

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009150.D
 Acq On : 06 Jun 2022 16:15
 Operator : KP/MD
 Sample : N3170-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220424-AMENDED-COMPOSITE-D

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\82Y052022S.M
 Title : SW846 8260

Signal : TIC: VY009150.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.211	59	64	68	rBV2	8915	15603	1.55%	0.171%
2	2.381	86	92	104	rVB	80231	138060	13.71%	1.511%
3	2.509	104	113	116	rBV3	8815	19581	1.94%	0.214%
4	2.546	116	119	137	rVB	123624	237956	23.63%	2.604%
5	3.942	338	348	353	rBV	54569	141614	14.06%	1.550%
6	4.021	353	361	379	rVV	388236	1006924	100.00%	11.019%
7	4.186	379	388	401	rVB	28410	79468	7.89%	0.870%
8	4.710	463	474	482	rBV4	6468	22949	2.28%	0.251%
9	6.685	788	798	807	rBV5	4097	13381	1.33%	0.146%
10	6.978	833	846	856	rBV2	35868	111075	11.03%	1.215%
11	7.710	956	966	971	rBV	42062	100772	10.01%	1.103%
12	7.783	971	978	987	rVV	153939	357880	35.54%	3.916%
13	7.868	987	992	1000	rVB3	7623	17493	1.74%	0.191%
14	7.996	1006	1013	1019	rBV5	5333	12998	1.29%	0.142%
15	8.136	1022	1036	1047	rVB4	127094	377968	37.54%	4.136%
16	8.264	1050	1057	1063	rBV5	4522	12842	1.28%	0.141%
17	8.411	1074	1081	1091	rVB4	11459	28522	2.83%	0.312%
18	8.685	1115	1126	1139	rBV	251922	480707	47.74%	5.260%
19	8.880	1147	1158	1173	rBV2	17402	45206	4.49%	0.495%
20	9.148	1192	1202	1205	rBV3	26803	60997	6.06%	0.667%
21	9.179	1205	1207	1213	rVV3	22281	37385	3.71%	0.409%
22	9.240	1213	1217	1226	rVB4	10615	23849	2.37%	0.261%
23	9.459	1242	1253	1261	rBV2	40422	86225	8.56%	0.944%
24	9.606	1270	1277	1285	rVB2	22991	46497	4.62%	0.509%
25	9.752	1288	1301	1305	rBV4	10043	26773	2.66%	0.293%
26	9.813	1305	1311	1324	rVB4	17357	49868	4.95%	0.546%
27	9.941	1324	1332	1346	rBV6	16257	54049	5.37%	0.591%
28	10.063	1346	1352	1356	rBV6	10202	23424	2.33%	0.256%
29	10.099	1356	1358	1363	rVB4	8843	13866	1.38%	0.152%
30	10.179	1363	1371	1385	rBV	433177	765233	76.00%	8.374%
31	10.368	1393	1402	1408	rVB5	26971	70423	6.99%	0.771%
32	10.477	1408	1420	1424	rBV2	26303	60225	5.98%	0.659%
33	10.514	1424	1426	1434	rVB	21179	32877	3.27%	0.360%
34	10.612	1434	1442	1448	rBV6	18860	51777	5.14%	0.567%
35	10.709	1455	1458	1462	rVB3	9183	13290	1.32%	0.145%
36	10.800	1468	1473	1481	rBV2	51329	80367	7.98%	0.879%

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37	10.904	1481	1490	1493	rBV4	20694	53913	5.35%	0.590%
38	11.032	1508	1511	1515	rVV	14870	23229	2.31%	0.254%
39	11.087	1515	1520	1526	rVV3	78167	141064	14.01%	1.544%
40	11.142	1526	1529	1533	rVV2	23467	32033	3.18%	0.351%
41	11.191	1533	1537	1543	rVB5	27349	54098	5.37%	0.592%
42	11.288	1548	1553	1563	rVB9	26020	88605	8.80%	0.970%
43	11.380	1563	1568	1571	rBV2	18896	33543	3.33%	0.367%
44	11.489	1580	1586	1596	rVB	379704	626861	62.26%	6.860%
45	11.624	1604	1608	1612	rBV4	18130	26985	2.68%	0.295%
46	11.678	1612	1617	1621	rBV4	19257	34641	3.44%	0.379%
47	11.739	1621	1627	1638	rVB5	37332	130164	12.93%	1.424%
48	11.837	1638	1643	1648	rBV4	21673	45033	4.47%	0.493%
49	11.892	1648	1652	1656	rVB6	10393	14707	1.46%	0.161%
50	12.001	1663	1670	1676	rBV4	55948	127286	12.64%	1.393%
51	12.123	1682	1690	1694	rVV2	64038	117255	11.64%	1.283%
52	12.203	1698	1703	1705	rVV2	61607	101215	10.05%	1.108%
53	12.233	1705	1708	1713	rVB3	55782	93889	9.32%	1.027%
54	12.379	1728	1732	1737	rVB6	14217	22769	2.26%	0.249%
55	12.477	1743	1748	1754	rBV	312675	482871	47.96%	5.284%
56	12.568	1760	1763	1767	rVB6	13998	19544	1.94%	0.214%
57	12.642	1771	1775	1782	rVB2	71543	126468	12.56%	1.384%
58	12.727	1782	1789	1795	rBV6	41718	112181	11.14%	1.228%
59	12.794	1795	1800	1806	rBV6	46344	130959	13.01%	1.433%
60	12.946	1821	1825	1829	rVB3	35662	54476	5.41%	0.596%
61	12.995	1829	1833	1836	rBV3	19981	37510	3.73%	0.410%
62	13.038	1836	1840	1848	rVB5	52134	95839	9.52%	1.049%
63	13.129	1852	1855	1858	rBV4	17862	27505	2.73%	0.301%
64	13.166	1858	1861	1867	rVB3	34864	52041	5.17%	0.569%
65	13.245	1872	1874	1877	rBV5	10224	10830	1.08%	0.119%
66	13.294	1878	1882	1884	rBV4	19327	32444	3.22%	0.355%
67	13.422	1897	1903	1911	rVB	387163	605069	60.09%	6.621%
68	13.568	1923	1927	1930	rVB3	25499	38001	3.77%	0.416%
69	13.605	1931	1933	1939	rVB5	19323	34184	3.39%	0.374%
70	13.745	1951	1956	1962	rBV3	67951	126370	12.55%	1.383%
71	13.965	1990	1992	1997	rVB5	26017	31527	3.13%	0.345%
72	14.074	2007	2010	2012	rBV3	17704	24591	2.44%	0.269%
73	14.141	2018	2021	2027	rVB7	24922	46929	4.66%	0.514%
74	14.257	2035	2040	2047	rBV9	63409	137052	13.61%	1.500%
75	14.422	2063	2067	2071	rVB3	48510	67051	6.66%	0.734%
76	14.617	2095	2099	2104	rBV7	17254	25285	2.51%	0.277%

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77	14.678	2106	2109	2114	rVV6	28072	56084	5.57%	0.614%
78	14.733	2114	2118	2125	rVB5	38281	66864	6.64%	0.732%
79	14.842	2133	2136	2139	rBV5	15122	24382	2.42%	0.267%
80	14.940	2149	2152	2156	rVB5	24641	35060	3.48%	0.384%
81	15.135	2180	2184	2190	rBV8	28617	67426	6.70%	0.738%
82	15.452	2231	2236	2241	rVB8	10171	24348	2.42%	0.266%
83	15.611	2256	2262	2266	rVB8	19720	37555	3.73%	0.411%
84	16.482	2399	2405	2410	rBV10	9877	22490	2.23%	0.246%

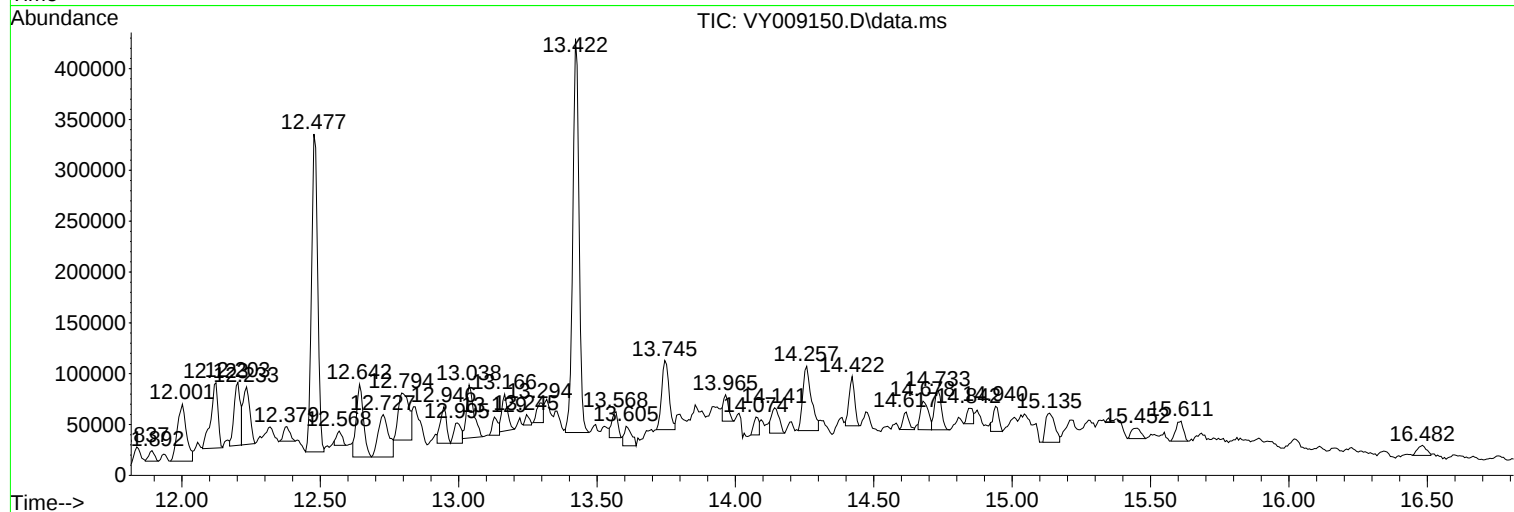
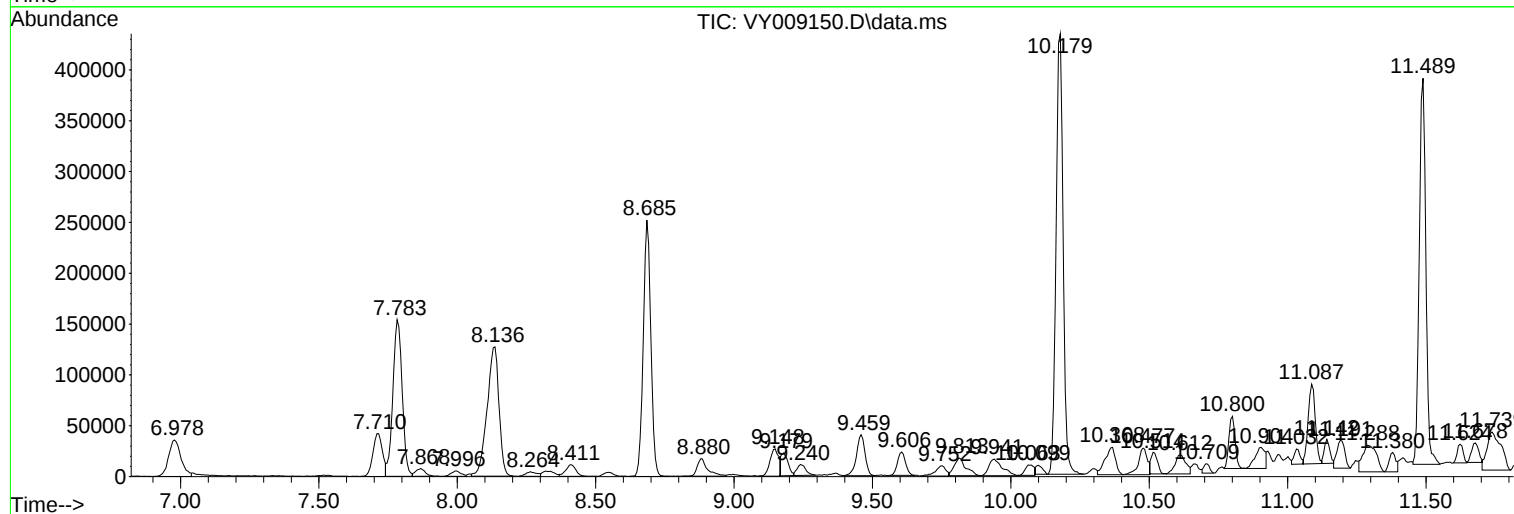
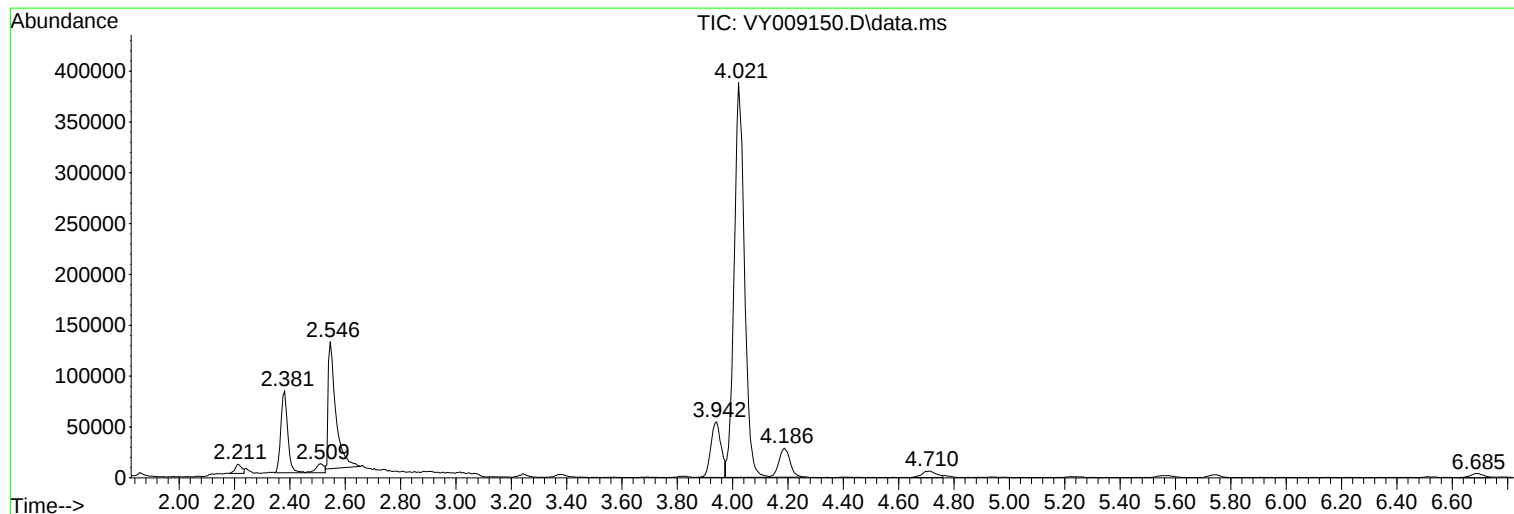
Sum of corrected areas: 9138350

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260

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



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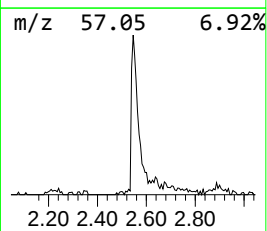
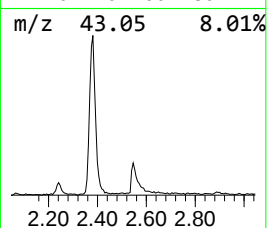
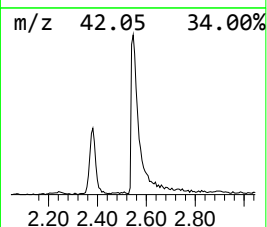
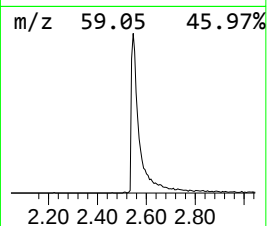
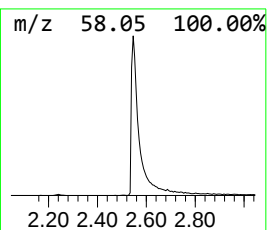
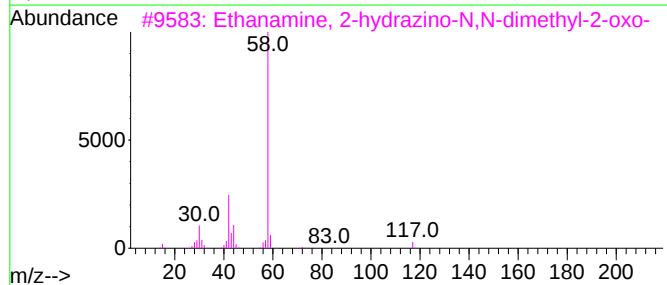
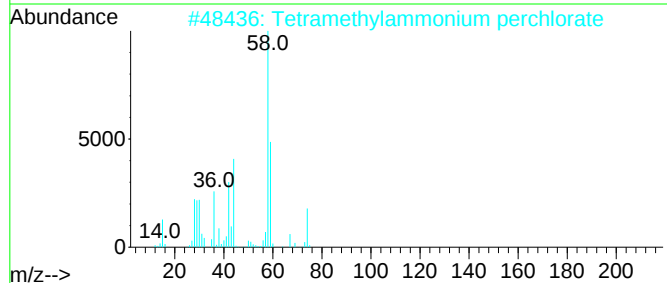
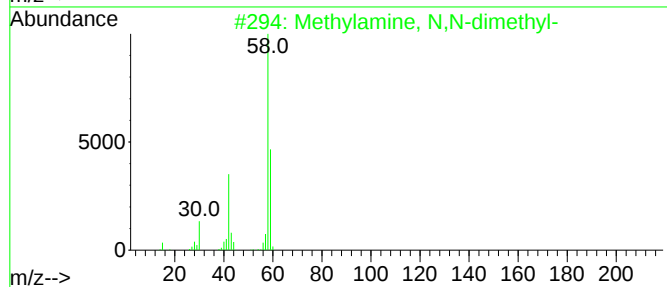
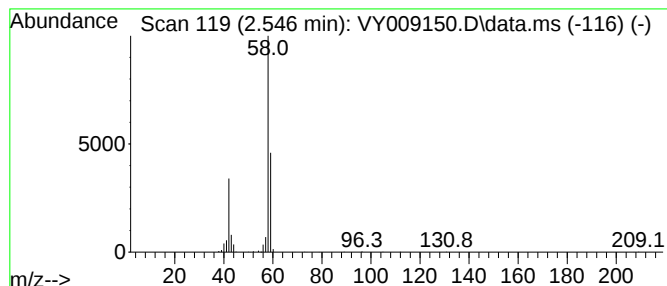
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260

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

Peak Number 2 Methylamine, N,N-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.546	33.25 ug/l	237956	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methylamine, N,N-dimethyl-	59	C3H9N	000075-50-3	91
2			Tetramethylammonium perchlorate	173	C4H12ClNO4	002537-36-2	40
3			Ethanamine, 2-hydrazino-N,N-dime...	117	C4H11N3O	000055-85-6	9
4			Acetone, 1-[4-(dimethylaminoetho...	221	C13H19NO2	086608-11-9	9
5			Oxirane, 2,3-diethyl-	100	C6H12O	004468-66-0	9



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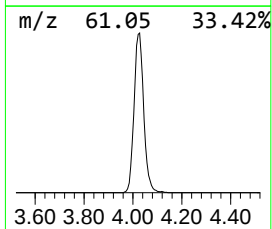
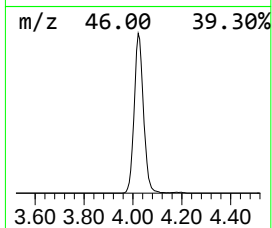
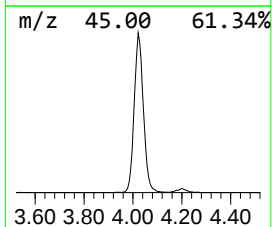
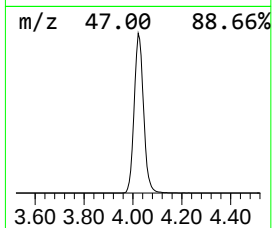
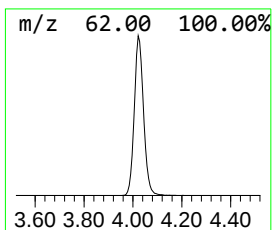
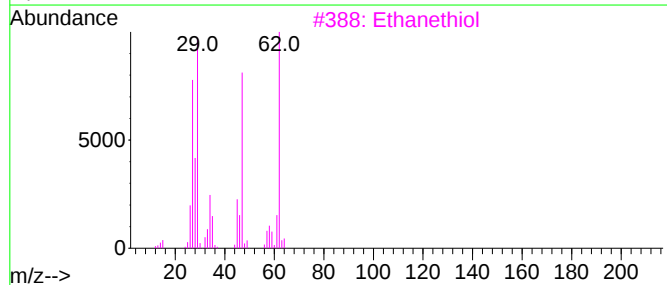
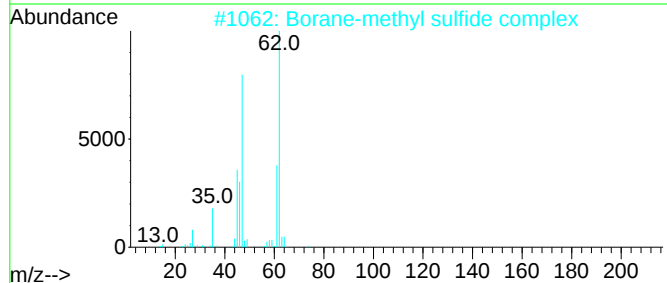
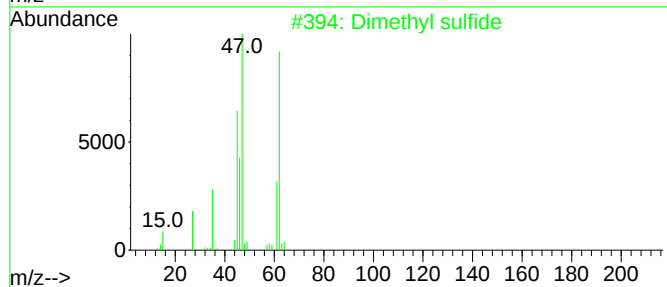
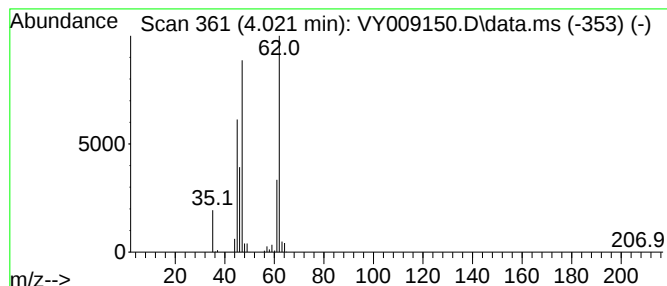
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.021	140.68 ug/l	1006920	Pentafluorobenzene	7.783

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	95
2			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90
3			Ethanethiol	62	C2H6S	000075-08-1	80
4			Ethene, chloro-	62	C2H3Cl	000075-01-4	9
5			Boric acid	62	BH3O3	010043-35-3	5



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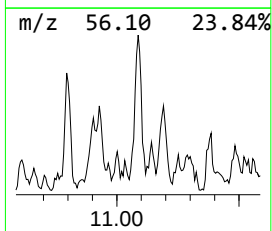
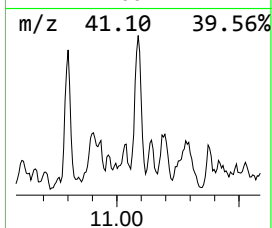
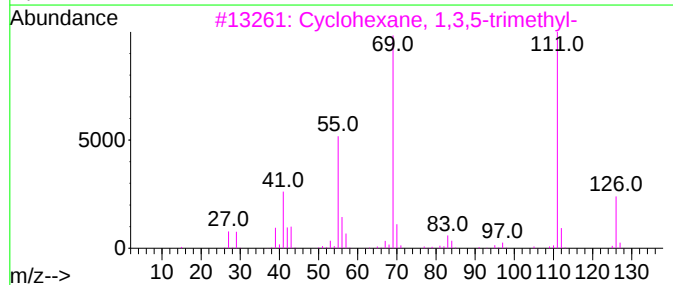
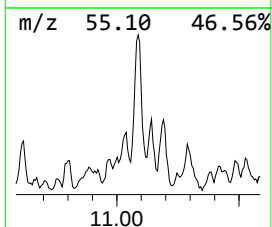
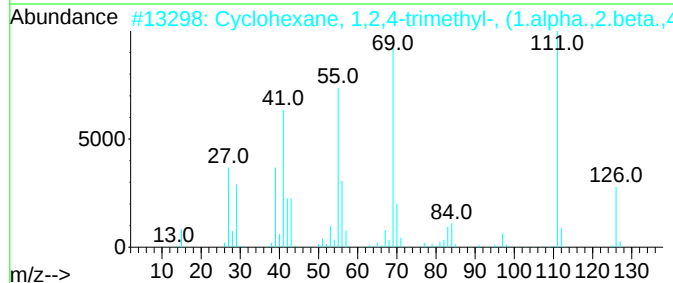
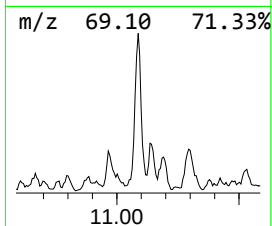
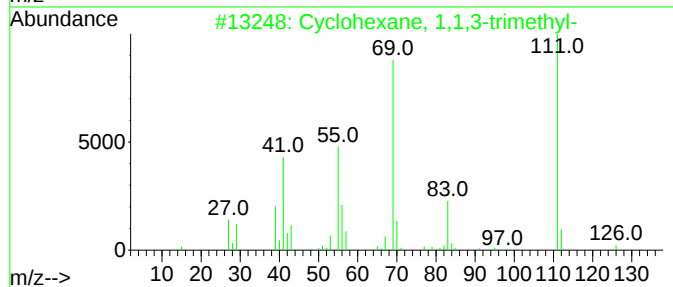
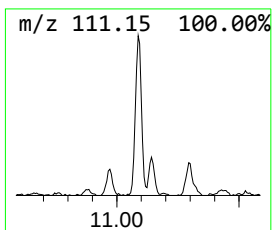
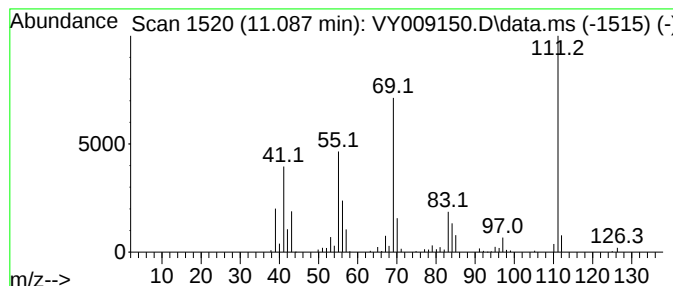
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Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.087	11.25 ug/l	141064	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
2			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	78
3			Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
4			4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	53
5			p-Fluoroaniline	111	C6H6FN	000371-40-4	50



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ClientSampleId :
20220424-AMENDED-COMPOSITE-D

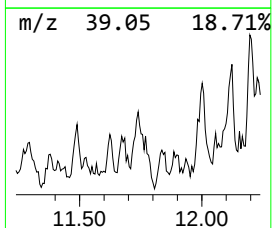
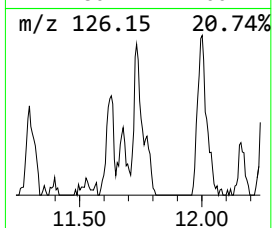
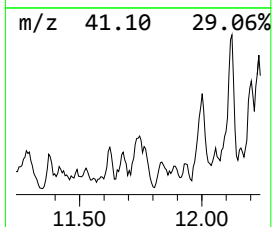
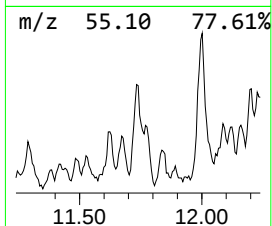
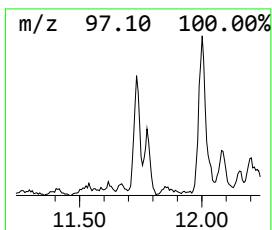
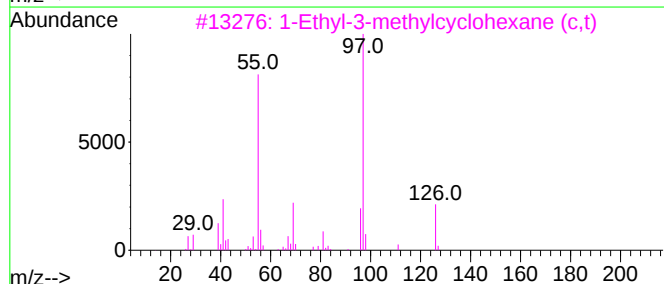
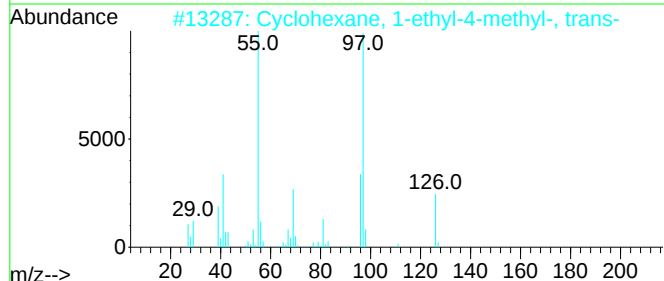
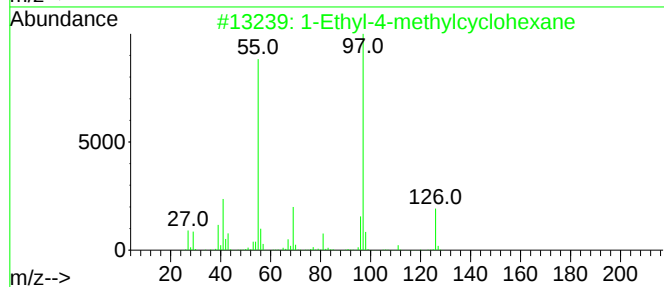
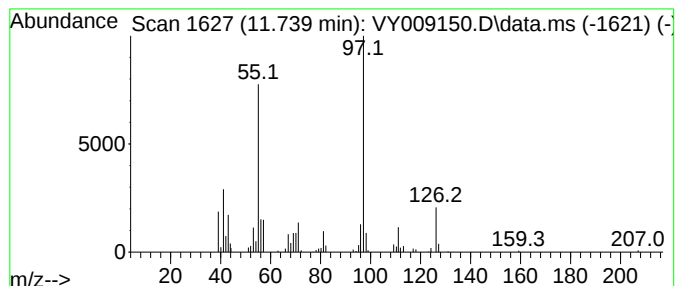
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Quant Title : SW846 8260

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

Peak Number 5 1-Ethyl-4-methylcyclohexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	10.38 ug/l	130164	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
2			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	74
3			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	72
4			2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	72
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
Data File : VY009150.D
Acq On : 06 Jun 2022 16:15
Operator : KP/MD
Sample : N3170-04
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

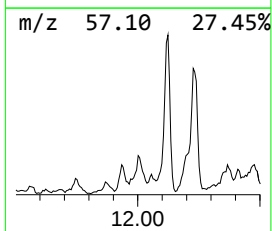
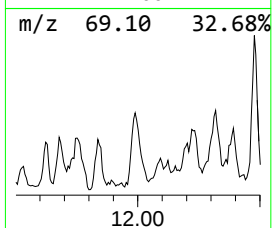
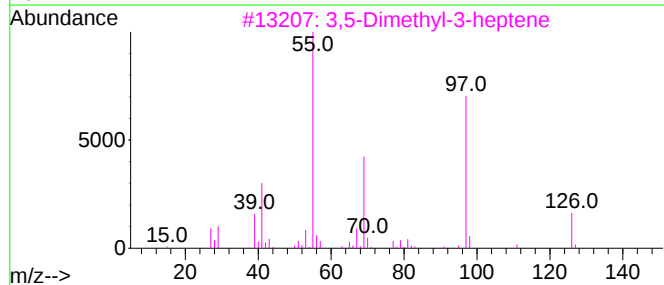
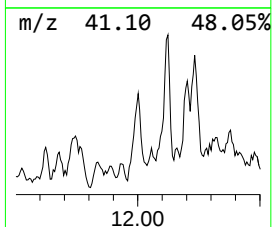
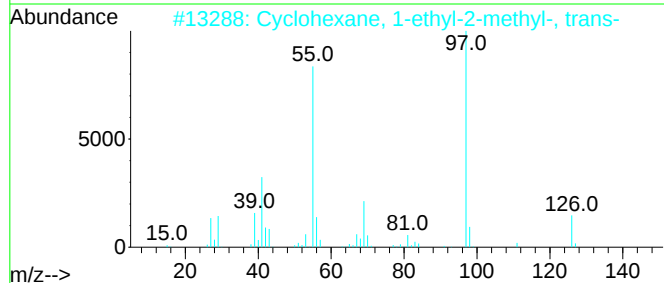
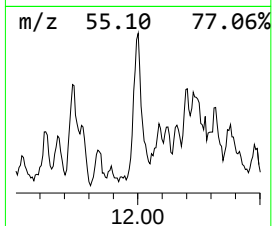
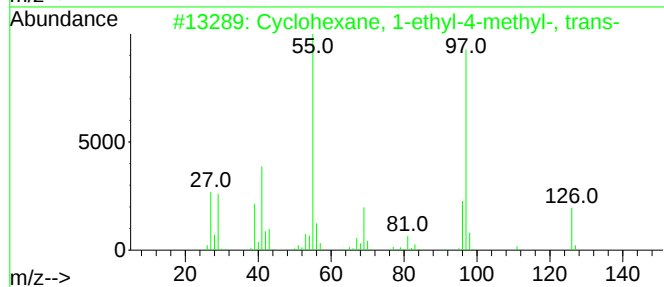
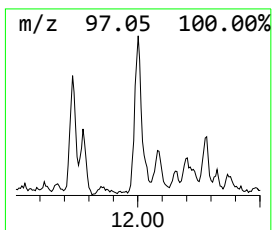
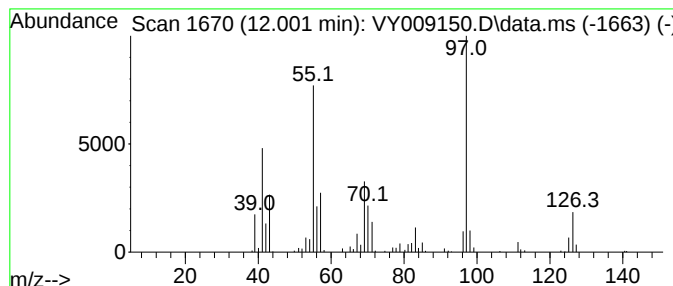
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Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.002	10.15 ug/l	127286	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
2			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	64
3			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	58
5			4-Octen-3-one	126	C8H14O	014129-48-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
Data File : VY009150.D
Acq On : 06 Jun 2022 16:15
Operator : KP/MD
Sample : N3170-04
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

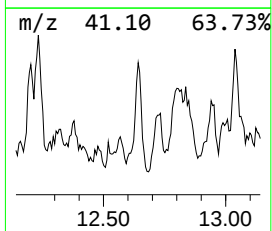
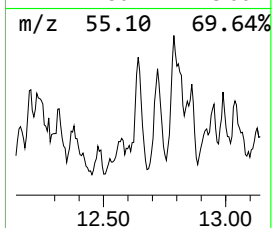
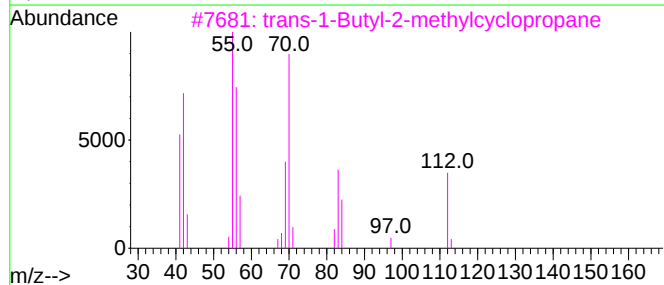
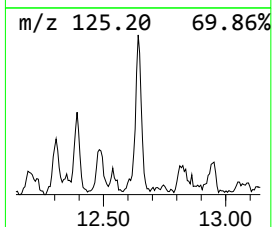
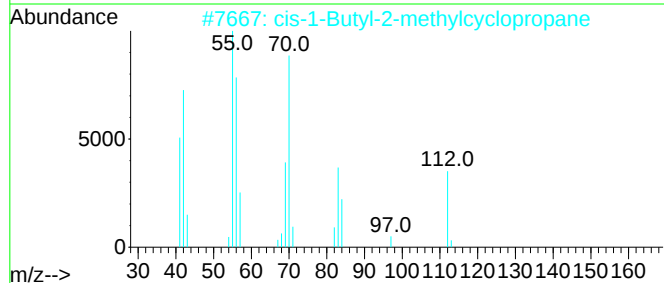
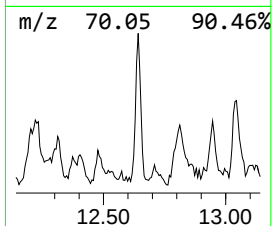
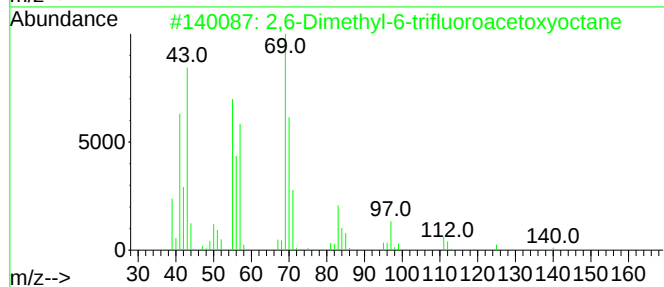
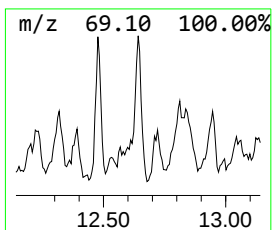
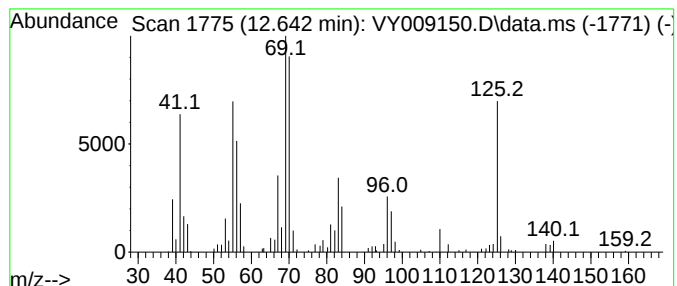
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Quant Title : SW846 8260

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

Peak Number 7 2,6-Dimethyl-6-trifluoroace... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.642	10.45 ug/l	126468	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Dimethyl-6-trifluoroacetoxo...	254	C12H21F3O2	061986-67-2	53
2			cis-1-Butyl-2-methylcyclopropane	112	C8H16	038851-69-3	50
3			trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	50
4			Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	43
5			Cyclopentane, ethyl-	98	C7H14	001640-89-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
Data File : VY009150.D
Acq On : 06 Jun 2022 16:15
Operator : KP/MD
Sample : N3170-04
Misc : 5.07g/5.0mL/MSVOA_Y/Soil
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

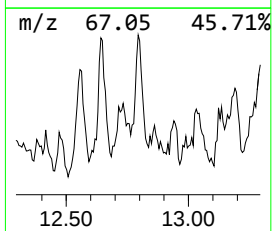
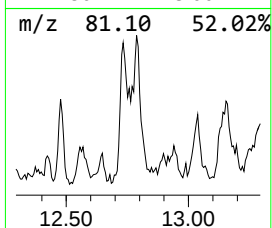
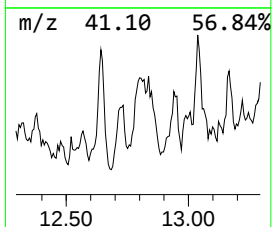
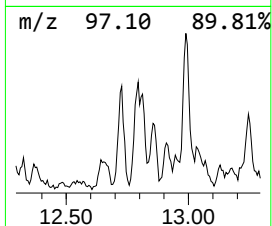
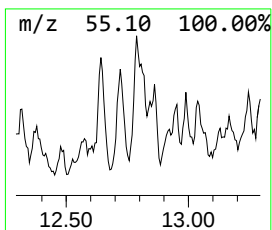
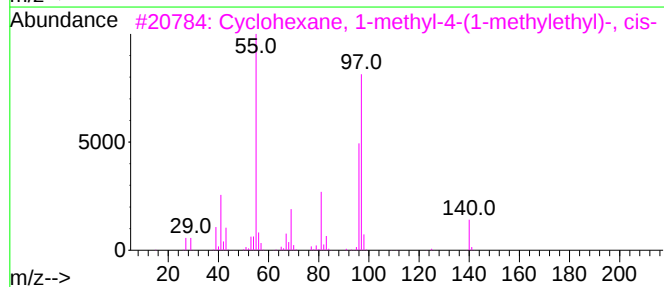
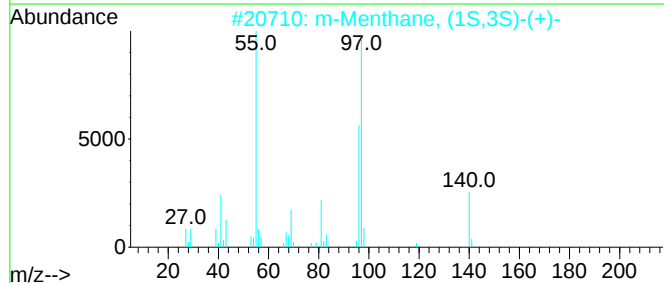
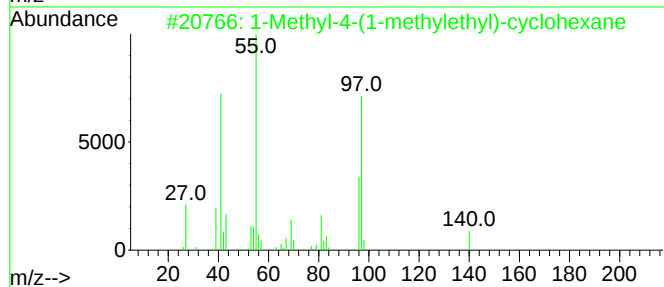
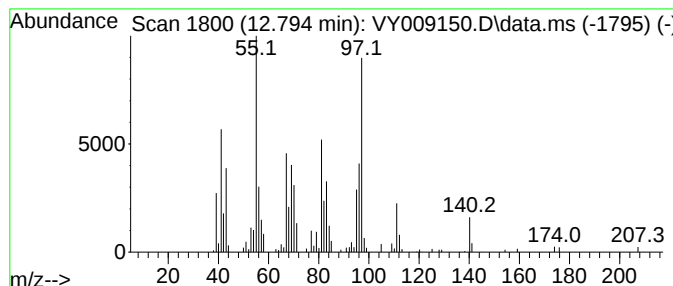
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Quant Title : SW846 8260

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

Peak Number 8 unknown12.794 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.794	10.82 ug/l	130959	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	46
2			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	43
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43
5			Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
Data File : VY009150.D
Acq On : 06 Jun 2022 16:15
Operator : KP/MD
Sample : N3170-04
Misc : 5.07g/5.0mL/MSVOA_Y/soil
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

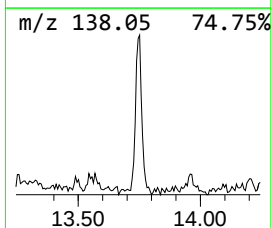
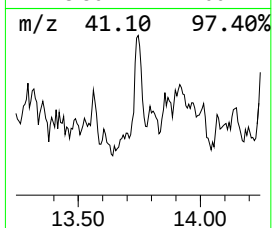
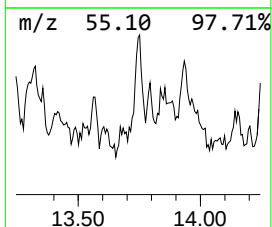
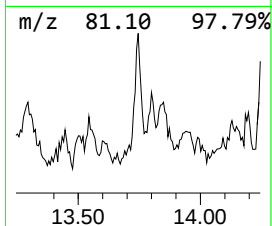
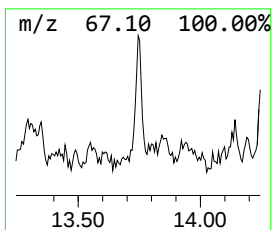
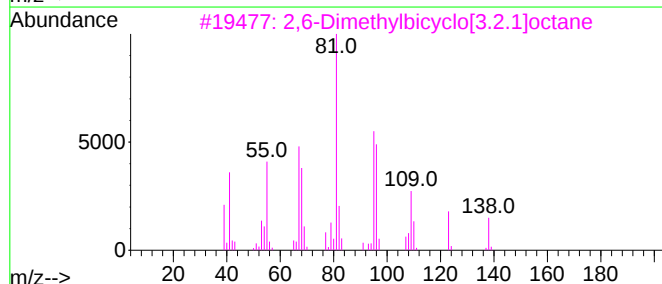
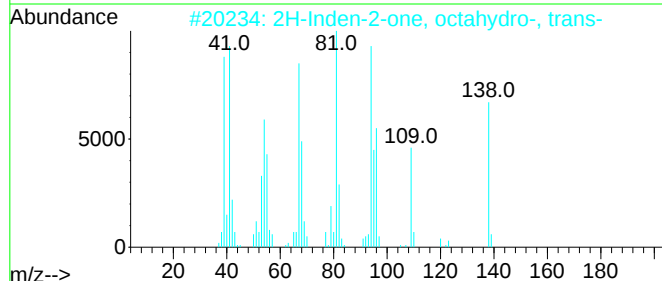
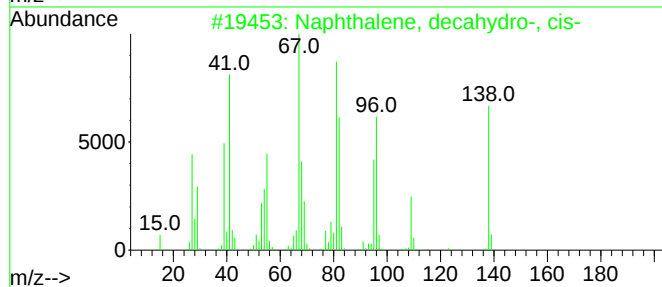
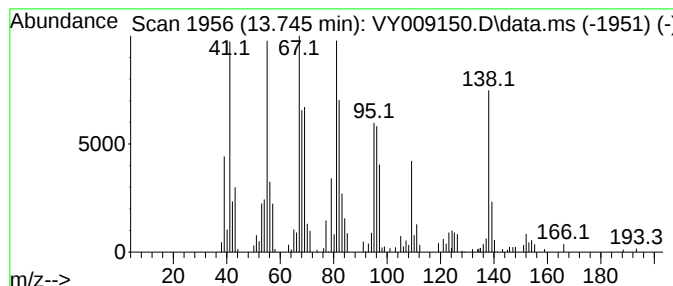
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, decahydro-, cis- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	10.44 ug/l	126370	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	94
2			2H-Inden-2-one, octahydro-, trans-	138	C9H14O	016484-17-6	87
3			2,6-Dimethylbicyclo[3.2.1]octane	138	C10H18	1000215-28-2	81
4			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	70
5			Naphthalene, decahydro-	138	C10H18	000091-17-8	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
Data File : VY009150.D
Acq On : 06 Jun 2022 16:15
Operator : KP/MD
Sample : N3170-04
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

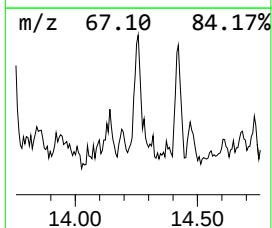
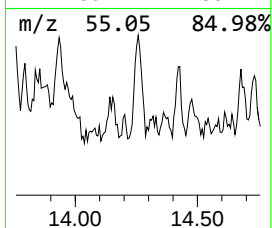
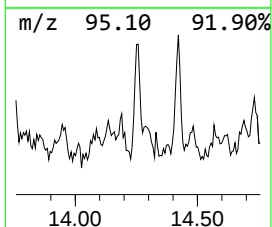
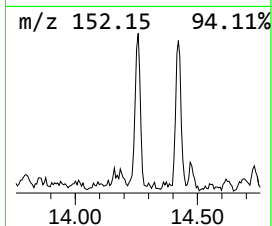
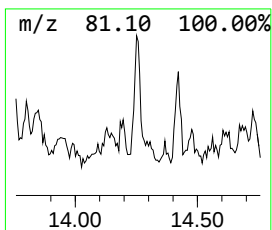
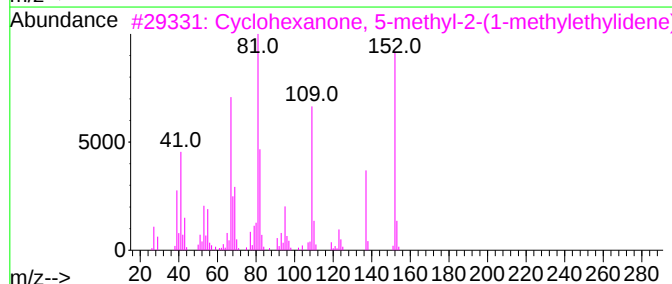
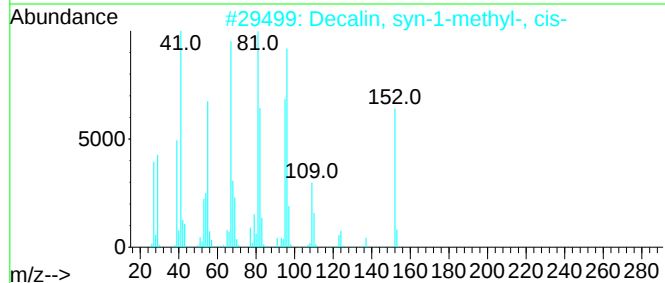
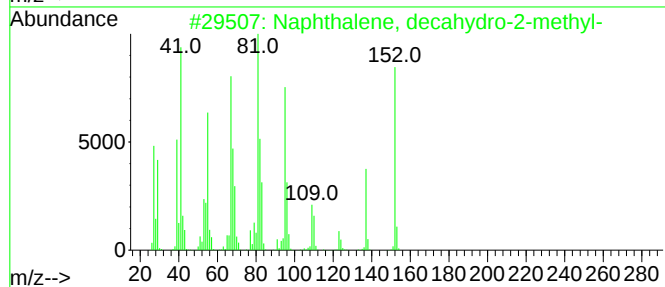
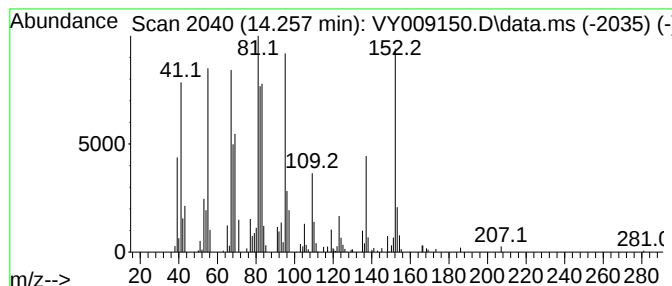
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.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.
14.257	11.33 ug/l	137052	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	76
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	70
4			Pulegone	152	C10H16O	000089-82-7	70
5			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
Data File : VY009150.D
Acq On : 06 Jun 2022 16:15
Operator : KP/MD
Sample : N3170-04
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20220424-AMENDED-COMPOSITE-D

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.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
Methylamine, N,...	2.546	33.3	ug/l	237956	1	7.783	357880	50.0
Dimethyl sulfide	4.021	140.7	ug/l	1006920	1	7.783	357880	50.0
Cyclohexane, 1,...	11.087	11.3	ug/l	141064	3	11.489	626861	50.0
1-Ethyl-4-methy...	11.739	10.4	ug/l	130164	3	11.489	626861	50.0
Cyclohexane, 1-...	12.002	10.2	ug/l	127286	3	11.489	626861	50.0
2,6-Dimethyl-6-...	12.642	10.4	ug/l	126468	4	13.422	605069	50.0
unknown12.794	12.794	10.8	ug/l	130959	4	13.422	605069	50.0
Naphthalene, de...	13.745	10.4	ug/l	126370	4	13.422	605069	50.0
Naphthalene, de...	14.257	11.3	ug/l	137052	4	13.422	605069	50.0