

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064608.D
 Acq On : 26 Dec 2019 19:27
 Operator : VA/SY
 Sample : K6437-07
 Misc : 6.96G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-5-(5-6)

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	4.156	375	380	392	rBV2	9547	26810	1.00%	0.138%
2	7.920	1010	1020	1025	rBV2	43343	102411	3.84%	0.526%
3	7.985	1025	1031	1039	rVB2	66341	148361	5.56%	0.762%
4	8.332	1080	1090	1101	rBV4	40254	95876	3.59%	0.493%
5	8.867	1174	1181	1192	rVB2	100767	193971	7.26%	0.997%
6	10.338	1424	1431	1441	rBV	139529	262224	9.82%	1.347%
7	11.244	1579	1585	1591	rBV4	16747	29136	1.09%	0.150%
8	11.644	1644	1653	1662	rBV	135437	257212	9.63%	1.321%
9	11.891	1690	1695	1700	rBV4	17973	34665	1.30%	0.178%
10	12.155	1732	1740	1746	rBV4	58107	134024	5.02%	0.689%
11	12.273	1752	1760	1765	rVB2	53698	114733	4.30%	0.589%
12	12.350	1765	1773	1775	rBV4	40446	87586	3.28%	0.450%
13	12.385	1775	1779	1784	rVV2	66152	124444	4.66%	0.639%
14	12.473	1784	1794	1796	rVV2	33107	92552	3.47%	0.475%
15	12.520	1796	1802	1810	rVB6	48935	152741	5.72%	0.785%
16	12.638	1815	1822	1827	rBV3	141270	235561	8.82%	1.210%
17	12.720	1827	1836	1841	rBV7	48560	131697	4.93%	0.677%
18	12.802	1845	1850	1856	rVB4	87559	177083	6.63%	0.910%
19	12.885	1856	1864	1871	rBV7	53551	165080	6.18%	0.848%
20	12.967	1871	1878	1881	rBV3	86805	174367	6.53%	0.896%
21	13.102	1896	1901	1905	rBV3	108027	166498	6.23%	0.855%
22	13.155	1905	1910	1912	rVV4	95369	148645	5.57%	0.764%
23	13.191	1912	1916	1922	rVV2	189154	320005	11.98%	1.644%
24	13.249	1923	1926	1933	rVB3	79111	129671	4.86%	0.666%
25	13.320	1933	1938	1942	rBV2	173797	277579	10.39%	1.426%
26	13.373	1942	1947	1950	rBV3	68423	106926	4.00%	0.549%
27	13.467	1955	1963	1967	rBV6	165750	357866	13.40%	1.839%
28	13.508	1967	1970	1976	rVB6	96811	153906	5.76%	0.791%
29	13.579	1976	1982	1986	rBV2	123546	244615	9.16%	1.257%
30	13.720	2002	2006	2010	rBV5	80088	146572	5.49%	0.753%
31	13.849	2022	2028	2029	rBV4	83322	139803	5.24%	0.718%
32	13.908	2032	2038	2041	rVV5	286548	543222	20.34%	2.791%
33	13.949	2042	2045	2051	rVB4	150995	240791	9.02%	1.237%
34	14.008	2051	2055	2059	rBV5	170028	313317	11.73%	1.610%

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GP-5-(5-6)

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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Peak separation: 5

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35	14.226	2088	2092	2097	rVB3	199380	259200	9.71%	1.332%
36	14.296	2097	2104	2109	rBV3	425151	805359	30.16%	4.138%
37	14.349	2109	2113	2118	rBV3	245193	365393	13.68%	1.877%
38	14.414	2118	2124	2130	rBV4	580724	1076694	40.32%	5.532%
39	14.496	2134	2138	2141	rBV3	132147	208377	7.80%	1.071%
40	14.579	2146	2152	2157	rBV6	359082	832145	31.16%	4.275%
41	14.779	2182	2186	2190	rVB4	240432	369757	13.85%	1.900%
42	14.838	2191	2196	2199	rBV2	602265	1080192	40.45%	5.550%
43	14.879	2199	2203	2210	rVV2	1173264	2422126	90.70%	12.444%
44	14.938	2210	2213	2221	rVB6	341623	821145	30.75%	4.219%
45	15.167	2248	2252	2255	rBV4	315578	516274	19.33%	2.652%
46	15.379	2283	2288	2295	rBV2	1503194	2670409	100.00%	13.719%
47	15.449	2295	2300	2305	rVB5	396408	780243	29.22%	4.009%
48	16.361	2450	2455	2463	rVB	630657	1227196	45.96%	6.305%

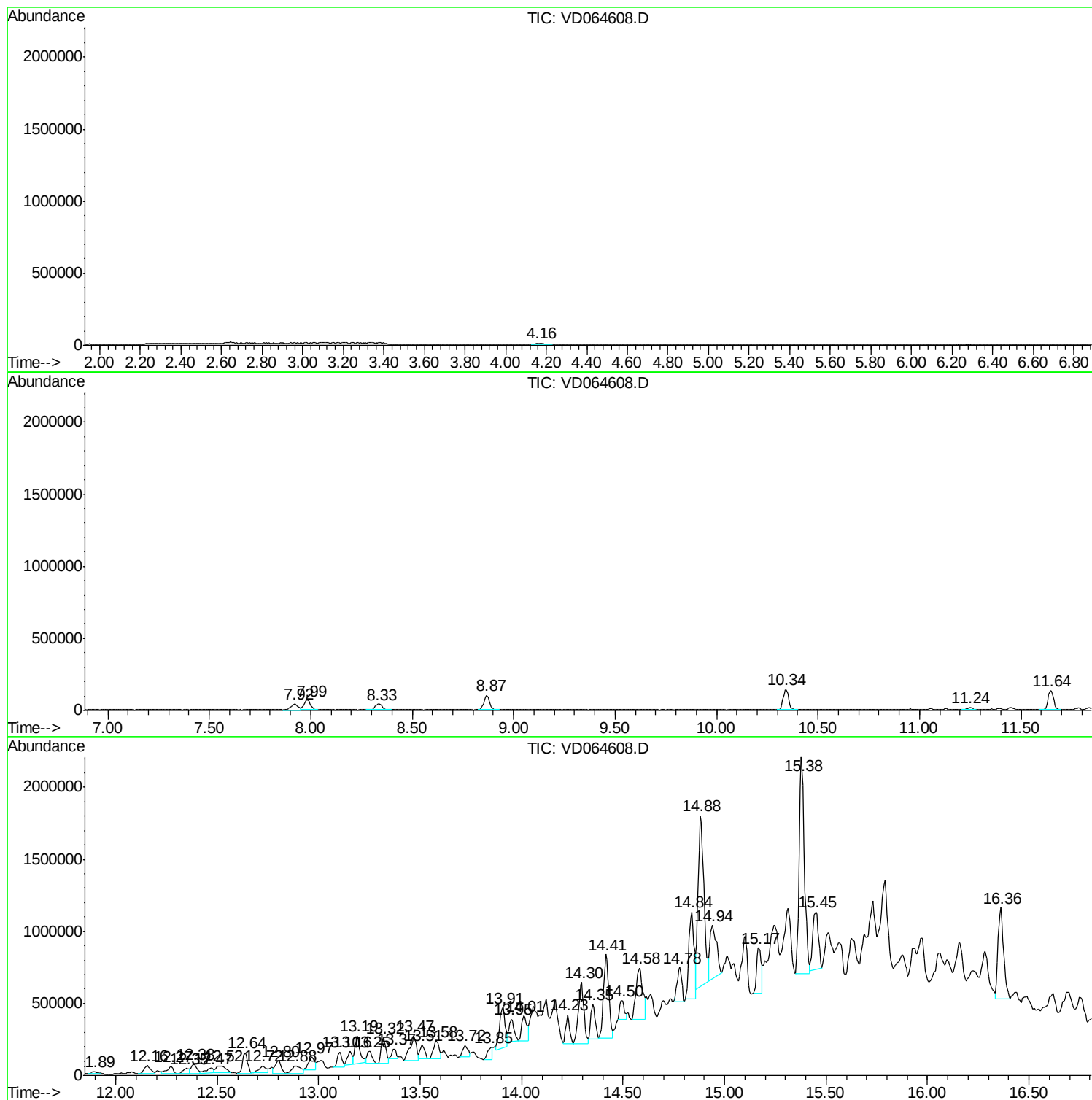
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ClientSampleId :
GP-5-(5-6)

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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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
GP-5-(5-6)

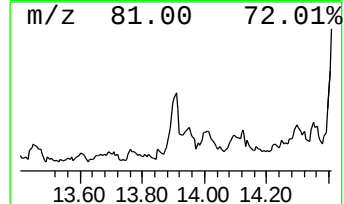
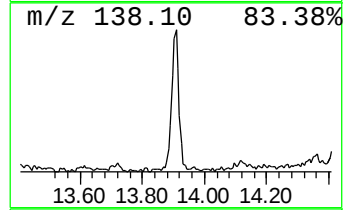
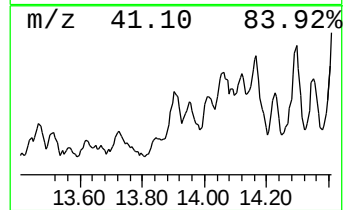
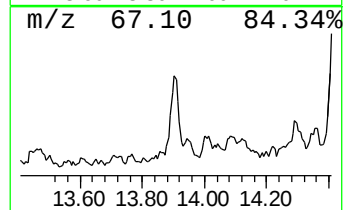
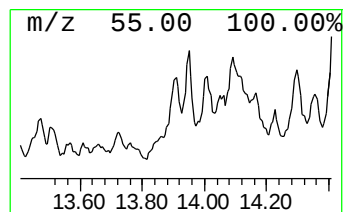
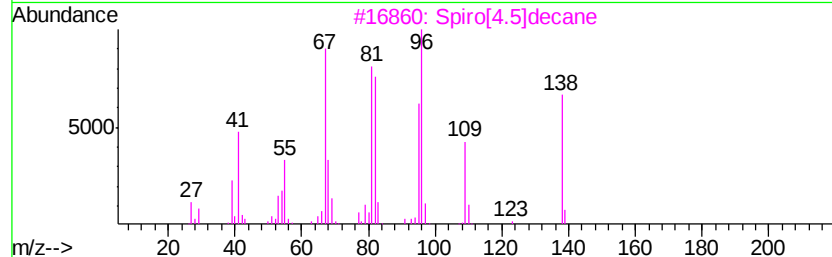
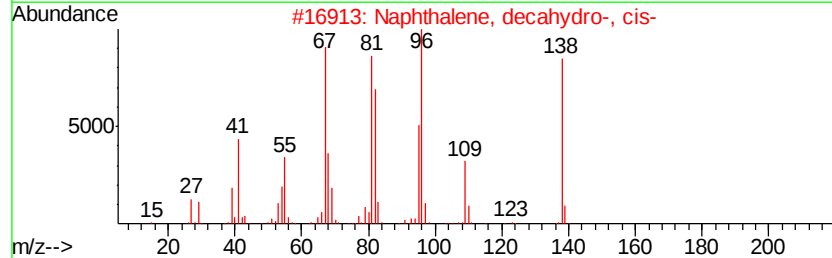
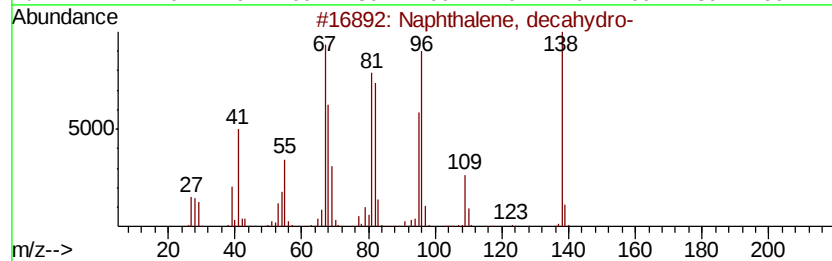
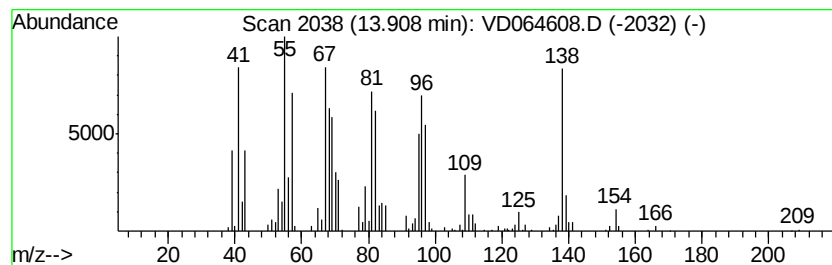
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, decahydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	111.04 ug/l	543222	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-	138	C10H18	000091-17-8	97
2		Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	96
3		Spiro[4.5]decane	138	C10H18	000176-63-6	93
4		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	91
5		9-Borabicyclo[3.3.1]nonane, 9-hy...	138	C8H15BO	063366-65-4	91



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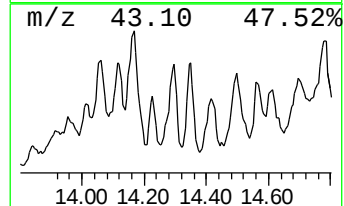
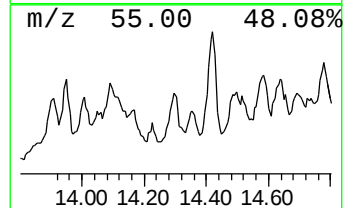
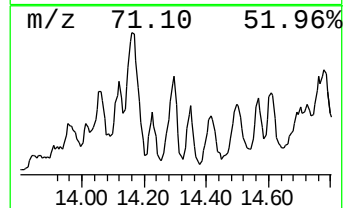
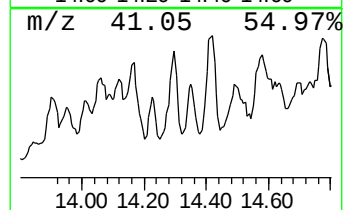
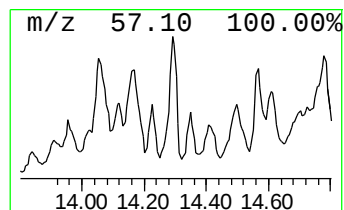
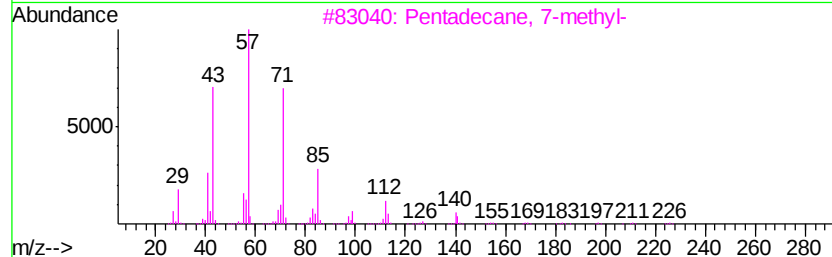
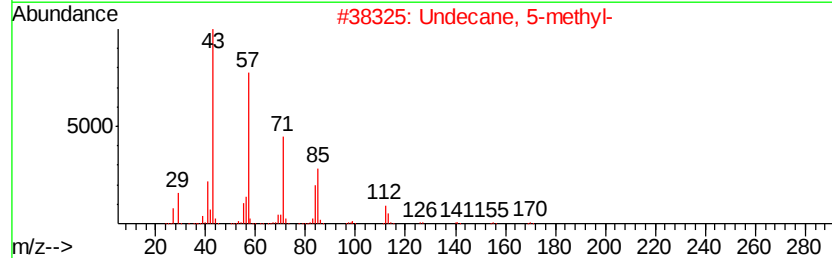
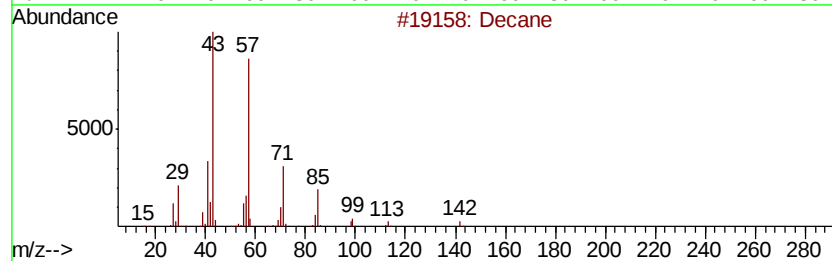
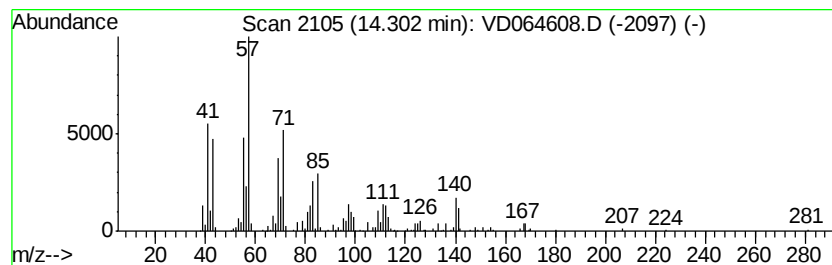
Instrument :
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ClientSampleId :
GP-5-(5-6)

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

Peak Number 2 Decane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	164.62 ug/l	805359	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane		142 C10H22	000124-18-5 60
2	Undecane, 5-methyl-		170 C12H26	001632-70-8 53
3	Pentadecane, 7-methyl-		226 C16H34	006165-40-8 53
4	Hentriacontane		437 C31H64	000630-04-6 47
5	Hexatriacontane		507 C36H74	000630-06-8 47



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Misc : 6.96G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

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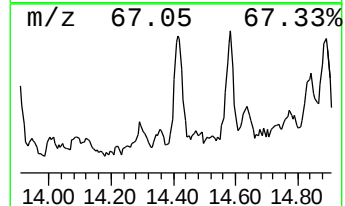
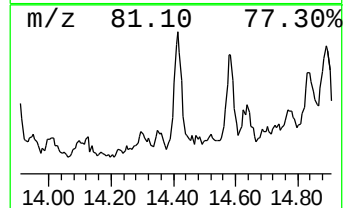
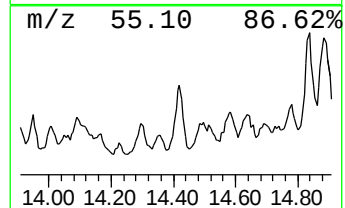
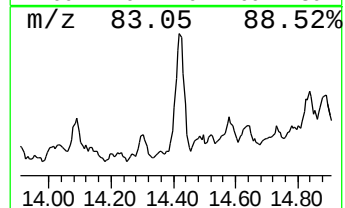
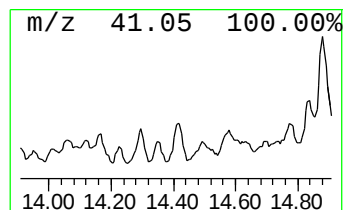
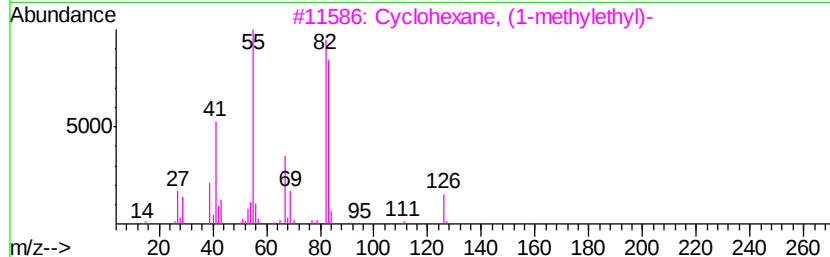
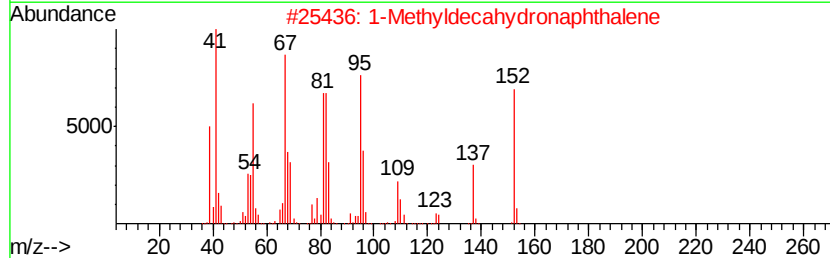
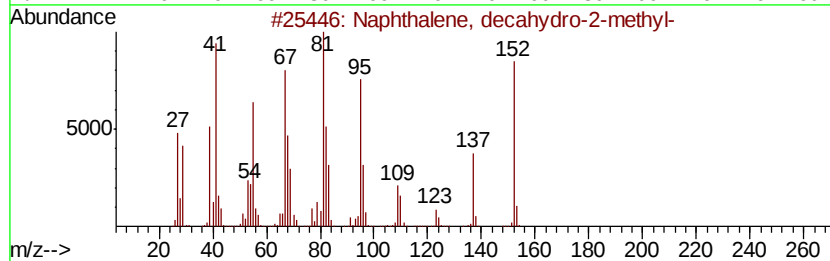
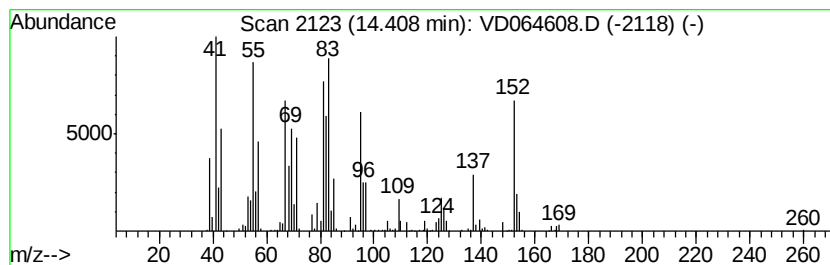
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	220.08 ug/l	1076690	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	59
2		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	43
3		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	38
5		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	35



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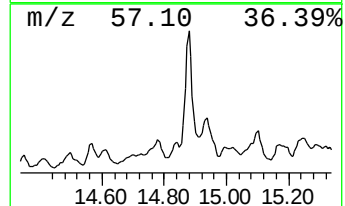
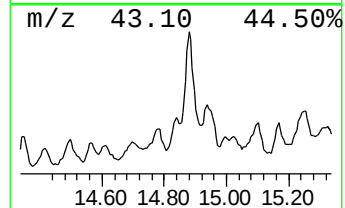
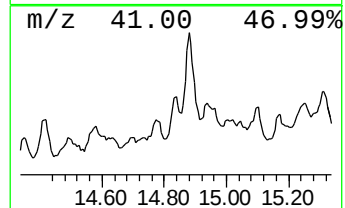
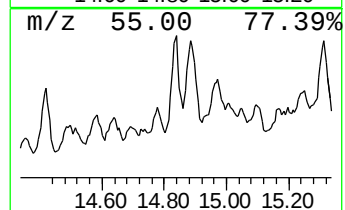
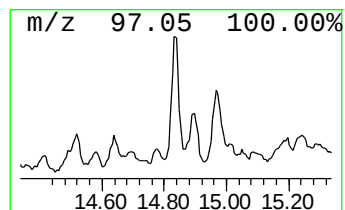
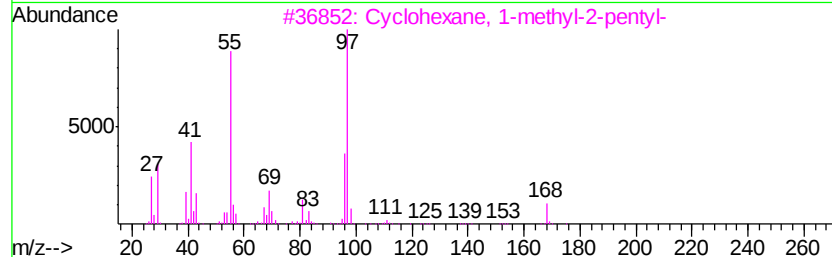
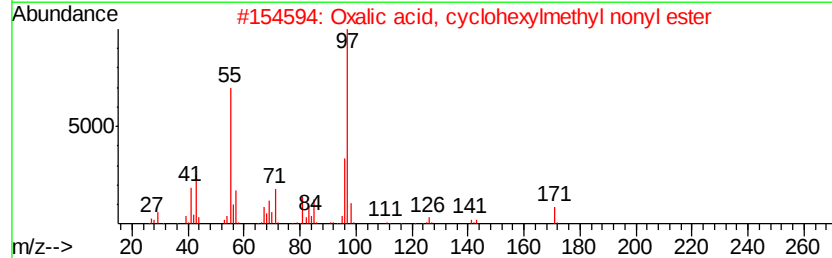
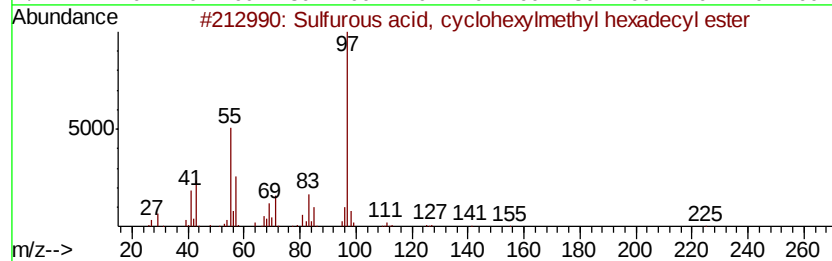
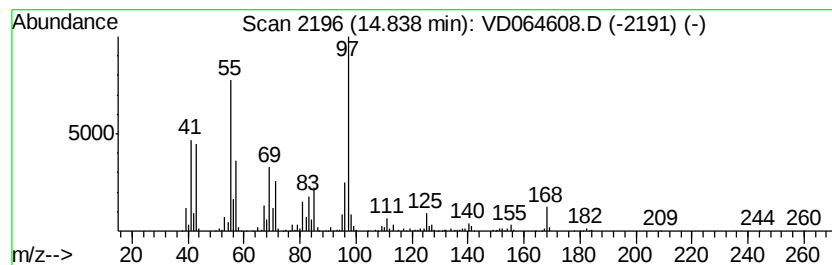
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Quant Title : SW846 8260

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

Peak Number 5 Sulfurous acid, cyclohexylm... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	220.79 ug/l	1080190	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cvclohexylmethvl...	402	C23H46O3S	1000309-22-4	53
2		Oxalic acid, cvclohexylmethvl no...	312	C18H32O4	1000309-68-6	53
3		Cvclohexane, 1-methvl-2-pentvl-	168	C12H24	054411-01-7	52
4		Cvclohexane, 1-methvl-3-pentvl-	168	C12H24	054411-02-8	52
5		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	47



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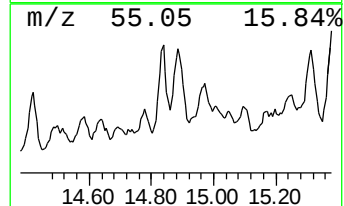
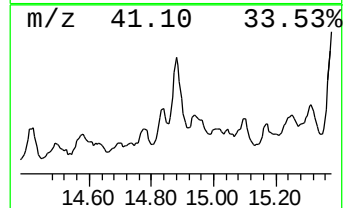
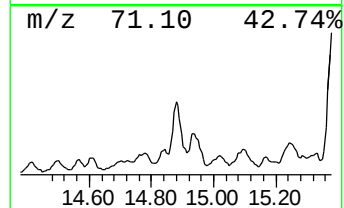
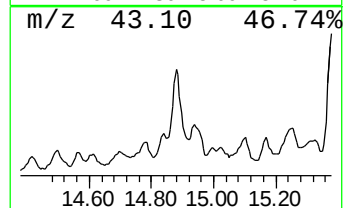
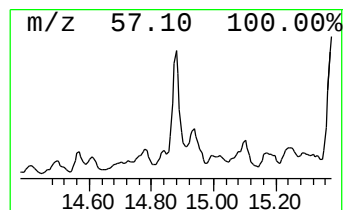
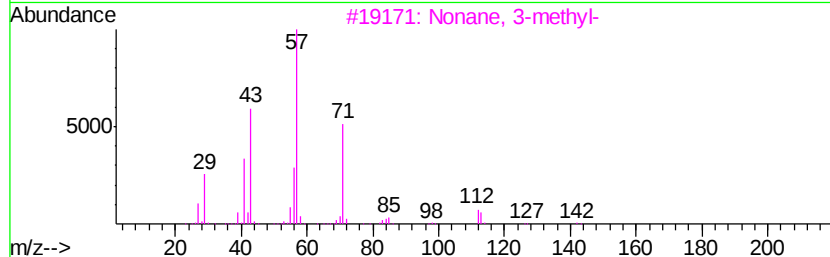
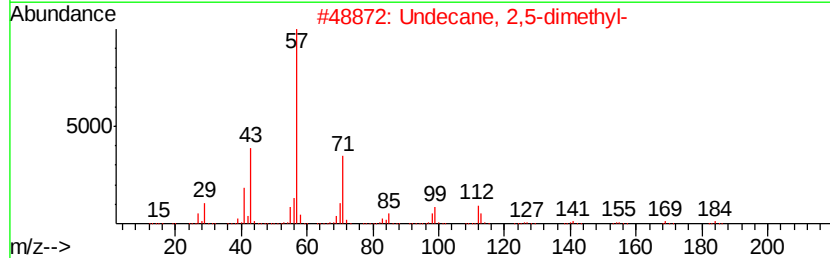
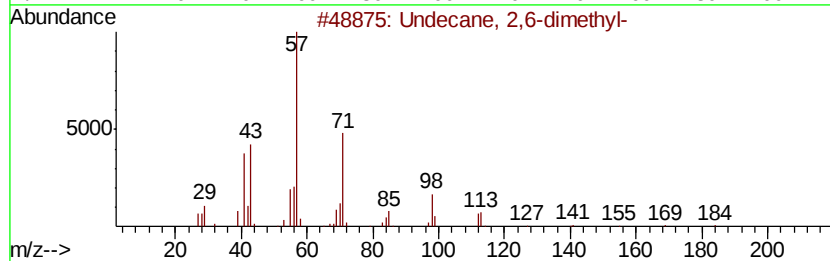
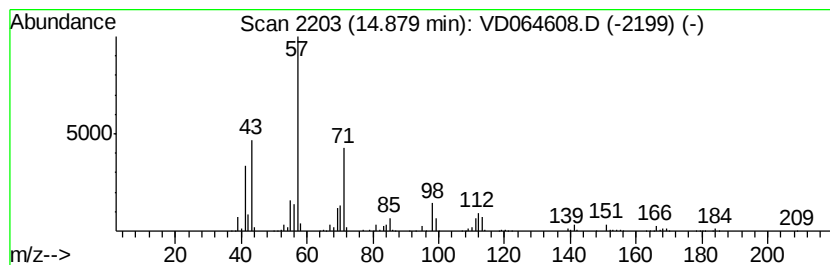
Instrument :
MSVOA_D
ClientSampleId :
GP-5-(5-6)

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	495.09 ug/l	2422130	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	94
2	Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3	81
3	Nonane, 3-methyl-	142 C10H22	005911-04-6	58
4	Sulfurous acid, butyl 2-ethylhex...	250 C12H26O3S	1000309-18-8	53
5	Dodecane, 6-methyl-	184 C13H28	006044-71-9	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122619\
Data File : VD064608.D
Acq On : 26 Dec 2019 19:27
Operator : VA/SY
Sample : K6437-07
Misc : 6.96G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

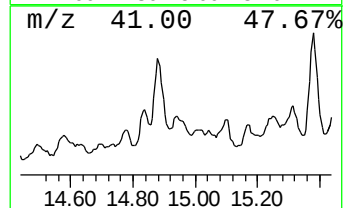
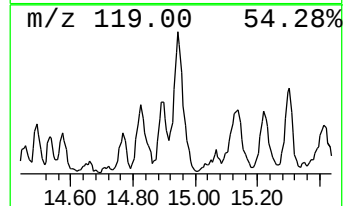
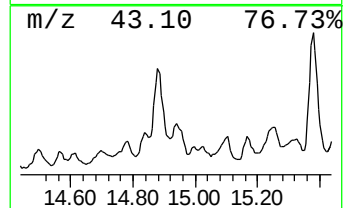
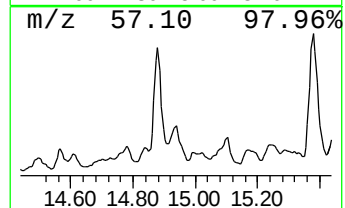
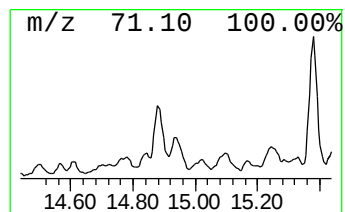
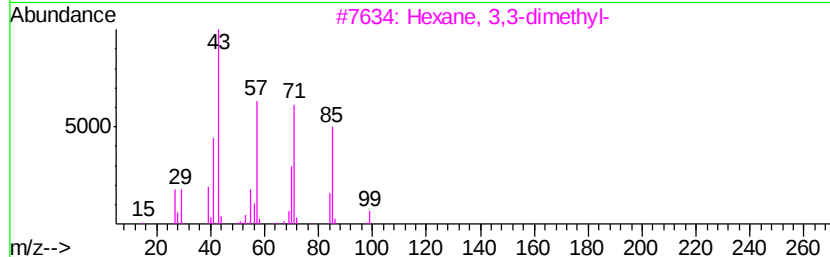
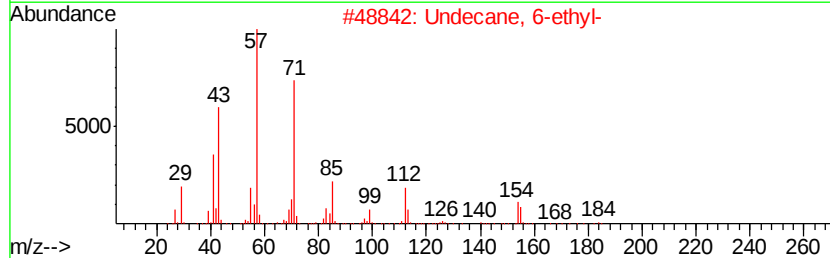
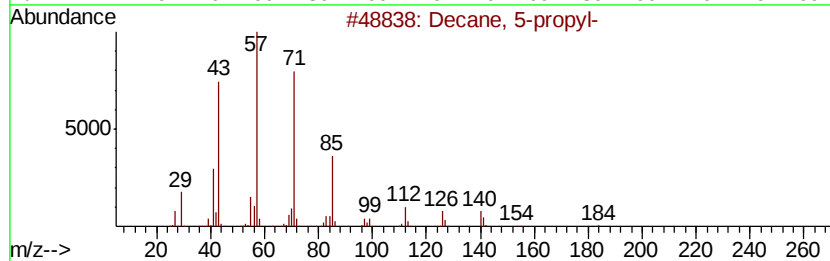
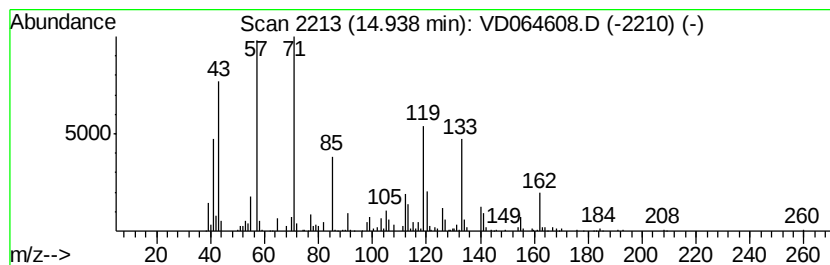
Instrument :
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ClientSampleId :
GP-5-(5-6)

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 7 Decane, 5-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	167.84 ug/l	821145	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 5-propyl-	184 C13H28	017312-62-8	55
2	Undecane, 6-ethyl-	184 C13H28	017312-60-6	30
3	Hexane, 3,3-dimethyl-	114 C8H18	000563-16-6	27
4	Decane, 3,6-dimethyl-	170 C12H26	017312-53-7	25
5	Disiloxane, 1,1,3,3-tetramethyl-	134 C4H14OSi2	003277-26-7	18



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
Data File : VD064608.D
Acq On : 26 Dec 2019 19:27
Operator : VA/SY
Sample : K6437-07
Misc : 6.96G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

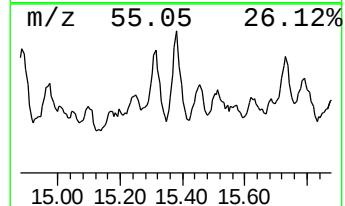
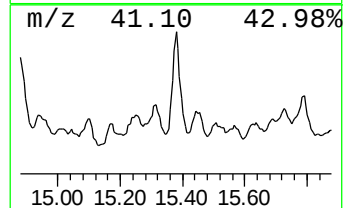
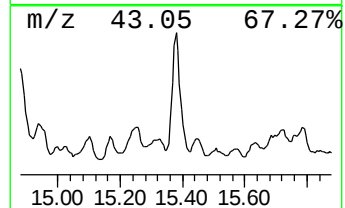
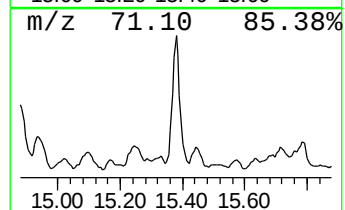
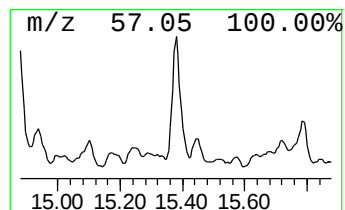
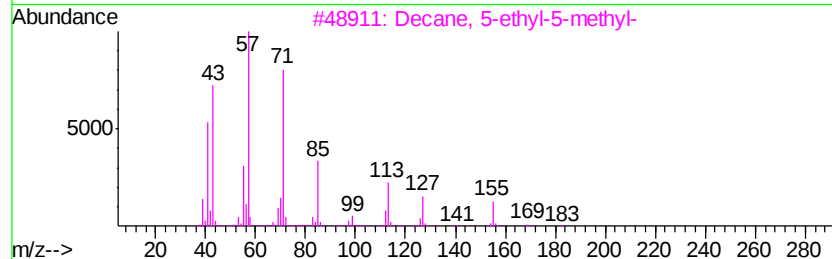
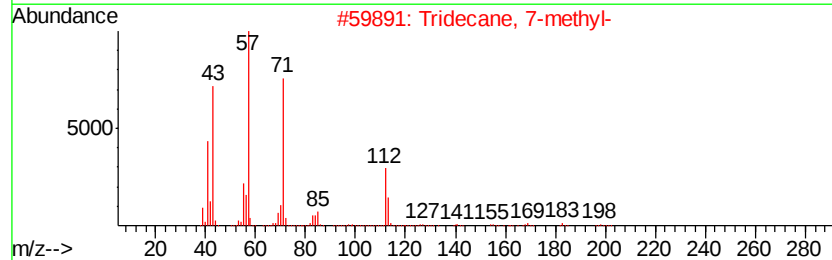
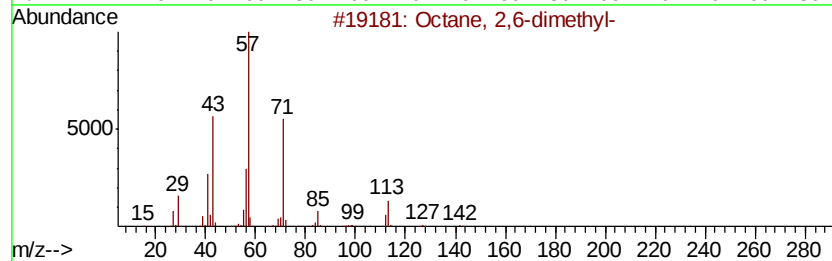
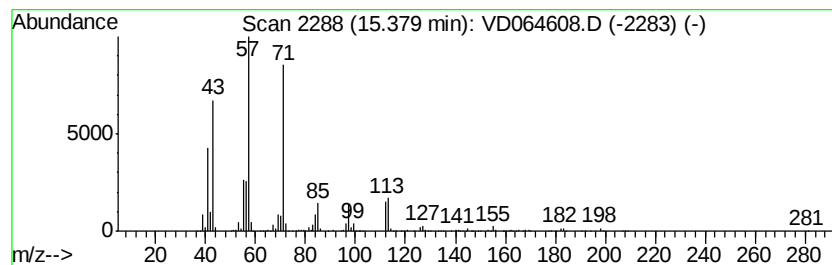
Instrument :
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ClientSampleId :
GP-5-(5-6)

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

Peak Number 8 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.38	545.84 ug/l	2670410	1,4-Dichlorobenzene-d4	13.58	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	68
3	Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	64
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122619\
Data File : VD064608.D
Acq On : 26 Dec 2019 19:27
Operator : VA/SY
Sample : K6437-07
Misc : 6.96G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

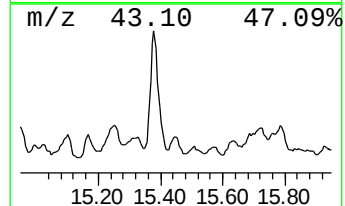
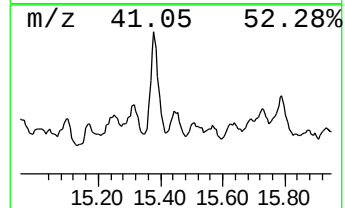
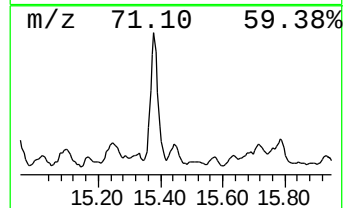
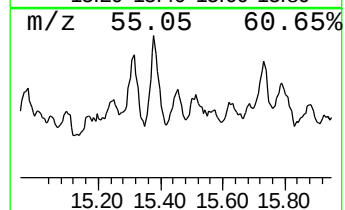
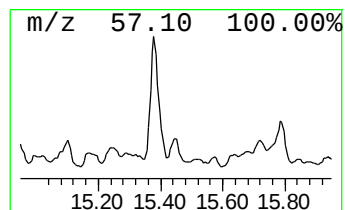
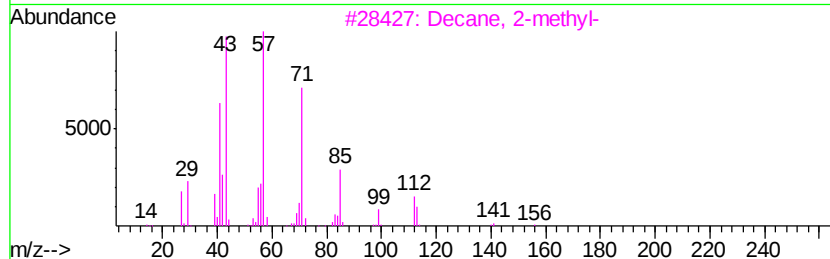
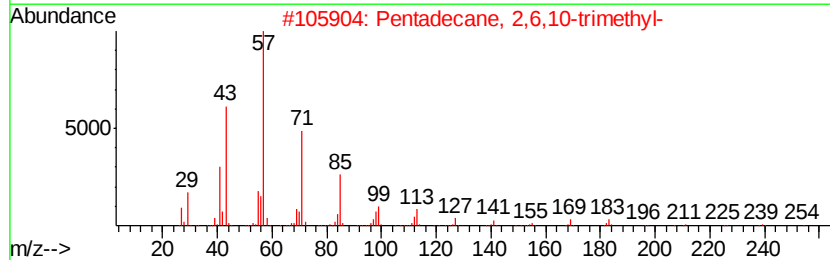
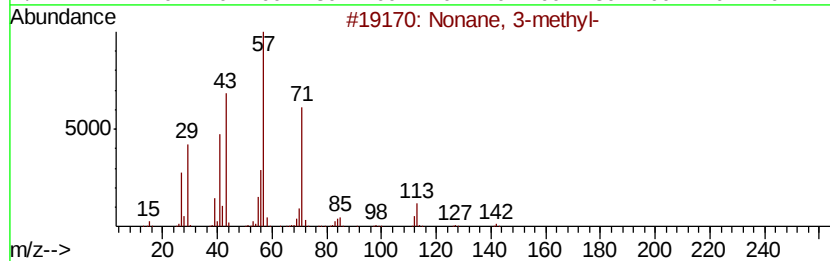
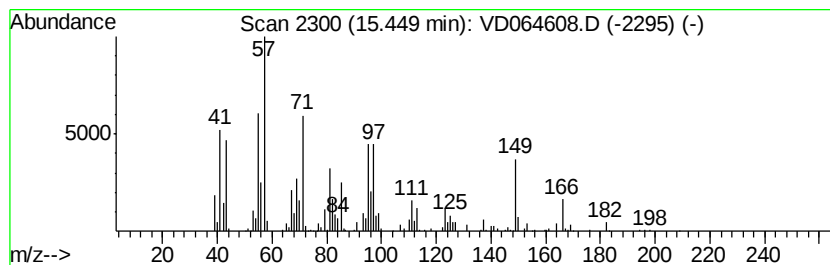
Instrument :
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ClientSampleId :
GP-5-(5-6)

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 unknown15.45 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	159.48 ug/l	780243	1,4-Dichlorobenzene-d4	13.58
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Nonane, 3-methyl-	142 C10H22	005911-04-6 25
2		Pentadecane, 2,6,10-trimethyl-	254 C18H38	003892-00-0 22
3		Decane, 2-methyl-	156 C11H24	006975-98-0 20
4		Tridecane, 2-methyl-	198 C14H30	001560-96-9 18
5		Octane, 3,5-dimethyl-	142 C10H22	015869-93-9 15



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122619\
Data File : VD064608.D
Acq On : 26 Dec 2019 19:27
Operator : VA/SY
Sample : K6437-07
Misc : 6.96G/5.00ml/MSVOA D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GP-5-(5-6)

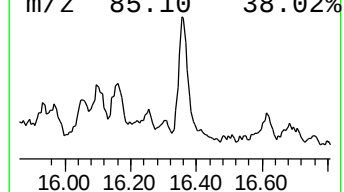
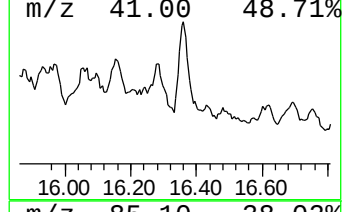
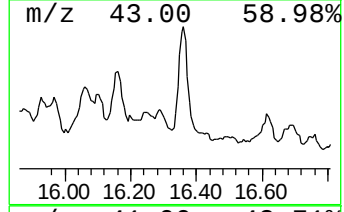
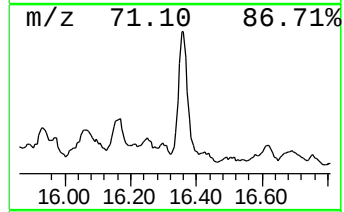
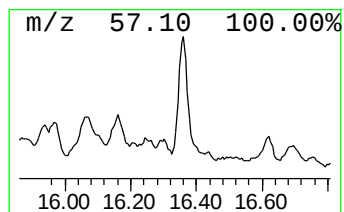
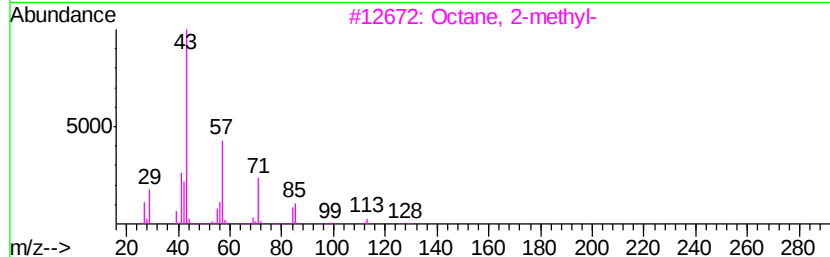
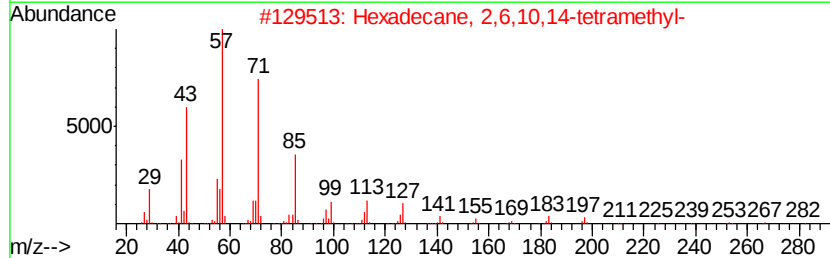
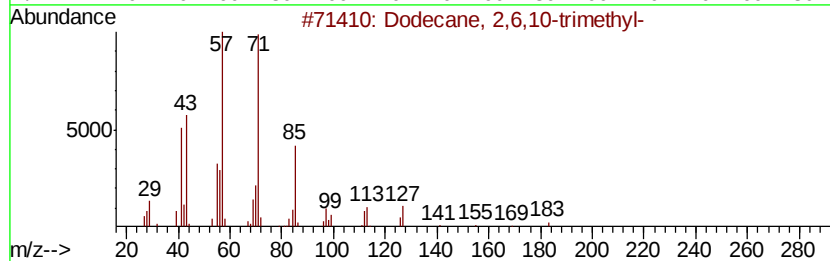
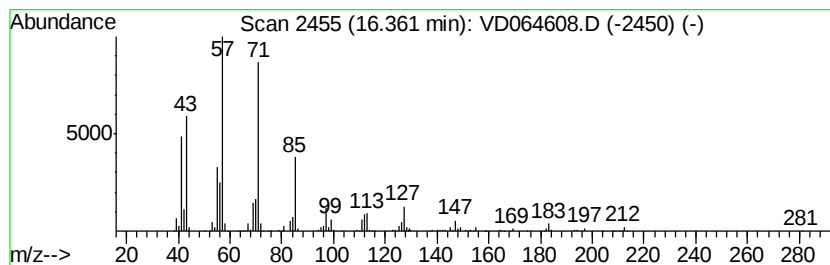
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Quant Title : SW846 8260

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

Peak Number 10 Dodecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	250.84 ug/l	1227200	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3		Octane, 2-methyl-	128	C9H20	003221-61-2	72
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5		Isooctyl mercaptoacetate	204	C10H20O2S	025103-09-7	64



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122619\
Data File : VD064608.D
Acq On : 26 Dec 2019 19:27
Operator : VA/SY
Sample : K6437-07
Misc : 6.96G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GP-5-(5-6)

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
Naphthalene, deca...	13.91	111.0	ug/l	543222	4	13.58	244615	50.0
Decane	14.30	164.6	ug/l	805359	4	13.58	244615	50.0
Naphthalene, deca...	14.41	220.1	ug/l	1076690	4	13.58	244615	50.0
Sulfurous acid, c...	14.84	220.8	ug/l	1080190	4	13.58	244615	50.0
Undecane, 2,6-dim...	14.88	495.1	ug/l	2422130	4	13.58	244615	50.0
Decane, 5-propyl-	14.94	167.8	ug/l	821145	4	13.58	244615	50.0
Octane, 2,6-dimet...	15.38	545.8	ug/l	2670410	4	13.58	244615	50.0
unknown15.45	15.45	159.5	ug/l	780243	4	13.58	244615	50.0
Dodecane, 2,6,10-...	16.36	250.8	ug/l	1227200	4	13.58	244615	50.0