...	15.03	39.9	ug/l	620742	4	13.42	777871	50.0
1,3,5,6-Tetrameth...	15.34	92.0	ug/l	1431140	4	13.42	777871	50.0
Cyclohexane, 1,2-...	15.44	13.6	ug/l	212169	4	13.42	777871	50.0
unknown15.69	15.69	22.9	ug/l	355706	4	13.42	777871	50.0
unknown15.89	15.89	21.9	ug/l	340602	4	13.42	777871	50.0
unknown16.47	16.47	59.1	ug/l	919275	4	13.42	777871	50.0
Decahydro-4,4,8,9...	16.76	289.8	ug/l	4508700	4	13.42	777871	50.0