

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123119\
 Data File : VD064689.D
 Acq On : 31 Dec 2019 12:24
 Operator : VA/SY
 Sample : K6450-03
 Misc : 7.60G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB448_191226-30-32

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_D\METHOD\82D122419S.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	1.950	3	5	13	rVB3	20868	27676	1.17%	0.165%
2	2.350	62	73	84	rBV	82000	148583	6.26%	0.884%
3	4.967	507	518	529	rBV3	17360	56817	2.40%	0.338%
4	7.720	978	986	992	rVB3	11986	28312	1.19%	0.169%
5	7.920	1009	1020	1025	rBV	331843	804303	33.91%	4.788%
6	7.985	1025	1031	1042	rVB	618368	1365659	57.58%	8.129%
7	8.332	1081	1090	1103	rBV	265336	601089	25.34%	3.578%
8	8.867	1171	1181	1196	rBV	867928	1741779	73.43%	10.368%
9	10.338	1423	1431	1448	rBV	1282026	2371915	100.00%	14.119%
10	10.867	1515	1521	1527	rBV5	15297	29146	1.23%	0.173%
11	10.955	1529	1536	1542	rVB	75215	126172	5.32%	0.751%
12	11.055	1548	1553	1562	rBV2	34579	74451	3.14%	0.443%
13	11.355	1598	1604	1608	rBV3	30851	53522	2.26%	0.319%
14	11.426	1608	1616	1626	rVB3	68047	159267	6.71%	0.948%
15	11.532	1626	1634	1645	rBV	56103	111814	4.71%	0.666%
16	11.649	1645	1654	1665	rBV	1075775	1899219	80.07%	11.305%
17	11.861	1680	1690	1700	rBV3	84380	174239	7.35%	1.037%
18	11.996	1708	1713	1716	rBV5	17842	36689	1.55%	0.218%
19	12.085	1722	1728	1732	rBV3	41241	75459	3.18%	0.449%
20	12.161	1732	1741	1746	rBV4	70592	170623	7.19%	1.016%
21	12.273	1751	1760	1766	rVB	213343	374268	15.78%	2.228%
22	12.355	1766	1774	1775	rBV2	79499	136694	5.76%	0.814%
23	12.385	1775	1779	1785	rVB2	126142	220355	9.29%	1.312%
24	12.473	1786	1794	1797	rBV6	35519	86229	3.64%	0.513%
25	12.526	1797	1803	1807	rVV4	77623	189703	8.00%	1.129%
26	12.561	1807	1809	1812	rVV3	49428	65579	2.76%	0.390%
27	12.637	1816	1822	1834	rVB	793528	1345794	56.74%	8.011%
28	12.732	1834	1838	1841	rBV5	16270	25271	1.07%	0.150%
29	12.796	1847	1849	1856	rVB6	21853	41682	1.76%	0.248%
30	12.879	1856	1863	1868	rBV7	31274	87119	3.67%	0.519%
31	12.961	1870	1877	1882	rBV6	88179	220294	9.29%	1.311%
32	13.102	1896	1901	1905	rBV5	48003	73536	3.10%	0.438%
33	13.155	1905	1910	1911	rBV5	32290	38502	1.62%	0.229%
34	13.190	1912	1916	1925	rVB2	122372	206416	8.70%	1.229%

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Instrument :
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Integration Parameters: RTEINT.P

Integrator: RTE
Smoothing : ON
Sampling : 1
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Stop Thrs : 0
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Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Title : SW846 8260

35	13.314	1935	1937	1942	rVB4	26796	35910	1.51%	0.214%
36	13.373	1943	1947	1950	rBV3	32710	50056	2.11%	0.298%
37	13.473	1956	1964	1968	rBV4	74643	160904	6.78%	0.958%
38	13.584	1976	1983	1992	rVB	863227	1480380	62.41%	8.812%
39	13.726	2003	2007	2011	rVB6	28595	42150	1.78%	0.251%
40	13.908	2032	2038	2042	rBV7	55042	108545	4.58%	0.646%
41	13.949	2042	2045	2049	rVV4	37997	61028	2.57%	0.363%
42	14.014	2052	2056	2061	rVB5	37688	67870	2.86%	0.404%
43	14.226	2088	2092	2097	rBV8	21297	34571	1.46%	0.206%
44	14.290	2097	2103	2112	rVV3	107956	224594	9.47%	1.337%
45	14.449	2120	2130	2137	rVB	239047	542627	22.88%	3.230%
46	14.555	2143	2148	2157	rVV	103197	212196	8.95%	1.263%
47	14.626	2157	2160	2169	rVB8	30372	62358	2.63%	0.371%
48	14.837	2192	2196	2201	rVB7	21872	34100	1.44%	0.203%
49	15.043	2227	2231	2237	rVB2	90152	154213	6.50%	0.918%
50	15.114	2237	2243	2248	rBV3	47861	80905	3.41%	0.482%
51	15.173	2248	2253	2266	rBV3	44536	148934	6.28%	0.887%
52	15.461	2296	2302	2305	rBV2	49673	104702	4.41%	0.623%
53	15.920	2377	2380	2385	rBV6	15020	25080	1.06%	0.149%

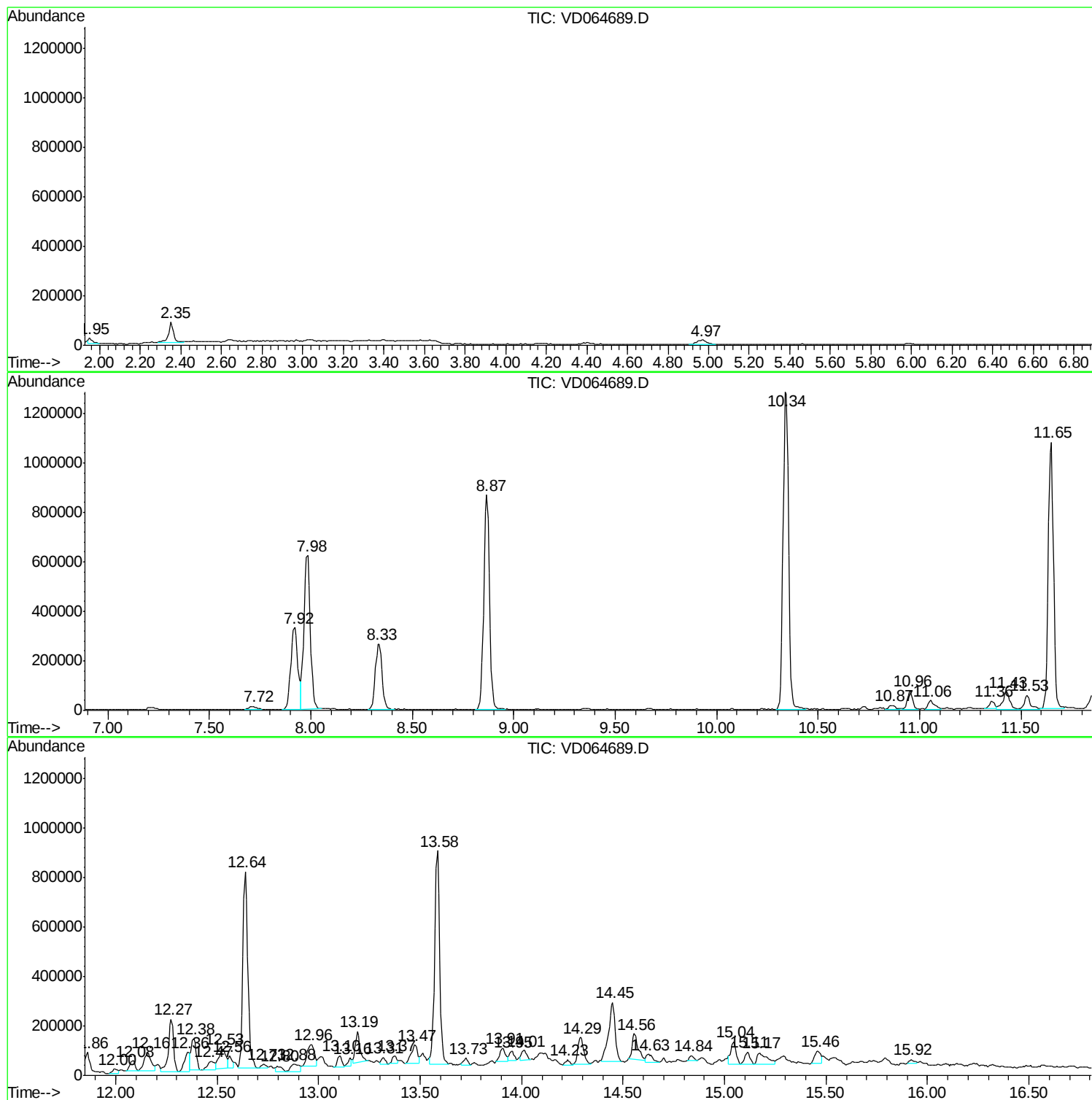
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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



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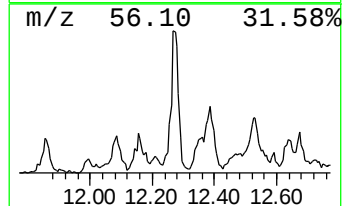
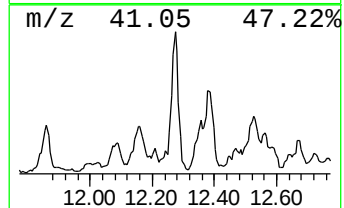
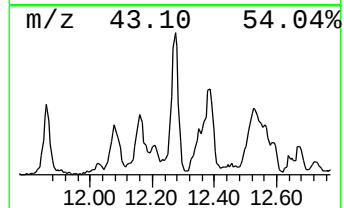
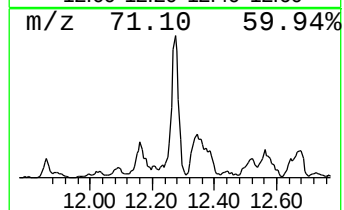
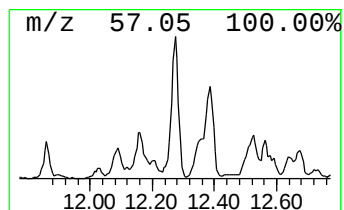
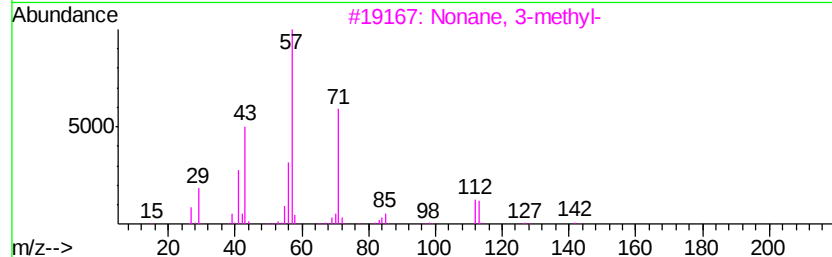
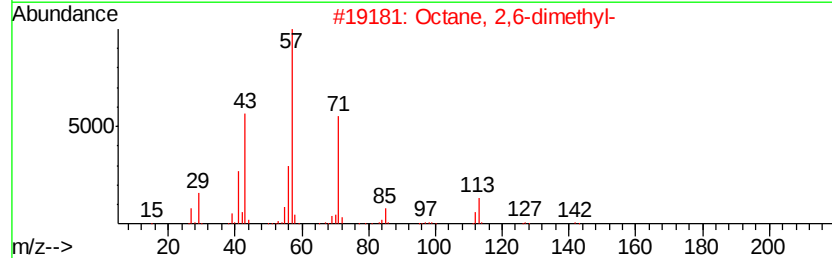
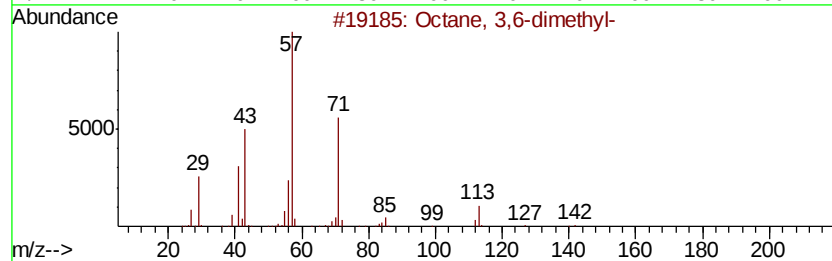
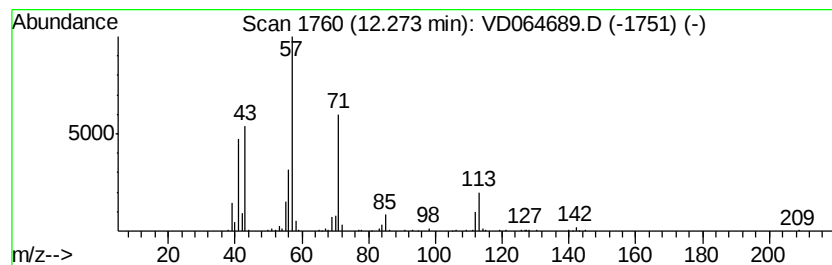
Instrument :
MSVOA_D
ClientSampleId :
WP022SB448_191226-30-32

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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

Peak Number 1 Octane, 3,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.27	9.85 ug/l	374268	Chlorobenzene-d5		11.65	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-		142	C10H22	015869-94-0	91
2	Octane, 2,6-dimethyl-		142	C10H22	002051-30-1	90
3	Nonane, 3-methyl-		142	C10H22	005911-04-6	83
4	Dodecane, 3-methyl-		184	C13H28	017312-57-1	50
5	Butane, 2,2-dimethyl-		86	C6H14	000075-83-2	47



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ALS Vial : 7 Sample Multiplier: 1

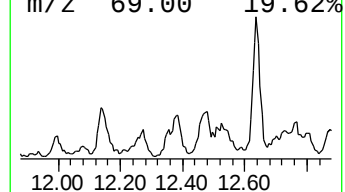
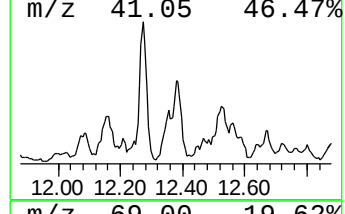
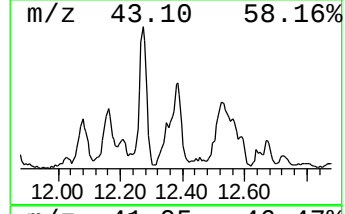
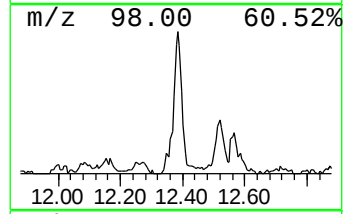
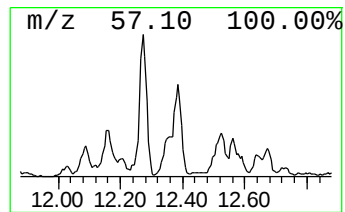
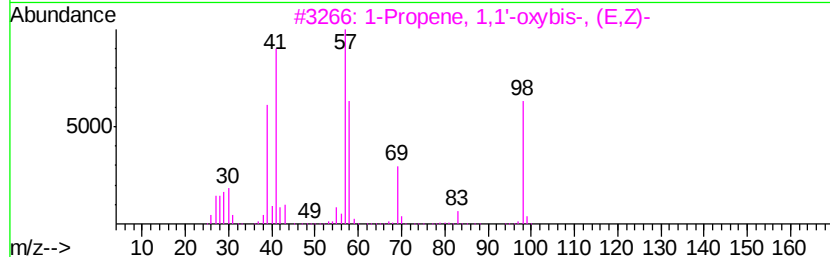
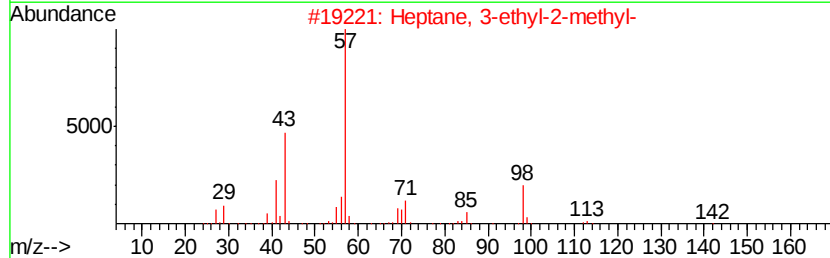
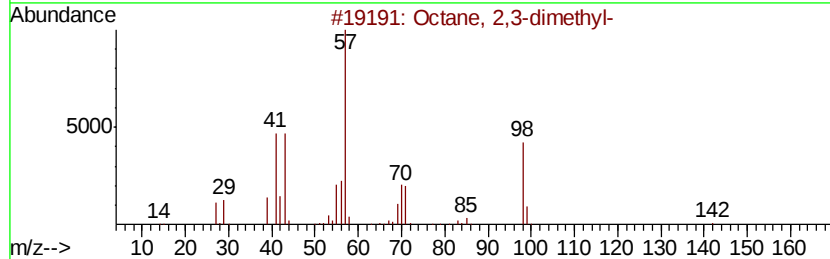
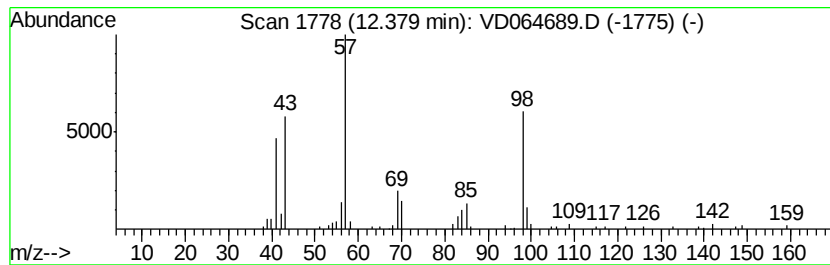
Instrument :
MSVOA_D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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

Peak Number 2 Octane, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.38	5.80 ug/l	220355	Chlorobenzene-d5	11.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	59
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	45
3		1-Propene, 1,1'-oxybis-, (E,Z)-	98	C6H10O	004696-29-1	43
4		1-Ethoxy-2,2,3,3,-tetramethylazi...	143	C8H17NO	037873-27-1	43
5		3H-Pyrazol-3-one, 2,4-dihydro-5-...	98	C4H6N2O	000108-26-9	40



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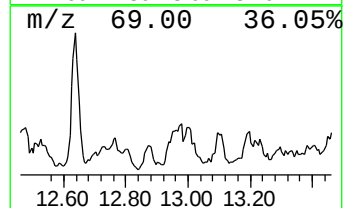
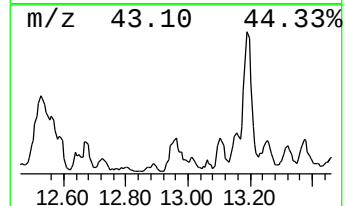
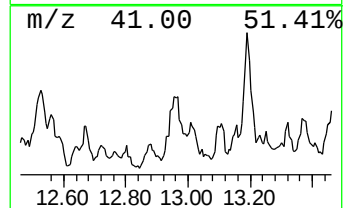
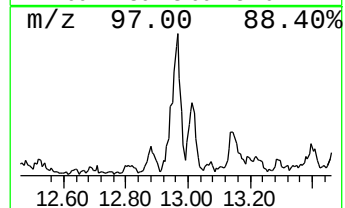
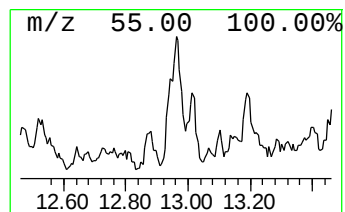
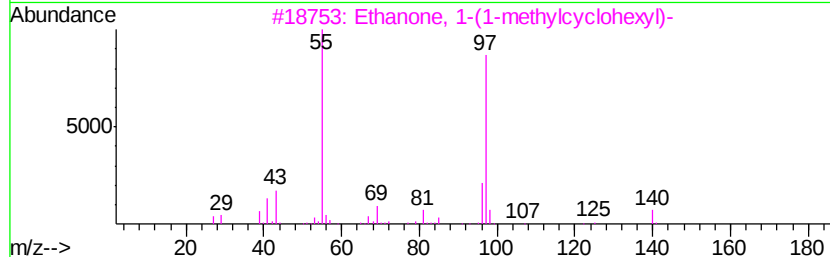
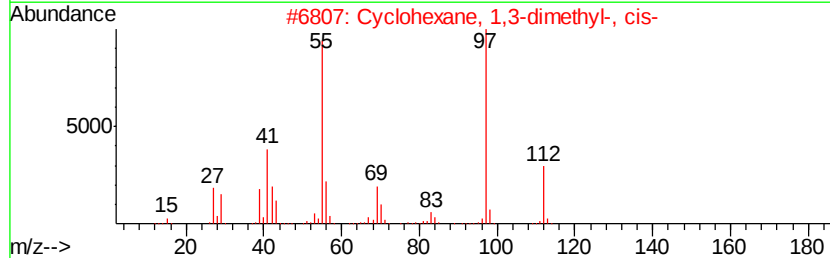
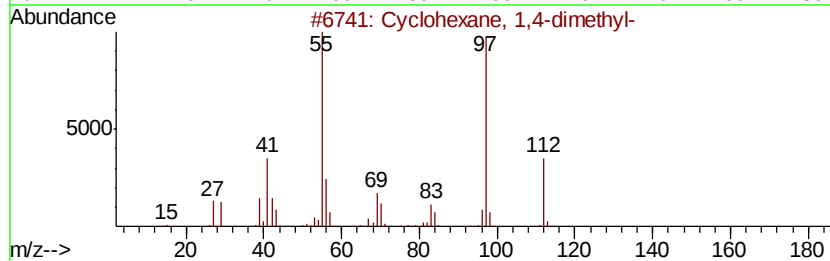
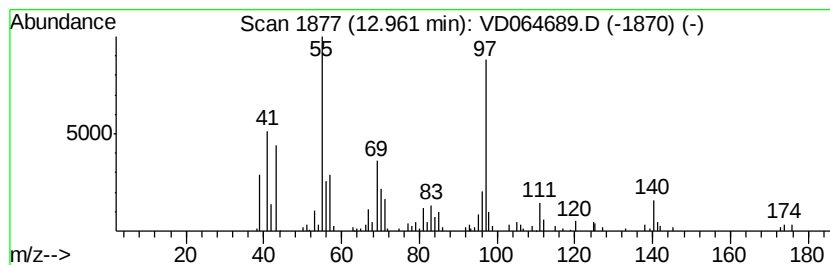
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Quant Title : SW846 8260

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

Peak Number 3 Cyclohexane, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	7.44 ug/l	220294	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	58
2		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	58
3		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	53
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	53
5		Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	50



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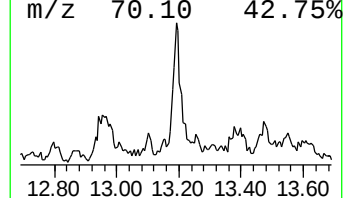
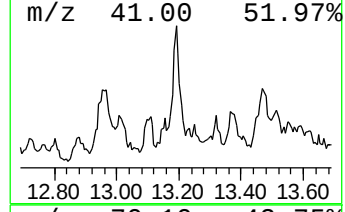
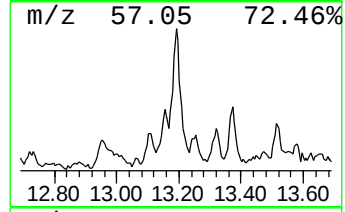
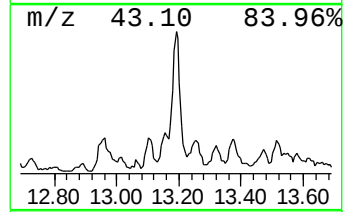
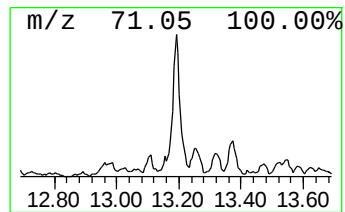
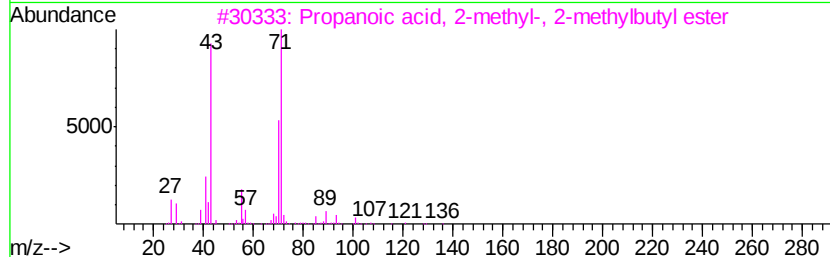
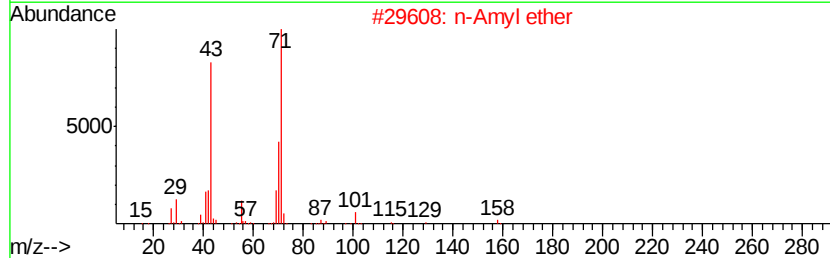
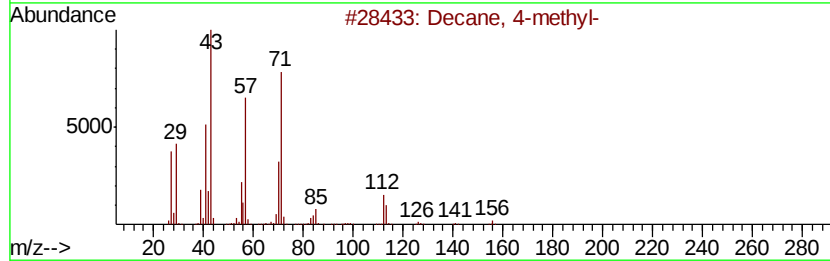
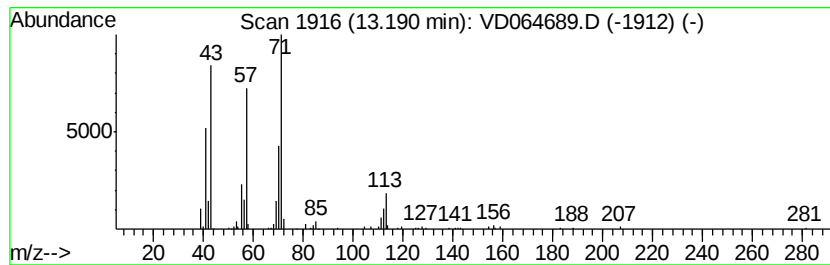
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.19	6.97 ug/l	206416	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 4-methyl-	156 C11H24	002847-72-5	64
2	n-Amyl ether	158 C10H22O	000693-65-2	64
3	Propanoic acid, 2-methyl-, 2-met...	158 C9H18O2	002445-69-4	59
4	1-Decene, 4-methyl-	154 C11H22	013151-29-6	52
5	Sulfurous acid, nonyl 2-pentyl e...	278 C14H30O3S	1000309-15-8	50



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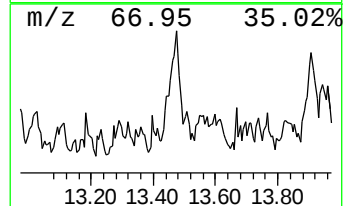
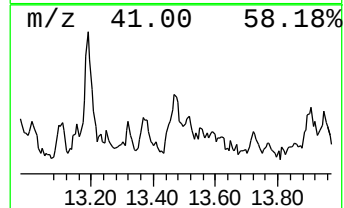
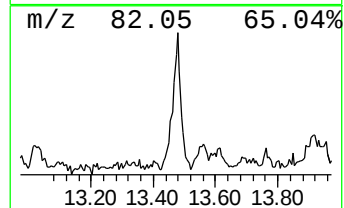
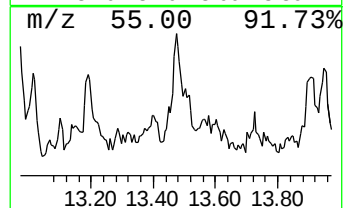
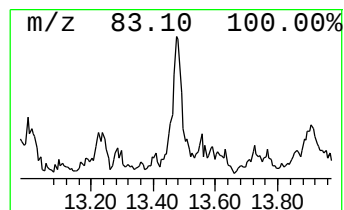
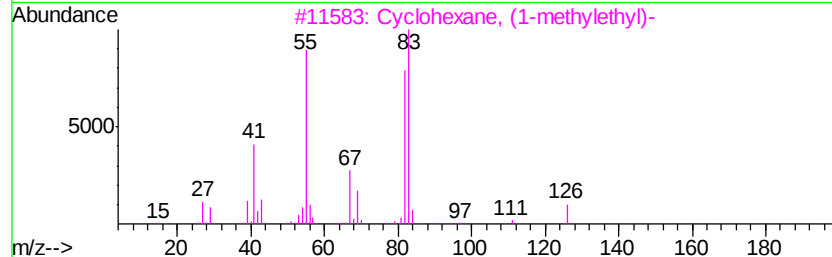
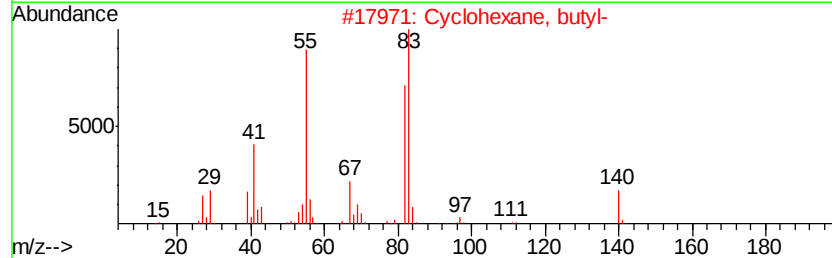
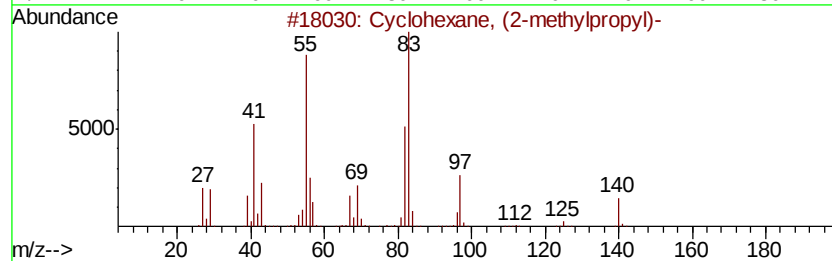
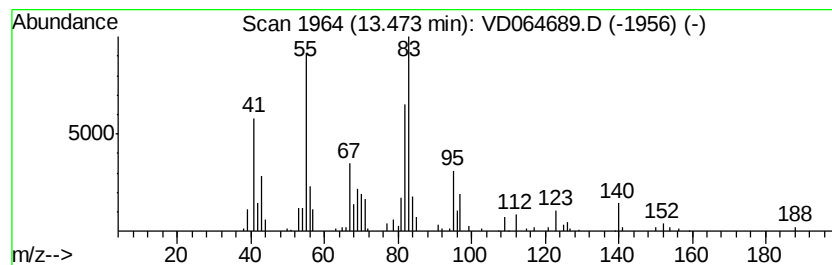
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ClientSampleId :
WP022SB448_191226-30-32

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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

Peak Number 5 Cyclohexane, (2-methylpropyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	5.43 ug/l	160904	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, (2-methylpropyl)-	140 C10H20	001678-98-4 64
2		Cyclohexane, butyl-	140 C10H20	001678-93-9 49
3		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 49
4		Cyclohexane, ethyl-	112 C8H16	001678-91-7 43
5		Cyclodecane	140 C10H20	000293-96-9 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD123119\
Data File : VD064689.D
Acq On : 31 Dec 2019 12:24
Operator : VA/SY
Sample : K6450-03
Misc : 7.60G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

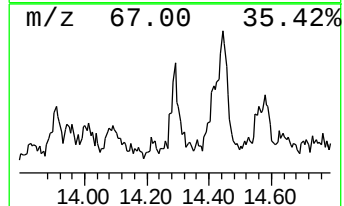
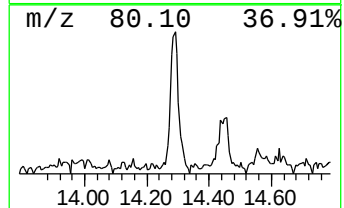
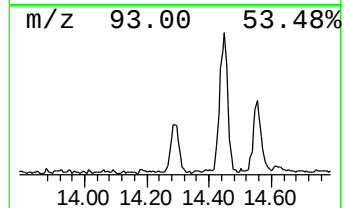
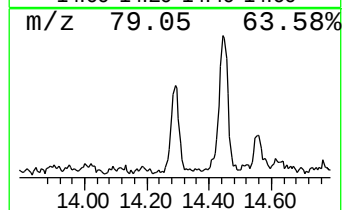
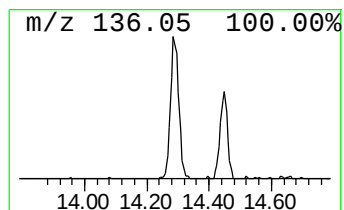
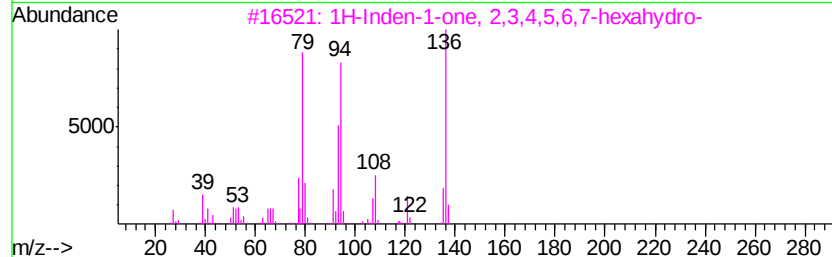
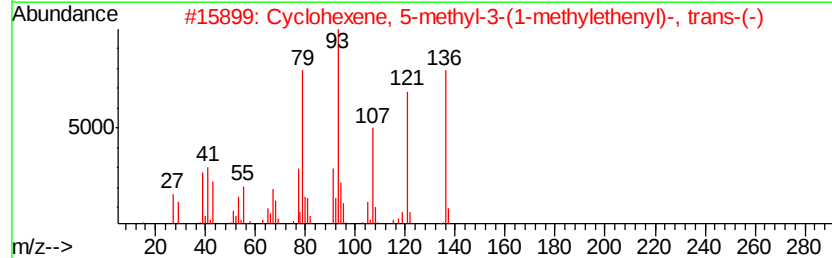
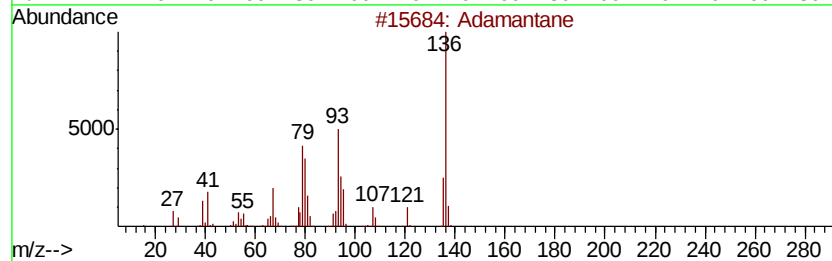
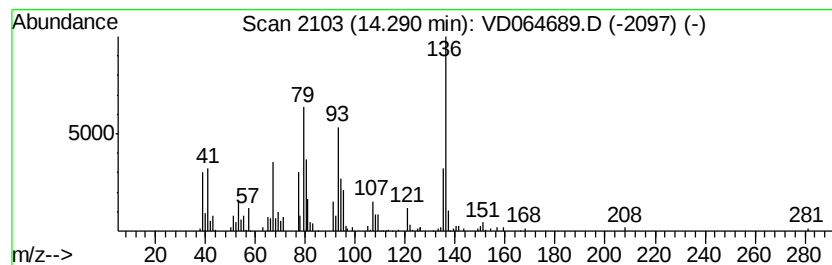
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ClientSampleId :
WP022SB448_191226-30-32

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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

Peak Number 6 Adamantane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	7.59 ug/l	224594	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane		136 C10H16	000281-23-2 97
2	Cyclohexene, 5-methyl-3-(1-methy...		136 C10H16	056816-08-1 76
3	1H-Inden-1-one, 2,3,4,5,6,7-hexa...		136 C9H12O	022118-00-9 64
4	Bicyclo[3.3.1]non-6-en-2-one		136 C9H12O	022482-58-2 64
5	.gamma.-Terpinene		136 C10H16	000099-85-4 50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD123119\
Data File : VD064689.D
Acq On : 31 Dec 2019 12:24
Operator : VA/SY
Sample : K6450-03
Misc : 7.60G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP022SB448_191226-30-32

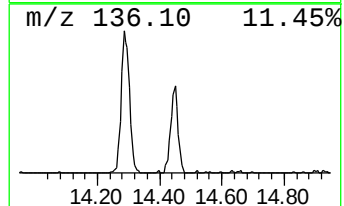
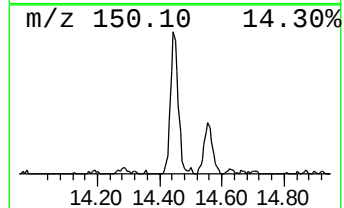
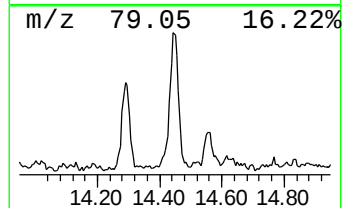
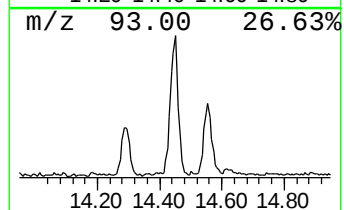
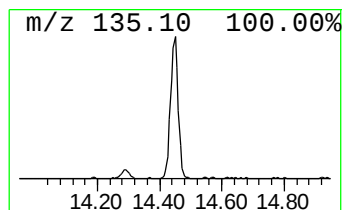
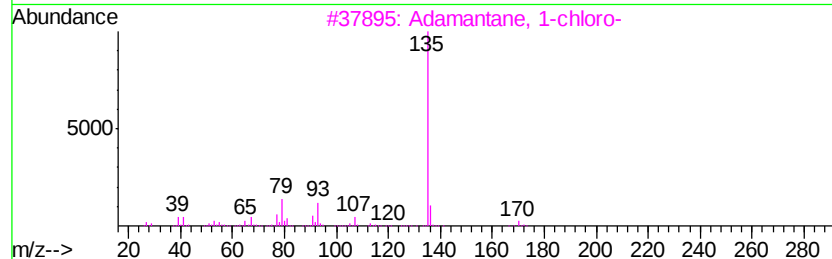
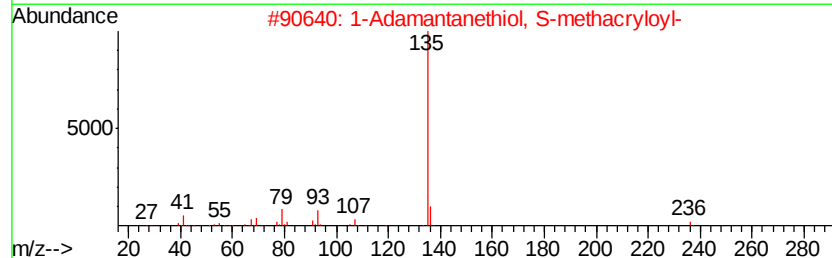
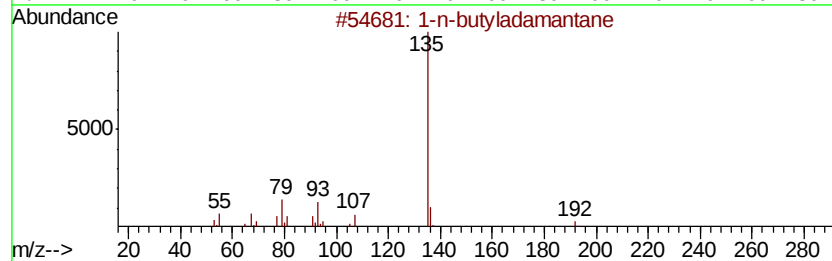
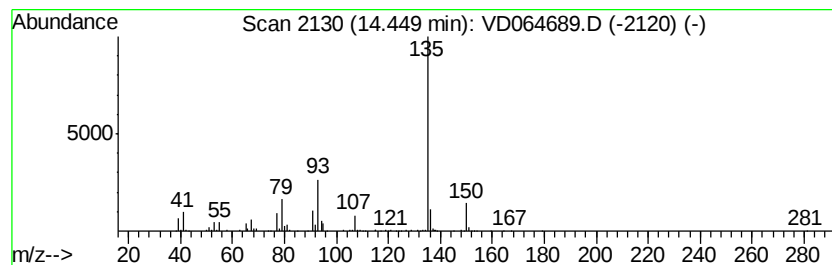
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Quant Title : SW846 8260

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

Peak Number 7 1-n-butyladamantane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	18.33 ug/l	542627	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-n-butyladamantane	192	C14H24	014449-41-3	72
2		1-Adamantanethiol, S-methacryloyl-	236	C14H20OS	1000358-48-9	64
3		Adamantane, 1-chloro-	170	C10H15Cl	000935-56-8	64
4		Heptafluorobutanoic acid, 1-adam...	362	C15H17F7O2	1000282-96-9	59
5		Hexestrol	270	C18H22O2	000084-16-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD123119\
Data File : VD064689.D
Acq On : 31 Dec 2019 12:24
Operator : VA/SY
Sample : K6450-03
Misc : 7.60G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

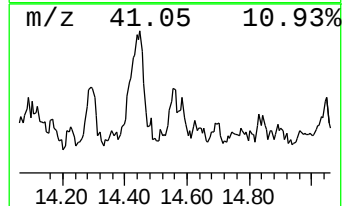
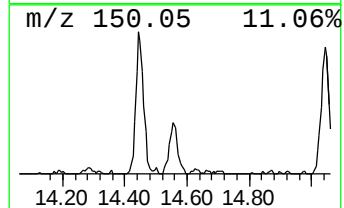
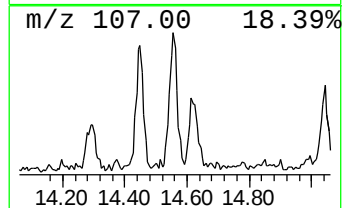
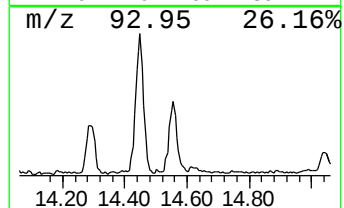
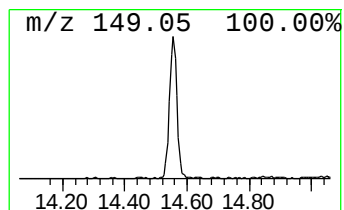
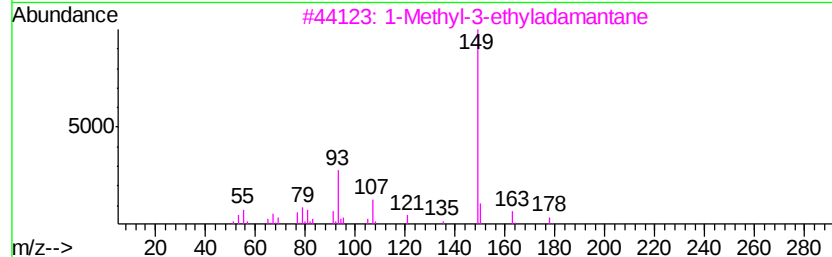
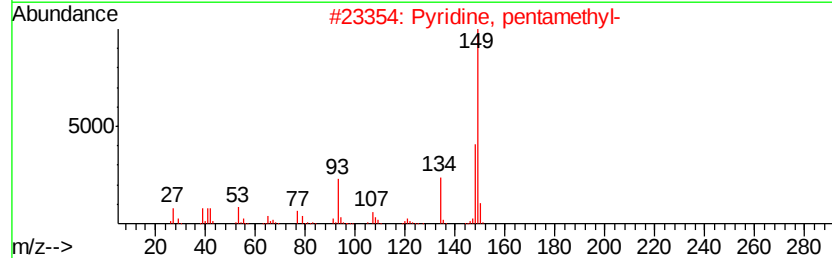
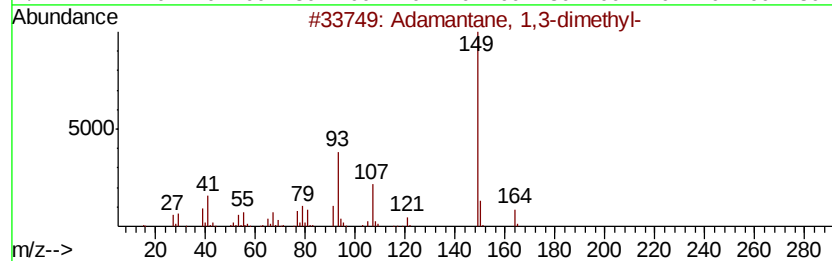
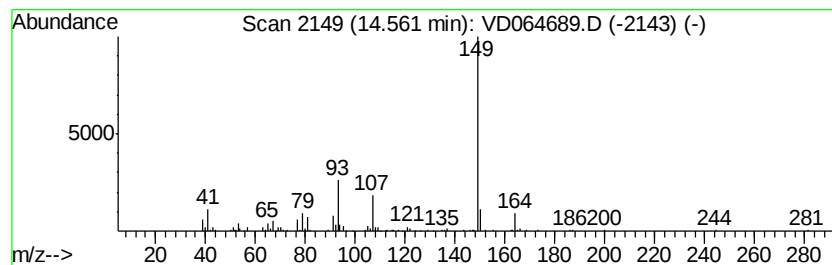
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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

Peak Number 8 Adamantane, 1,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	7.17 ug/l	212196	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Adamantane, 1,3-dimethyl-	164 C12H20	000702-79-4	80
2	Pyridine, pentamethyl-	149 C10H15N	003748-83-2	72
3	1-Methyl-3-ethyladamantane	178 C13H22	001687-34-9	56
4	Adamantane, 1-isothiocyanato-3-m...	207 C12H17NS	136860-48-5	47
5	1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164 C12H20	1000150-39-4	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD123119\
Data File : VD064689.D
Acq On : 31 Dec 2019 12:24
Operator : VA/SY
Sample : K6450-03
Misc : 7.60G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

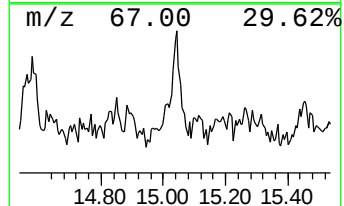
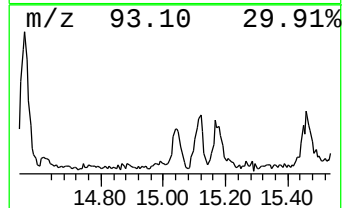
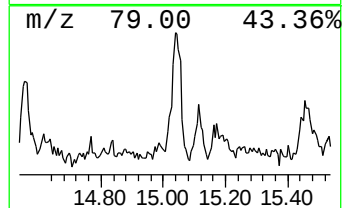
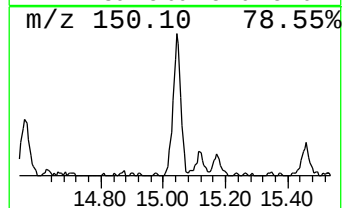
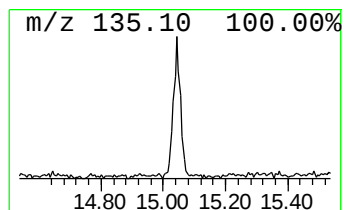
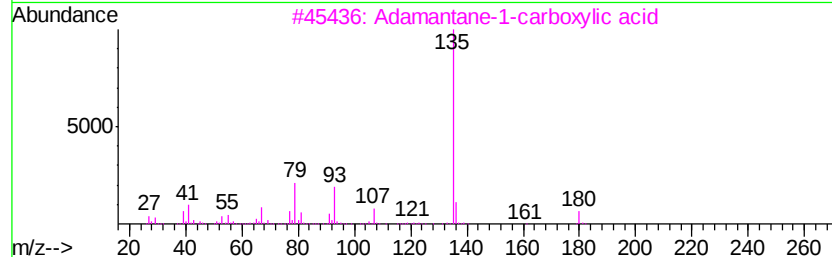
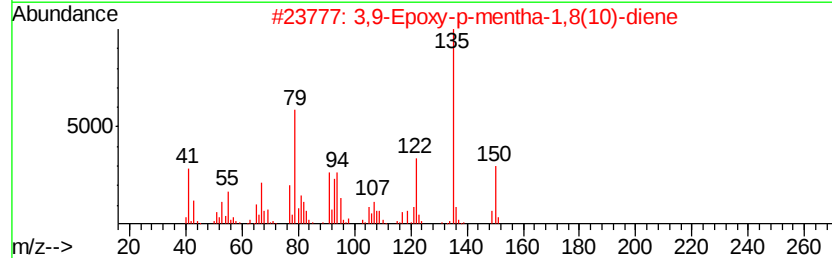
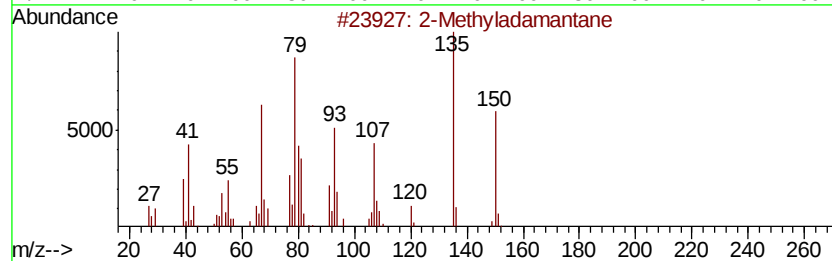
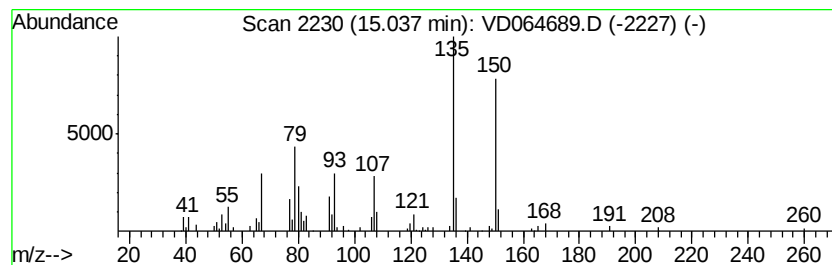
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ClientSampleId :
WP022SB448_191226-30-32

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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

Peak Number 9 2-Methyladamantane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.04	5.21 ug/l	154213	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Methyladamantane	150 C11H18	000700-56-1	91
2	3,9-Epoxy-p-mentha-1,8(10)-diene	150 C10H14O	1000111-14-8	81
3	Adamantane-1-carboxylic acid	180 C11H16O2	000828-51-3	58
4	Ethanone, 1-(2-hydroxy-5-methylp...	150 C9H10O2	001450-72-2	58
5	Ethyltetramethylcyclopentadiene	150 C11H18	057693-77-3	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD123119\
Data File : VD064689.D
Acq On : 31 Dec 2019 12:24
Operator : VA/SY
Sample : K6450-03
Misc : 7.60G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP022SB448_191226-30-32

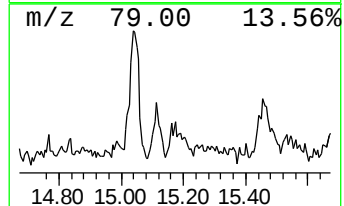
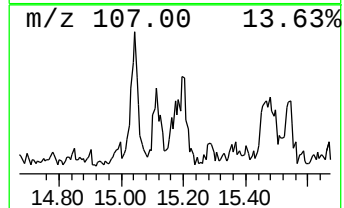
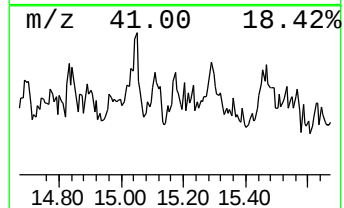
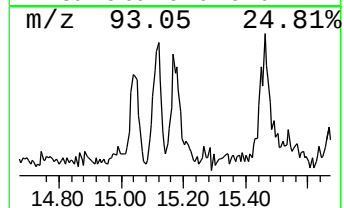
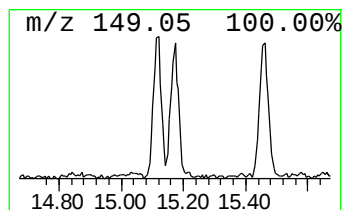
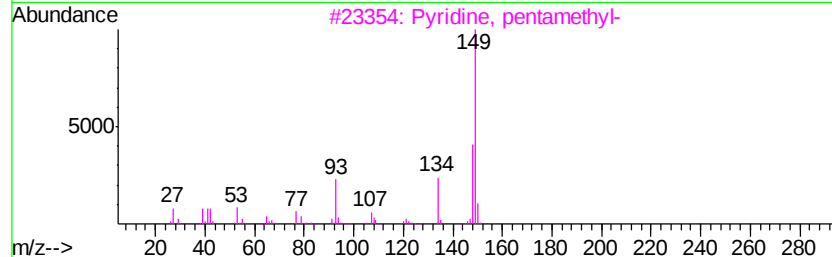
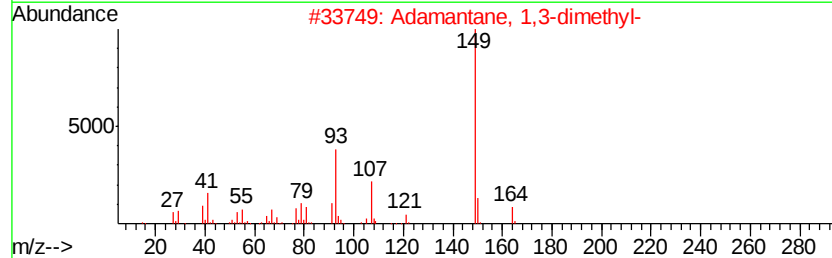
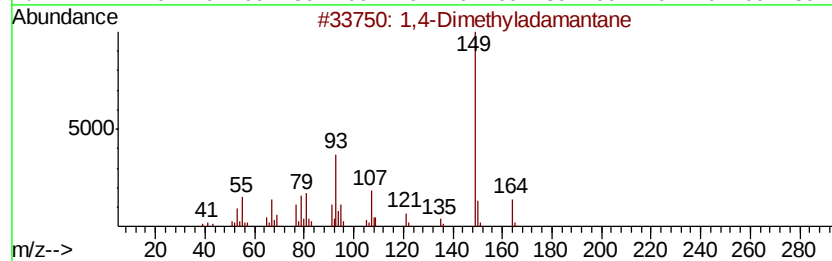
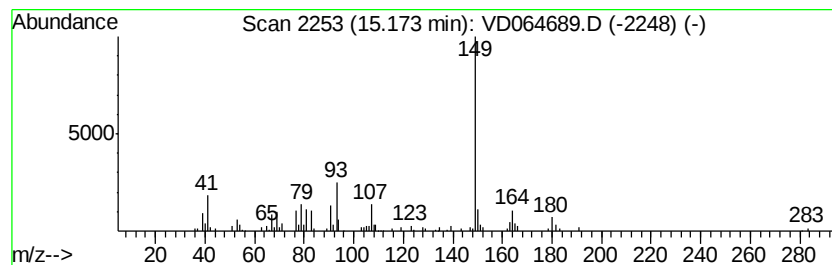
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Quant Title : SW846 8260

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

Peak Number 10 1,4-Dimethyladamantane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	5.03 ug/l	148934	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dimethyladamantane	164	C12H20	024145-89-9	90
2		Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	80
3		Pvridine, pentamethyl-	149	C10H15N	003748-83-2	72
4		Tricyclo[4.3.1.1(3,8)]undecane-3...	208	C13H20O2	031061-61-7	64
5		2-(3-Methylbuta-1,3-dienyl)cyclo...	164	C11H16O	1000191-75-5	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD123119\
Data File : VD064689.D
Acq On : 31 Dec 2019 12:24
Operator : VA/SY
Sample : K6450-03
Misc : 7.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP022SB448_191226-30-32

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.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
Octane, 3,6-dimet...	12.27	9.8	ug/l	374268	3	11.65	1899220	50.0
Octane, 2,3-dimet...	12.38	5.8	ug/l	220355	3	11.65	1899220	50.0
Cyclohexane, 1,4-...	12.96	7.4	ug/l	220294	4	13.58	1480380	50.0
Decane, 4-methyl-	13.19	7.0	ug/l	206416	4	13.58	1480380	50.0
Cyclohexane, (2-m...	13.47	5.4	ug/l	160904	4	13.58	1480380	50.0
Adamantane	14.29	7.6	ug/l	224594	4	13.58	1480380	50.0
1-n-butyladamantane	14.45	18.3	ug/l	542627	4	13.58	1480380	50.0
Adamantane, 1,3-d...	14.56	7.2	ug/l	212196	4	13.58	1480380	50.0
2-Methyladamantane	15.04	5.2	ug/l	154213	4	13.58	1480380	50.0
1,4-Dimethyladama...	15.17	5.0	ug/l	148934	4	13.58	1480380	50.0