

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
 Data File : VY001457.D
 Acq On : 31 Jan 2020 15:53
 Operator : SY/MD
 Sample : L1351-01
 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TAL-1

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\82Y012120S.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	4.755	485	495	510	rBV3	13050	43214	4.74%	0.528%
2	7.023	853	867	878	rBV	14505	43314	4.75%	0.529%
3	7.748	976	986	992	rBV	122152	284528	31.23%	3.475%
4	7.822	992	998	1009	rVB	202240	455534	49.99%	5.564%
5	8.169	1043	1055	1065	rBV2	124668	280471	30.78%	3.426%
6	8.712	1134	1144	1154	rVB	340452	662021	72.66%	8.086%
7	10.193	1379	1387	1394	rBV	535647	911166	100.00%	11.129%
8	10.589	1446	1452	1460	rBV2	13991	24969	2.74%	0.305%
9	10.730	1469	1475	1480	rVB5	7608	13809	1.52%	0.169%
10	10.955	1506	1512	1520	rBV2	15916	25880	2.84%	0.316%
11	11.327	1559	1573	1578	rVB8	8089	23243	2.55%	0.284%
12	11.498	1593	1601	1609	rBV	493870	802225	88.04%	9.799%
13	11.711	1627	1636	1640	rBV3	17682	41408	4.54%	0.506%
14	11.748	1640	1642	1647	rVB4	9242	12481	1.37%	0.152%
15	12.016	1679	1686	1687	rBV4	11093	20702	2.27%	0.253%
16	12.126	1701	1704	1708	rVB2	10873	16572	1.82%	0.202%
17	12.211	1713	1718	1721	rVV4	10851	20705	2.27%	0.253%
18	12.254	1721	1725	1729	rVB4	11900	22180	2.43%	0.271%
19	12.339	1734	1739	1743	rBV3	7595	13910	1.53%	0.170%
20	12.492	1755	1764	1770	rBV2	372106	713534	78.31%	8.715%
21	12.583	1773	1779	1783	rBV6	9253	20299	2.23%	0.248%
22	12.644	1783	1789	1798	rVB5	35595	105609	11.59%	1.290%
23	12.741	1798	1805	1808	rBV3	37374	65879	7.23%	0.805%
24	12.815	1812	1817	1836	rVB4	103670	257056	28.21%	3.140%
25	12.979	1836	1844	1848	rBV3	26025	61580	6.76%	0.752%
26	13.046	1851	1855	1857	rBV3	37914	55657	6.11%	0.680%
27	13.077	1857	1860	1864	rVB	84308	111578	12.25%	1.363%
28	13.126	1864	1868	1873	rVB	80505	118451	13.00%	1.447%
29	13.187	1873	1878	1883	rVB	36434	56398	6.19%	0.689%
30	13.290	1884	1895	1899	rBV2	184135	350920	38.51%	4.286%
31	13.369	1904	1908	1911	rBV3	20255	30193	3.31%	0.369%
32	13.430	1911	1918	1923	rVV	432409	741374	81.37%	9.056%
33	13.485	1923	1927	1938	rVB3	195779	496953	54.54%	6.070%
34	13.601	1942	1946	1947	rBV	16377	18609	2.04%	0.227%

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Integration Parameters: RTEINT.P

Integrator: RTE
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35	13.656	1947	1955	1966	rVB5	67814	238018	26.12%	2.907%
36	13.760	1966	1972	1975	rBV4	47497	76759	8.42%	0.938%
37	13.833	1980	1984	1989	rVB3	36426	59346	6.51%	0.725%
38	13.888	1990	1993	1996	rBV	15668	22185	2.43%	0.271%
39	13.924	1996	1999	2003	rVV	26687	33909	3.72%	0.414%
40	13.979	2003	2008	2013	rVV3	40503	62781	6.89%	0.767%
41	14.083	2020	2025	2030	rBV2	41290	65735	7.21%	0.803%
42	14.138	2030	2034	2042	rBV7	17152	45500	4.99%	0.556%
43	14.223	2042	2048	2052	rBV3	18142	33848	3.71%	0.413%
44	14.272	2052	2056	2057	rBV4	9341	14010	1.54%	0.171%
45	14.296	2058	2060	2064	rVB2	11792	16398	1.80%	0.200%
46	14.339	2064	2067	2071	rVB	20964	28165	3.09%	0.344%
47	14.387	2071	2075	2079	rBV3	44169	75602	8.30%	0.923%
48	14.528	2094	2098	2101	rBV3	12566	21029	2.31%	0.257%
49	14.576	2101	2106	2111	rVV6	21058	47652	5.23%	0.582%
50	14.619	2111	2113	2118	rVB5	13493	16093	1.77%	0.197%
51	14.680	2118	2123	2129	rBV2	34921	75177	8.25%	0.918%
52	14.741	2129	2133	2139	rVB4	17143	34618	3.80%	0.423%
53	14.839	2139	2149	2154	rBV8	10730	29964	3.29%	0.366%
54	14.948	2164	2167	2171	rBV5	9450	14557	1.60%	0.178%
55	15.058	2181	2185	2189	rVB3	9604	17475	1.92%	0.213%
56	15.150	2196	2200	2206	rBV8	6140	9710	1.07%	0.119%
57	15.241	2207	2215	2220	rBV2	47286	99053	10.87%	1.210%
58	15.320	2226	2228	2239	rVB6	8898	19409	2.13%	0.237%
59	15.546	2257	2265	2270	rBV6	5882	20130	2.21%	0.246%
60	16.034	2340	2345	2351	rBV8	6246	12818	1.41%	0.157%
61	16.302	2383	2389	2394	rVB2	14081	25925	2.85%	0.317%
62	16.491	2415	2420	2426	rBV4	12467	26374	2.89%	0.322%
63	16.771	2455	2466	2472	rBV9	6594	22331	2.45%	0.273%

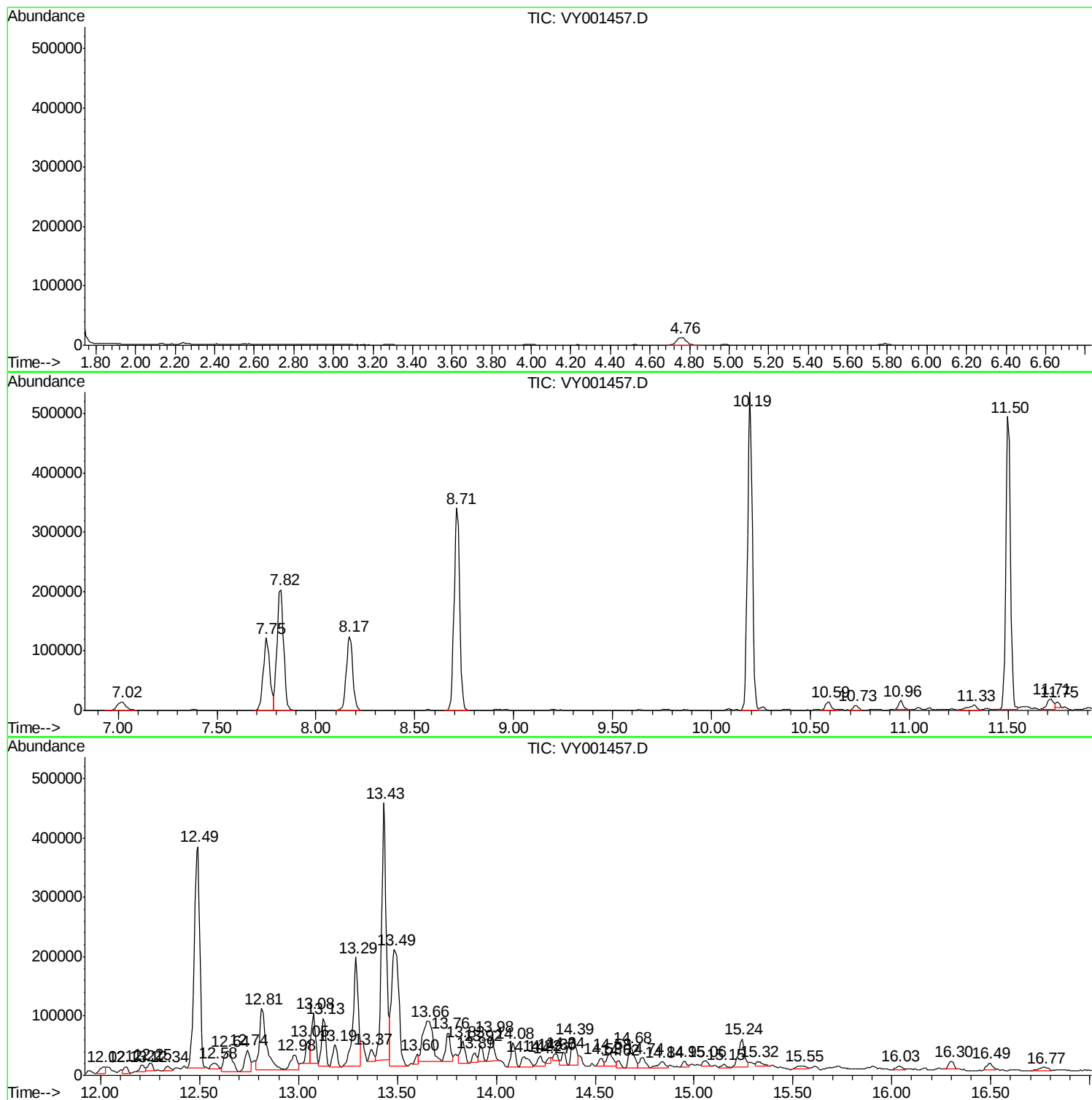
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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



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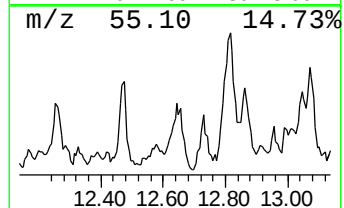
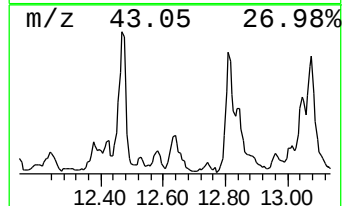
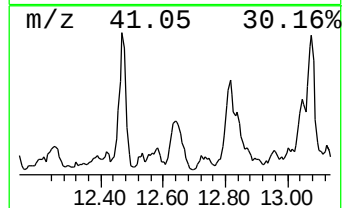
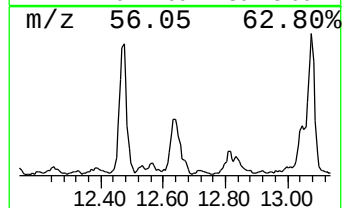
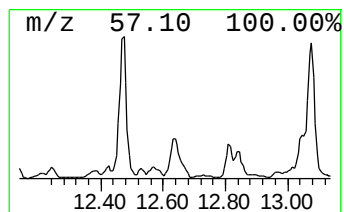
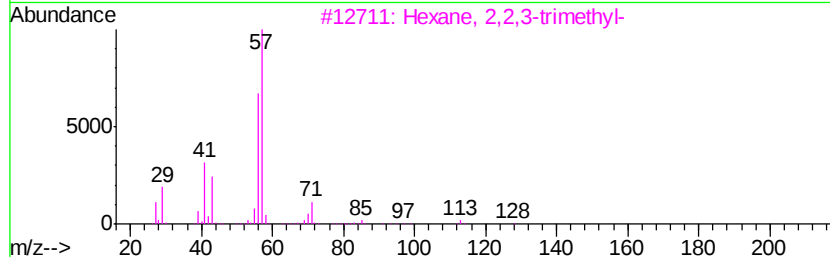
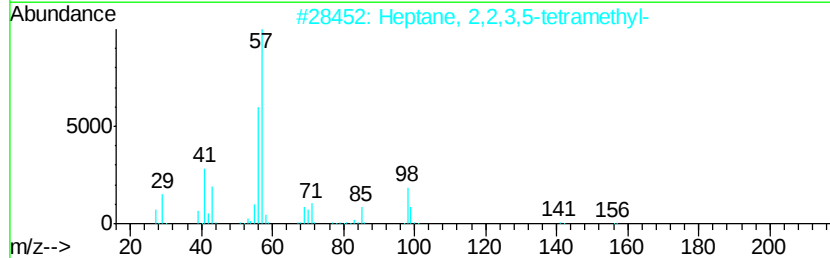
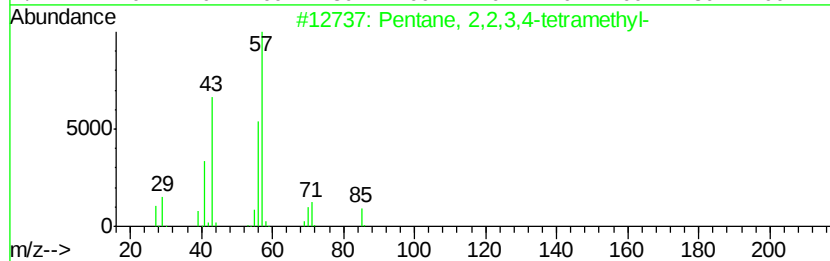
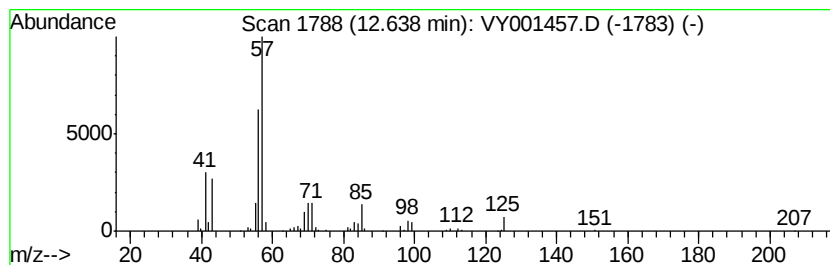
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	7.12 ug/l	105609	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53
2		Heptane, 2,2,3,5-tetramethyl-	156	C11H24	061868-42-6	50
3		Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	47
4		2,2,6,6-Tetramethylheptane	156	C11H24	040117-45-1	47
5		Decane, 5-methyl-6-methylene-	168	C12H24	075029-95-7	47



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Misc : 4.99G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

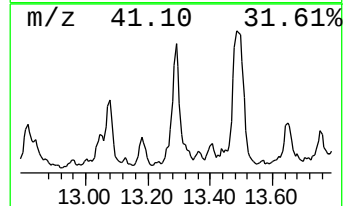
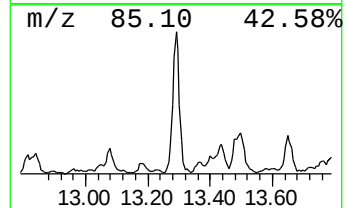
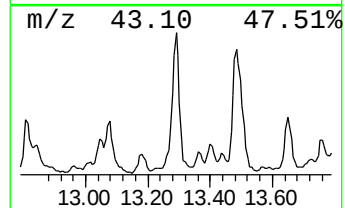
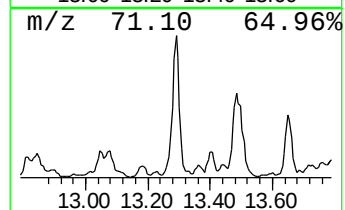
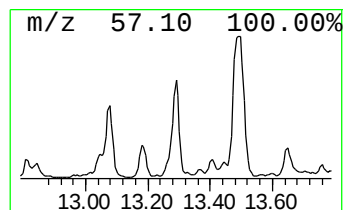
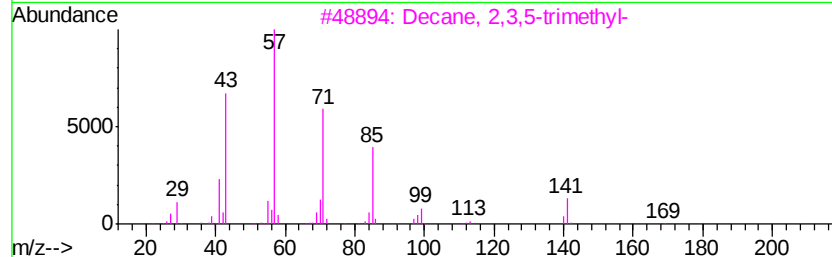
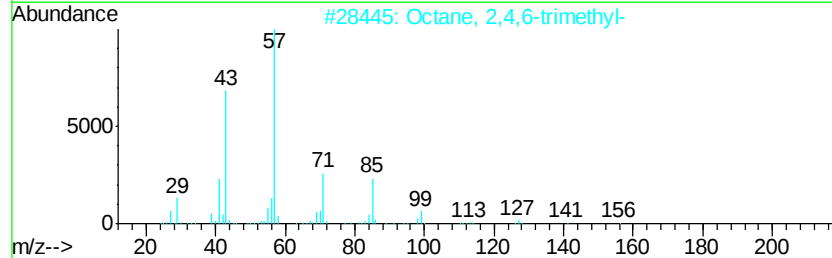
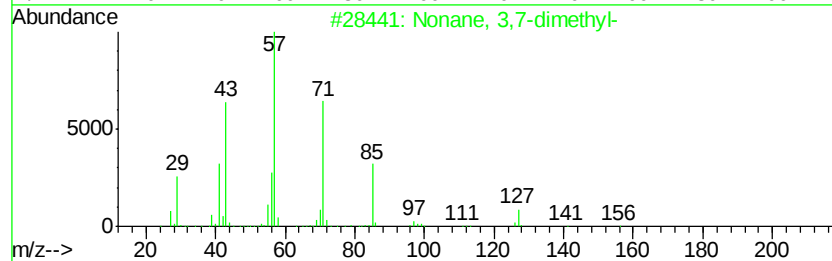
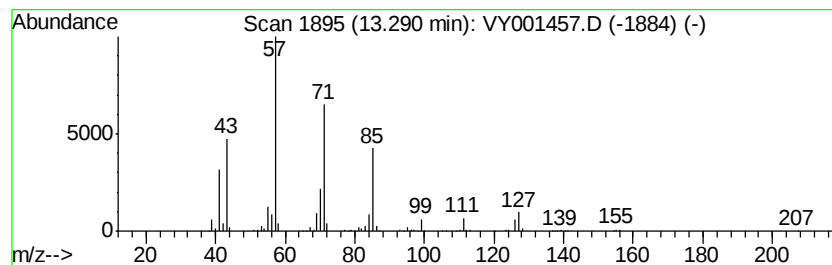
Instrument :
MSVOA_Y
ClientSampleId :
TAL-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	23.67 ug/l	350920	1,4-Dichlorobenzene-d4	13.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 3,7-dimethyl-	156 C11H24	017302-32-8	72
2	Octane, 2,4,6-trimethyl-	156 C11H24	062016-37-9	64
3	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	64
4	Decane, 2,3,8-trimethyl-	184 C13H28	062238-14-6	64
5	Sulfurous acid, 2-ethylhexyl iso...	278 C14H30O3S	1000309-19-0	53



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 Misc : 4.99G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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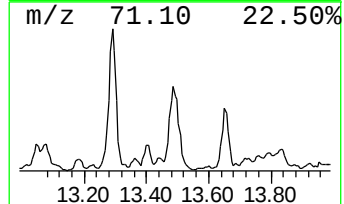
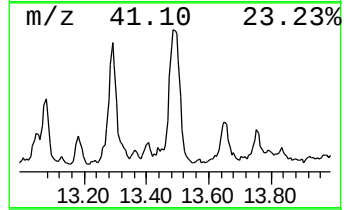
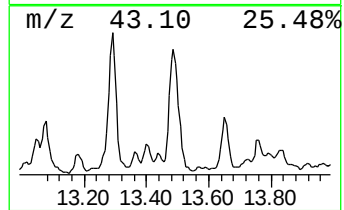
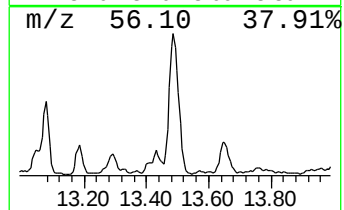
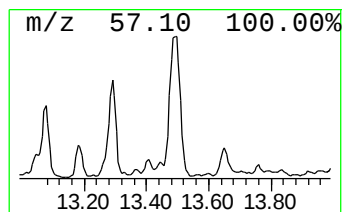
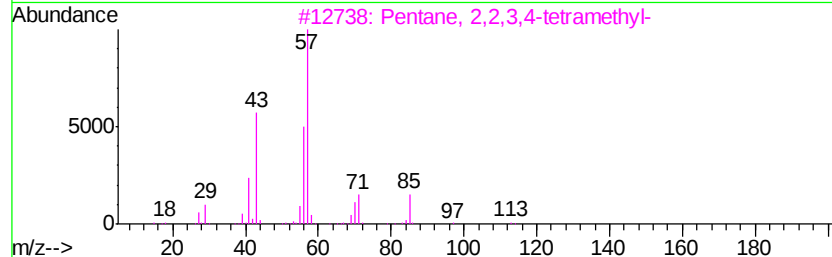
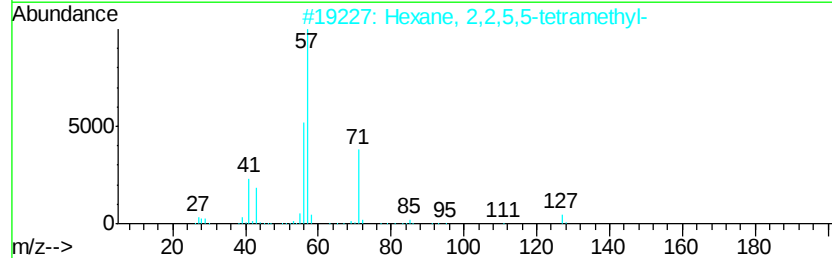
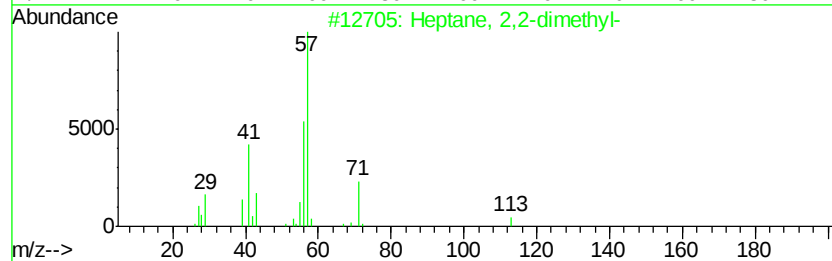
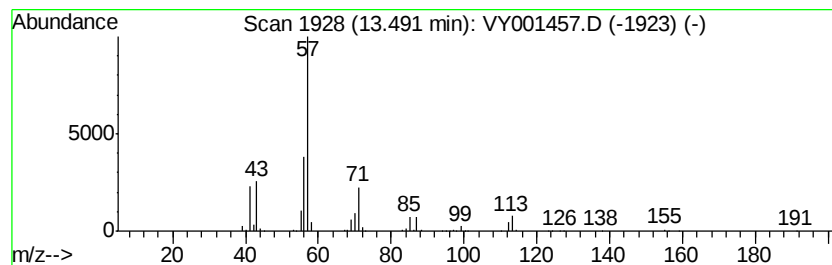
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 3 Heptane, 2,2-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	33.52 ug/l	496953	1,4-Dichlorobenzene-d4	13.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
2			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
3			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	47
4			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	47
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43



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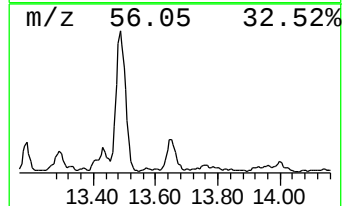
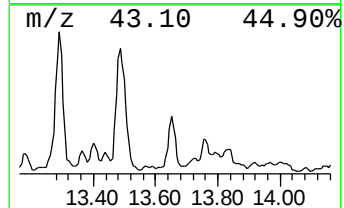
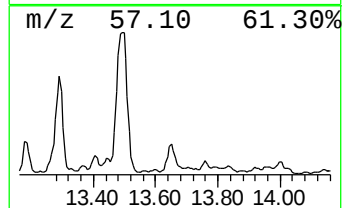
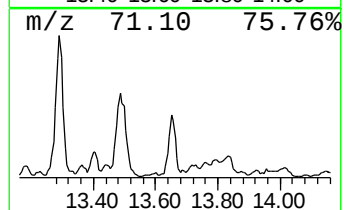
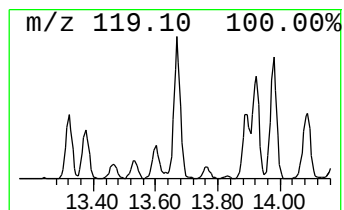
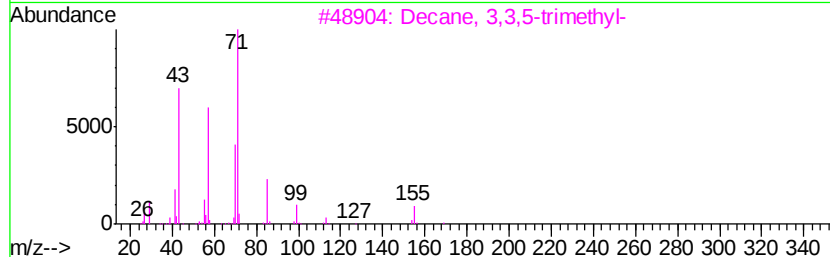
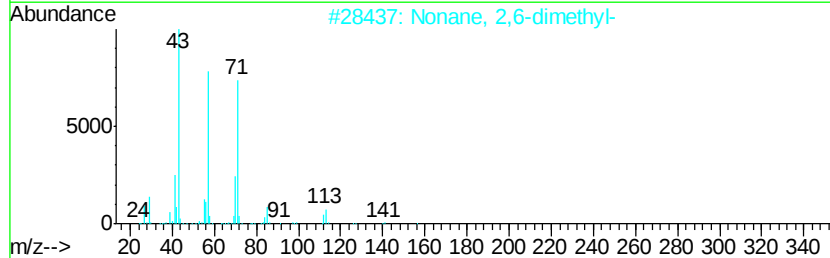
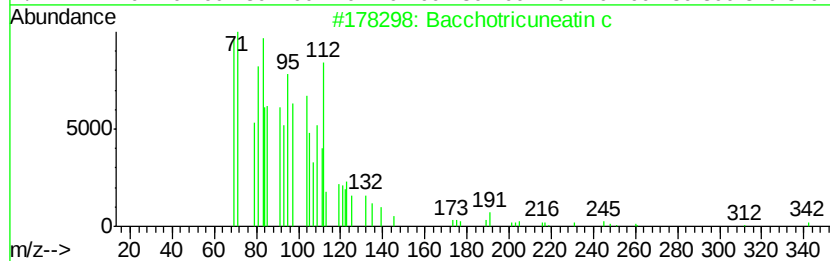
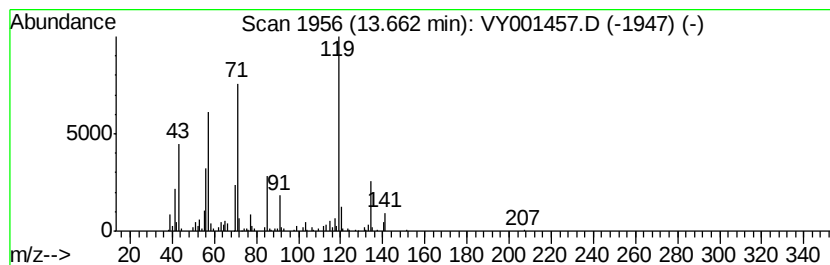
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown13.66 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	16.05 ug/l	238018	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	47
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	47
3		Decane, 3,3,5-trimethyl-	184	C13H28	062338-13-0	47
4		Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	47
5		Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	43



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ClientSampleId :
TAL-1

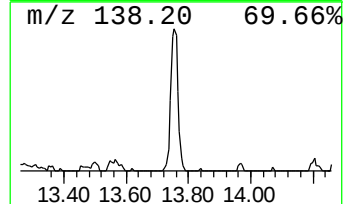
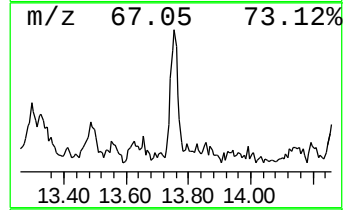
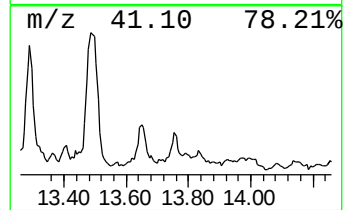
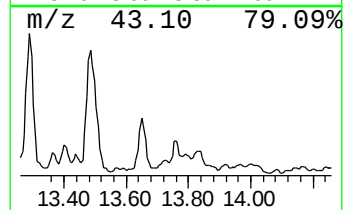
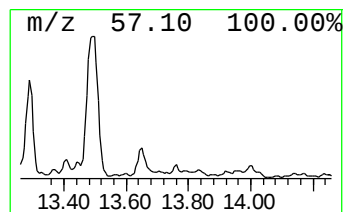
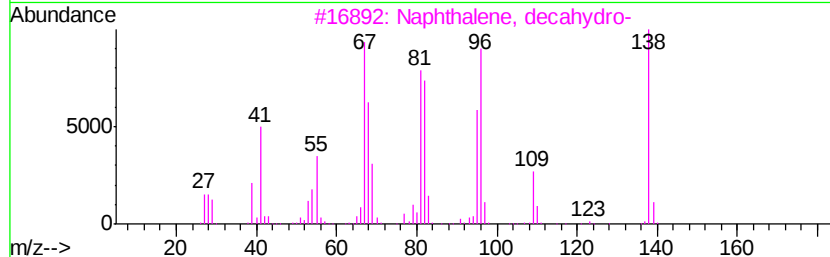
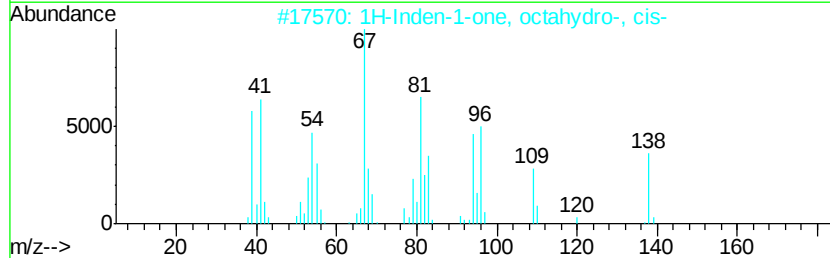
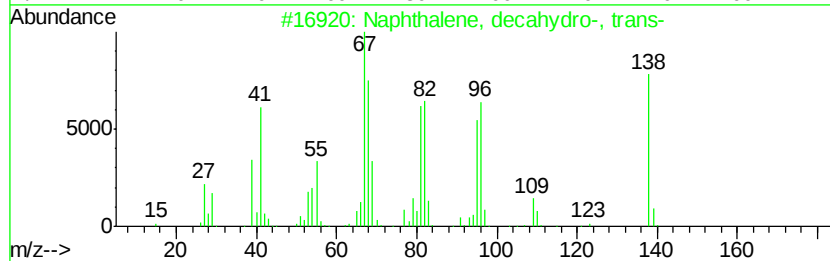
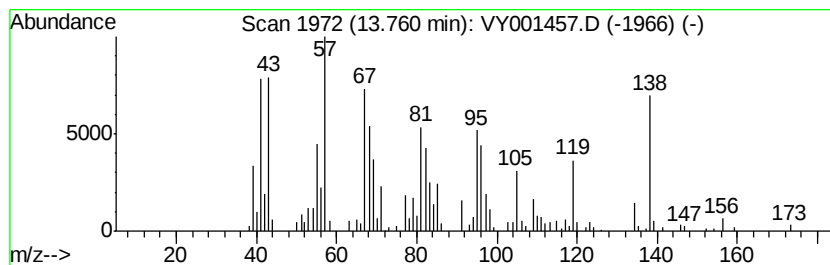
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, decahydro-, tr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	5.18 ug/l	76759	1,4-Dichlorobenzene-d4	13.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	89
2		1H-Inden-1-one, octahydro-, cis-	138	C9H14O	002826-65-5	49
3		Naphthalene, decahydro-	138	C10H18	000091-17-8	49
4		Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	002778-68-9	46
5		Cyclohexanone, 2-(1-methylethyl)...	138	C9H14O	013747-73-4	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
Data File : VY001457.D
Acq On : 31 Jan 2020 15:53
Operator : SY/MD
Sample : L1351-01
Misc : 4.99G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

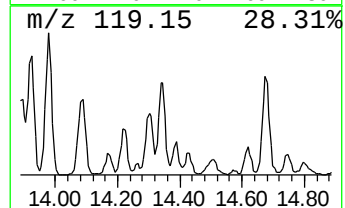
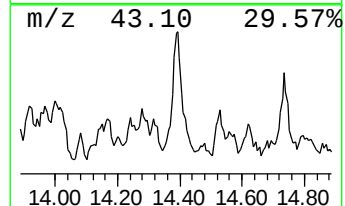
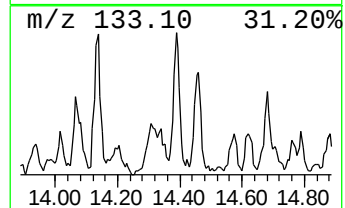
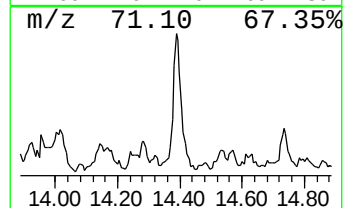
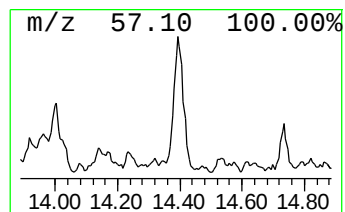
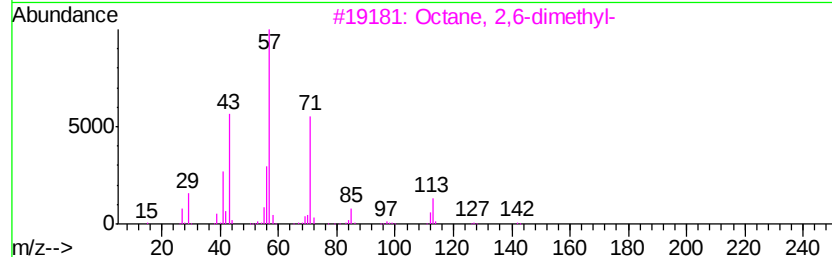
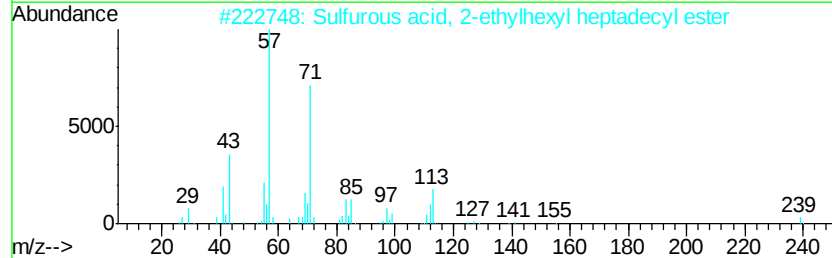
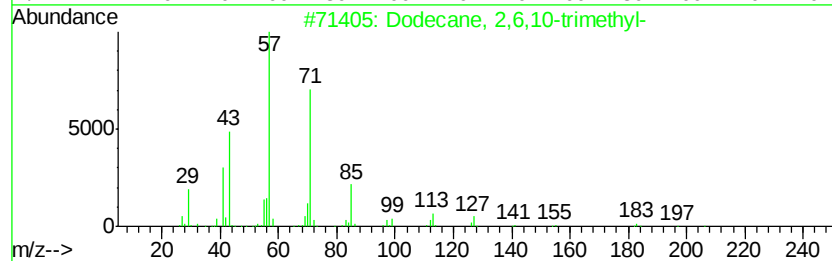
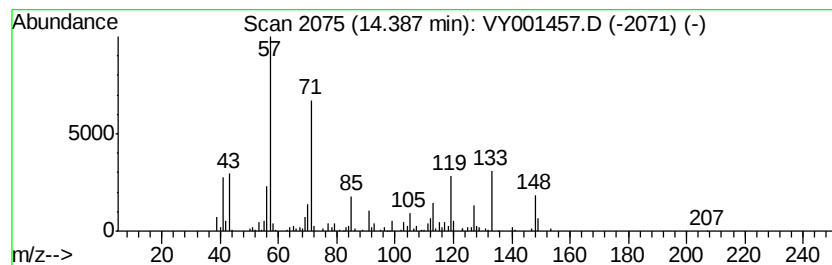
Instrument :
MSVOA_Y
ClientSampleId :
TAL-1

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown14.39 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.39	5.10 ug/l	75602	1,4-Dichlorobenzene-d4	13.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
2	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	43
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	38
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY013120\
Data File : VY001457.D
Acq On : 31 Jan 2020 15:53
Operator : SY/MD
Sample : L1351-01
Misc : 4.99G/5ML/MSVOA Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TAL-1

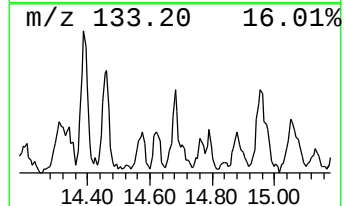
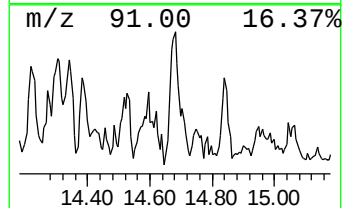
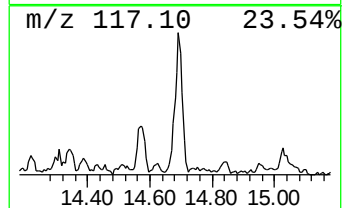
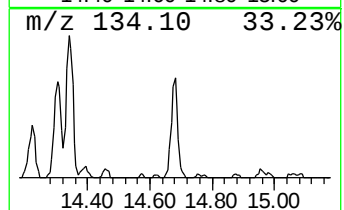
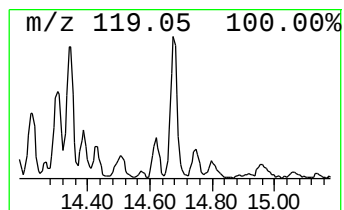
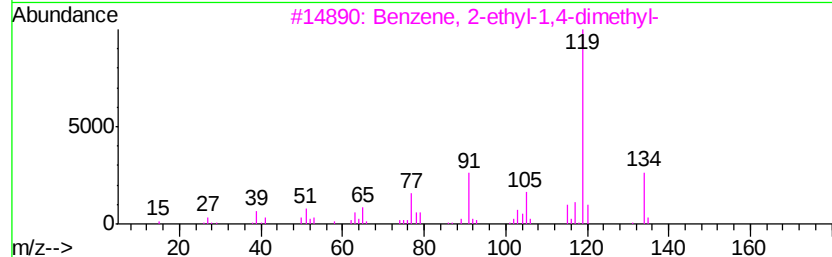
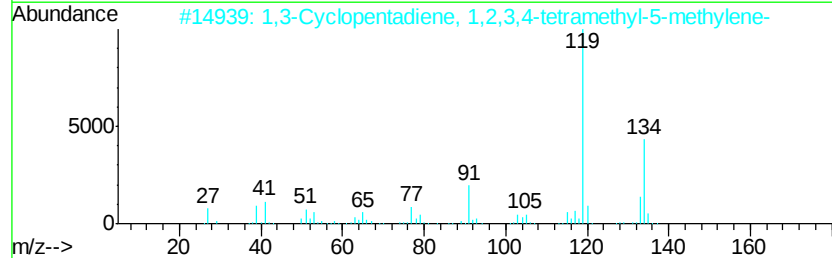
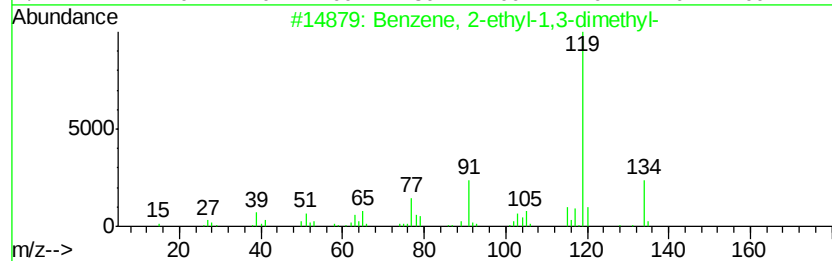
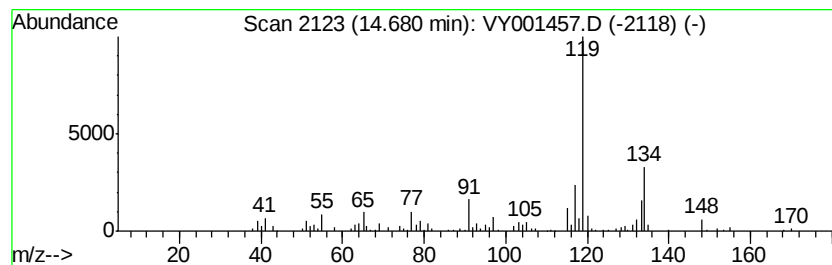
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	5.07 ug/l	75177	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	92
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	76
3		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
4		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	70
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY013120\
Data File : VY001457.D
Acq On : 31 Jan 2020 15:53
Operator : SY/MD
Sample : L1351-01
Misc : 4.99G/5ML/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TAL-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.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
Pentane, 2,2,3,4-...	12.64	7.1	ug/l	105609	4	13.43	741374	50.0
Nonane, 3,7-dimet...	13.29	23.7	ug/l	350920	4	13.43	741374	50.0
Heptane, 2,2-dime...	13.49	33.5	ug/l	496953	4	13.43	741374	50.0
unknown13.66	13.66	16.1	ug/l	238018	4	13.43	741374	50.0
Naphthalene, deca...	13.76	5.2	ug/l	76759	4	13.43	741374	50.0
unknown14.39	14.39	5.1	ug/l	75602	4	13.43	741374	50.0
Benzene, 2-ethyl-...	14.68	5.1	ug/l	75177	4	13.43	741374	50.0