

Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY011720\
 Data File : VY001276.D
 Acq On : 17 Jan 2020 19:24
 Operator : SY/MD
 Sample : L1171-01
 Misc : 6.47G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BW-1A-20.0

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\82Y011020S.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	4.761	482	496	510	rBV2	31200	101667	8.32%	0.965%
2	5.797	655	666	676	rBV2	9082	26802	2.19%	0.254%
3	7.029	856	868	880	rBV	22280	63809	5.22%	0.606%
4	7.760	976	988	993	rBV	156774	378461	30.96%	3.593%
5	7.828	993	999	1010	rVB	280617	621819	50.87%	5.904%
6	8.181	1042	1057	1070	rBV	171145	392073	32.07%	3.722%
7	8.724	1137	1146	1157	rVB	453374	891382	72.92%	8.463%
8	10.205	1381	1389	1396	rBV	704610	1222396	100.00%	11.605%
9	10.601	1447	1454	1459	rBV2	30225	51574	4.22%	0.490%
10	10.967	1502	1514	1523	rBV	25489	57741	4.72%	0.548%
11	11.107	1532	1537	1544	rVB2	13115	23142	1.89%	0.220%
12	11.333	1567	1574	1580	rVB3	15692	37589	3.08%	0.357%
13	11.510	1595	1603	1613	rBV	673713	1089744	89.15%	10.346%
14	11.644	1621	1625	1628	rBV2	9225	12532	1.03%	0.119%
15	11.705	1629	1635	1637	rVV6	9800	21374	1.75%	0.203%
16	11.754	1639	1643	1647	rVV2	18285	33131	2.71%	0.315%
17	11.796	1647	1650	1655	rVB3	15537	22968	1.88%	0.218%
18	11.857	1655	1660	1664	rBV4	11559	21631	1.77%	0.205%
19	11.943	1671	1674	1679	rVB3	9890	16549	1.35%	0.157%
20	12.022	1679	1687	1693	rBV4	50970	115676	9.46%	1.098%
21	12.107	1698	1701	1709	rVB6	20532	43210	3.53%	0.410%
22	12.217	1709	1719	1721	rBV5	54289	114458	9.36%	1.087%
23	12.247	1721	1724	1730	rVB3	73980	130012	10.64%	1.234%
24	12.339	1735	1739	1741	rVV2	29629	54553	4.46%	0.518%
25	12.388	1743	1747	1754	rVB4	48825	99618	8.15%	0.946%
26	12.497	1759	1765	1771	rBV	578976	924957	75.67%	8.782%
27	12.589	1771	1780	1782	rBV7	25777	59432	4.86%	0.564%
28	12.656	1787	1791	1798	rVB	94041	172700	14.13%	1.640%
29	12.741	1798	1805	1809	rBV3	51579	118218	9.67%	1.122%
30	12.821	1810	1818	1823	rBV4	105453	264953	21.67%	2.515%
31	12.869	1823	1826	1832	rVB3	69758	117168	9.59%	1.112%
32	12.930	1832	1836	1837	rBV3	18452	26120	2.14%	0.248%
33	12.961	1837	1841	1845	rBV3	55693	76520	6.26%	0.726%
34	13.016	1845	1850	1852	rBV3	33937	67836	5.55%	0.644%

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Instrument :
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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

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35	13.052	1852	1856	1862	rVB2	79727	131557	10.76%	1.249%
36	13.180	1873	1877	1882	rBV4	44572	70088	5.73%	0.665%
37	13.235	1882	1886	1888	rBV	52228	73993	6.05%	0.702%
38	13.333	1894	1902	1906	rBV4	142629	302831	24.77%	2.875%
39	13.436	1913	1919	1925	rBV	704586	1086260	88.86%	10.313%
40	13.577	1938	1942	1947	rBV4	38197	63021	5.16%	0.598%
41	13.705	1958	1963	1965	rBV5	13929	28826	2.36%	0.274%
42	13.759	1966	1972	1977	rVV2	174464	318227	26.03%	3.021%
43	13.802	1977	1979	1983	rVV4	51501	68753	5.62%	0.653%
44	13.863	1984	1989	1998	rVV5	47312	124450	10.18%	1.182%
45	14.022	2013	2015	2020	rVB4	29140	37227	3.05%	0.353%
46	14.083	2021	2025	2031	rVV7	34124	63122	5.16%	0.599%
47	14.150	2032	2036	2042	rVV7	31207	57260	4.68%	0.544%
48	14.204	2042	2045	2049	rVV6	19378	28428	2.33%	0.270%
49	14.272	2050	2056	2066	rVB6	113852	252434	20.65%	2.397%
50	14.387	2072	2075	2078	rVB5	12240	15406	1.26%	0.146%
51	14.430	2078	2082	2087	rBV2	63829	92107	7.53%	0.874%
52	14.625	2111	2114	2117	rBV4	12657	18978	1.55%	0.180%
53	14.692	2120	2125	2130	rVV4	32924	66723	5.46%	0.633%
54	14.747	2130	2134	2140	rVB4	35631	62739	5.13%	0.596%
55	14.954	2165	2168	2171	rVB3	17417	21973	1.80%	0.209%
56	15.058	2181	2185	2189	rVB5	13726	22527	1.84%	0.214%
57	15.223	2207	2212	2215	rBV3	13837	26376	2.16%	0.250%
58	15.320	2226	2228	2237	rVB	17804	27874	2.28%	0.265%

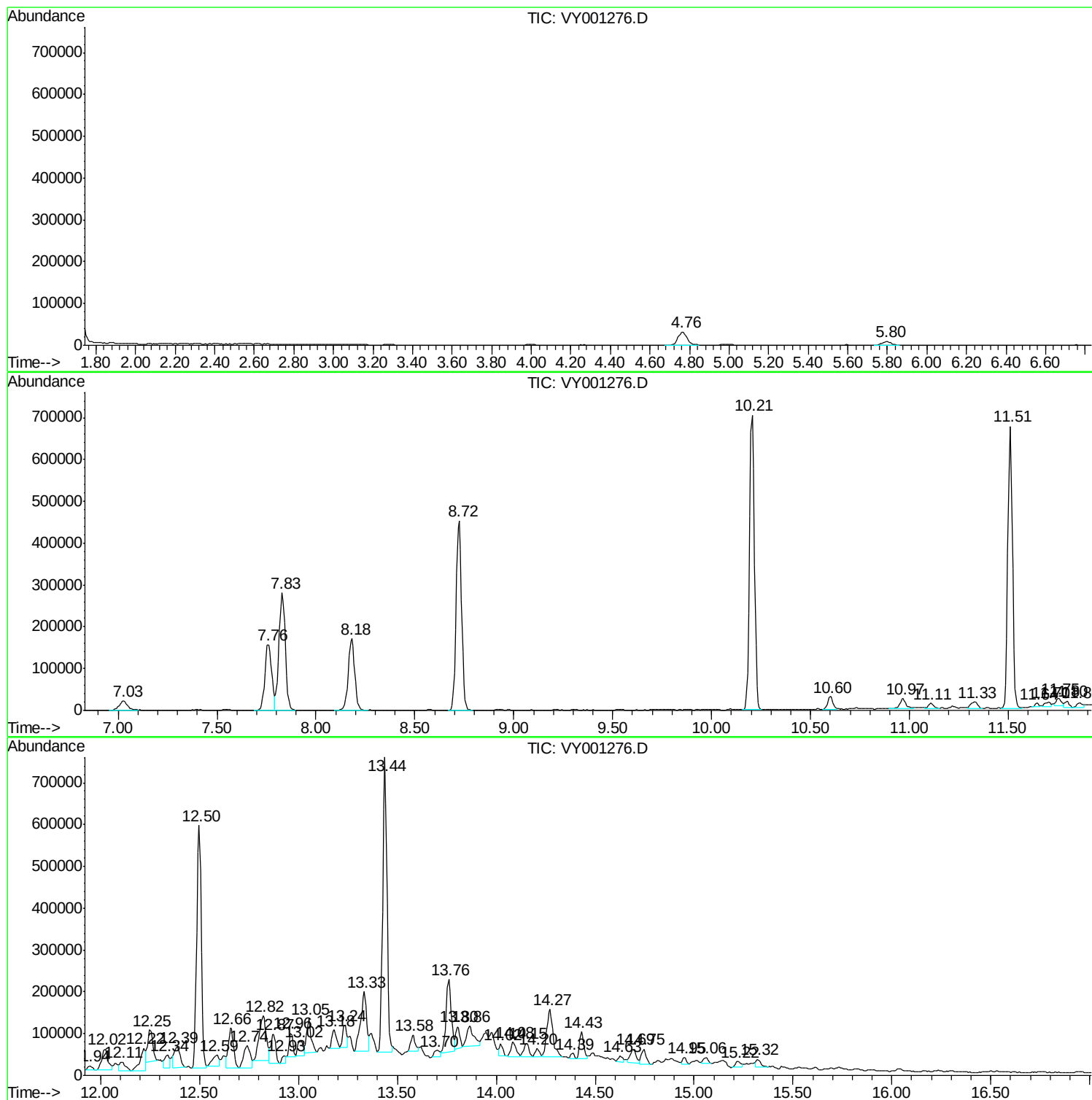
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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



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Operator : SY/MD
Sample : L1171-01
Misc : 6.47G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

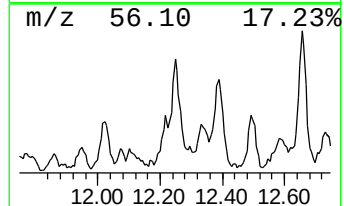
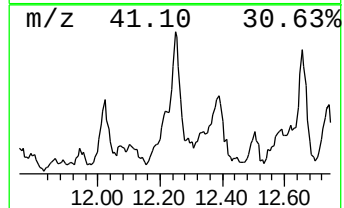
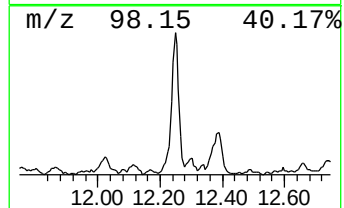
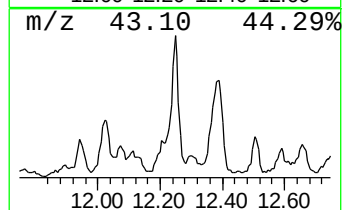
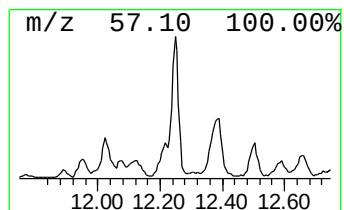
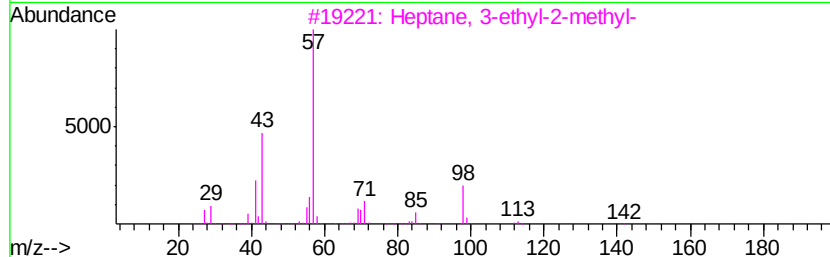
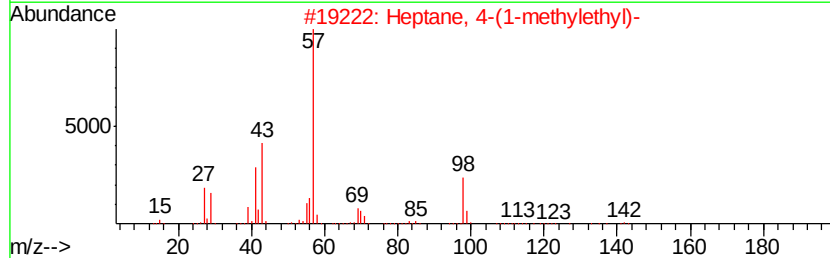
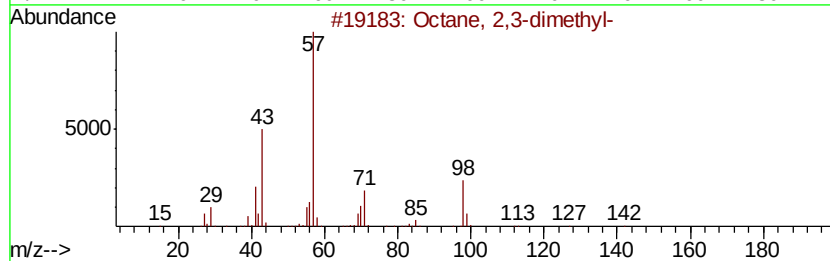
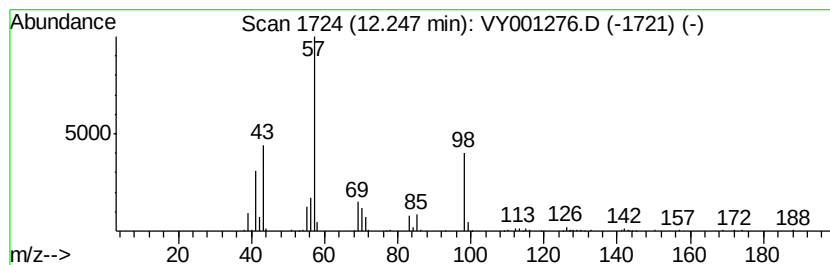
Instrument :
MSVOA_Y
ClientSampleId :
BW-1A-20.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.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 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.25	5.97 ug/l	130012	Chlorobenzene-d5	11.51		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	86	
2	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	72	
3	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	59	
4	Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	50	
5	Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	50	



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Misc : 6.47G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

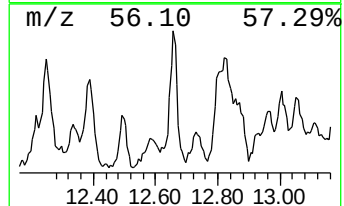
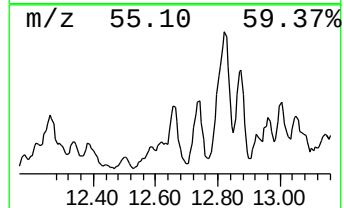
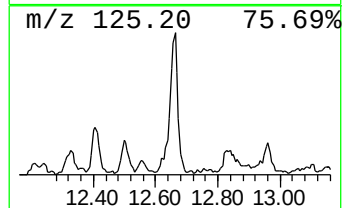
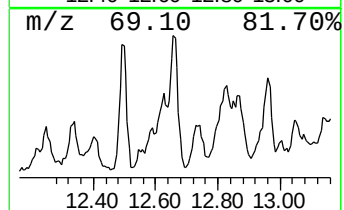
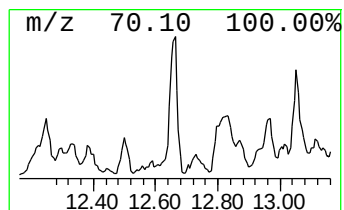
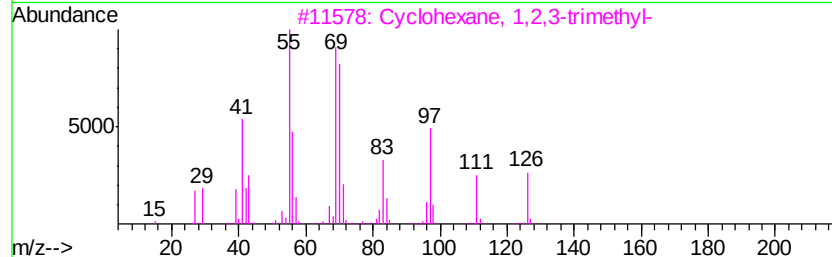
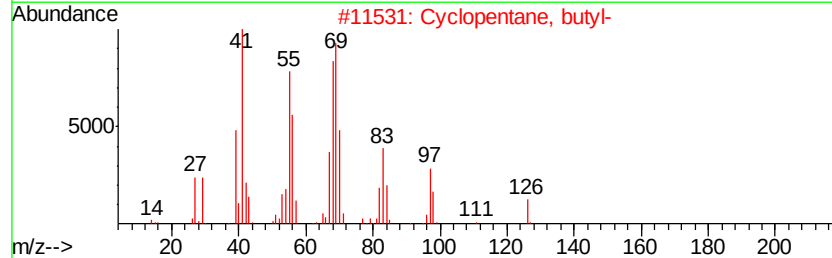
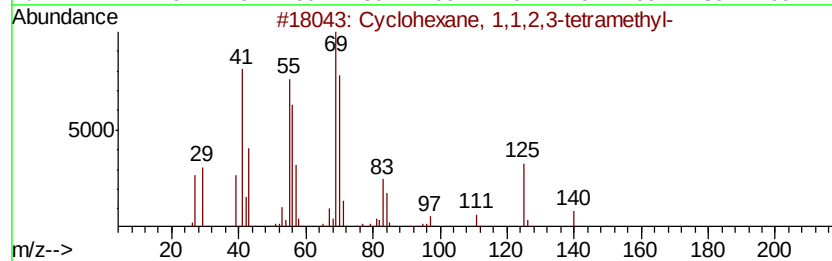
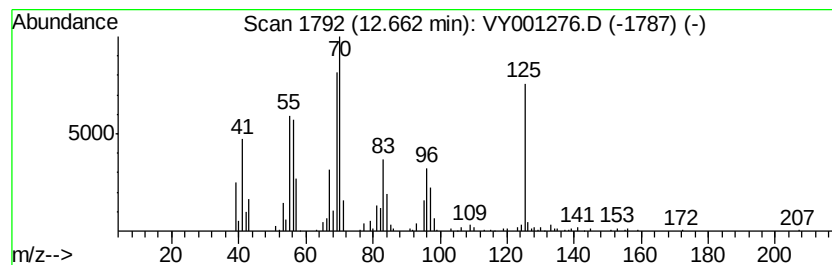
Instrument :
MSVOA_Y
ClientSampleId :
BW-1A-20.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	7.95 ug/l	172700	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,1,2,3-tetramethyl-	140 C10H20	006783-92-2 72
2		Cyclopentane, butyl-	126 C9H18	002040-95-1 60
3		Cyclohexane, 1,2,3-trimethyl-	126 C9H18	001678-97-3 50
4		Cyclooctane, methyl-	126 C9H18	001502-38-1 47
5		trans-1-Butyl-2-methylcyclopropane	112 C8H16	038851-70-6 43



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Operator : SY/MD
Sample : L1171-01
Misc : 6.47G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

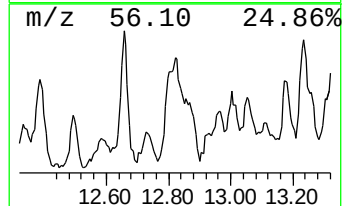
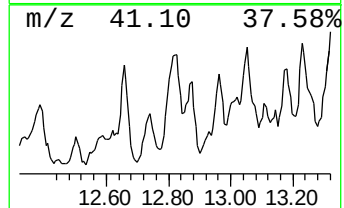
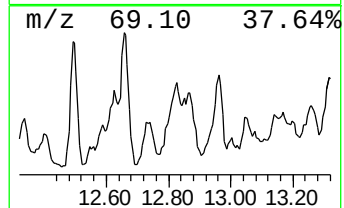
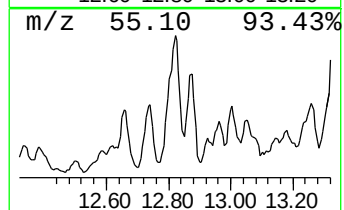
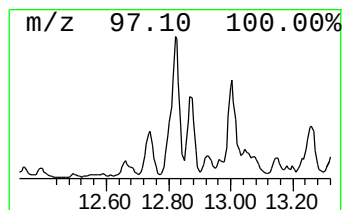
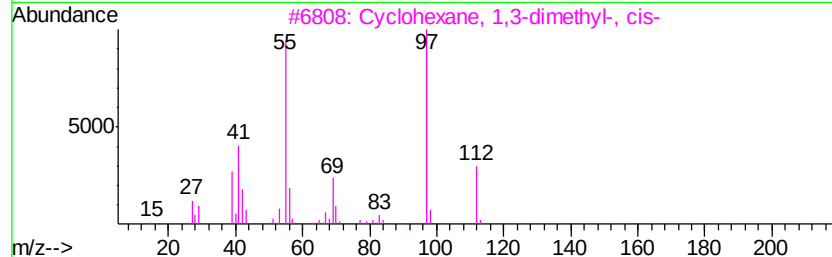
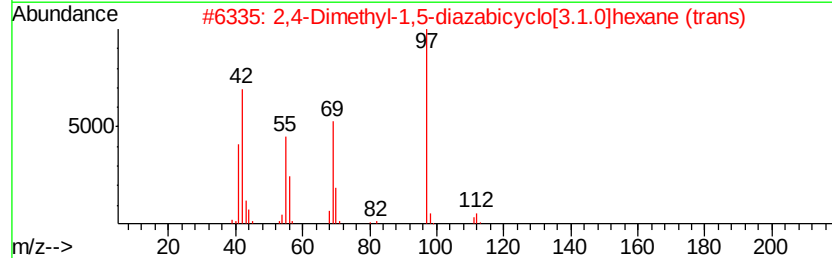
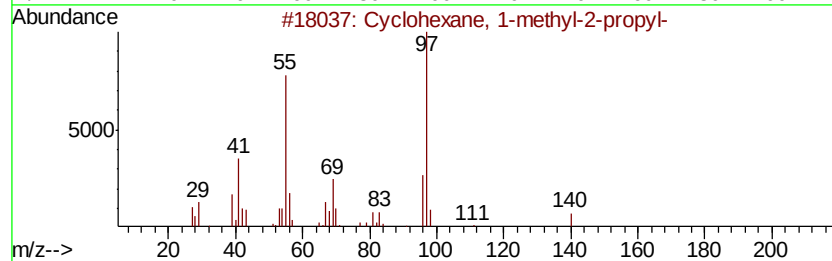
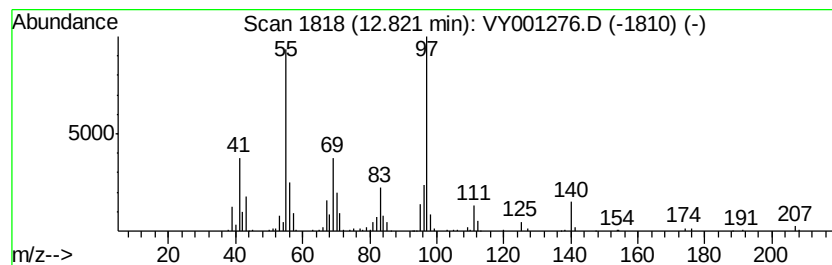
Instrument :
MSVOA_Y
ClientSampled :
BW-1A-20.0

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

Peak Number 5 Cyclohexane, 1-methyl-2-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	12.20 ug/l	264953	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1-methyl-2-propyl-	140 C10H20	004291-79-6 52
2		2,4-Dimethyl-1,5-diazabicyclo[3....	112 C6H12N2	1000283-20-9 49
3		Cyclohexane, 1,3-dimethyl-, cis-	112 C8H16	000638-04-0 43
4		Cyclohexane, 1-bromo-3-methyl-	176 C7H13Br	013905-48-1 38
5		5-Decene, (E)-	140 C10H20	007433-56-9 35



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Misc : 6.47G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

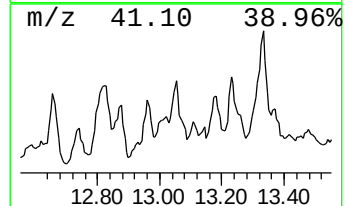
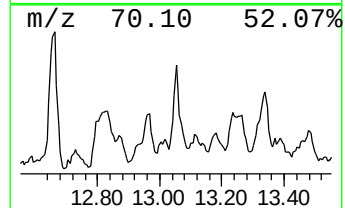
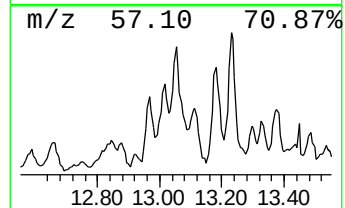
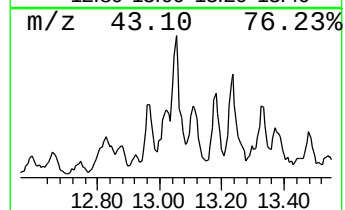
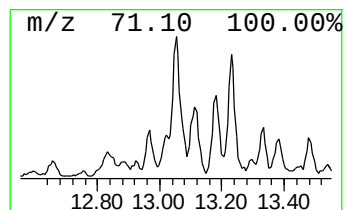
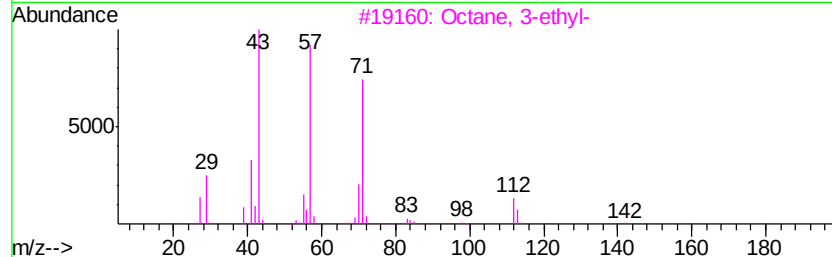
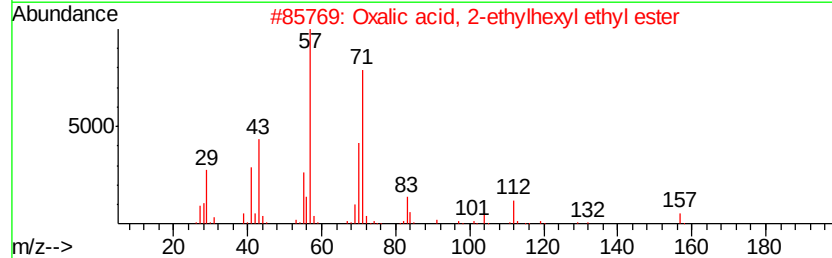
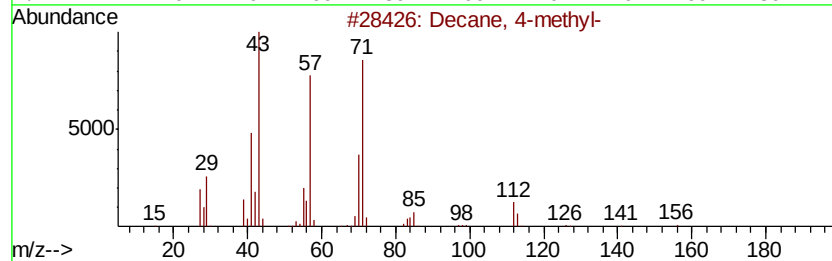
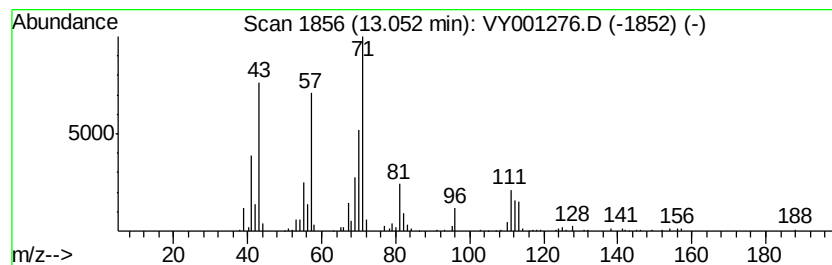
Instrument :
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Quant Title : SW846 8260

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

Peak Number 6 Decane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	6.06 ug/l	131557	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 4-methyl-	156 C11H24	002847-72-5	68
2	Oxalic acid, 2-ethylhexyl ethyl ...	230 C12H22O4	1000309-38-4	53
3	Octane, 3-ethyl-	142 C10H22	005881-17-4	49
4	Heptane, 3,3,5-trimethyl-	142 C10H22	007154-80-5	47
5	1-Hexene, 3,4,5-trimethyl-	126 C9H18	056728-10-0	47



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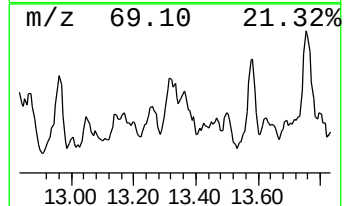
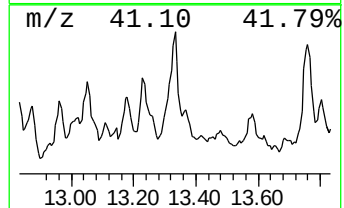
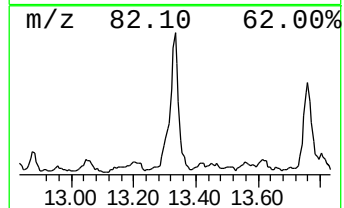
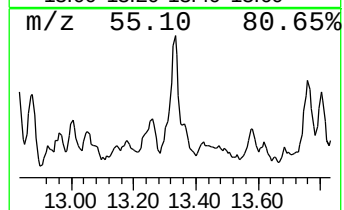
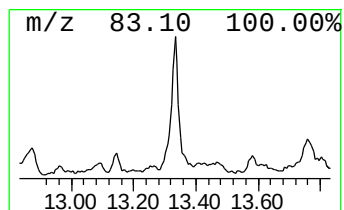
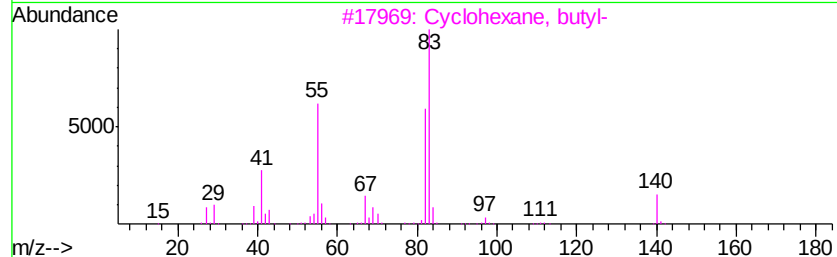
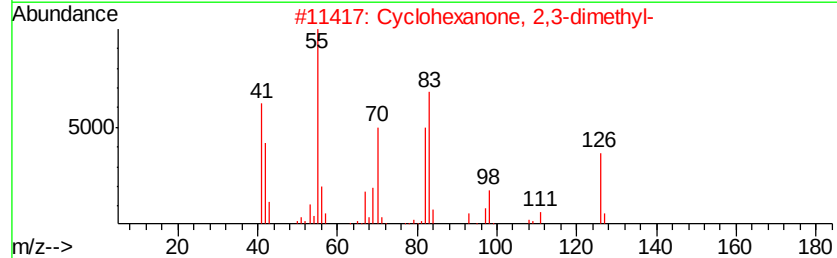
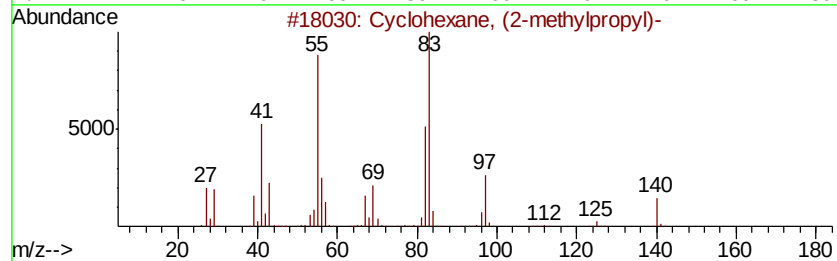
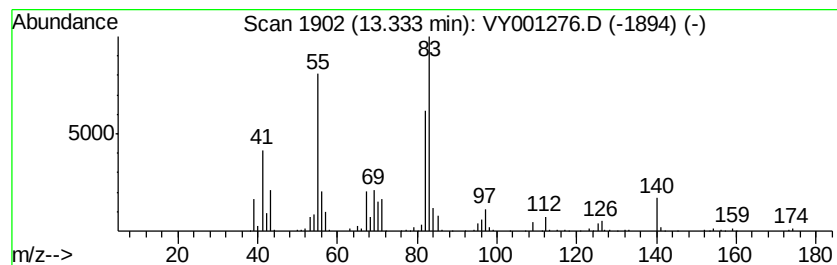
Instrument :
MSVOA_Y
ClientSampleId :
BW-1A-20.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, (2-methylpropyl)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.33	13.94 ug/l	302831	1,4-Dichlorobenzene-d4	13.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	87
2		Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	87
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	87
4		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY011720\
Data File : VY001276.D
Acq On : 17 Jan 2020 19:24
Operator : SY/MD
Sample : L1171-01
Misc : 6.47G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

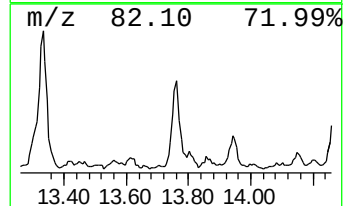
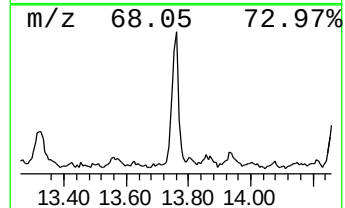
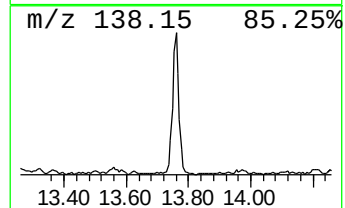
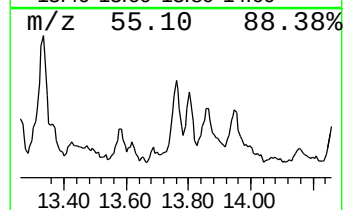
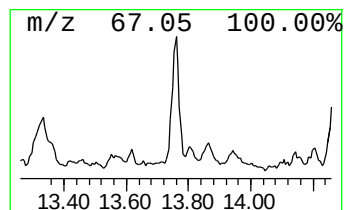
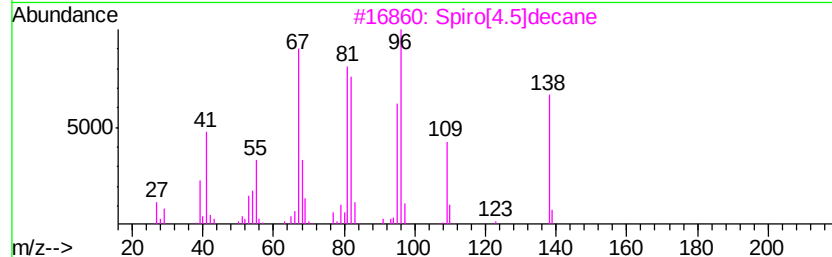
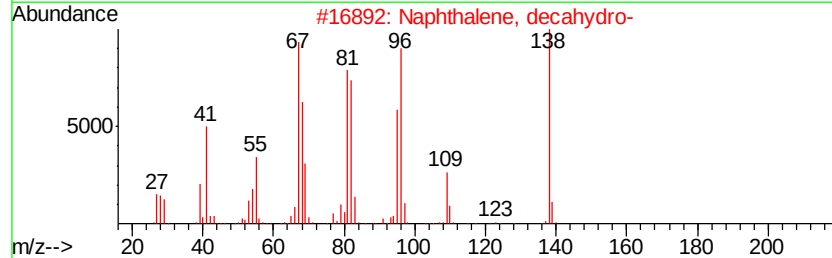
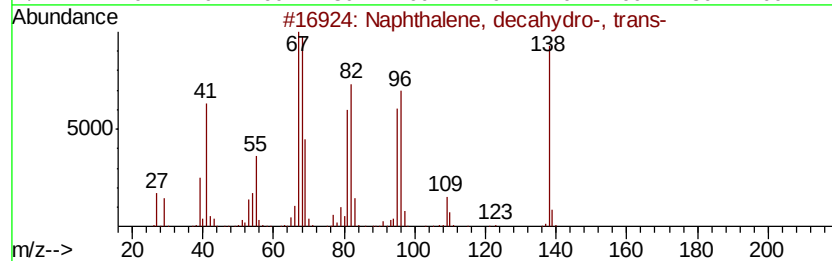
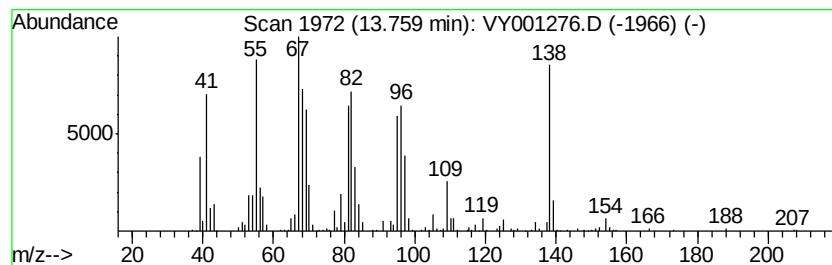
Instrument :
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ClientSampleId :
BW-1A-20.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, decahydro-, tr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	14.65 ug/l	318227	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, decahydro-, trans-	138 C10H18	000493-02-7 95
2		Naphthalene, decahydro-	138 C10H18	000091-17-8 93
3		Spiro[4.5]decane	138 C10H18	000176-63-6 76
4		Naphthalene, decahydro-, cis-	138 C10H18	000493-01-6 76
5		(Z)-Dec-4-enyl isobutyl carbonate	256 C15H28O3	1000372-79-2 64



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY011720\
Data File : VY001276.D
Acq On : 17 Jan 2020 19:24
Operator : SY/MD
Sample : L1171-01
Misc : 6.47G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

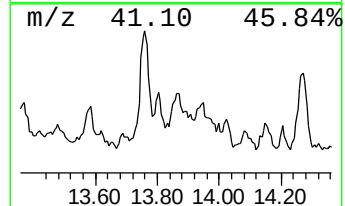
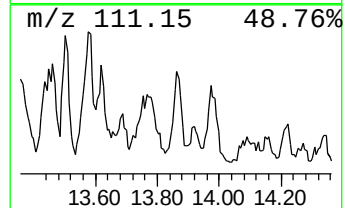
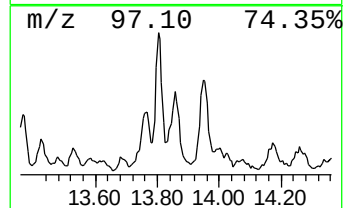
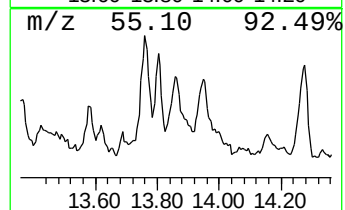
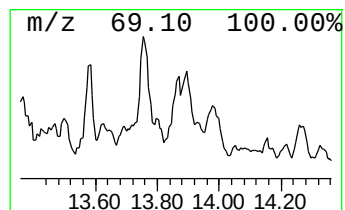
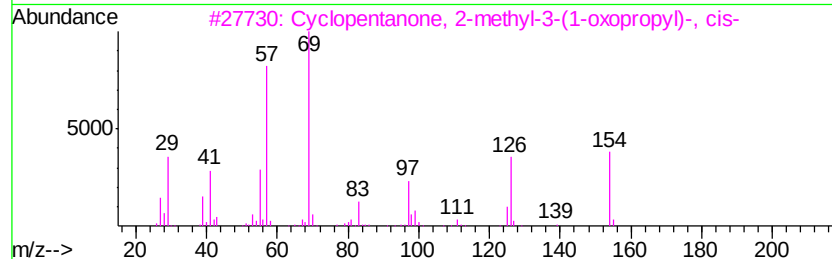
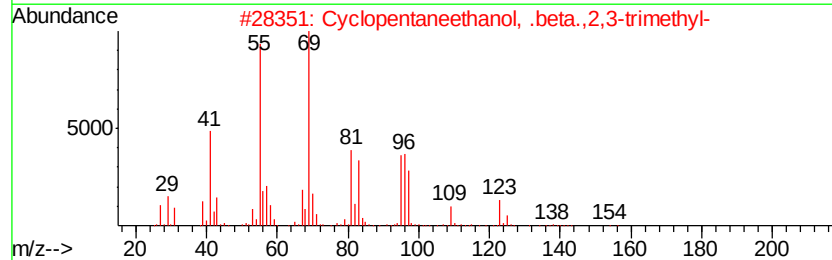
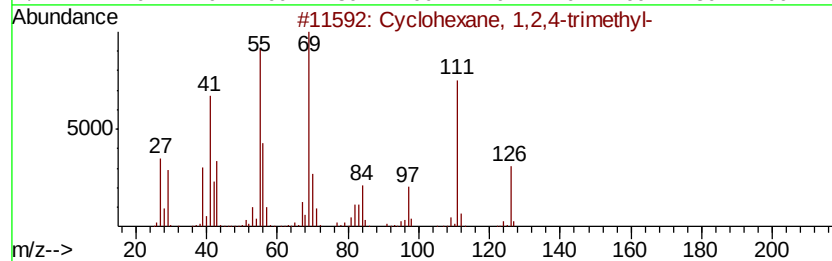
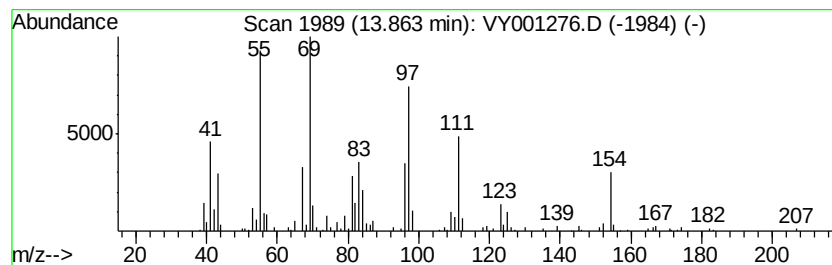
Instrument :
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ClientSampleId :
BW-1A-20.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 9 unknown13.86 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	5.73 ug/l	124450	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, 1,2,4-trimethyl-	126 C9H18	002234-75-5 38
2		Cyclopentaneethanol, .beta.,2,3-...	156 C10H20O	021721-18-6 38
3		Cyclopentanone, 2-methyl-3-(1-ox...	154 C9H14O2	079881-04-2 35
4		Triallylsilane	152 C9H16Si	001116-62-7 35
5		2-(1,5-Dimethyl-hexyl)-cyclobuta...	182 C12H22O	1000187-17-7 35



Data Path : Z:\voasrv\HPCHEM1\MSVOA Y\Data\VY011720\
Data File : VY001276.D
Acq On : 17 Jan 2020 19:24
Operator : SY/MD
Sample : L1171-01
Misc : 6.47G/5ML/MSVOA Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BW-1A-20.0

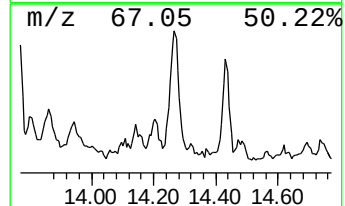
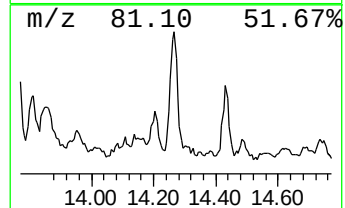
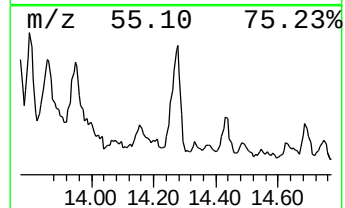
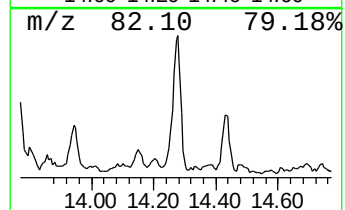
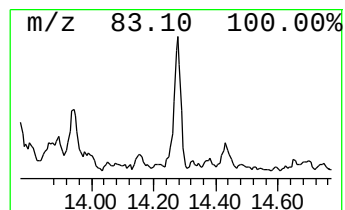
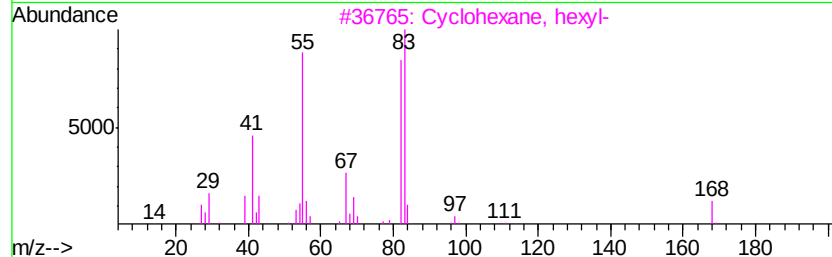
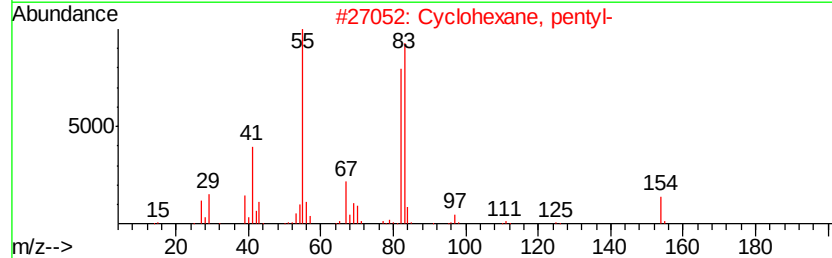
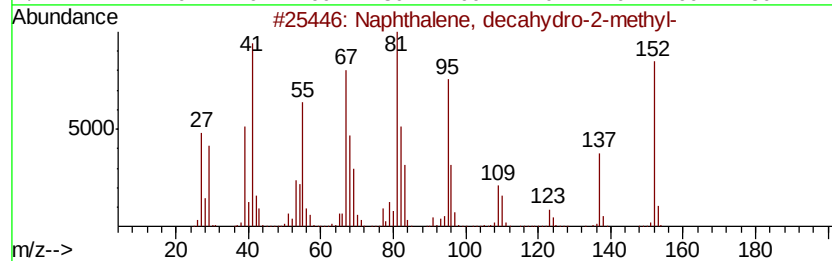
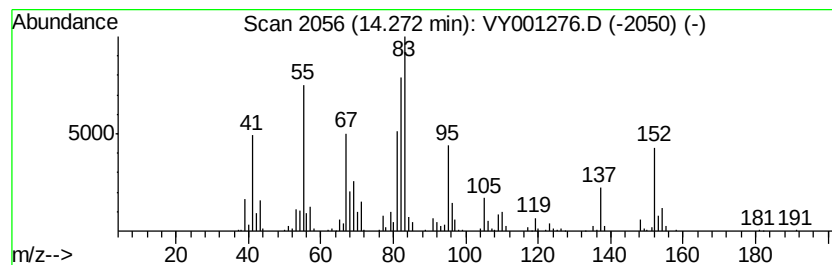
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.27	11.62 ug/l	252434	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	35
4		Bicyclo[3.1.0]hexan-2-one, 3,3,6...	138	C9H14O	053966-40-8	25
5		Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011720\
Data File : VY001276.D
Acq On : 17 Jan 2020 19:24
Operator : SY/MD
Sample : L1171-01
Misc : 6.47G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BW-1A-20.0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.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, 2,3-dimet...	12.25	6.0	ug/l	130012	3	11.51	1089740	50.0
Cyclohexane, 1,1,...	12.66	8.0	ug/l	172700	4	13.44	1086260	50.0
Cyclohexane, 1-me...	12.74	5.4	ug/l	118218	4	13.44	1086260	50.0
Cyclohexane, 1-me...	12.82	12.2	ug/l	264953	4	13.44	1086260	50.0
Decane, 4-methyl-	13.05	6.1	ug/l	131557	4	13.44	1086260	50.0
Cyclohexane, (2-m...	13.33	13.9	ug/l	302831	4	13.44	1086260	50.0
Naphthalene, deca...	13.76	14.7	ug/l	318227	4	13.44	1086260	50.0
unknown13.86	13.86	5.7	ug/l	124450	4	13.44	1086260	50.0
Naphthalene, deca...	14.27	11.6	ug/l	252434	4	13.44	1086260	50.0