

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007911.D
 Acq On : 18 Mar 2022 18:41
 Operator : SY/MD
 Sample : N1951-05
 Misc : 6.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-14-(13-15)-3-12-22

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Title : SW846 8260

Signal : TIC: VY007911.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.132	43	51	53	rBV7	5151	11900	2.38%	0.154%
2	3.942	342	348	355	rBV3	4218	11318	2.26%	0.146%
3	4.716	470	475	481	rVB6	3205	7797	1.56%	0.101%
4	7.716	958	967	973	rBV	26591	65198	13.03%	0.843%
5	7.789	973	979	990	rVB2	43423	98597	19.71%	1.275%
6	8.143	1029	1037	1047	rVB	31906	69943	13.98%	0.904%
7	8.685	1117	1126	1135	rBV	68710	141005	28.18%	1.823%
8	10.179	1364	1371	1379	rBV	105986	183570	36.69%	2.374%
9	11.087	1511	1520	1526	rBV5	10493	22729	4.54%	0.294%
10	11.490	1579	1586	1594	rBV	92135	155375	31.06%	2.009%
11	11.624	1604	1608	1612	rBV4	4506	6570	1.31%	0.085%
12	11.685	1612	1618	1626	rBV2	19490	46089	9.21%	0.596%
13	11.752	1626	1629	1637	rVB4	14256	28562	5.71%	0.369%
14	11.843	1637	1644	1648	rBV8	8993	17921	3.58%	0.232%
15	11.898	1648	1653	1659	rVB3	7951	13169	2.63%	0.170%
16	11.983	1662	1667	1675	rBV5	22104	49720	9.94%	0.643%
17	12.057	1675	1679	1681	rBV4	8009	10504	2.10%	0.136%
18	12.087	1682	1684	1687	rVB3	5747	5125	1.02%	0.066%
19	12.118	1687	1689	1693	rVB2	8581	10783	2.16%	0.139%
20	12.203	1694	1703	1705	rBV5	32927	67921	13.58%	0.878%
21	12.307	1713	1720	1729	rBV6	37550	108384	21.66%	1.401%
22	12.392	1730	1734	1737	rBV3	16039	24143	4.83%	0.312%
23	12.422	1737	1739	1743	rVB2	14312	17601	3.52%	0.228%
24	12.489	1743	1750	1755	rBV2	203648	377708	75.49%	4.884%
25	12.544	1755	1759	1761	rBV4	23245	38422	7.68%	0.497%
26	12.642	1769	1775	1782	rVB2	264764	455510	91.04%	5.890%
27	12.733	1782	1790	1796	rBV6	60750	181163	36.21%	2.343%
28	12.819	1796	1804	1805	rBV3	120964	217930	43.56%	2.818%
29	12.947	1821	1825	1831	rVB4	97064	157761	31.53%	2.040%
30	13.075	1832	1846	1851	rBV8	109599	400015	79.95%	5.172%
31	13.130	1851	1855	1858	rBV2	78832	119297	23.84%	1.543%
32	13.166	1858	1861	1872	rVB7	63645	161282	32.24%	2.085%
33	13.258	1872	1876	1878	rBV4	40272	65690	13.13%	0.849%
34	13.294	1879	1882	1888	rVB4	61957	121283	24.24%	1.568%
35	13.349	1888	1891	1895	rBV2	63532	84647	16.92%	1.095%
36	13.495	1912	1915	1918	rBV2	29508	47536	9.50%	0.615%

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Max Peaks: 100

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

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37	13.568	1921	1927	1931	rVV2	294888	500318	100.00%	6.469%
38	13.605	1931	1933	1937	rVB4	33532	44647	8.92%	0.577%
39	13.690	1942	1947	1950	rBV5	94280	173936	34.77%	2.249%
40	13.745	1950	1956	1962	rVB4	253382	488176	97.57%	6.312%
41	13.812	1964	1967	1970	rBV5	46299	68789	13.75%	0.889%
42	13.879	1975	1978	1983	rVB	116368	182821	36.54%	2.364%
43	14.074	2006	2010	2013	rBV2	49316	65614	13.11%	0.848%
44	14.196	2027	2030	2035	rVB6	86730	139429	27.87%	1.803%
45	14.257	2035	2040	2046	rBV4	254740	497144	99.37%	6.428%
46	14.422	2062	2067	2071	rBV3	321654	480887	96.12%	6.218%
47	14.544	2084	2087	2090	rBV2	69103	98951	19.78%	1.279%
48	14.617	2096	2099	2104	rVB5	47828	67187	13.43%	0.869%
49	14.733	2115	2118	2125	rVB5	120716	205152	41.00%	2.653%
50	14.849	2133	2137	2140	rBV2	119964	183600	36.70%	2.374%
51	15.123	2178	2182	2191	rVB4	190282	354597	70.87%	4.585%
52	15.275	2203	2207	2212	rBV7	55879	108244	21.64%	1.400%
53	15.446	2231	2235	2242	rVB7	48364	95893	19.17%	1.240%
54	15.611	2257	2262	2268	rVB2	142127	267491	53.46%	3.459%
55	16.476	2399	2404	2412	rVB8	33644	73305	14.65%	0.948%
56	16.757	2447	2450	2455	rVB4	19189	35241	7.04%	0.456%

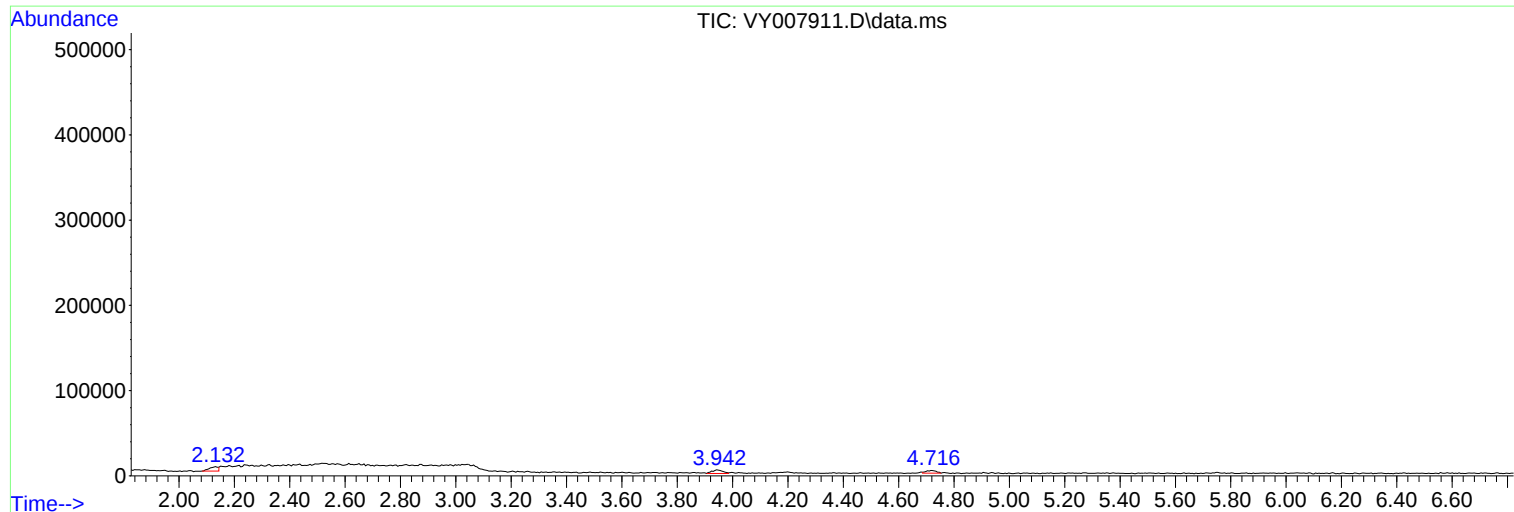
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId :
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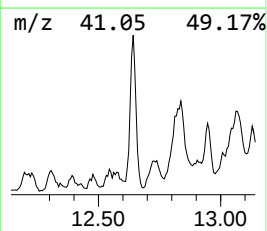
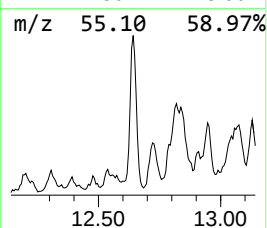
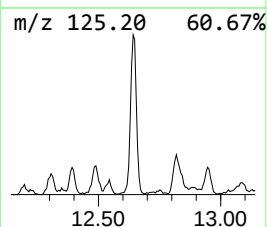
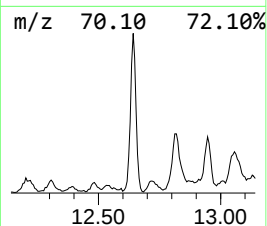
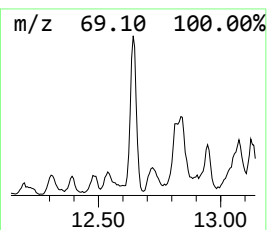
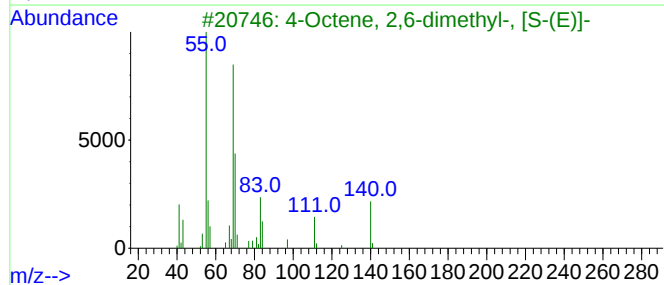
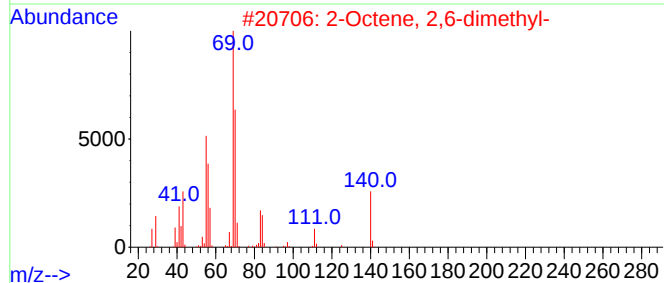
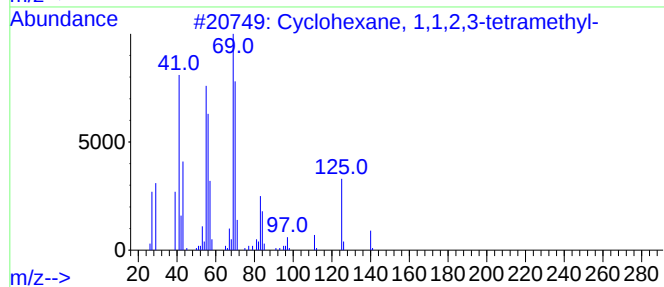
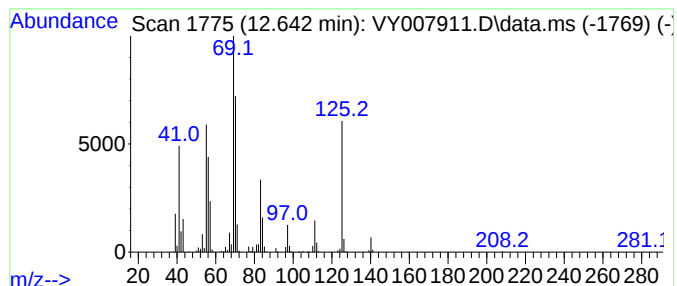
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.642	479.12 ug/l	455510	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	87
2			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	76
3			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	58
4			1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	38
5			2-Heptene, 4-methyl-, (E)-	112	C8H16	066225-17-0	38



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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

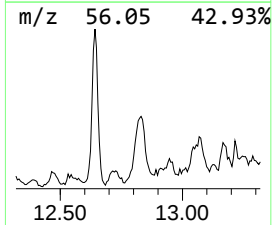
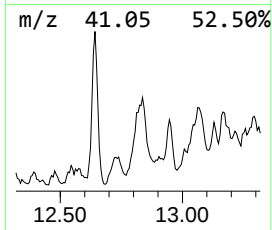
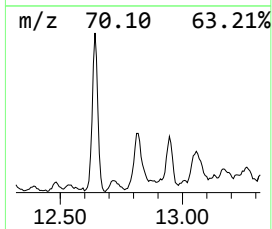
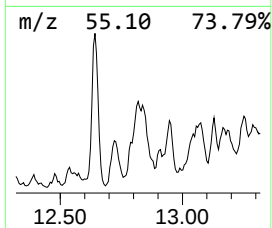
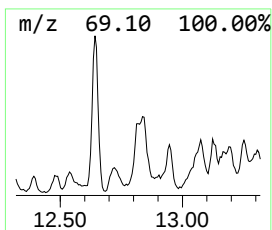
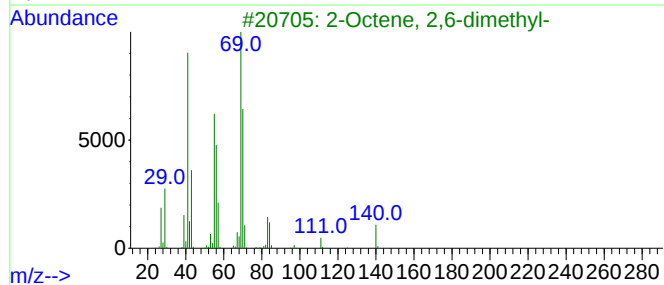
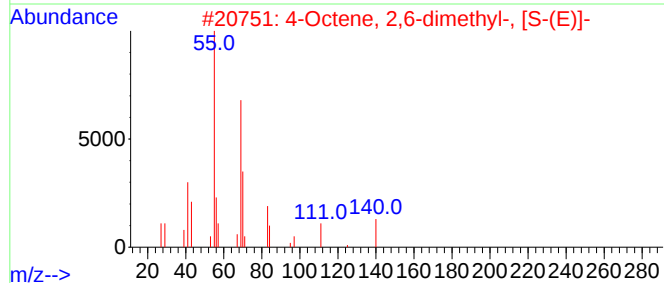
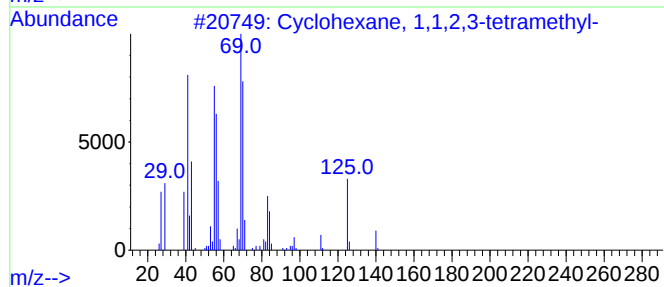
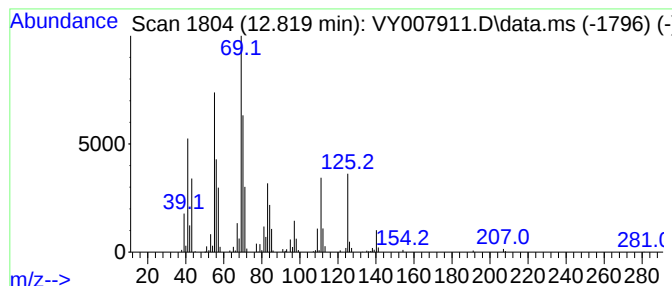
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4-Octene, 2,6-dimethyl-, [S... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.819	229.23 ug/l	217930	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	87
2			4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	72
3			2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	58
4			Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	58
5			Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	52



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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DB-14-(13-15)-3-12-22

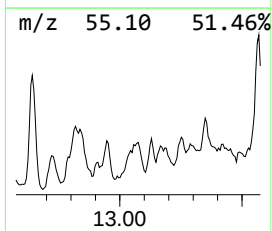
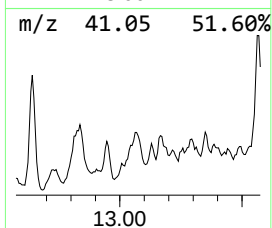
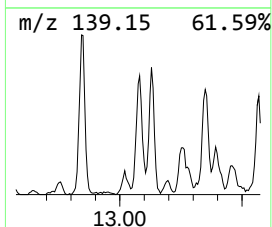
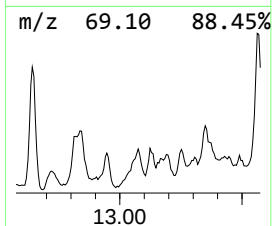
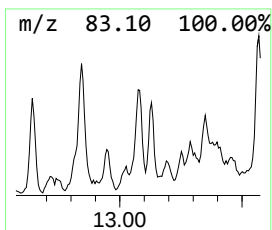
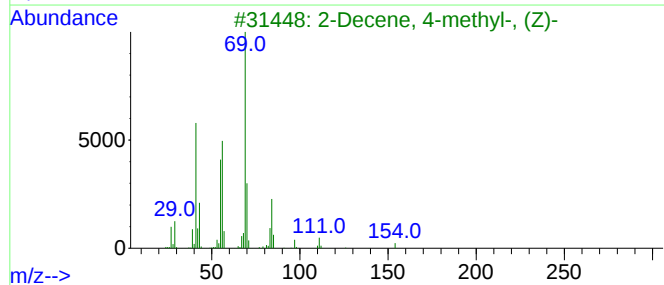
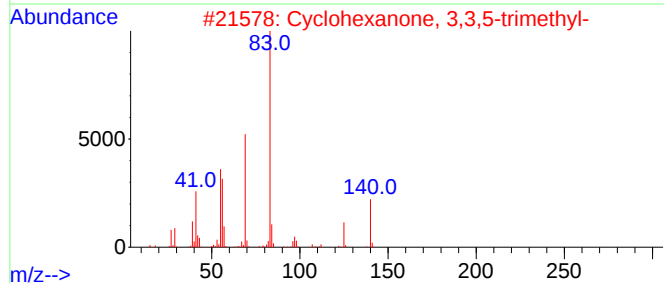
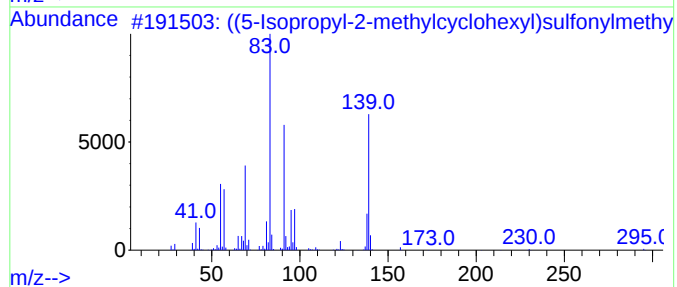
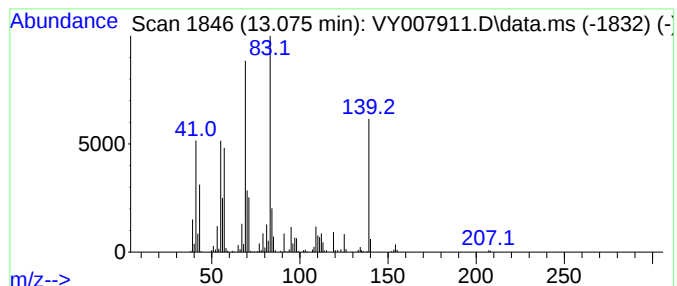
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 ((5-Isopropyl-2-methylcyclo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.075	420.75 ug/l	400015	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		((5-Isopropyl-2-methylcyclohexyl...)	294	C17H26O2S	093542-25-7	50
2		Cyclohexanone, 3,3,5-trimethyl-	140	C9H16O	000873-94-9	43
3		2-Decene, 4-methyl-, (Z)-	154	C11H22	074630-30-1	38
4		2-Pentene, 3-methyl-	84	C6H12	000922-61-2	27
5		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	27



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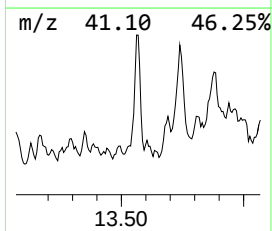
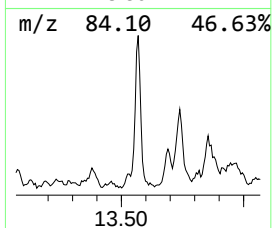
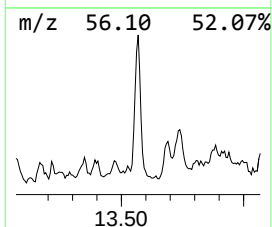
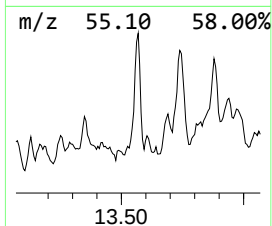
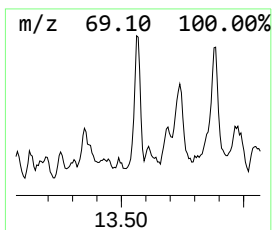
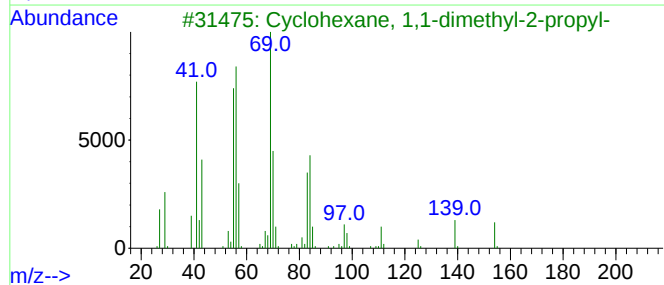
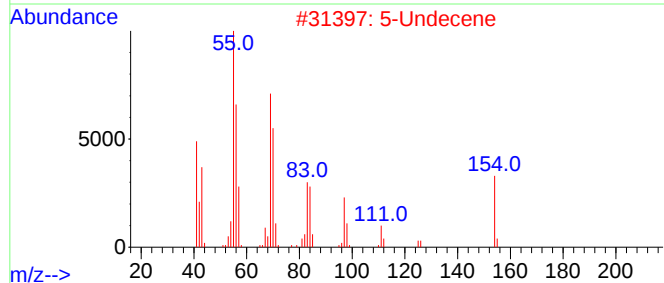
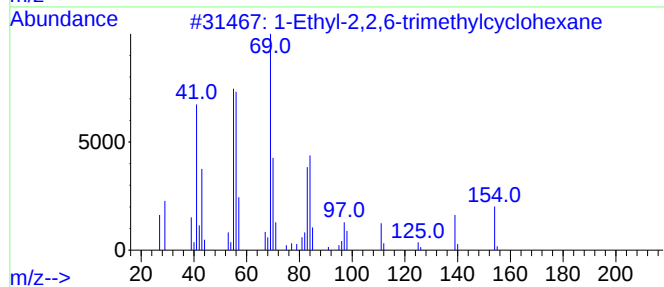
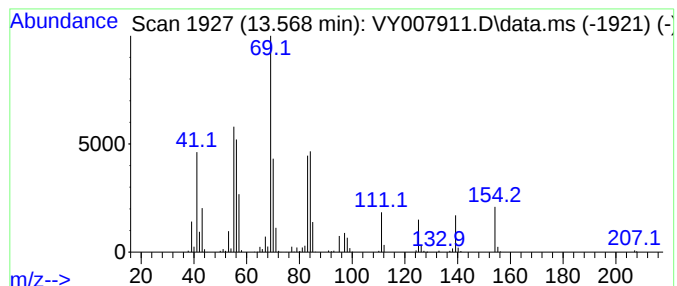
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.569	526.25 ug/l	500318	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	91
2			5-Undecene	154	C11H22	004941-53-1	64
3			Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	64
4			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	52
5			Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	52



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ClientSampleId :
DB-14-(13-15)-3-12-22

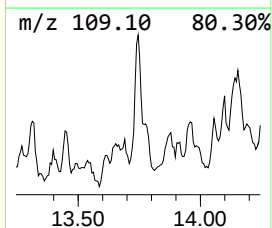
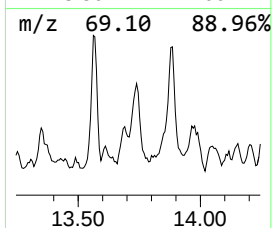
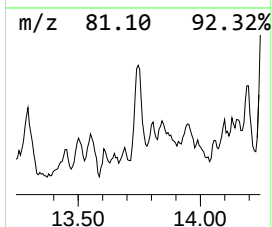
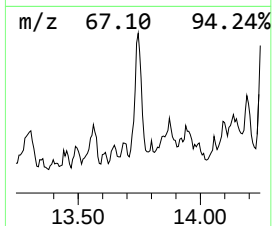
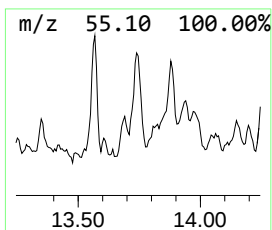
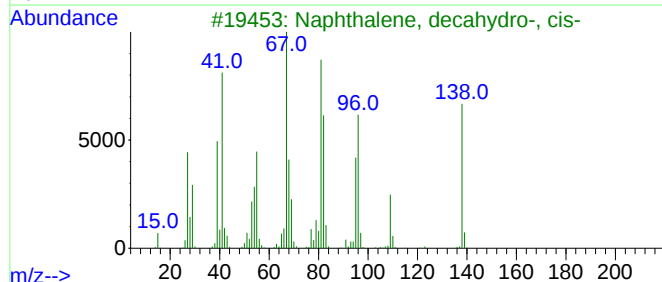
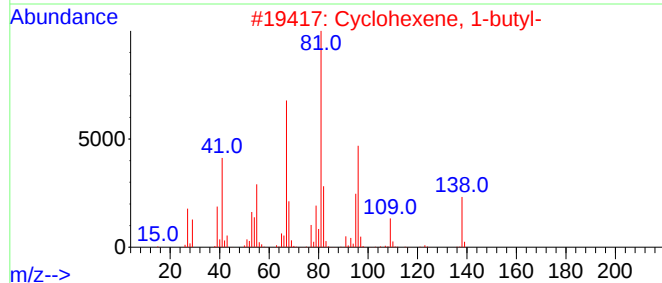
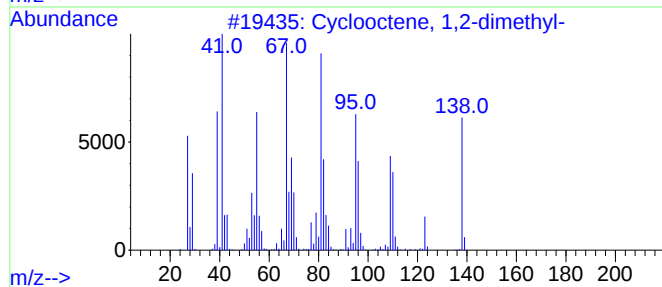
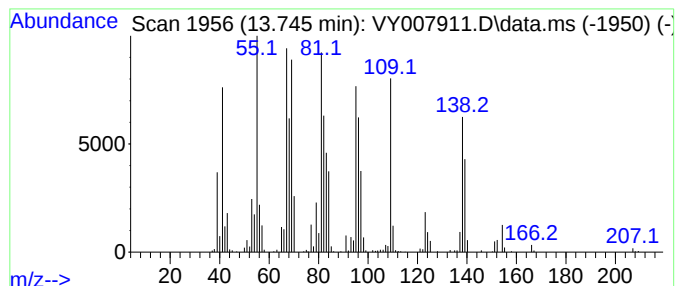
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclooctene, 1,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	513.48 ug/l	488176	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	64
2			Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	50
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	49
4			1,3-Hexadiene, 3-ethyl-2,5-dimet...	138	C10H18	062338-07-2	46
5			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007911.D
Acq On : 18 Mar 2022 18:41
Operator : SY/MD
Sample : N1951-05
Misc : 6.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

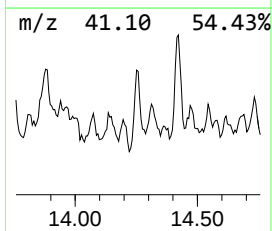
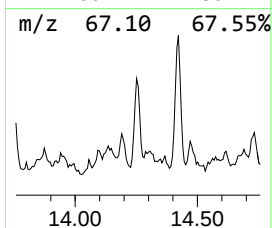
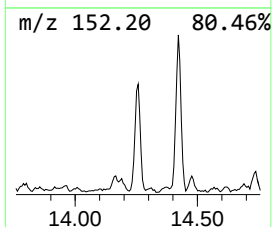
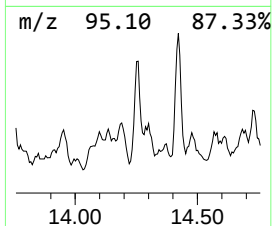
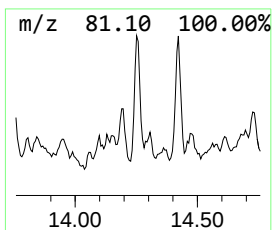
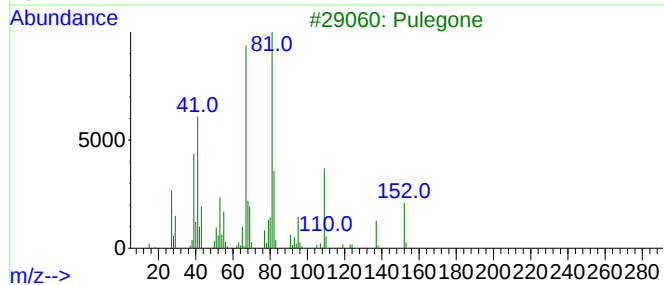
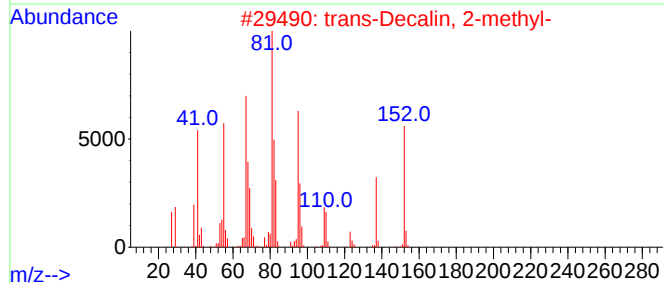
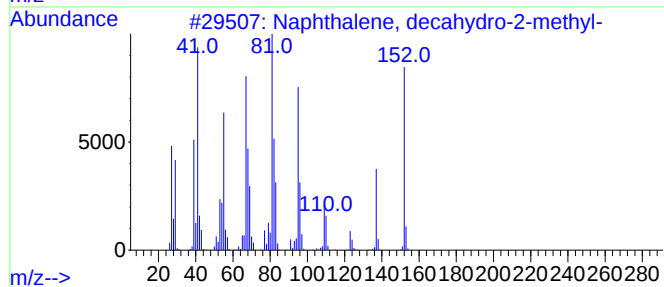
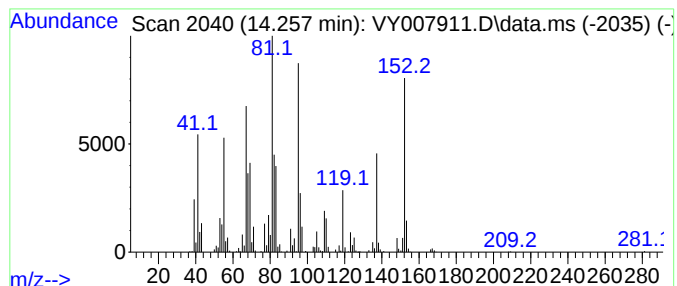
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	522.91 ug/l	497144	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	95
3			Pulegone	152	C10H16O	000089-82-7	60
4			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	60
5			Bicyclo[3.3.1]nonane-2,7-dione	152	C9H12O2	1000210-30-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007911.D
Acq On : 18 Mar 2022 18:41
Operator : SY/MD
Sample : N1951-05
Misc : 6.89g/5.0mL/MSVOA_Y/soil
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

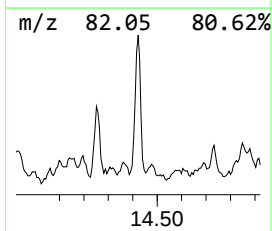
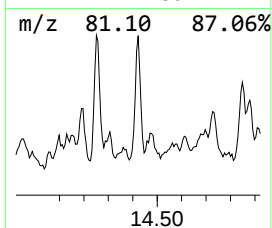
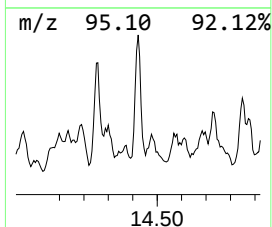
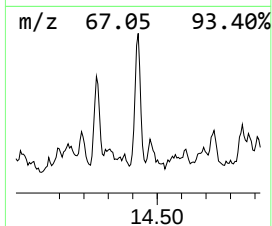
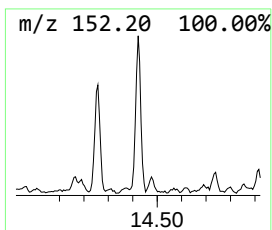
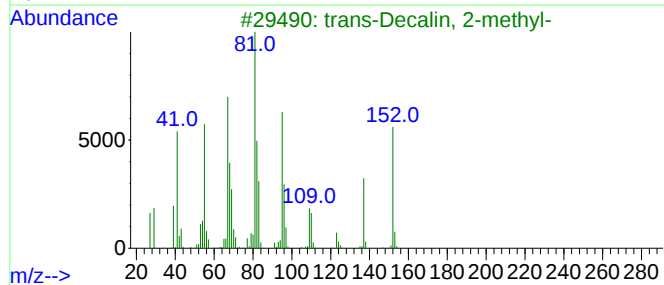
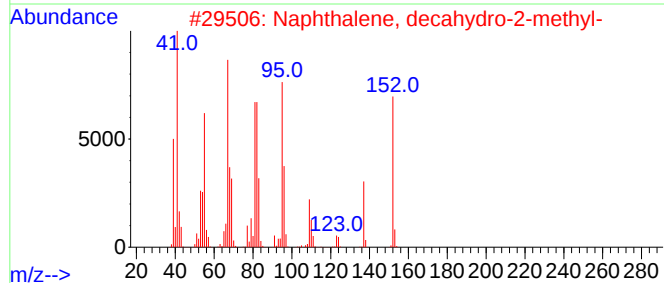
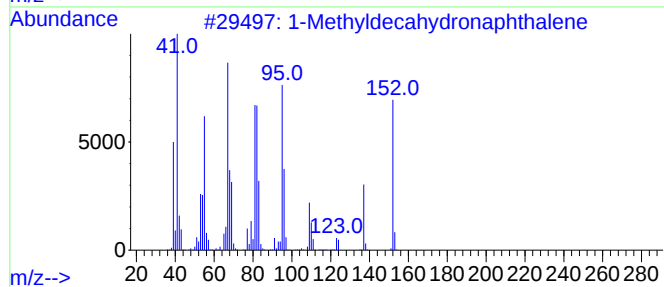
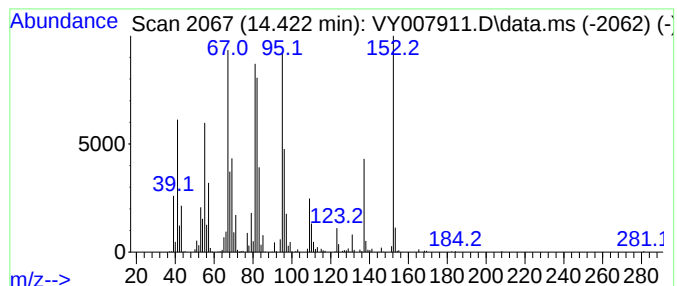
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 1-Methyldecahydronaphthalene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.422	505.81 ug/l	480887	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	96
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	96
3			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	70
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007911.D
Acq On : 18 Mar 2022 18:41
Operator : SY/MD
Sample : N1951-05
Misc : 6.89g/5.0mL/MSVOA_Y/soil
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

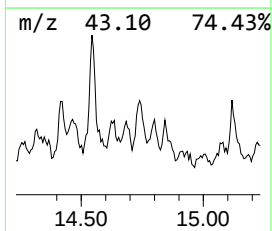
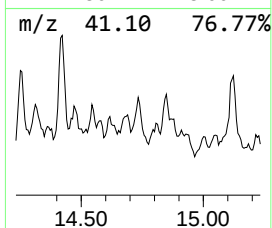
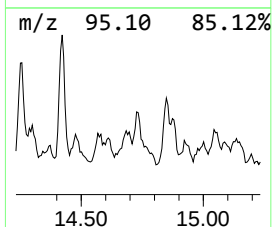
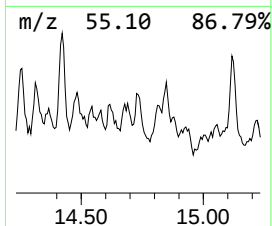
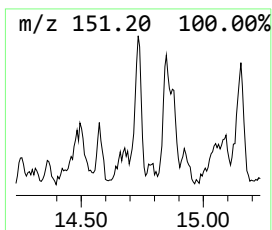
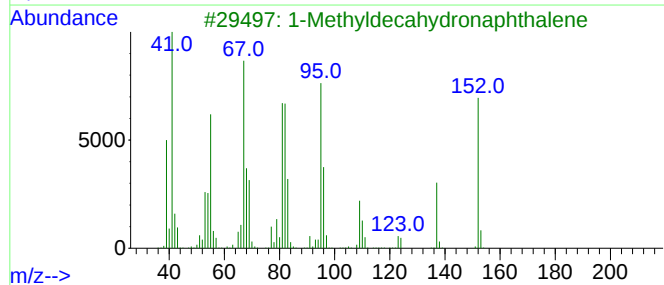
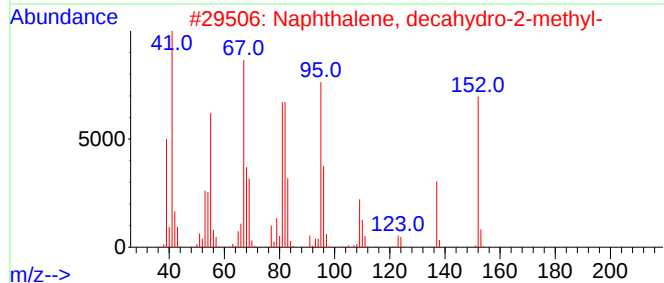
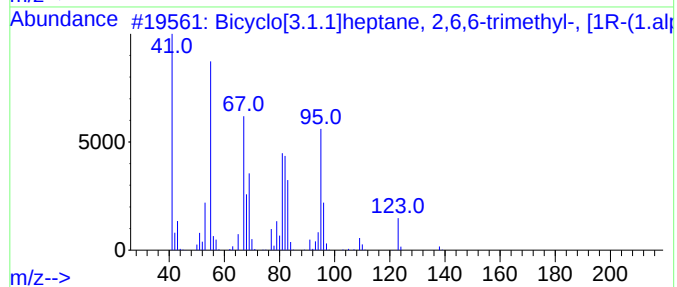
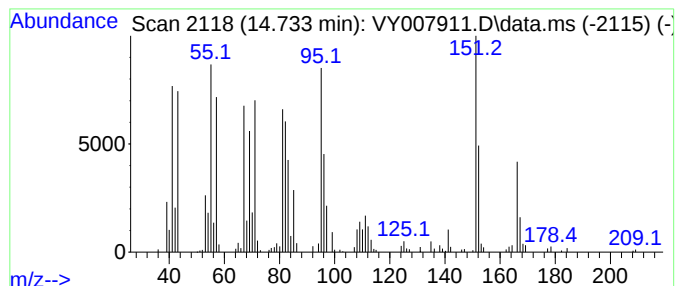
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown14.733 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.733	215.79 ug/l	205152	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004795-86-2	42
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	25
3			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	25
4			cis,cis- and cis,trans-1,9-dimet...	166	C12H22	1000111-72-5	25
5			Ethanone, 1-(2-hydroxy-4-methoxy...	166	C9H10O3	000552-41-0	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007911.D
Acq On : 18 Mar 2022 18:41
Operator : SY/MD
Sample : N1951-05
Misc : 6.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

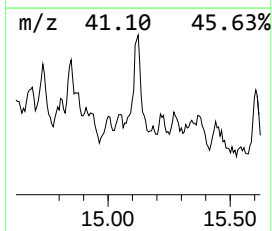
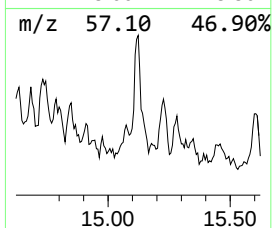
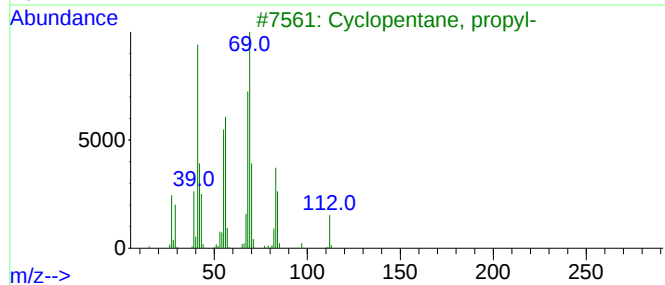
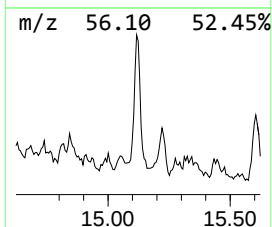
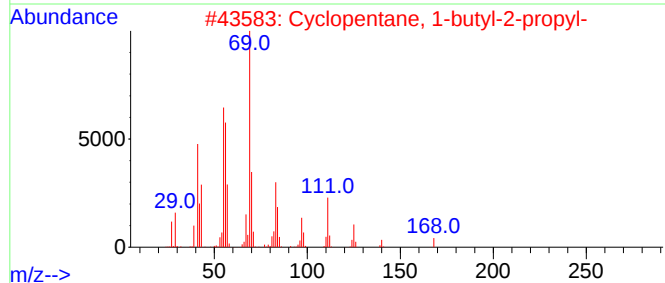
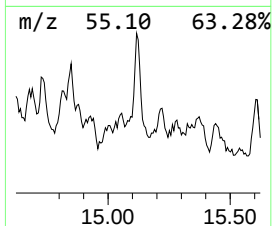
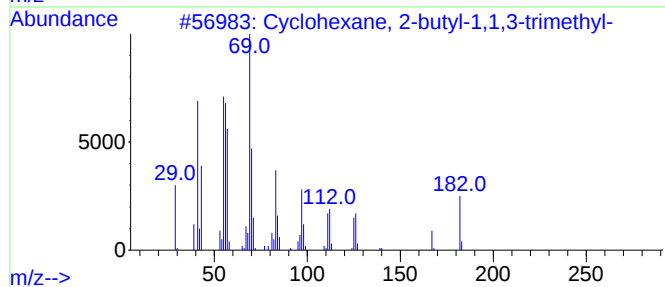
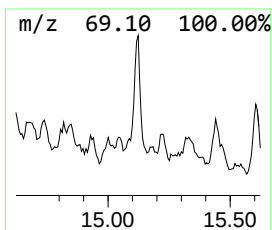
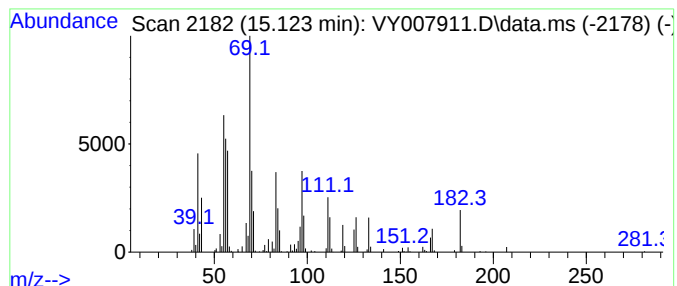
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.123	372.98 ug/l	354597	1,4-Dichlorobenzene-d4		13.428	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...		182	C13H26	054676-39-0	95
2	Cyclopentane, 1-butyl-2-propyl-		168	C12H24	062199-50-2	76
3	Cyclopentane, propyl-		112	C8H16	002040-96-2	55
4	2-Decene, 4-methyl-, (Z)-		154	C11H22	074630-30-1	49
5	Cyclohexane, 1,1,2-trimethyl-		126	C9H18	007094-26-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007911.D
Acq On : 18 Mar 2022 18:41
Operator : SY/MD
Sample : N1951-05
Misc : 6.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

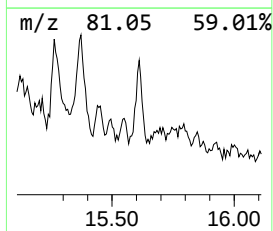
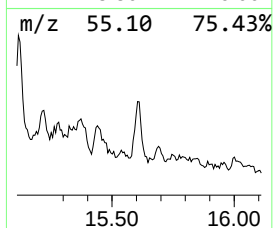
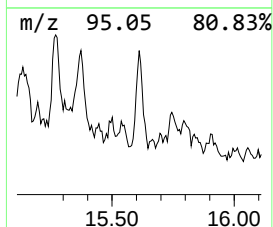
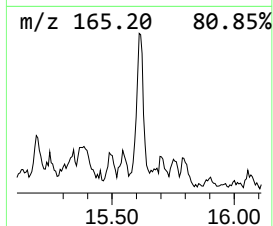
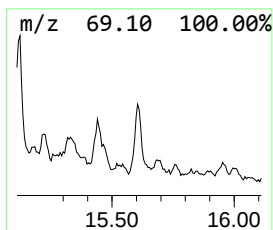
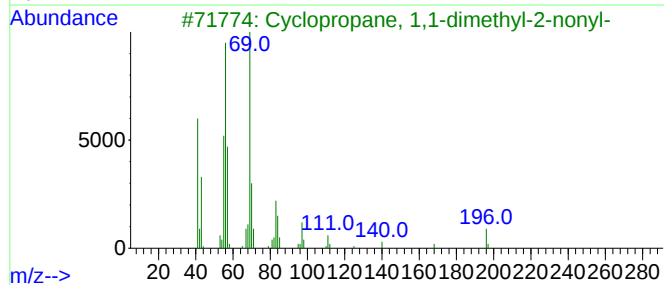
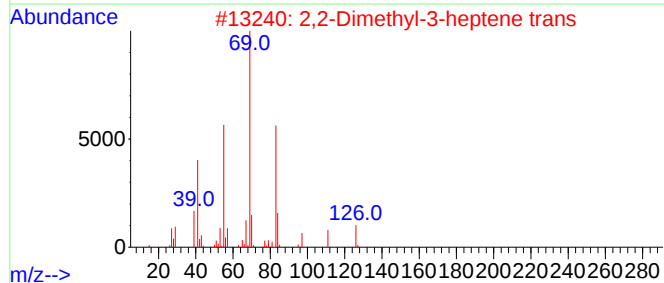
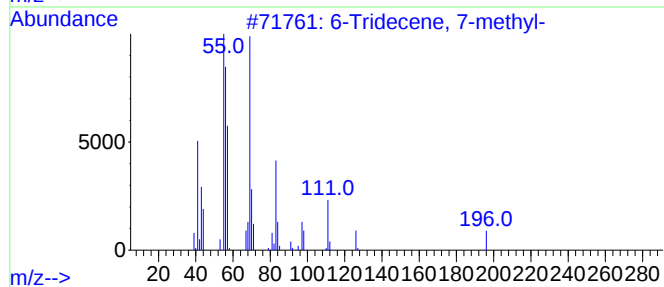
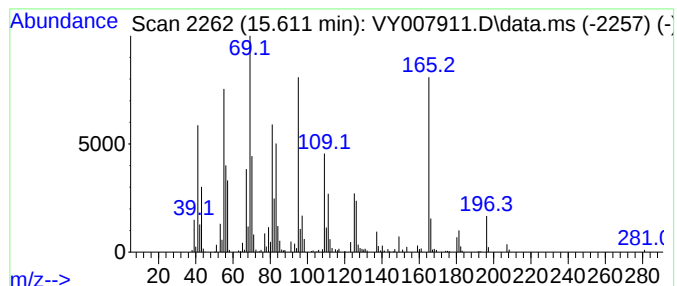
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown15.611 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.611	281.36 ug/l	267491	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	38
2		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	25
3		Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	25
4		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	25
5		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007911.D
Acq On : 18 Mar 2022 18:41
Operator : SY/MD
Sample : N1951-05
Misc : 6.89g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(13-15)-3-12-22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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4-Octene, 2,6-d...	12.819	229.2	ug/l	217930	4	13.428	47536	50.0
(5-Isopropyl-2...	13.075	420.8	ug/l	400015	4	13.428	47536	50.0
1-Ethyl-2,2,6-t...	13.569	526.3	ug/l	500318	4	13.428	47536	50.0
Cyclooctene, 1...	13.745	513.5	ug/l	488176	4	13.428	47536	50.0
Naphthalene, de...	14.257	522.9	ug/l	497144	4	13.428	47536	50.0
1-Methyldecahyd...	14.422	505.8	ug/l	480887	4	13.428	47536	50.0
unknown14.733	14.733	215.8	ug/l	205152	4	13.428	47536	50.0
Cyclohexane, 2-...	15.123	373.0	ug/l	354597	4	13.428	47536	50.0
unknown15.611	15.611	281.4	ug/l	267491	4	13.428	47536	50.0