

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000917.D
 Acq On : 09 Dec 2019 17:11
 Operator : SY/MD
 Sample : K6204-03
 Misc : 6.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K072-AA-SB-3

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_Y\METHODS\82Y112719S.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	1.859	16	20	32	rVB2	32721	61082	4.19%	0.565%
2	3.963	354	365	376	rBV	50106	145403	9.96%	1.345%
3	4.200	393	404	414	rBV	24566	69709	4.78%	0.645%
4	4.718	479	489	499	rBV3	34519	112504	7.71%	1.041%
5	6.999	855	863	875	rBV	21616	57752	3.96%	0.534%
6	7.724	972	982	988	rBV	190630	448259	30.72%	4.147%
7	7.797	988	994	1007	rVB	338074	758271	51.97%	7.014%
8	8.151	1042	1052	1063	rBV	210340	447327	30.66%	4.138%
9	8.693	1132	1141	1152	rBV	534889	1063753	72.90%	9.840%
10	10.181	1377	1385	1392	rBV	830801	1459171	100.00%	13.498%
11	11.089	1528	1534	1539	rBV4	9838	16675	1.14%	0.154%
12	11.486	1591	1599	1607	rBV	748860	1223982	83.88%	11.322%
13	11.681	1624	1631	1634	rBV7	9207	17554	1.20%	0.162%
14	11.742	1636	1641	1651	rVB7	11768	33367	2.29%	0.309%
15	11.992	1676	1682	1690	rBV6	16882	46468	3.18%	0.430%
16	12.113	1699	1702	1707	rVB3	12209	16901	1.16%	0.156%
17	12.205	1707	1717	1718	rBV6	27130	52631	3.61%	0.487%
18	12.229	1718	1721	1727	rVB4	37114	59035	4.05%	0.546%
19	12.309	1727	1734	1735	rBV6	11232	19994	1.37%	0.185%
20	12.382	1741	1746	1754	rVB10	12883	32470	2.23%	0.300%
21	12.479	1755	1762	1768	rBV	548539	892312	61.15%	8.254%
22	12.540	1768	1772	1774	rBV5	11814	18305	1.25%	0.169%
23	12.571	1775	1777	1781	rVB3	16188	21092	1.45%	0.195%
24	12.638	1783	1788	1795	rVB3	84746	150535	10.32%	1.393%
25	12.748	1795	1806	1810	rBV	143225	264931	18.16%	2.451%
26	12.808	1810	1816	1828	rVB9	51697	194118	13.30%	1.796%
27	12.900	1828	1831	1835	rBV5	10020	16479	1.13%	0.152%
28	12.943	1835	1838	1842	rVB4	24737	34016	2.33%	0.315%
29	13.004	1842	1848	1849	rBV4	12500	21409	1.47%	0.198%
30	13.034	1849	1853	1857	rBV	39620	69685	4.78%	0.645%
31	13.168	1871	1875	1881	rVB7	21548	40105	2.75%	0.371%
32	13.241	1885	1887	1889	rBV3	13029	14664	1.00%	0.136%
33	13.278	1889	1893	1897	rBV3	54424	85905	5.89%	0.795%
34	13.363	1902	1907	1910	rVV3	34731	59521	4.08%	0.551%

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35	13.418	1910	1916	1922	rVV	679706	1065749	73.04%	9.859%
36	13.473	1922	1925	1932	rVB3	46255	97897	6.71%	0.906%
37	13.564	1935	1940	1944	rVB3	42707	67240	4.61%	0.622%
38	13.638	1949	1952	1956	rVB2	16653	20429	1.40%	0.189%
39	13.686	1956	1960	1962	rBV5	13179	19937	1.37%	0.184%
40	13.741	1964	1969	1974	rBV4	89950	152266	10.44%	1.409%
41	14.070	2019	2023	2026	rBV6	12119	19369	1.33%	0.179%
42	14.138	2028	2034	2039	rVV10	20308	51324	3.52%	0.475%
43	14.253	2047	2053	2055	rBV6	40846	75364	5.16%	0.697%
44	14.387	2070	2075	2077	rBV3	31078	58483	4.01%	0.541%
45	14.418	2077	2080	2084	rVB5	46158	66143	4.53%	0.612%
46	14.607	2107	2111	2116	rVB2	79002	104610	7.17%	0.968%
47	14.680	2119	2123	2126	rBV6	15557	25523	1.75%	0.236%
48	14.723	2126	2130	2137	rVB2	54403	85967	5.89%	0.795%
49	14.875	2151	2155	2158	rVB5	19081	26361	1.81%	0.244%
50	14.942	2162	2166	2169	rVB6	22248	32437	2.22%	0.300%
51	15.003	2169	2176	2178	rBV5	31619	57033	3.91%	0.528%
52	15.125	2194	2196	2203	rVB5	33852	57157	3.92%	0.529%
53	15.211	2204	2210	2216	rBV2	60481	125113	8.57%	1.157%
54	15.430	2241	2246	2254	rVB2	97676	155899	10.68%	1.442%
55	15.534	2254	2263	2268	rBV2	20978	64147	4.40%	0.593%
56	15.595	2270	2273	2278	rVB5	23255	42099	2.89%	0.389%
57	15.875	2314	2319	2323	rBV8	15628	30563	2.09%	0.283%
58	16.015	2337	2342	2347	rBV8	23137	48586	3.33%	0.449%
59	16.149	2360	2364	2370	rBV4	36706	64909	4.45%	0.600%
60	16.351	2392	2397	2403	rBV	73383	123771	8.48%	1.145%
61	16.472	2413	2417	2422	rBV8	15529	28346	1.94%	0.262%
62	16.582	2431	2435	2438	rBV6	10134	18123	1.24%	0.168%

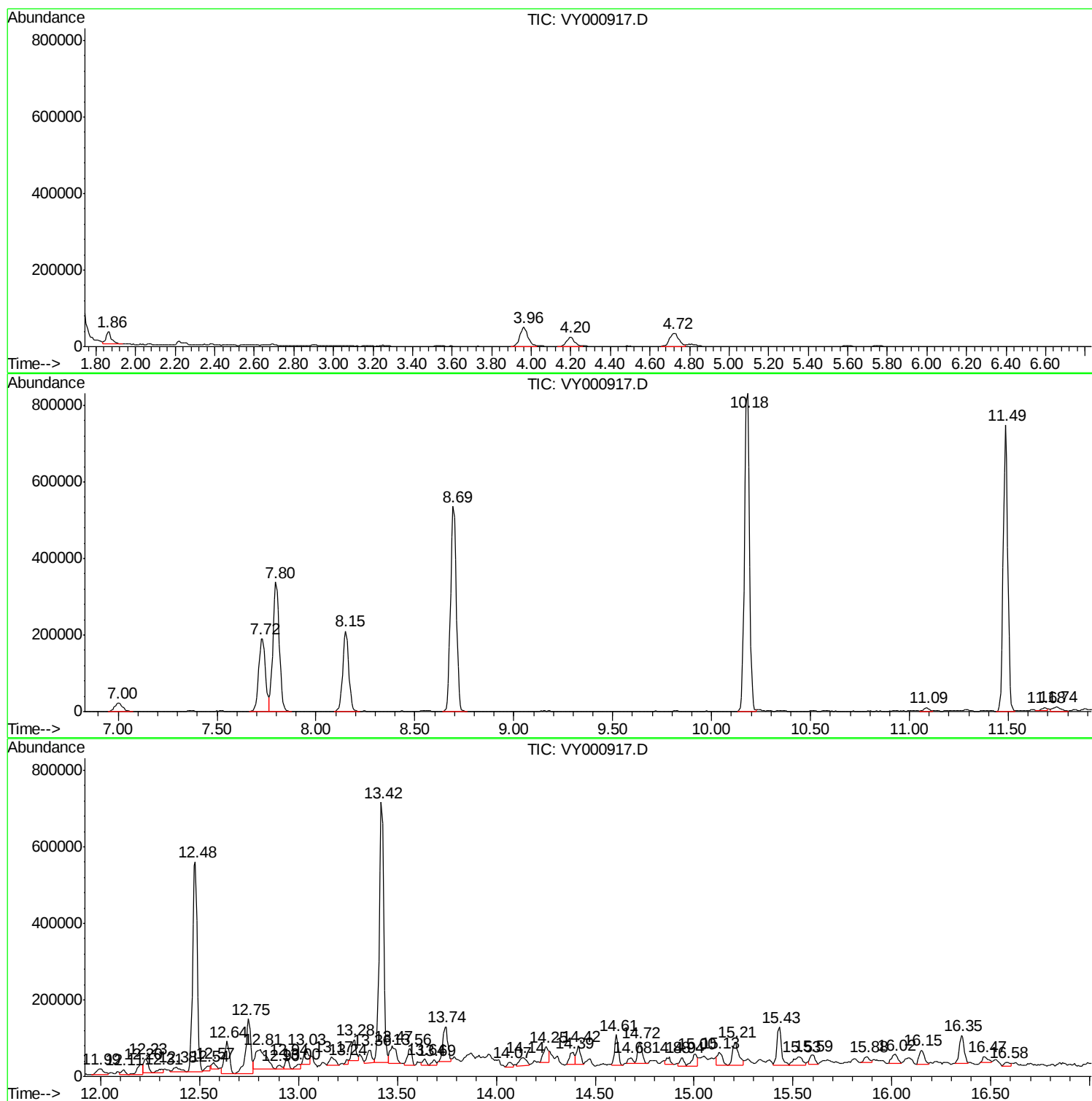
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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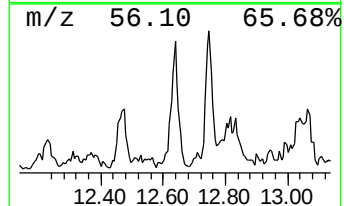
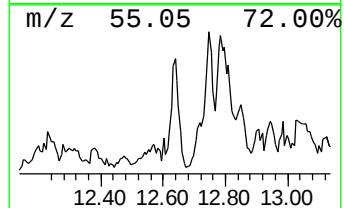
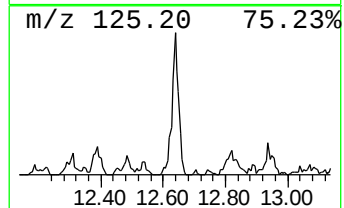
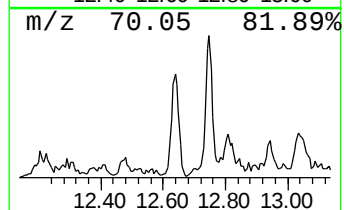
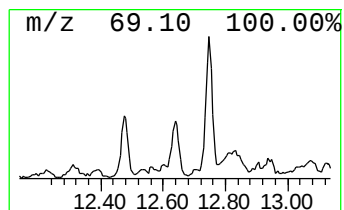
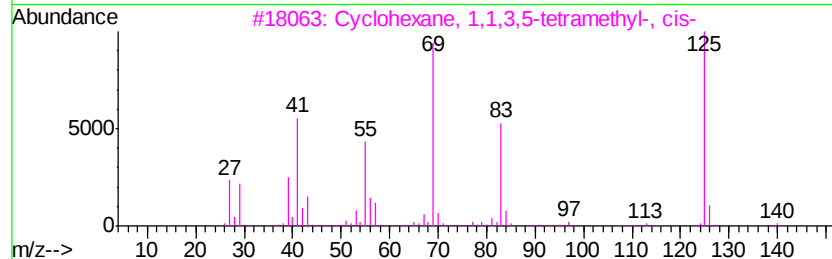
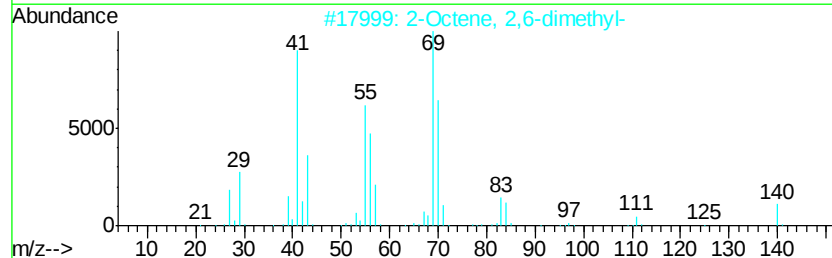
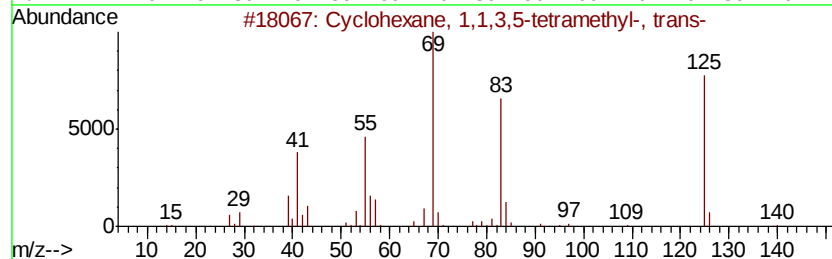
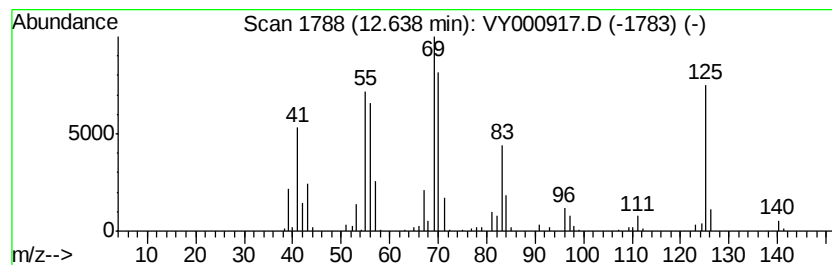
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1,3,5-tetram... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	7.06 ug/l	150535	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	50
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	49
3		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	47
4		Cyclopentane, butyl-	126	C9H18	002040-95-1	46
5		cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	46



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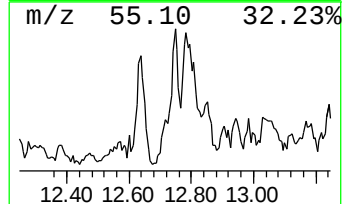
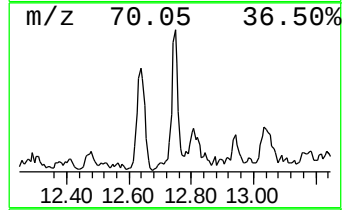
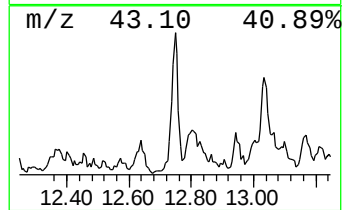
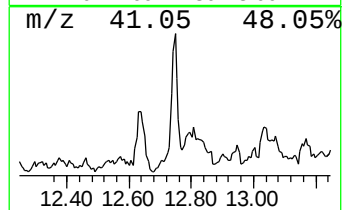
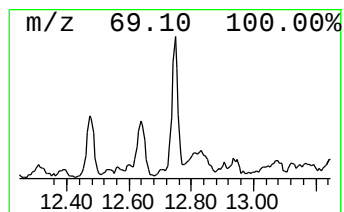
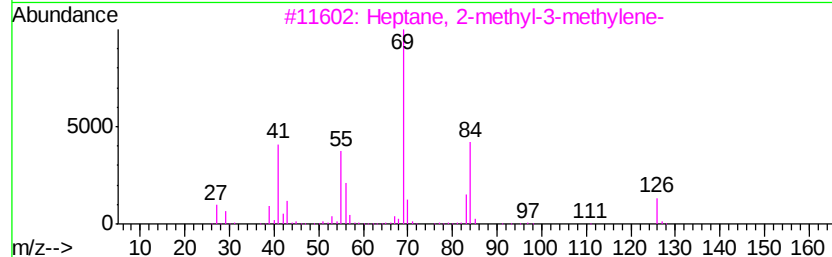
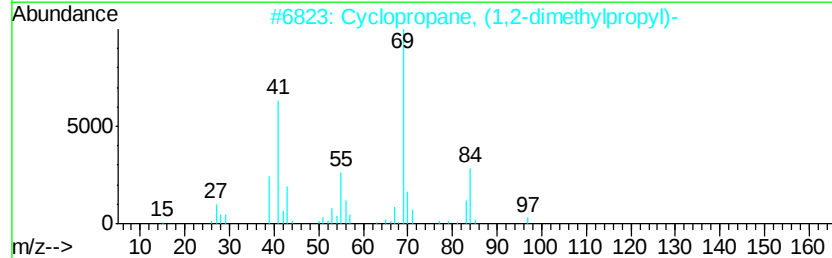
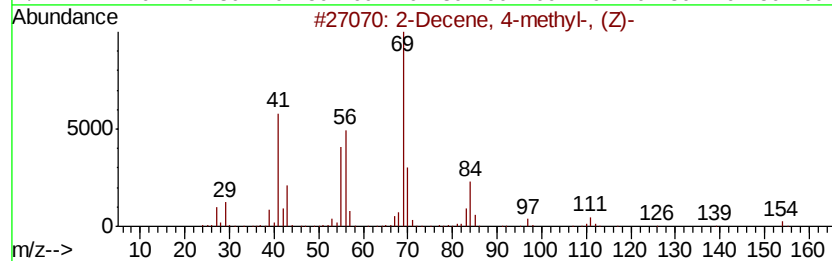
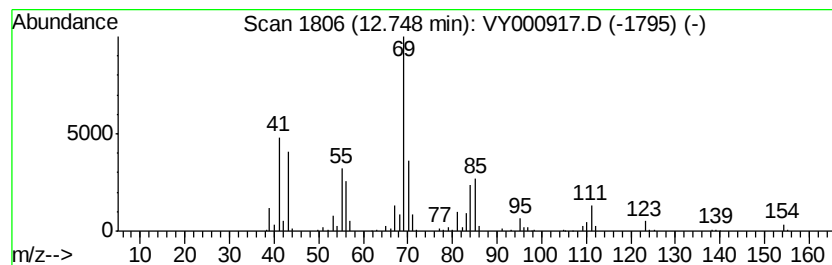
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 2-Decene, 4-methyl-, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.75	12.43 ug/l	264931	1,4-Dichlorobenzene-d4	13.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	53	
2	Cyclopropane, (1,2-dimethylpropyl)-	112	C8H16	006976-27-8	50	
3	Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	47	
4	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	47	
5	Citral	152	C10H16O	005392-40-5	43	



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Misc : 6.00G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

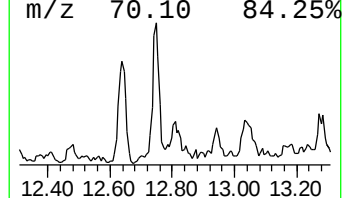
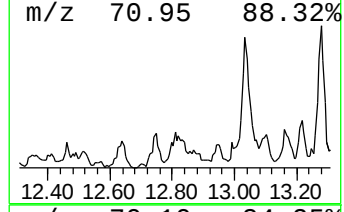
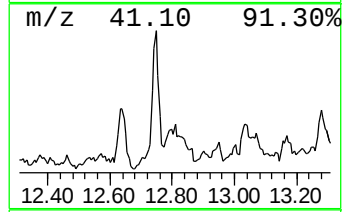
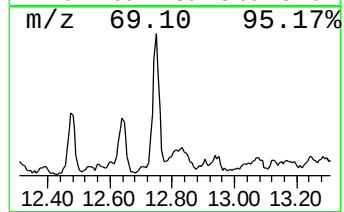
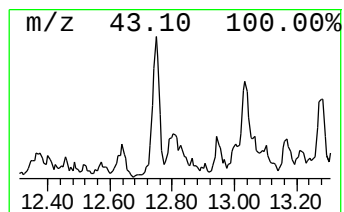
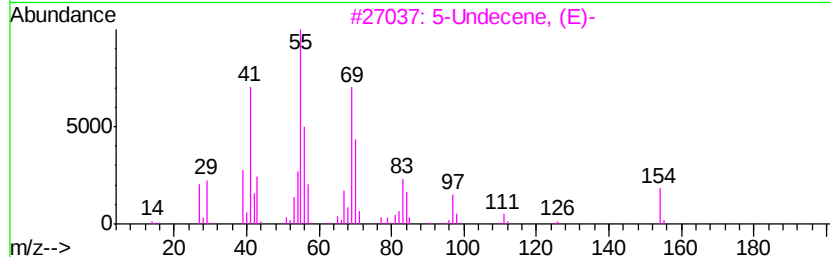
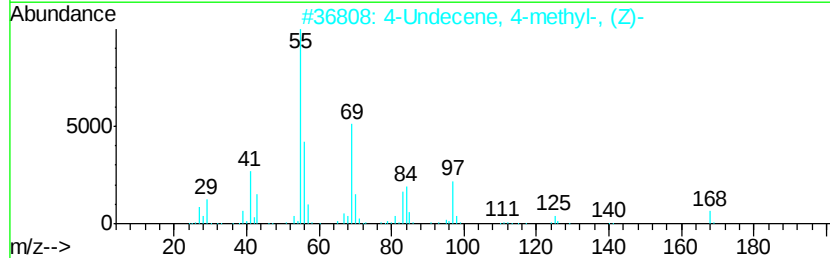
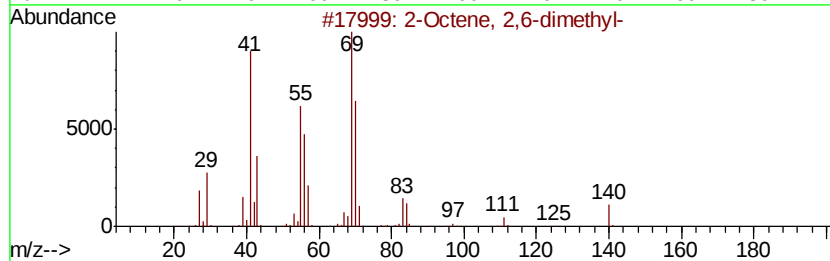
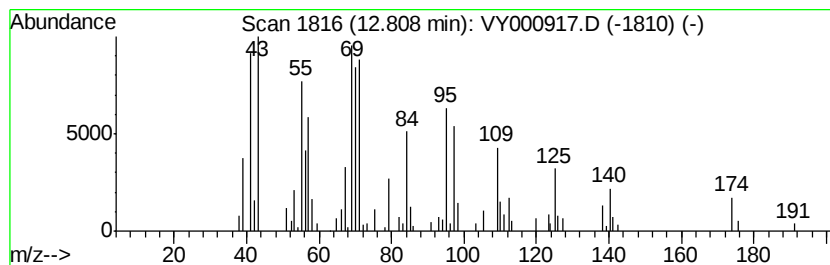
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TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown12.81 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.81	9.11 ug/l	194118	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	43
2	4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	38
3	5-Undecene, (E)-	154	C11H22	000764-97-6	38
4	6-Dodecene, (Z)-	168	C12H24	007206-29-3	27
5	Cyclopentanone, 2-methyl-3-(1-me...	140	C9H16O	054549-81-4	27



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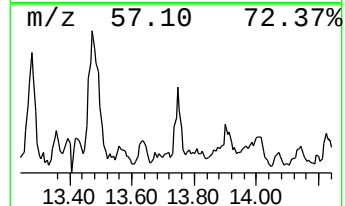
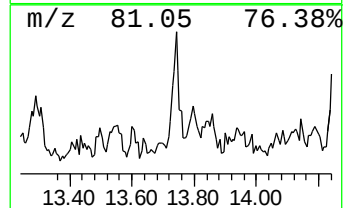
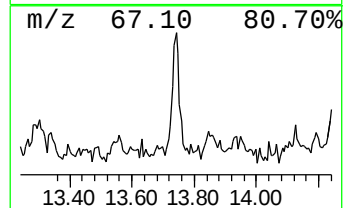
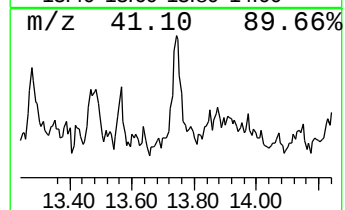
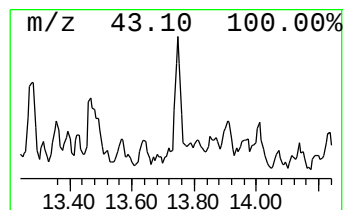
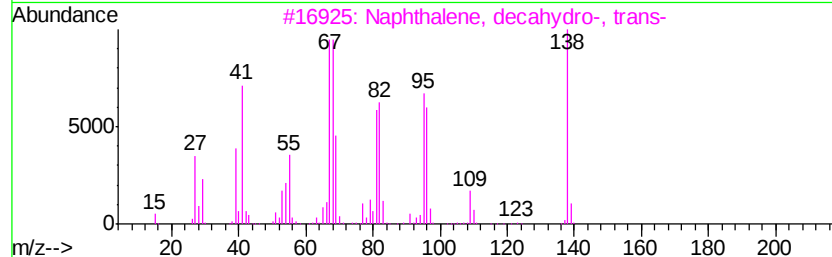
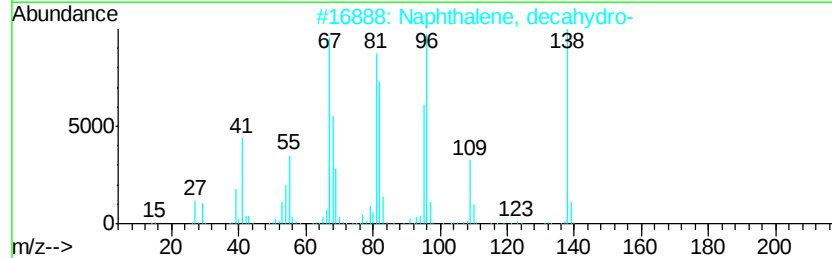
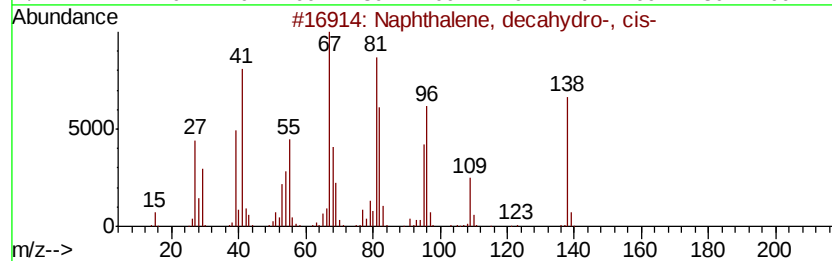
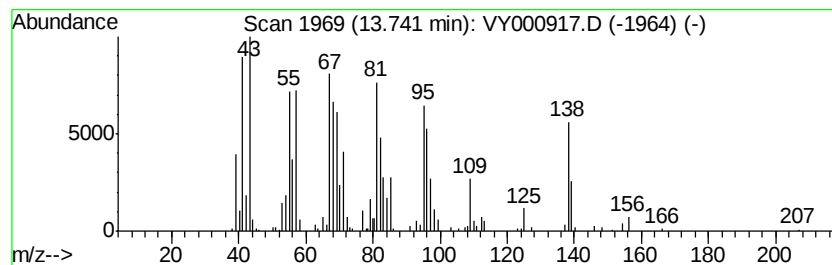
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Naphthalene, decahydro-, cis- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	7.14 ug/l	152266	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	76
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	72
3		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	64
4		Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	64
5		6-Octen-1-ol, 3,7-dimethyl-, (R)-	156	C10H20O	001117-61-9	58



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Misc : 6.00G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

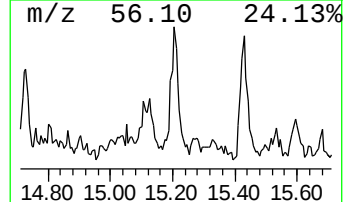
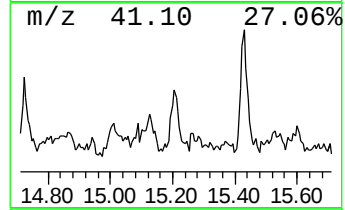
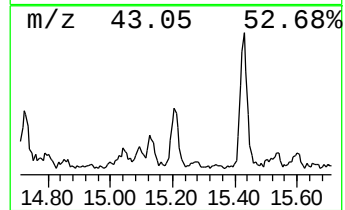
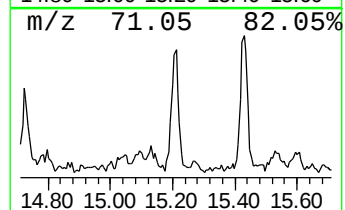
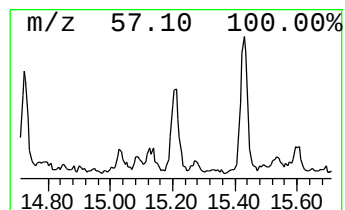
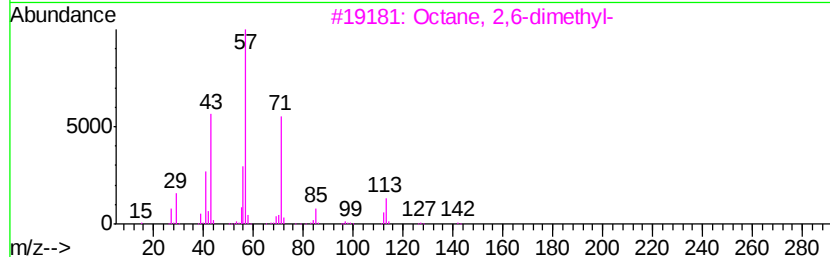
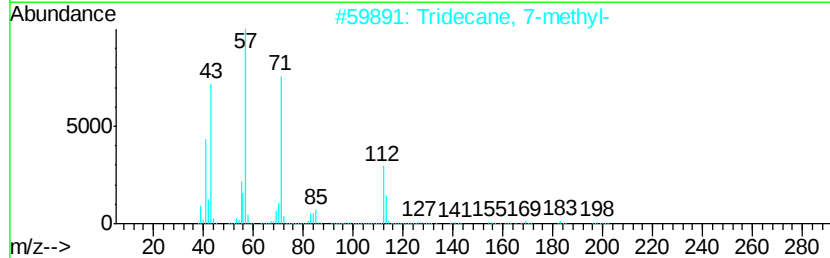
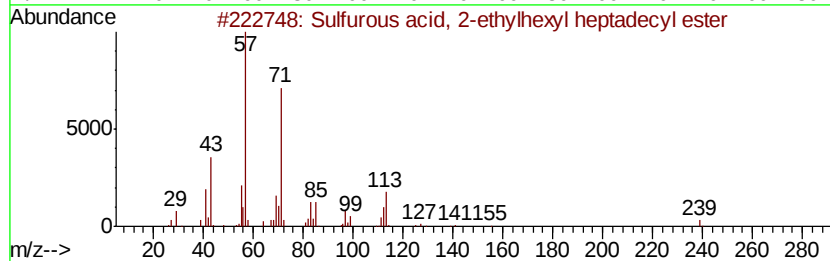
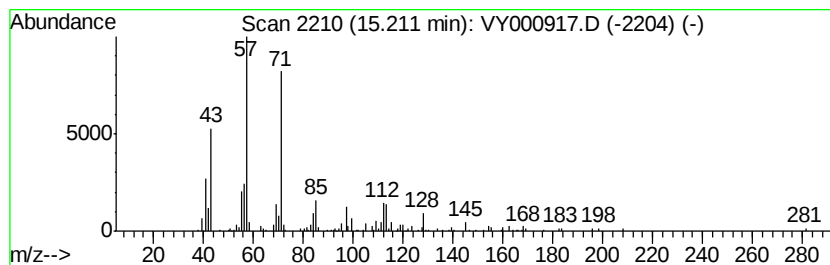
Instrument :
MSVOA_Y
ClientSampleId :
K072-AA-SB-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 5 Sulfurous acid, 2-ethylhexy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.21	5.87 ug/l	125113	1,4-Dichlorobenzene-d4	13.42	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	72
2	Tridecane, 7-methyl-	198	C14H30	026730-14-3	70
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
5	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
Data File : VY000917.D
Acq On : 09 Dec 2019 17:11
Operator : SY/MD
Sample : K6204-03
Misc : 6.00G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

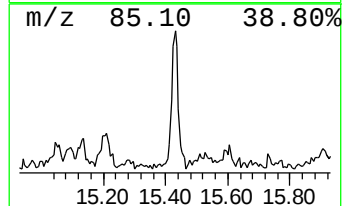
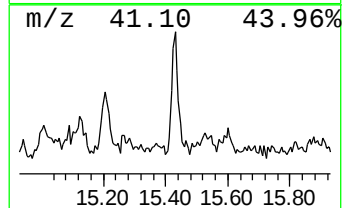
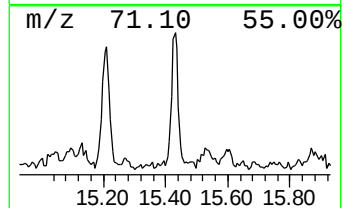
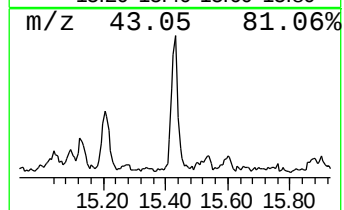
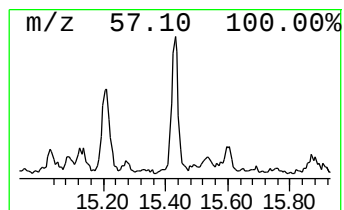
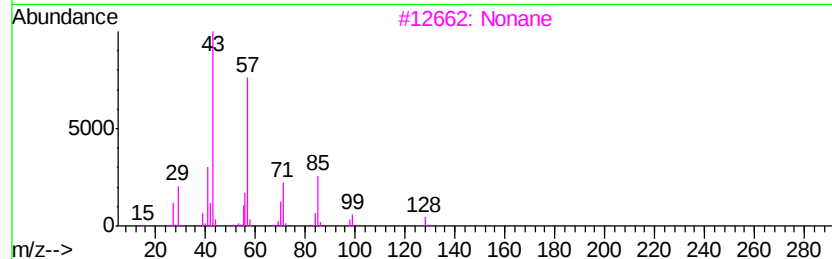
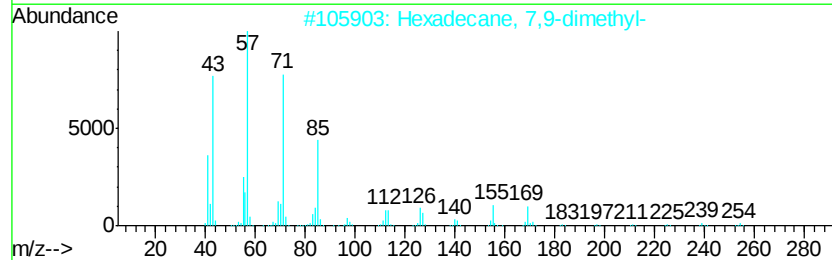
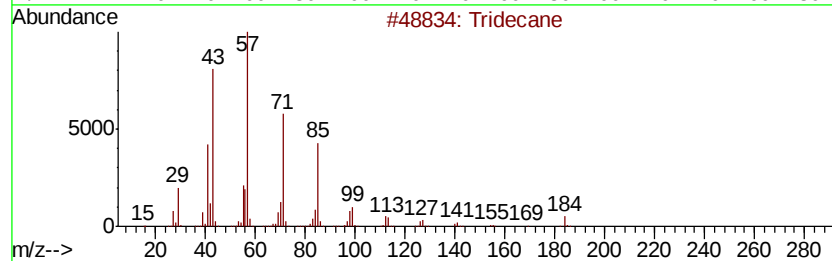
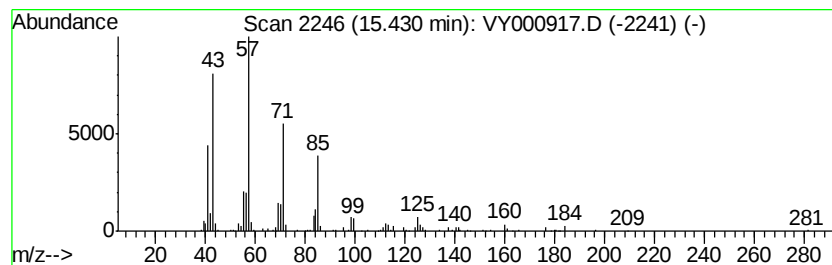
Instrument :
MSVOA_Y
ClientSampleId :
K072-AA-SB-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260

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

Peak Number 6 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	7.31 ug/l	155899	1,4-Dichlorobenzene-d4	13.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	95
2	Hexadecane, 7,9-dimethyl-	254 C18H38	021164-95-4	80
3	Nonane	128 C9H20	000111-84-2	76
4	Tetradecane	198 C14H30	000629-59-4	72
5	Octane, 2,4,6-trimethyl-	156 C11H24	062016-37-9	72



Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000917.D
 Acq On : 09 Dec 2019 17:11
 Operator : SY/MD
 Sample : K6204-03
 Misc : 6.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 K072-AA-SB-3

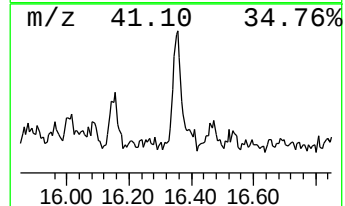
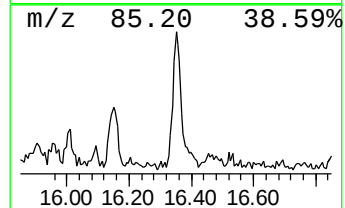
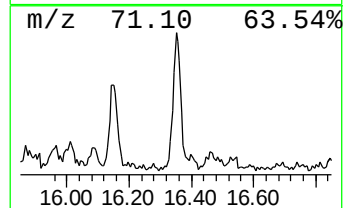
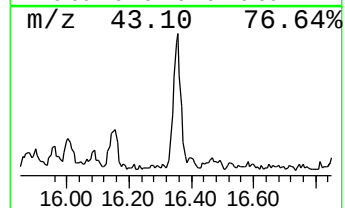
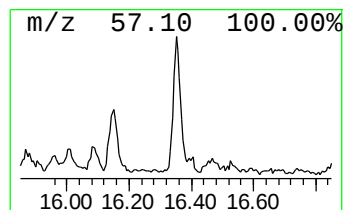
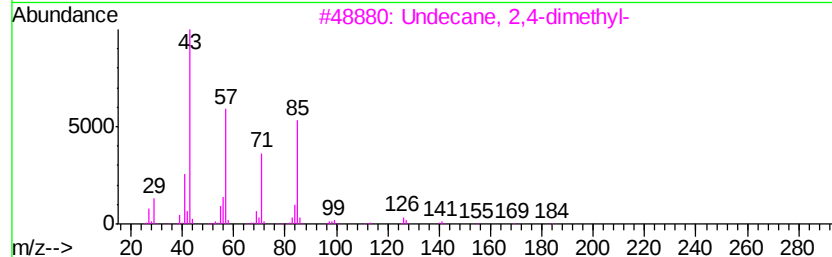
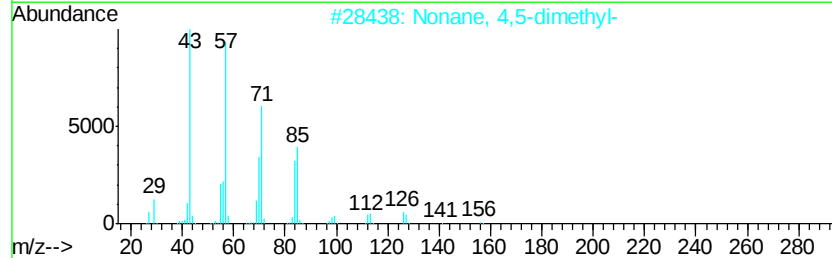
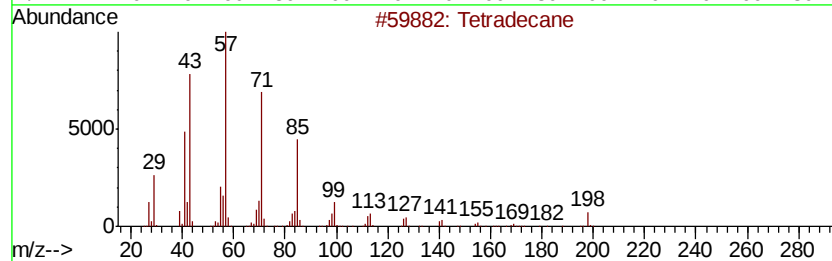
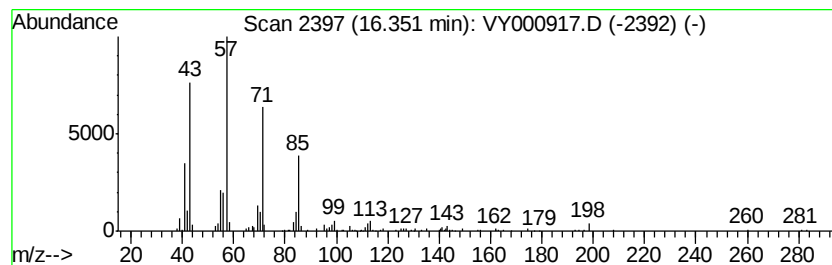
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260

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

 Peak Number 7 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	5.81 ug/l	123771	1,4-Dichlorobenzene-d4	13.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	86
2		Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	72
3		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	72
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	58



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_Y\DATA\VY120919\
Data File : VY000917.D
Acq On : 09 Dec 2019 17:11
Operator : SY/MD
Sample : K6204-03
Misc : 6.00G/5ML/MSV0A_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :
K072-AA-SB-3

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_Y\METHODS\82Y112719S.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
Cyclohexane, 1,1,...	12.64	7.1	ug/l	150535	4	13.42	1065750	50.0
2-Decene, 4-methy...	12.75	12.4	ug/l	264931	4	13.42	1065750	50.0
unknown12.81	12.81	9.1	ug/l	194118	4	13.42	1065750	50.0
Naphthalene, deca...	13.74	7.1	ug/l	152266	4	13.42	1065750	50.0
Sulfurous acid, 2...	15.21	5.9	ug/l	125113	4	13.42	1065750	50.0
Tridecane	15.43	7.3	ug/l	155899	4	13.42	1065750	50.0
Tetradecane	16.35	5.8	ug/l	123771	4	13.42	1065750	50.0