

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009544.D
 Acq On : 12 Jul 2022 19:44
 Operator : KP/MD
 Sample : N3662-05
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220498B-SIM/C4B-COMPOSITE

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\82Y070722S.M
 Title : SW846 8260

Signal : TIC: VY009544.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.857	3	6	16	rVB4	4842	10017	1.77%	0.196%
2	3.936	338	347	356	rBV2	13375	36218	6.40%	0.707%
3	4.180	377	387	398	rBV2	17804	49244	8.70%	0.962%
4	4.704	462	473	484	rBV2	13009	41825	7.39%	0.817%
5	5.741	632	643	655	rBV5	4918	16318	2.88%	0.319%
6	6.972	834	845	857	rBV2	21494	65448	11.56%	1.278%
7	7.710	956	966	972	rBV2	83030	201675	35.62%	3.939%
8	7.783	972	978	988	rVB	174394	381293	67.34%	7.447%
9	8.130	1023	1035	1044	rBV2	74409	188277	33.25%	3.677%
10	8.319	1059	1066	1074	rVB3	3485	8480	1.50%	0.166%
11	8.685	1116	1126	1138	rBV	251796	500882	88.46%	9.783%
12	9.179	1202	1207	1213	rVB6	6669	13575	2.40%	0.265%
13	9.606	1271	1277	1283	rVB6	4326	8828	1.56%	0.172%
14	10.173	1363	1370	1379	rBV	235781	411048	72.59%	8.029%
15	10.337	1394	1397	1406	rVB6	3169	7600	1.34%	0.148%
16	10.575	1430	1436	1447	rBV2	13217	29449	5.20%	0.575%
17	10.715	1454	1459	1462	rVB6	3719	6293	1.11%	0.123%
18	10.795	1468	1472	1479	rVB3	6743	11164	1.97%	0.218%
19	10.904	1481	1490	1491	rBV5	5052	10025	1.77%	0.196%
20	10.947	1491	1497	1504	rVV	20816	46016	8.13%	0.899%
21	11.032	1507	1511	1515	rVV2	9847	15245	2.69%	0.298%
22	11.087	1515	1520	1525	rVV2	14247	25725	4.54%	0.502%
23	11.136	1525	1528	1533	rVB5	4070	6409	1.13%	0.125%
24	11.197	1533	1538	1543	rBV5	7355	14354	2.53%	0.280%
25	11.313	1550	1557	1563	rVB7	9315	24913	4.40%	0.487%
26	11.484	1578	1585	1596	rBV	337834	566246	100.00%	11.060%
27	11.618	1604	1607	1611	rBV6	4594	6375	1.13%	0.125%
28	11.673	1611	1616	1617	rBV3	6179	8104	1.43%	0.158%
29	11.734	1621	1626	1638	rVB4	21078	57636	10.18%	1.126%
30	11.837	1638	1643	1647	rBV7	5292	11117	1.96%	0.217%
31	11.898	1647	1653	1655	rBV6	4424	7311	1.29%	0.143%
32	12.002	1662	1670	1677	rBV8	20895	64889	11.46%	1.267%
33	12.087	1681	1684	1685	rVV3	7410	8190	1.45%	0.160%
34	12.118	1685	1689	1693	rVV	23257	34920	6.17%	0.682%
35	12.197	1697	1702	1705	rVV5	25855	48728	8.61%	0.952%
36	12.233	1705	1708	1714	rVV4	33717	65591	11.58%	1.281%

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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

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37	12.319	1718	1722	1726	rVV6	12110	27047	4.78%	0.528%
38	12.368	1727	1730	1736	rVB5	14810	28890	5.10%	0.564%
39	12.477	1742	1748	1755	rVB	262312	419658	74.11%	8.197%
40	12.569	1755	1763	1766	rBV9	12440	32022	5.66%	0.625%
41	12.642	1770	1775	1782	rVB4	40293	76420	13.50%	1.493%
42	12.727	1782	1789	1794	rBV7	21313	59860	10.57%	1.169%
43	12.806	1795	1802	1807	rVV8	39421	93875	16.58%	1.834%
44	12.855	1808	1810	1815	rVB5	15491	22731	4.01%	0.444%
45	12.916	1815	1820	1821	rBV5	6881	11624	2.05%	0.227%
46	12.941	1821	1824	1828	rVV4	12788	18441	3.26%	0.360%
47	13.038	1837	1840	1842	rBV4	5445	7780	1.37%	0.152%
48	13.117	1849	1853	1857	rBV5	11919	21343	3.77%	0.417%
49	13.166	1857	1861	1864	rVV4	11281	15719	2.78%	0.307%
50	13.221	1867	1870	1871	rBV3	6129	6485	1.15%	0.127%
51	13.245	1872	1874	1878	rVB3	11348	12660	2.24%	0.247%
52	13.319	1878	1886	1889	rBV7	30528	68855	12.16%	1.345%
53	13.422	1897	1903	1912	rBV	323410	510416	90.14%	9.969%
54	13.562	1923	1926	1930	rVB4	14915	17015	3.00%	0.332%
55	13.660	1941	1942	1949	rVB6	6192	6592	1.16%	0.129%
56	13.745	1950	1956	1961	rBV3	45368	83646	14.77%	1.634%
57	13.794	1961	1964	1966	rVB3	7702	7449	1.32%	0.145%
58	13.855	1970	1974	1976	rBV3	11467	14796	2.61%	0.289%
59	14.081	2006	2011	2014	rBV3	17152	26030	4.60%	0.508%
60	14.142	2017	2021	2026	rVB8	14991	29040	5.13%	0.567%
61	14.190	2026	2029	2030	rBV3	8640	8188	1.45%	0.160%
62	14.257	2034	2040	2050	rVV3	38729	93493	16.51%	1.826%
63	14.379	2056	2060	2062	rBV5	8628	12595	2.22%	0.246%
64	14.416	2063	2066	2071	rVB3	30236	45709	8.07%	0.893%
65	14.611	2095	2098	2103	rBV7	11011	15586	2.75%	0.304%
66	14.672	2103	2108	2114	rVV3	29983	66323	11.71%	1.295%
67	14.733	2114	2118	2124	rVB7	26521	43824	7.74%	0.856%
68	14.843	2134	2136	2138	rBV2	8383	7839	1.38%	0.153%
69	14.940	2149	2152	2156	rVB5	16404	21664	3.83%	0.423%
70	15.123	2178	2182	2183	rBV4	8616	11874	2.10%	0.232%
71	15.208	2192	2196	2202	rBV3	25448	44358	7.83%	0.866%
72	15.434	2230	2233	2239	rVB7	7848	15954	2.82%	0.312%
73	15.507	2242	2245	2247	rBV4	7359	10152	1.79%	0.198%
74	15.605	2257	2261	2266	rVB6	18704	32972	5.82%	0.644%
75	16.153	2347	2351	2358	rVB3	22478	40980	7.24%	0.800%
76	16.470	2399	2403	2409	rBV9	10890	20511	3.62%	0.401%

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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

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Title : SW846 8260

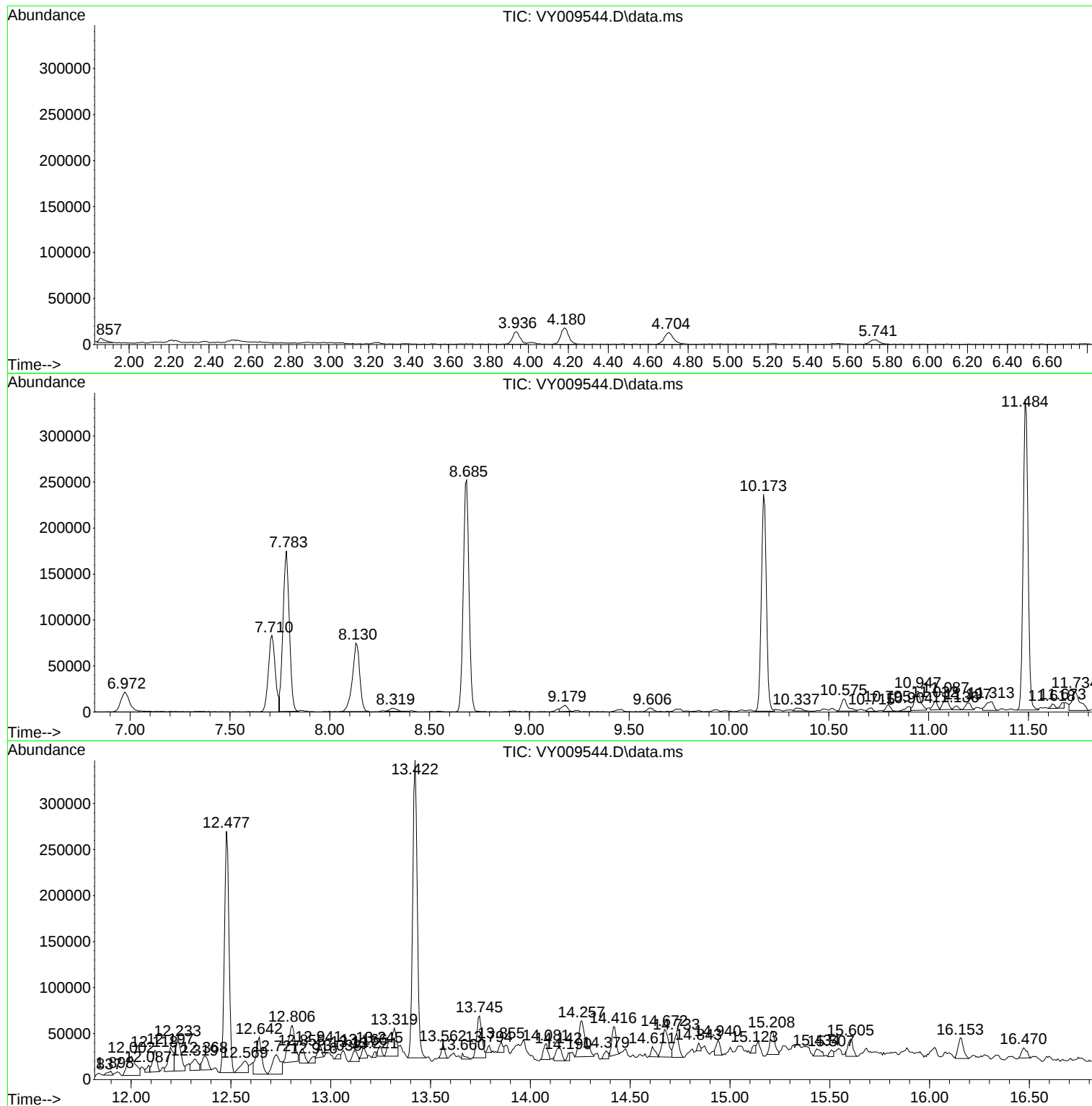
Sum of corrected areas: 5119844

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
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Instrument :
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ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260

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



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Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

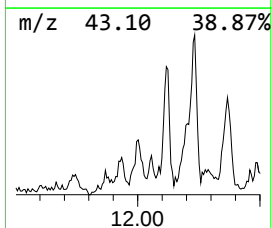
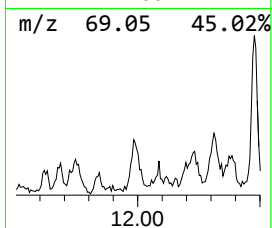
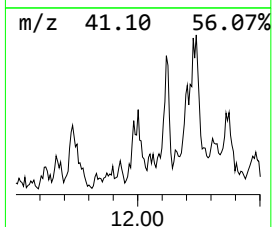
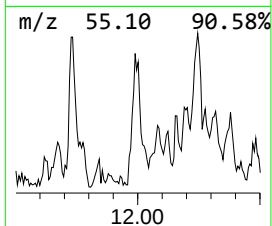
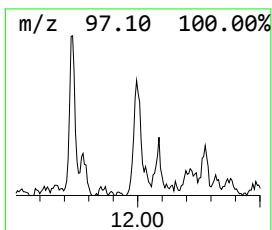
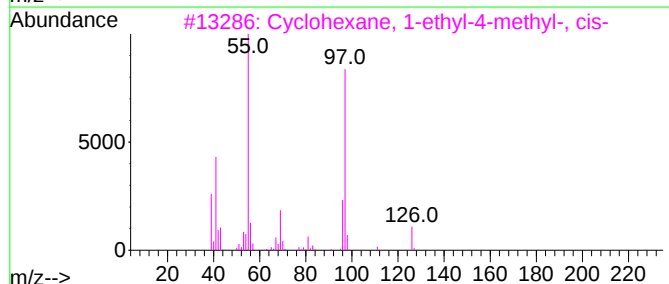
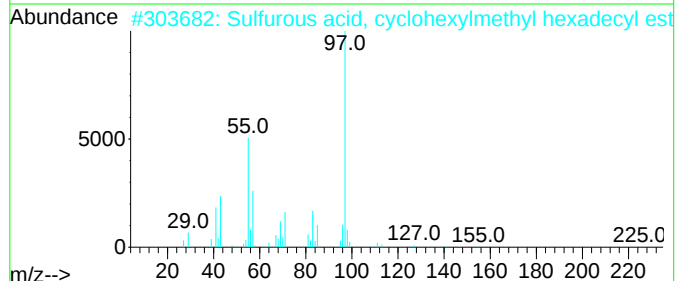
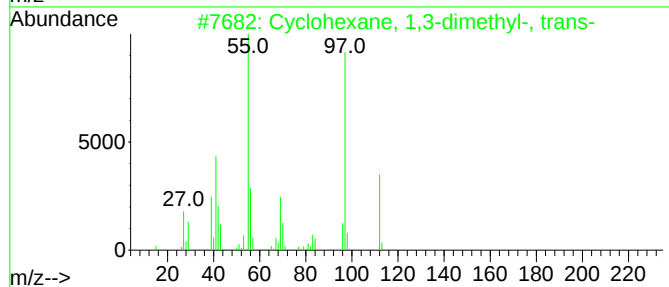
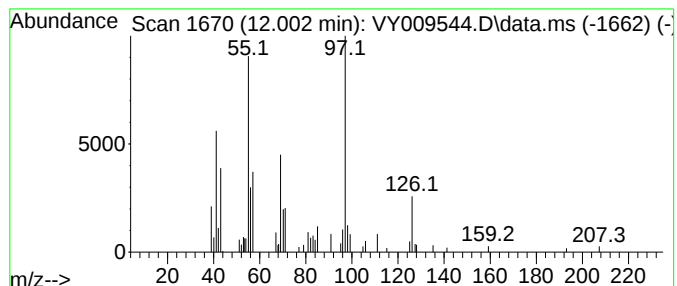
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.002	5.73 ug/l	64889	Chlorobenzene-d5	11.483

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
2			Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	59
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
4			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52
5			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	52



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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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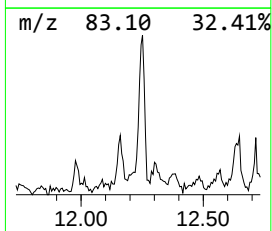
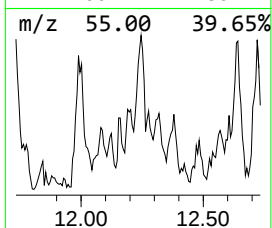
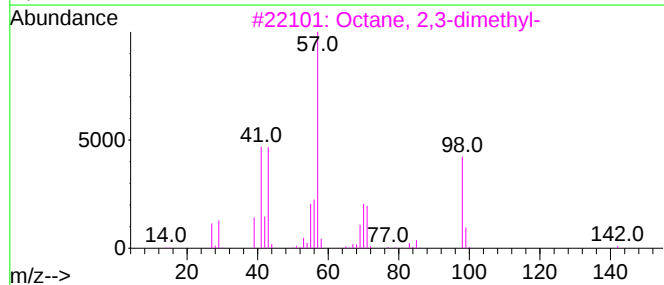
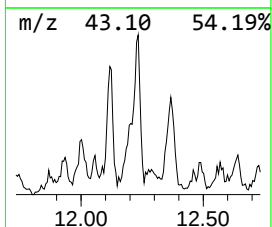
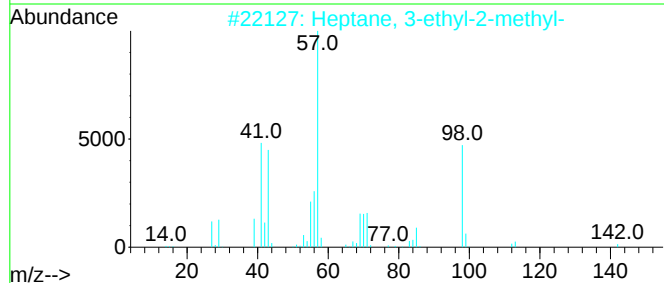
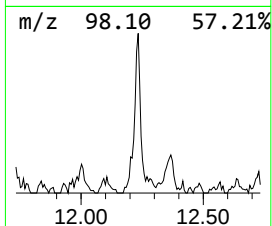
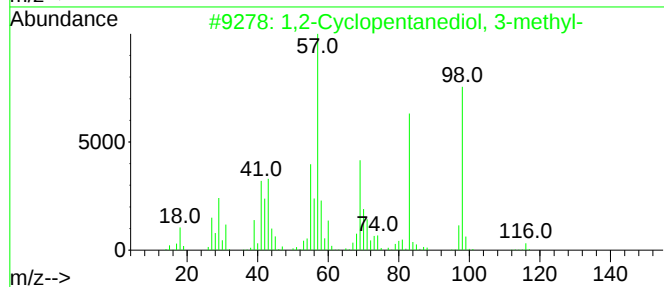
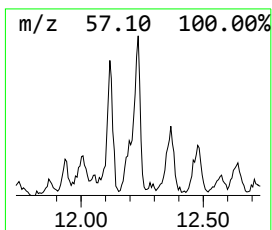
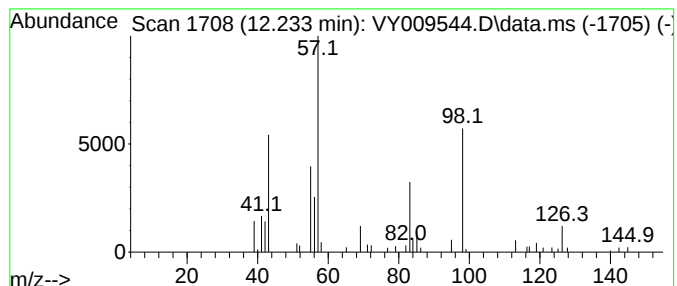
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260

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

Peak Number 3 1,2-Cyclopentanediol, 3-met... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.233	5.79 ug/l	65591	Chlorobenzene-d5	11.483

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Cyclopentanediol, 3-methyl-	116	C6H12O2	027583-37-5	59
2			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	58
3			Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	49
4			Cyclohexanone, 2-ethyl-	126	C8H14O	004423-94-3	47
5			Cyclooctanone	126	C8H14O	000502-49-8	47



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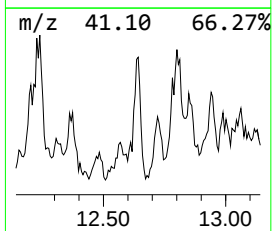
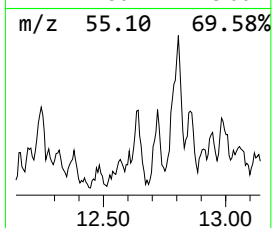
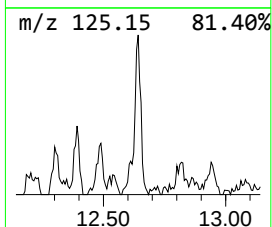
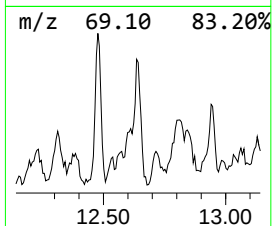
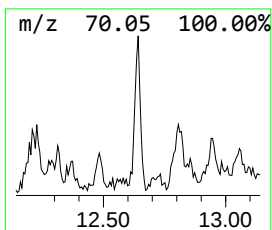
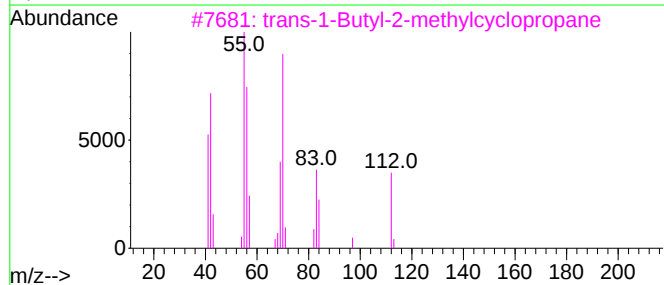
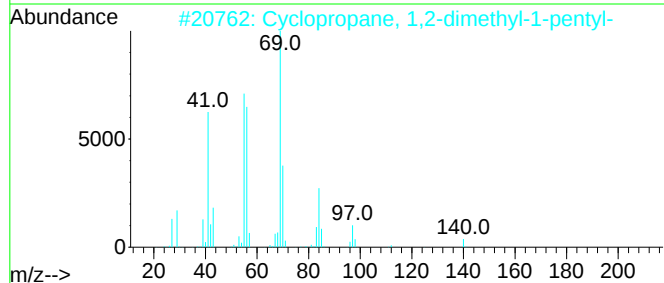
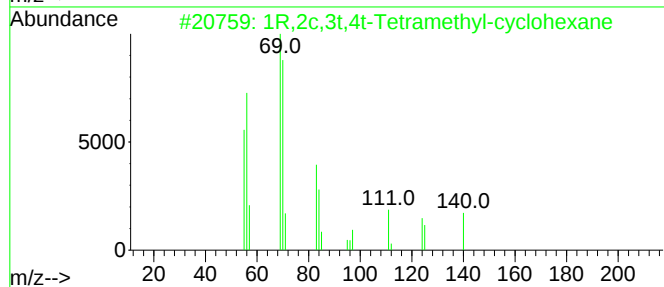
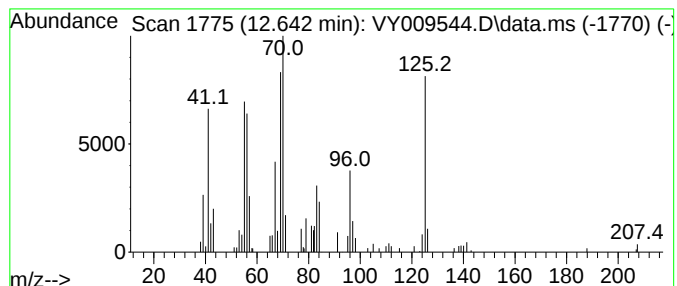
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
Quant Title : SW846 8260

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

Peak Number 4 1R,2c,3t,4t-Tetramethyl-cyc... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.642	7.49 ug/l	76420	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1R,2c,3t,4t-Tetramethyl-cyclohexane	140	C10H20	1000144-07-3	60
2			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	38
3			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	38
4			2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	38
5			3-Nonene, (E)-	126	C9H18	020063-92-7	38



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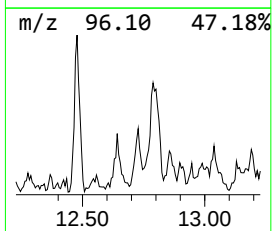
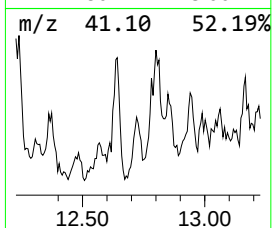
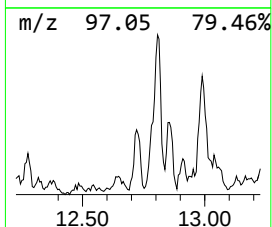
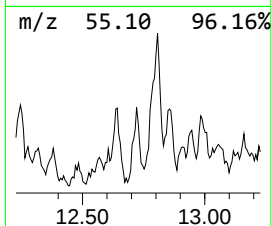
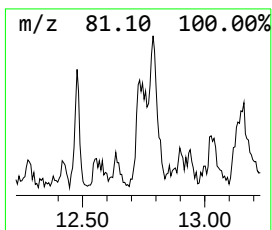
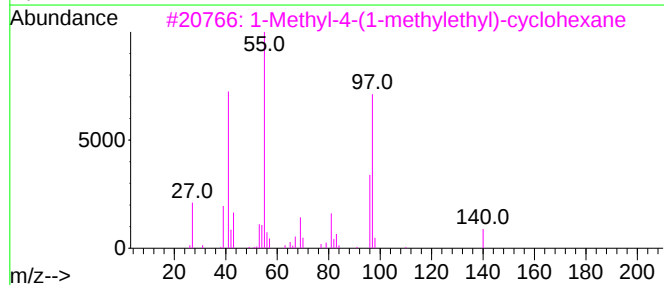
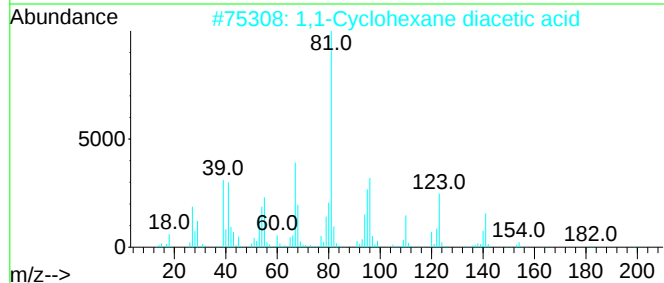
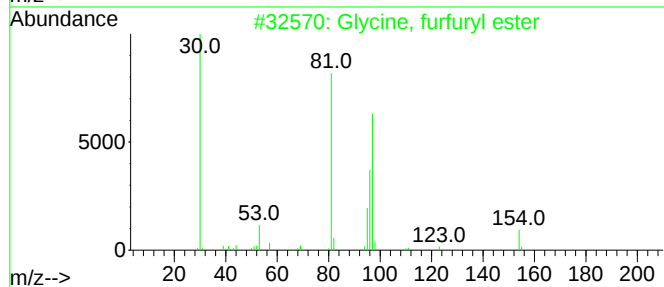
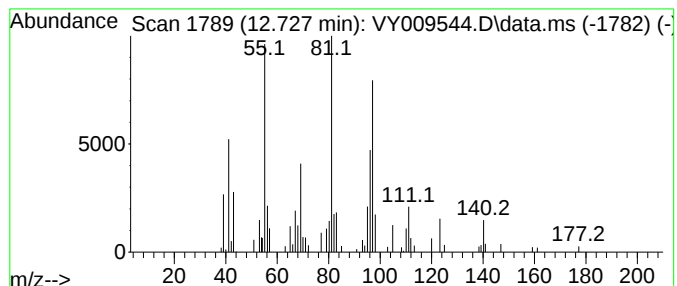
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Quant Title : SW846 8260

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

Peak Number 5 Glycine, furfuryl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.727	5.86 ug/l	59860	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Glycine, furfuryl ester	155	C7H9NO3	1000306-78-7	64
2			1,1-Cyclohexane diacetic acid	200	C10H16O4	009355-11-7	43
3			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	43
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	38
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
Data File : VY009544.D
Acq On : 12 Jul 2022 19:44
Operator : KP/MD
Sample : N3662-05
Misc : 5.07g/5.0mL/MSVOA_Y/soil
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

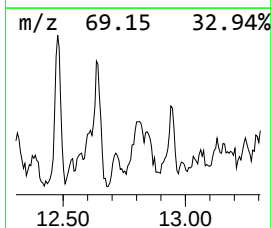
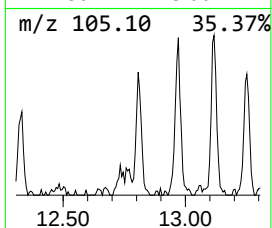
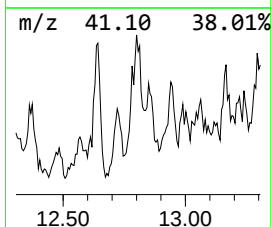
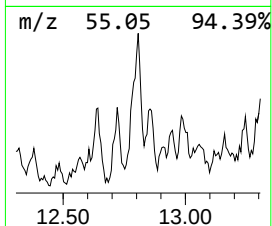
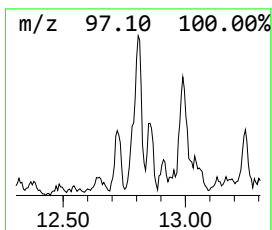
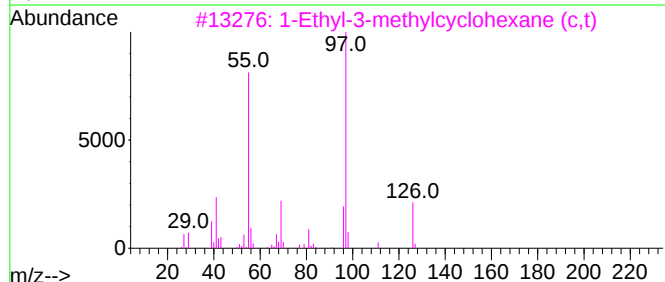
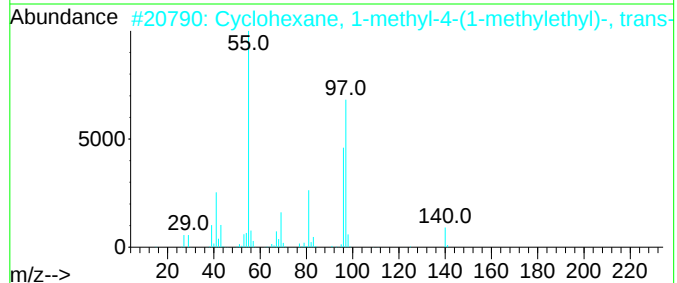
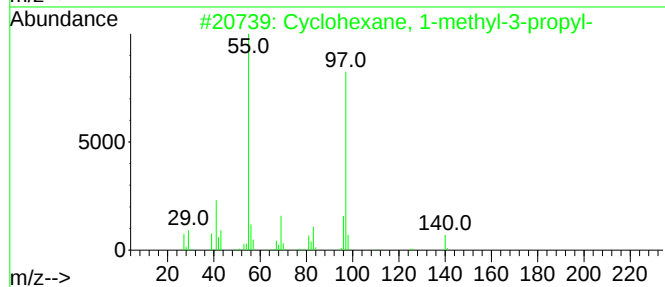
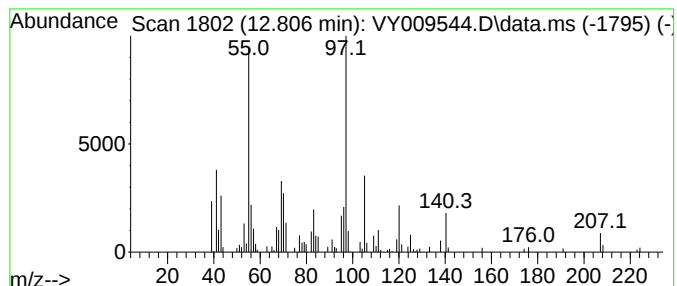
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Quant Title : SW846 8260

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

Peak Number 6 unknown12.807 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.807	9.20 ug/l	93875	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	49
2			Cyclohexane, 1-methyl-4-(1-methyl-2-propyl)-	140	C10H20	001678-82-6	38
3			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	38
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	38
5			cis-2-Oxabicyclo[4.4.0]decane	140	C9H16O	060416-19-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
Data File : VY009544.D
Acq On : 12 Jul 2022 19:44
Operator : KP/MD
Sample : N3662-05
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

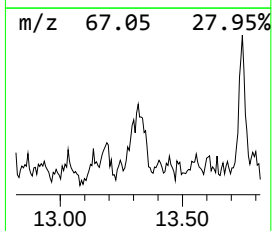
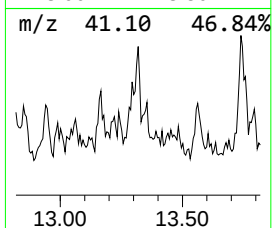
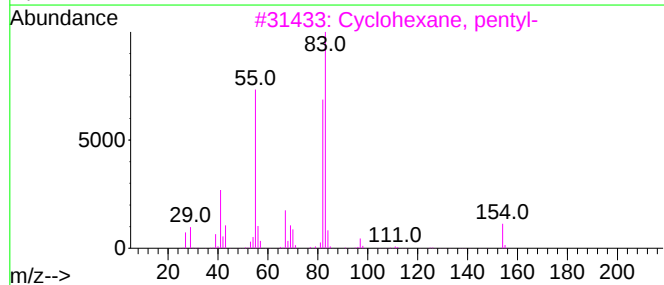
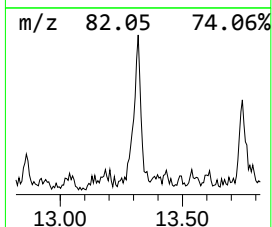
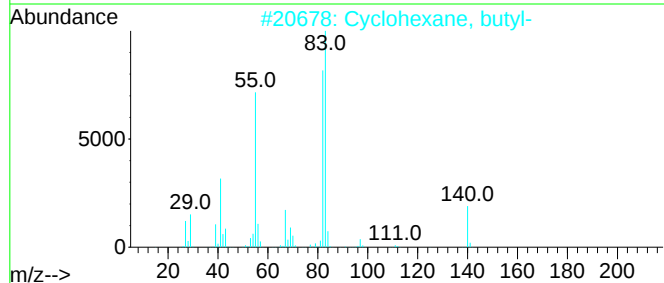
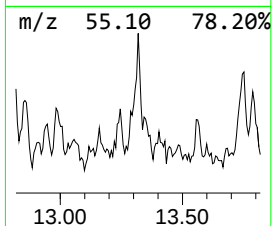
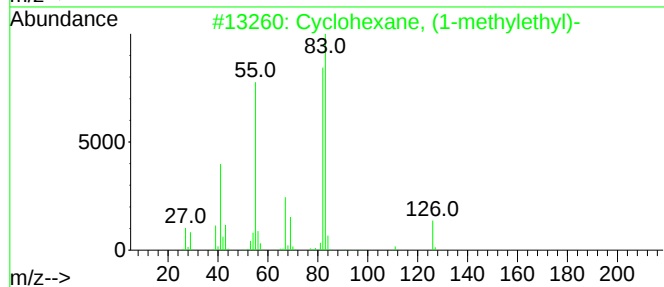
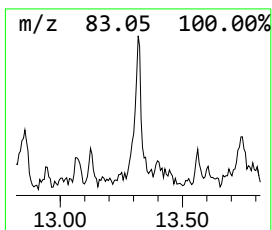
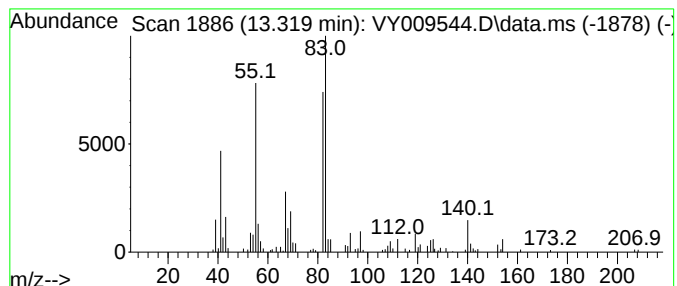
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Quant Title : SW846 8260

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

Peak Number 7 Cyclohexane, (1-methylethyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.319	6.74 ug/l	68855	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	87
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	80
3			Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	64
5			Cyclohexane, eicosyl-	364	C26H52	004443-55-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
Data File : VY009544.D
Acq On : 12 Jul 2022 19:44
Operator : KP/MD
Sample : N3662-05
Misc : 5.07g/5.0mL/MSVOA_Y/soil
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

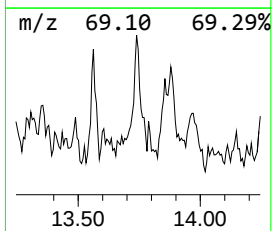
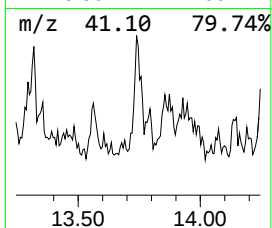
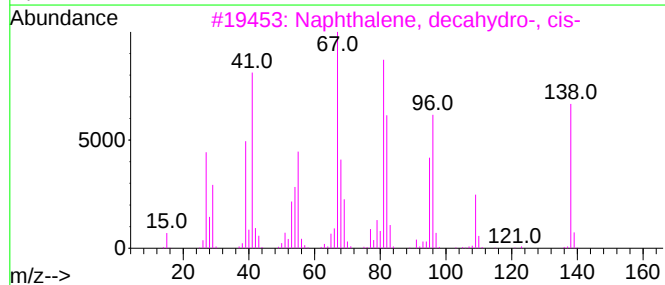
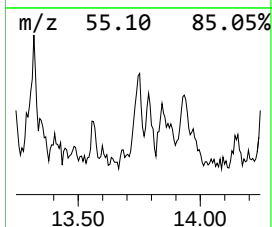
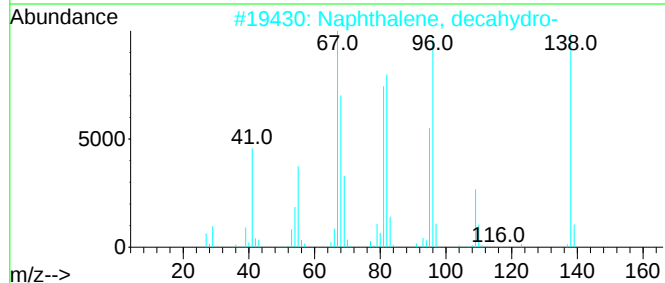
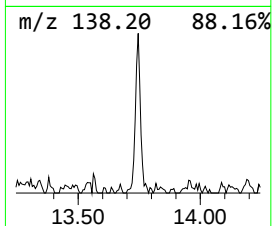
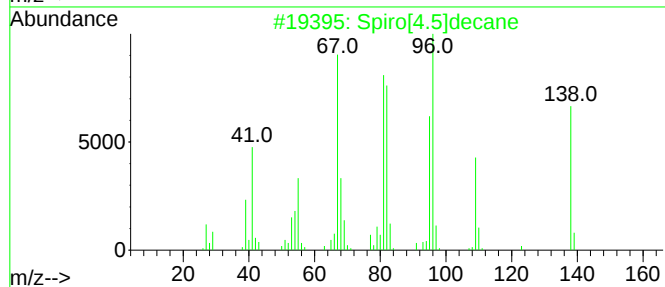
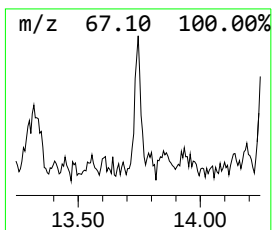
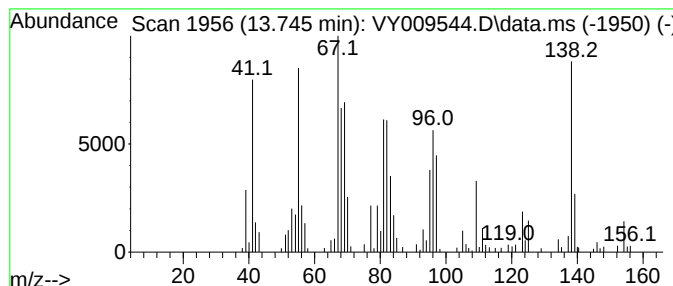
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Quant Title : SW846 8260

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

Peak Number 8 Spiro[4.5]decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	8.19 ug/l	83646	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Spiro[4.5]decane	138	C10H18	000176-63-6	74
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	74
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	64
4			Bicyclo[5.3.0]decane	138	C10H18	005661-80-3	64
5			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
Data File : VY009544.D
Acq On : 12 Jul 2022 19:44
Operator : KP/MD
Sample : N3662-05
Misc : 5.07g/5.0mL/MSVOA_Y/SoIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

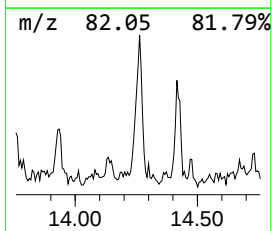
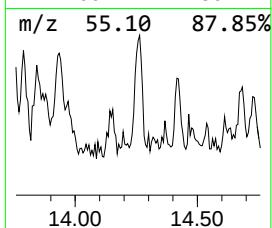
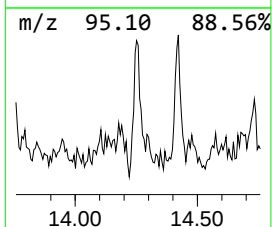
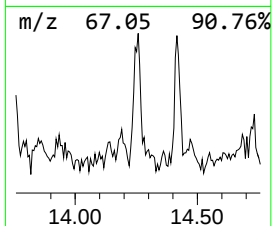
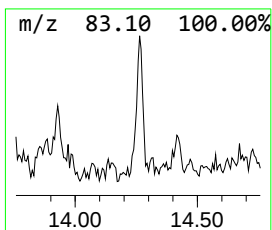
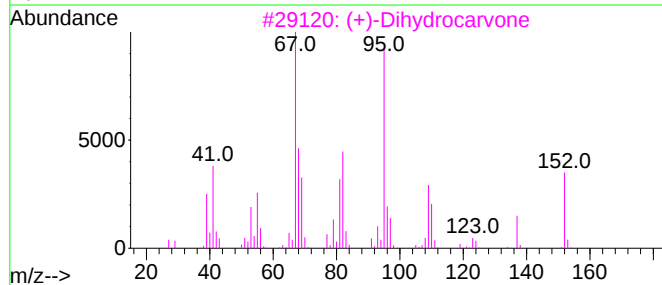
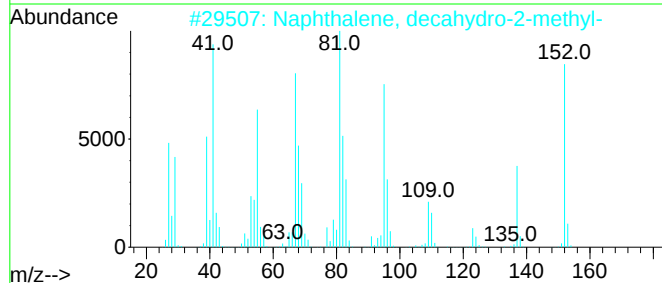
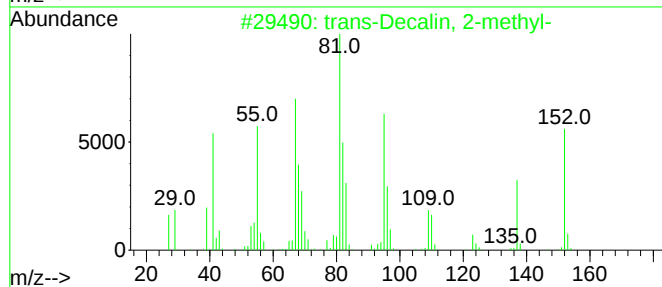
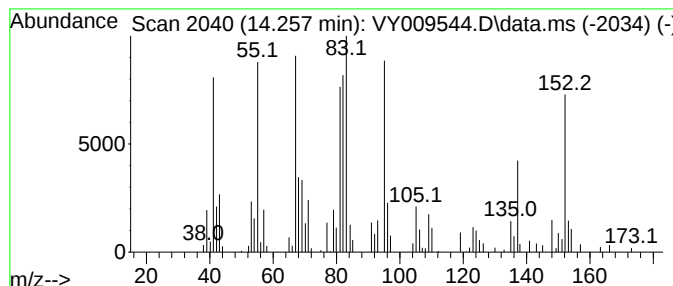
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Quant Title : SW846 8260

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

Peak Number 9 trans-Decalin, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	9.16 ug/l	93493	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	55
3			(+)-Dihydrocarvone	152	C10H16O	005524-05-0	49
4			1,1'-Bicyclopropyl, 2,2,2',2'-te...	138	C10H18	068998-20-9	45
5			Bicyclo[4.3.1]decan-10-one	152	C10H16O	020440-21-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
Data File : VY009544.D
Acq On : 12 Jul 2022 19:44
Operator : KP/MD
Sample : N3662-05
Misc : 5.07g/5.0mL/MSVOA_Y/soil
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

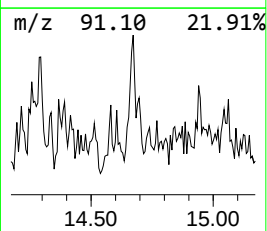
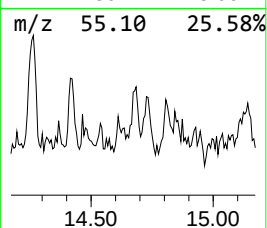
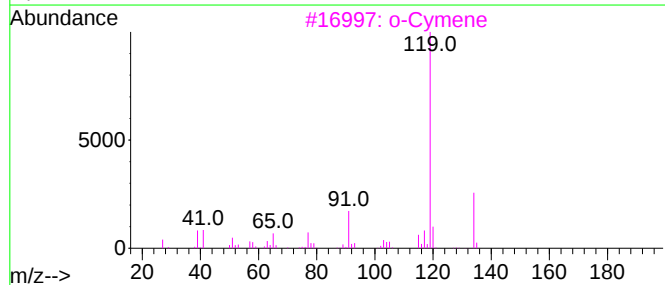
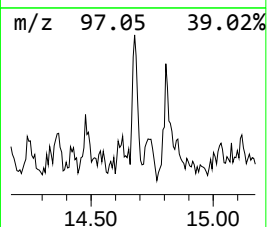
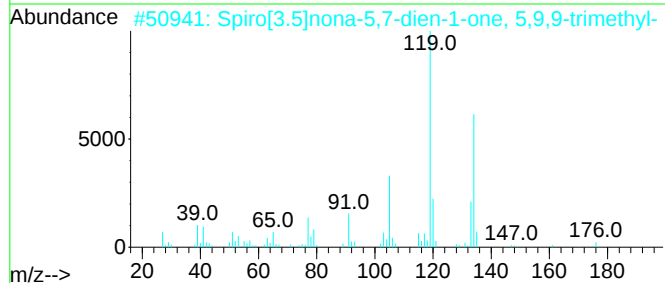
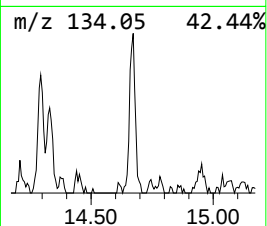
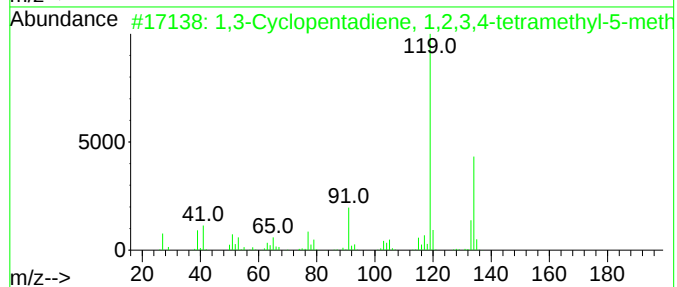
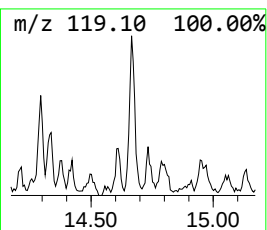
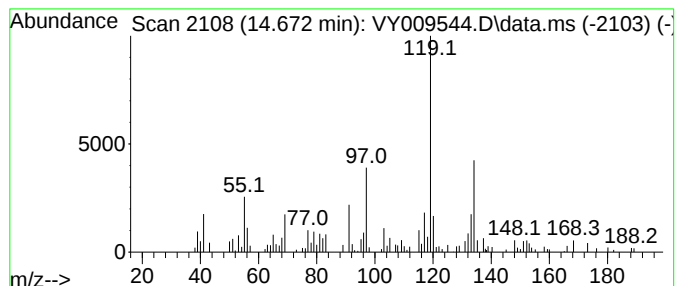
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Quant Title : SW846 8260

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

Peak Number 10 1,3-Cyclopentadiene, 1,2,3,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	6.50 ug/l	66323	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	70
2			Spiro[3.5]nona-5,7-dien-1-one, 5...	176	C12H16O	091531-36-1	70
3			o-Cymene	134	C10H14	000527-84-4	64
4			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
5			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
Data File : VY009544.D
Acq On : 12 Jul 2022 19:44
Operator : KP/MD
Sample : N3662-05
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220498B-SIM/C4B-COMPOSITE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.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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1,2-Cyclopentan...	12.233	5.8	ug/l	65591	3	11.483	566246	50.0
1R,2c,3t,4t-Tet...	12.642	7.5	ug/l	76420	4	13.422	510416	50.0
Glycine, furfur...	12.727	5.9	ug/l	59860	4	13.422	510416	50.0
unknown12.807	12.807	9.2	ug/l	93875	4	13.422	510416	50.0
Cyclohexane, (1...	13.319	6.7	ug/l	68855	4	13.422	510416	50.0
Spiro[4.5]decane	13.745	8.2	ug/l	83646	4	13.422	510416	50.0
trans-Decalin, ...	14.257	9.2	ug/l	93493	4	13.422	510416	50.0
1,3-Cyclopentad...	14.672	6.5	ug/l	66323	4	13.422	510416	50.0