

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
 Data File : VY012537.D
 Acq On : 08 Feb 2023 13:05
 Operator : KP/MD
 Sample : 01465-05
 Misc : 2.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-GRAB-4

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\82Y020723S.M
 Title : SW846 8260

Signal : TIC: VY012537.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	19	rVB2	11490	22992	3.28%	0.240%
2	2.223	59	66	67	rBV2	5818	7866	1.12%	0.082%
3	2.253	67	71	77	rVB	12586	20907	2.99%	0.218%
4	3.259	228	236	246	rVB5	2573	7198	1.03%	0.075%
5	3.948	338	349	359	rBV	66267	180815	25.82%	1.886%
6	4.027	359	362	373	rVB2	9546	22027	3.15%	0.230%
7	4.198	379	390	406	rBV	55135	154052	22.00%	1.607%
8	4.479	425	436	450	rBV2	5902	17461	2.49%	0.182%
9	4.716	465	475	487	rBV4	5038	15258	2.18%	0.159%
10	6.984	837	847	867	rBV	53662	149107	21.30%	1.555%
11	7.350	900	907	918	rVB5	3353	9400	1.34%	0.098%
12	7.716	956	967	973	rBV	102120	240935	34.41%	2.513%
13	7.789	973	979	993	rVB	176535	400567	57.21%	4.178%
14	8.143	1028	1037	1048	rBV	95896	212230	30.31%	2.214%
15	8.691	1116	1127	1134	rBV	260112	513167	73.29%	5.353%
16	8.758	1134	1138	1147	rVB	13288	25819	3.69%	0.269%
17	8.941	1157	1168	1175	rBV3	13503	28352	4.05%	0.296%
18	10.179	1358	1371	1377	rBV	412349	700191	100.00%	7.303%
19	10.246	1377	1382	1387	rVB	57942	98189	14.02%	1.024%
20	10.386	1397	1405	1413	rVB2	26073	48596	6.94%	0.507%
21	11.288	1543	1553	1562	rVB7	5999	17814	2.54%	0.186%
22	11.380	1562	1568	1573	rBV2	6047	10486	1.50%	0.109%
23	11.489	1579	1586	1599	rBV	384891	659495	94.19%	6.879%
24	11.709	1611	1622	1630	rBV6	21426	74600	10.65%	0.778%
25	11.782	1631	1634	1639	rVB3	8041	12496	1.78%	0.130%
26	11.837	1639	1643	1647	rBV4	4056	8212	1.17%	0.086%
27	11.886	1647	1651	1655	rBV2	10165	15889	2.27%	0.166%
28	12.008	1662	1671	1682	rBV9	25580	104066	14.86%	1.085%
29	12.124	1685	1690	1694	rVB2	30280	48789	6.97%	0.509%
30	12.203	1698	1703	1705	rBV3	20548	35040	5.00%	0.365%
31	12.233	1705	1708	1714	rVB4	30943	56867	8.12%	0.593%
32	12.325	1719	1723	1727	rBV6	8005	13223	1.89%	0.138%
33	12.386	1728	1733	1735	rBV6	15208	26594	3.80%	0.277%
34	12.410	1735	1737	1740	rVB	14134	15316	2.19%	0.160%
35	12.483	1743	1749	1754	rBV	287602	455016	64.98%	4.746%
36	12.520	1754	1755	1759	rVB2	15136	14379	2.05%	0.150%

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37	12.575	1760	1764	1768	rVB6	11918	16372	2.34%	0.171%
38	12.642	1772	1775	1783	rVB7	32820	66889	9.55%	0.698%
39	12.733	1783	1790	1793	rBV6	34319	78364	11.19%	0.817%
40	12.806	1796	1802	1809	rBV3	118001	229440	32.77%	2.393%
41	12.910	1816	1819	1822	rBV4	9113	12502	1.79%	0.130%
42	12.971	1822	1829	1833	rBV3	44340	122312	17.47%	1.276%
43	13.038	1837	1840	1844	rBV2	83324	121339	17.33%	1.266%
44	13.123	1851	1854	1858	rVB3	34863	47507	6.78%	0.496%
45	13.172	1858	1862	1866	rBV	33768	50969	7.28%	0.532%
46	13.221	1867	1870	1873	rBV	24249	37635	5.37%	0.393%
47	13.288	1877	1881	1883	rBV2	48071	73317	10.47%	0.765%
48	13.337	1884	1889	1897	rVB4	239720	488282	69.74%	5.093%
49	13.428	1897	1904	1909	rBV	320977	527200	75.29%	5.499%
50	13.562	1923	1926	1930	rVB5	18605	25430	3.63%	0.265%
51	13.751	1951	1957	1961	rBV2	191695	298477	42.63%	3.113%
52	13.794	1961	1964	1967	rVV2	20781	29587	4.23%	0.309%
53	13.916	1980	1984	1989	rBV6	42590	67931	9.70%	0.709%
54	13.965	1989	1992	1996	rVB3	59073	84068	12.01%	0.877%
55	14.013	1997	2000	2005	rVB3	58348	91055	13.00%	0.950%
56	14.080	2006	2011	2015	rBV3	58745	101411	14.48%	1.058%
57	14.141	2016	2021	2027	rVB6	47356	92389	13.19%	0.964%
58	14.196	2027	2030	2033	rBV3	23920	39223	5.60%	0.409%
59	14.257	2033	2040	2046	rBV10	101195	272419	38.91%	2.841%
60	14.312	2047	2049	2056	rVB5	46218	73547	10.50%	0.767%
61	14.379	2056	2060	2063	rBV3	66355	94495	13.50%	0.986%
62	14.422	2063	2067	2071	rVB3	65889	96134	13.73%	1.003%
63	14.477	2072	2076	2079	rBV5	29343	41437	5.92%	0.432%
64	14.611	2094	2098	2103	rVB	131623	176647	25.23%	1.843%
65	14.678	2104	2109	2114	rVV4	79362	172204	24.59%	1.796%
66	14.727	2114	2117	2124	rVB2	131815	216839	30.97%	2.262%
67	14.843	2133	2136	2139	rBV4	15417	20055	2.86%	0.209%
68	14.940	2148	2152	2156	rVB4	43925	65561	9.36%	0.684%
69	15.050	2165	2170	2175	rBV4	37443	88638	12.66%	0.925%
70	15.214	2191	2197	2206	rBV5	92453	215074	30.72%	2.243%
71	15.294	2207	2210	2213	rVB2	27736	34780	4.97%	0.363%
72	15.349	2214	2219	2224	rBV7	33208	77485	11.07%	0.808%
73	15.434	2229	2233	2241	rVB4	87931	156543	22.36%	1.633%
74	15.538	2242	2250	2255	rBV6	38452	116549	16.65%	1.216%
75	15.605	2257	2261	2266	rVB5	42642	75266	10.75%	0.785%
76	15.727	2278	2281	2287	rVB4	41584	71661	10.23%	0.747%

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77	16.031	2325	2331	2336	rBV4	35539	76472	10.92%	0.798%
78	16.153	2347	2351	2357	rBV4	36830	61931	8.84%	0.646%
79	16.226	2358	2363	2369	rVV2	47014	93465	13.35%	0.975%
80	16.287	2370	2373	2381	rVB6	23110	41220	5.89%	0.430%
81	16.361	2381	2385	2390	rBV	24949	38470	5.49%	0.401%
82	16.476	2400	2404	2410	rBV9	24241	65280	9.32%	0.681%

Sum of corrected areas: 9587282

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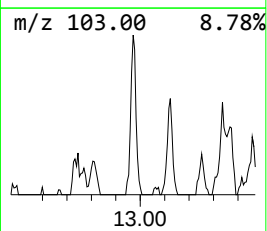
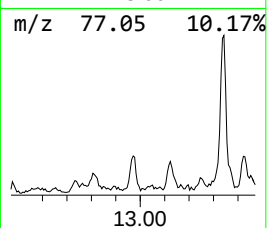
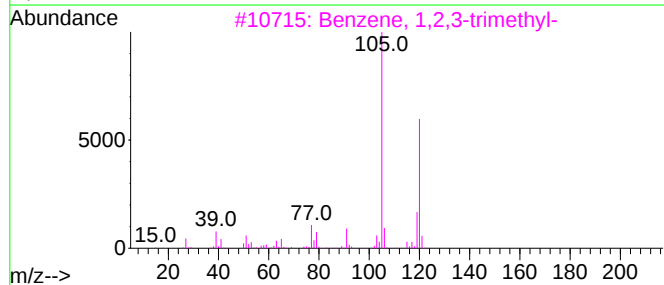
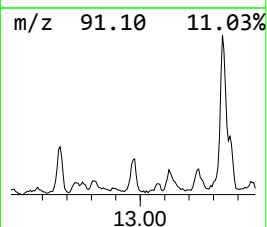
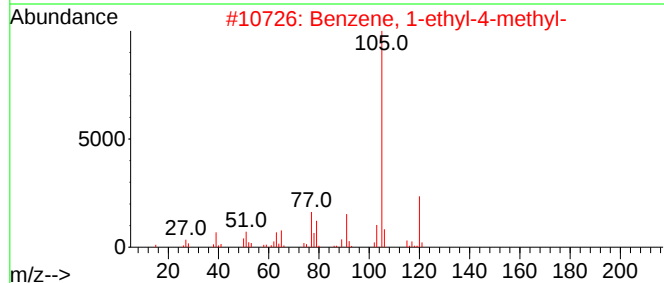
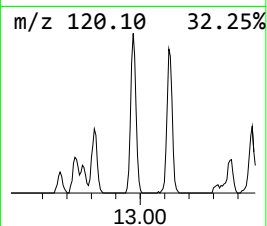
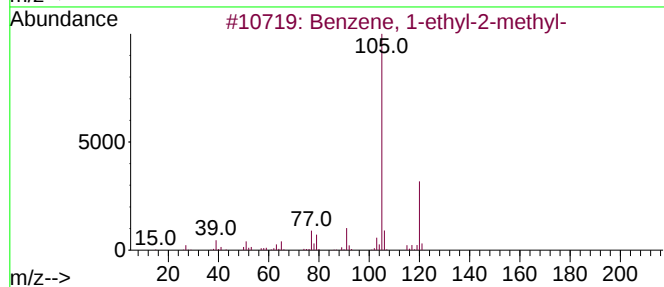
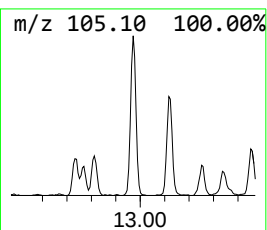
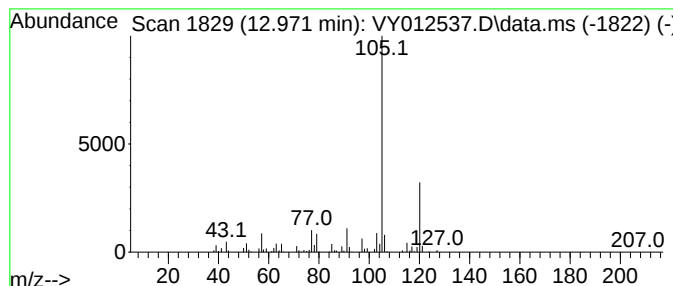
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Quant Title : SW846 8260

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

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.971	11.60 ug/l	122312	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
2			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5			Mesitylene	120	C9H12	000108-67-8	87



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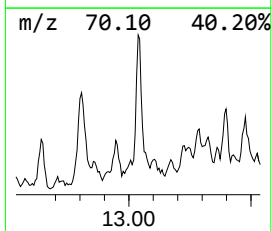
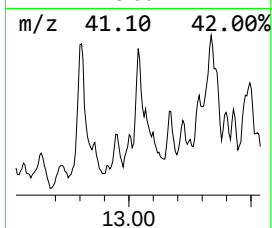
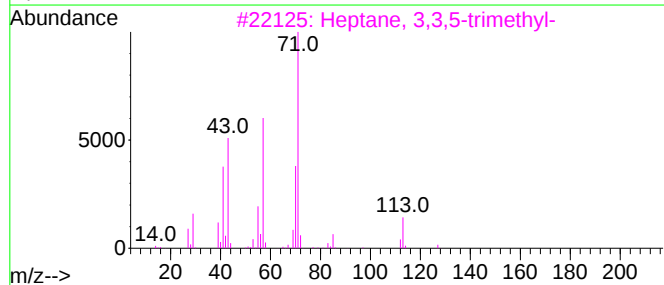
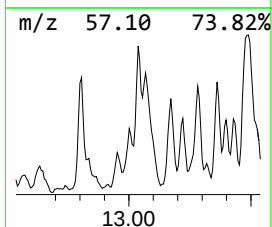
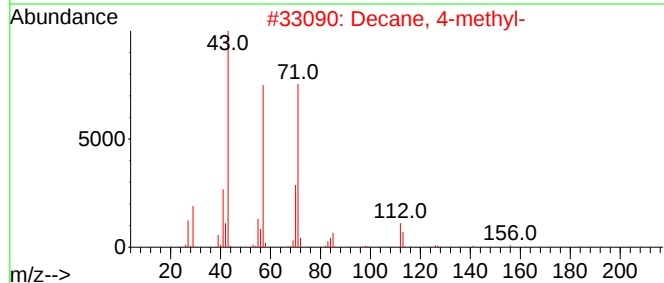
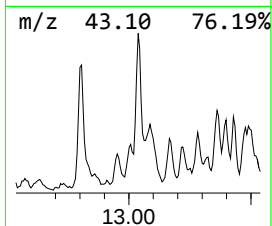
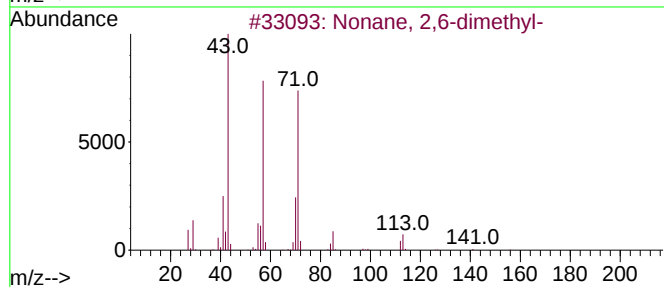
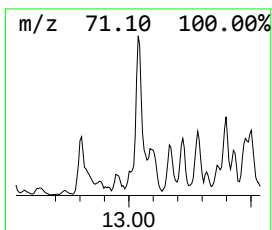
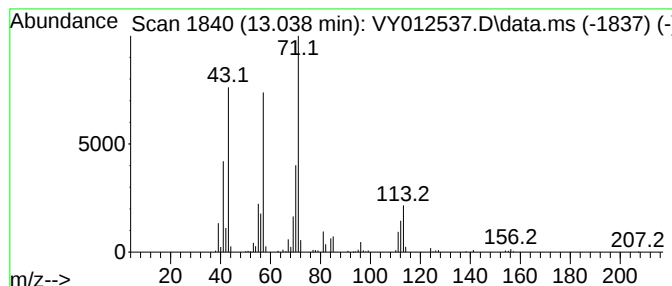
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260

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

Peak Number 2 Nonane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.038	11.51 ug/l	121339	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	83
2			Decane, 4-methyl-	156	C11H24	002847-72-5	81
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	72
4			4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	59
5			Bis(2-ethylhexyl) methylenesucci...	354	C21H38O4	002287-83-4	53



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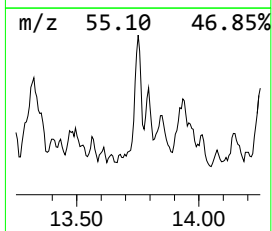
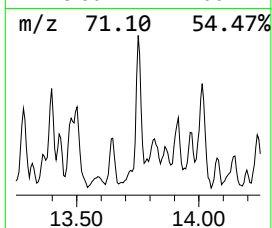
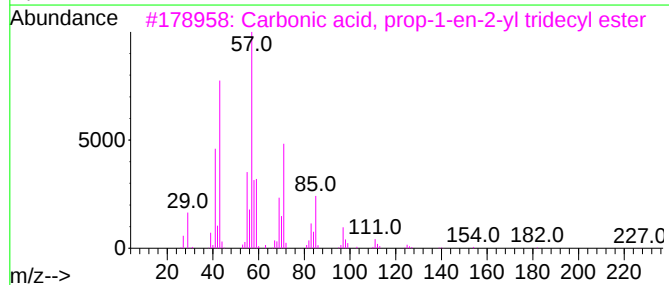
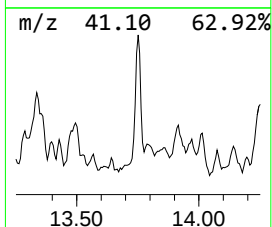
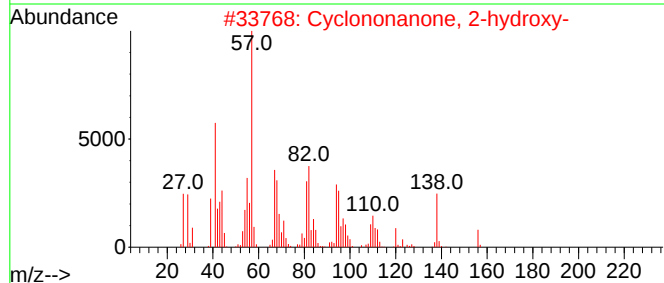
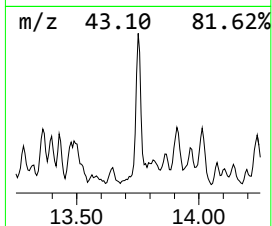
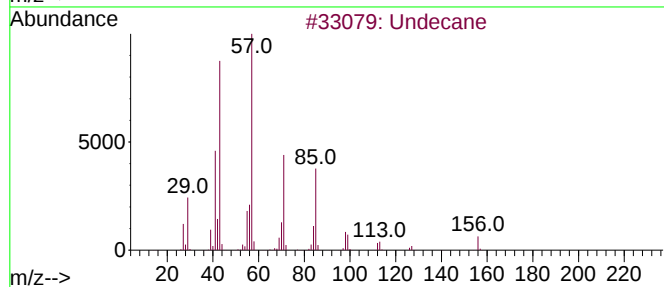
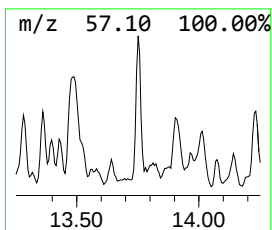
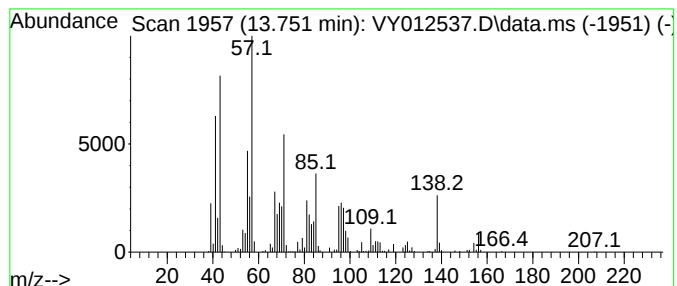
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260

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

Peak Number 3 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	28.31 ug/l	298477	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	89
2			Cyclononane, 2-hydroxy-	156	C9H16O2	000496-83-3	45
3			Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	35
4			Dodecane	170	C12H26	000112-40-3	35
5			3-Decen-2-one	154	C10H18O	010519-33-2	30



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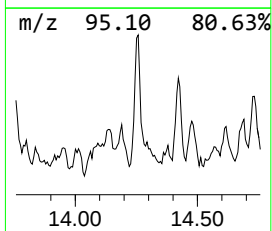
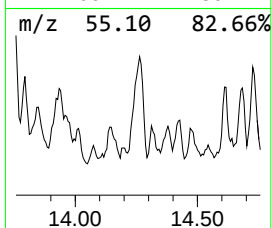
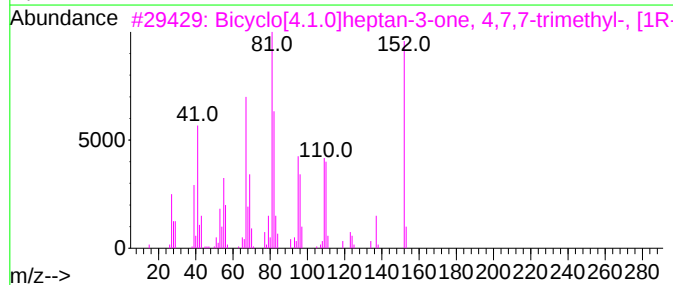
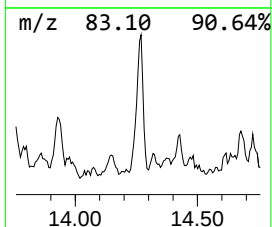
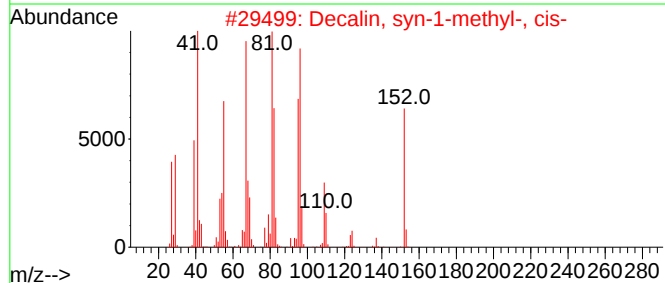
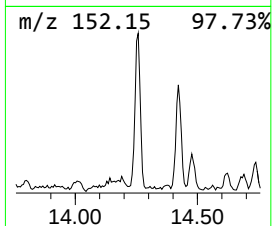
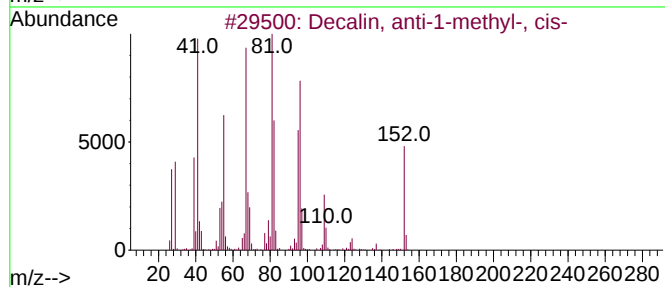
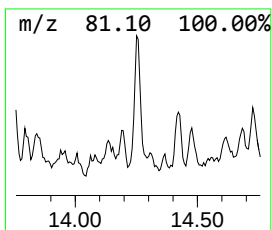
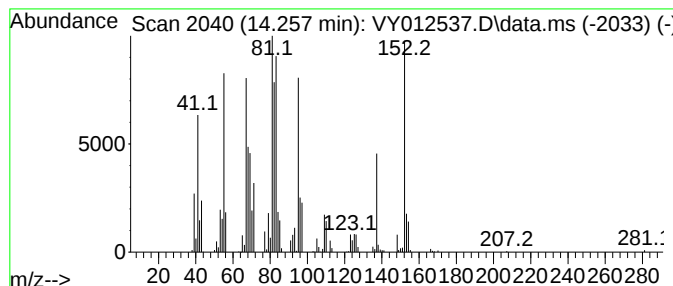
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Quant Title : SW846 8260

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

Peak Number 4 Decalin, anti-1-methyl-, cis- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.257	25.84 ug/l	272419	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	70
2			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	64
3			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	52
4			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49
5			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
Data File : VY012537.D
Acq On : 08 Feb 2023 13:05
Operator : KP/MD
Sample : 01465-05
Misc : 2.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-4

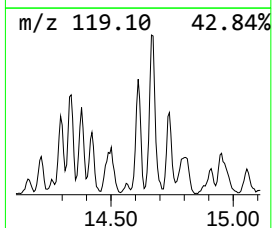
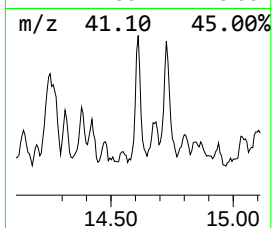
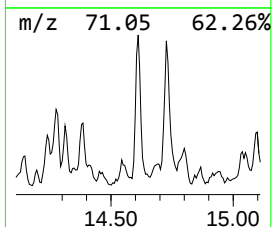
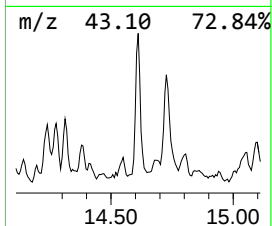
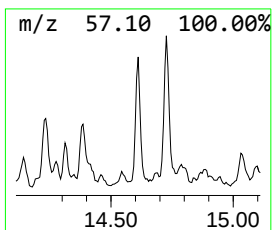
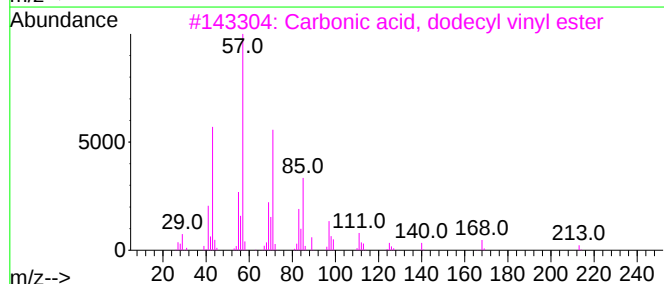
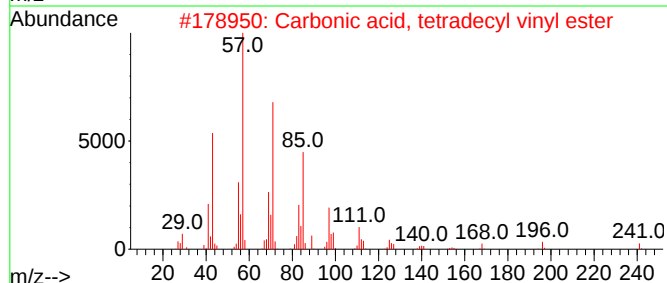
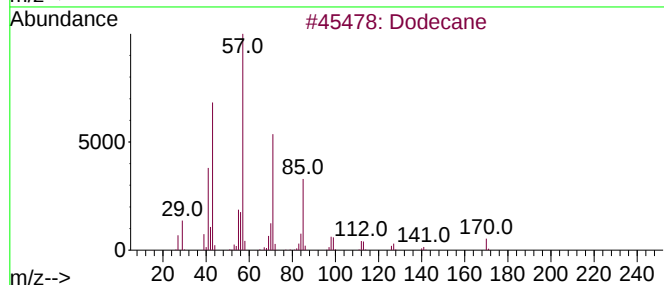
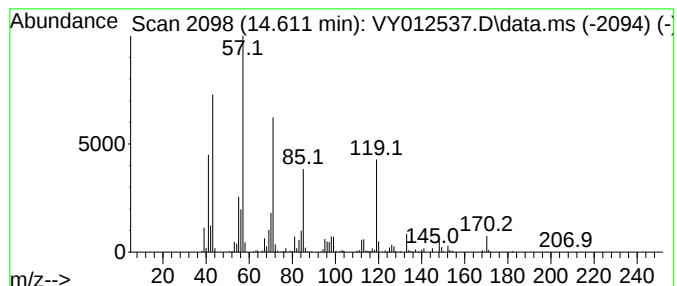
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Quant Title : SW846 8260

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

Peak Number 5 Dodecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	16.75 ug/l	176647	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	95
2			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	52
3			Carbonic acid, dodecyl vinyl ester	256	C15H28O3	1000382-54-8	52
4			Tetradecane	198	C14H30	000629-59-4	52
5			Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
Data File : VY012537.D
Acq On : 08 Feb 2023 13:05
Operator : KP/MD
Sample : 01465-05
Misc : 2.21g/5.0mL/MSVOA_Y/soil
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-4

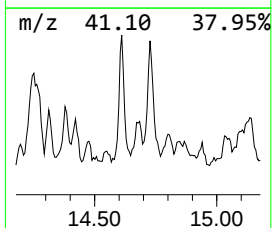
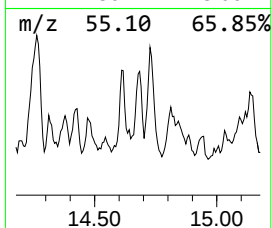
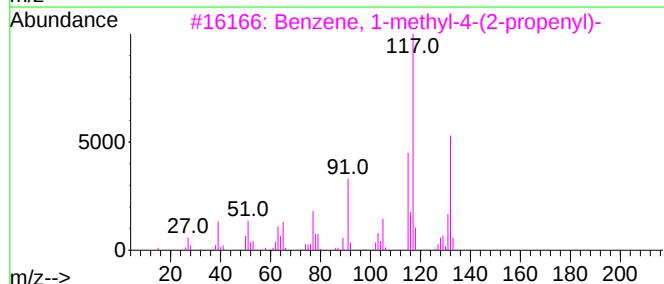
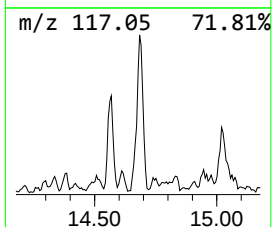
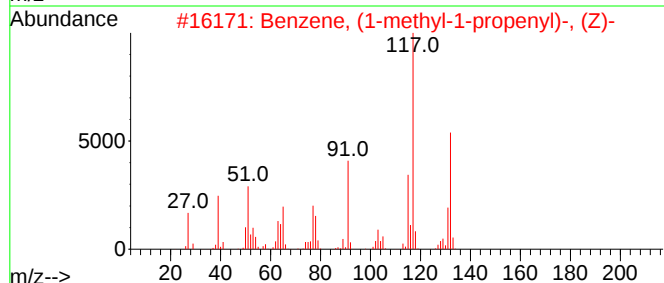
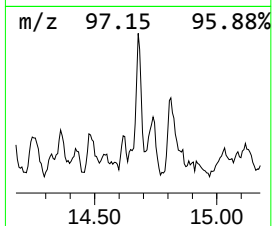
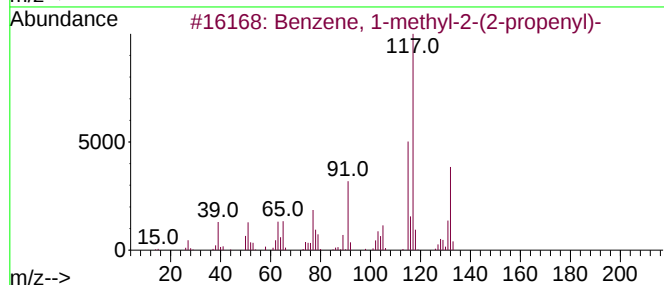
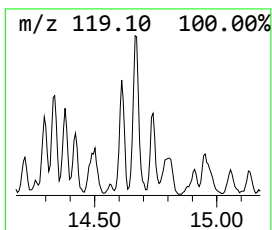
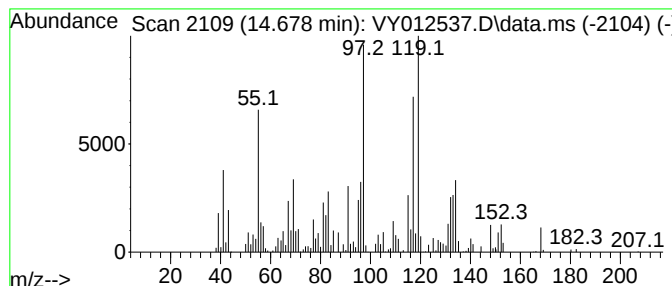
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, 1-methyl-2-(2-prop... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.678	16.33 ug/l	172204	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
2			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	55
3			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	53
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	40
5			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
Data File : VY012537.D
Acq On : 08 Feb 2023 13:05
Operator : KP/MD
Sample : 01465-05
Misc : 2.21g/5.0mL/MSVOA_Y/soil
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-4

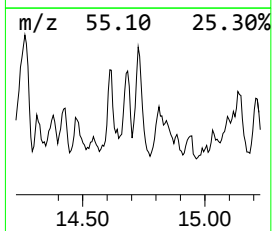
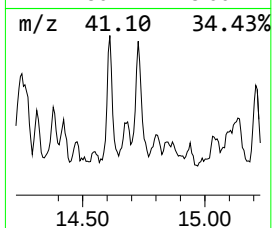
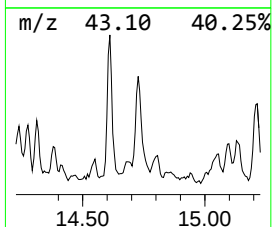
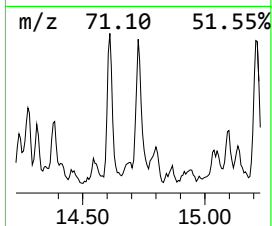
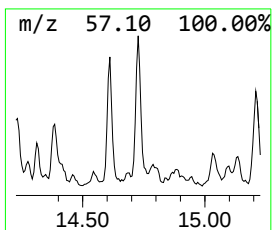
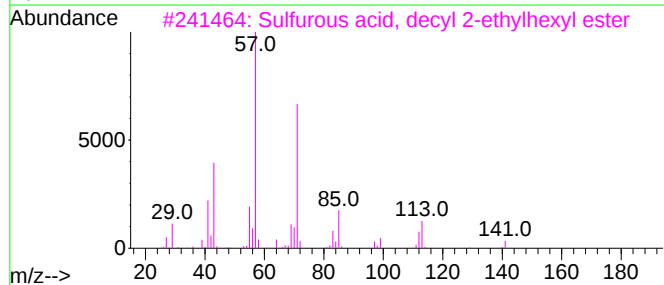
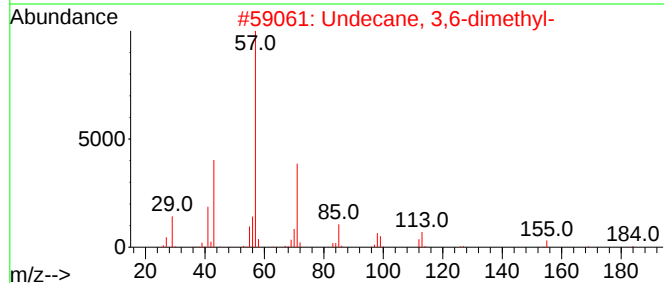
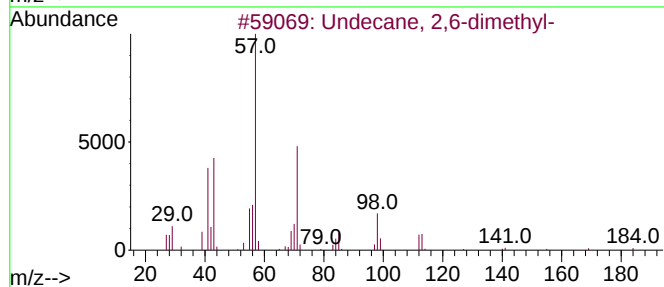
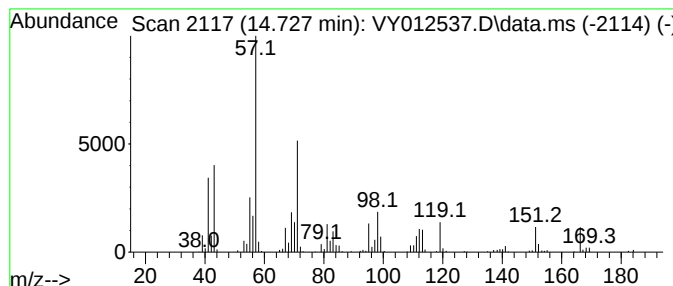
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Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	20.57 ug/l	216839	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	47
4			Dodecane, 6-methyl-	184	C13H28	006044-71-9	46
5			Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
Data File : VY012537.D
Acq On : 08 Feb 2023 13:05
Operator : KP/MD
Sample : 01465-05
Misc : 2.21g/5.0mL/MSVOA_Y/SoIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-4

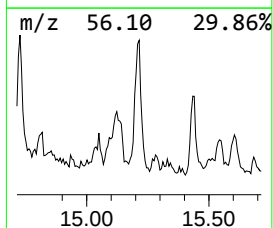
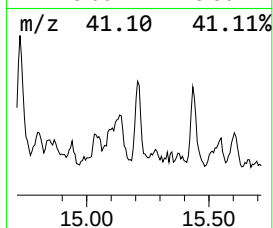
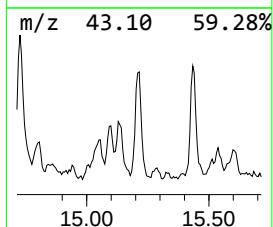
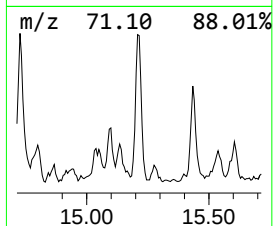
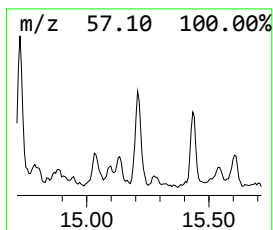
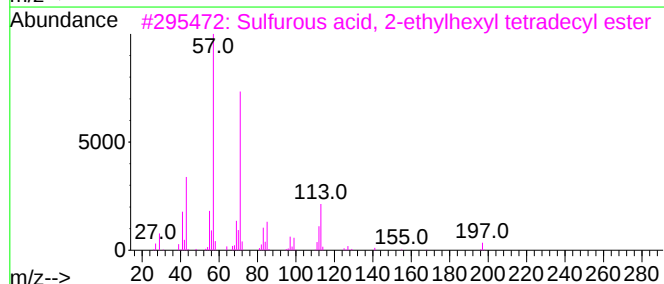
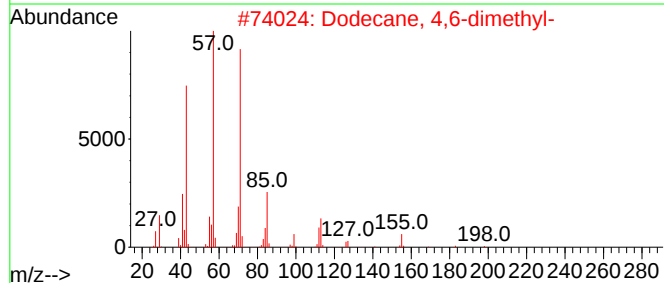
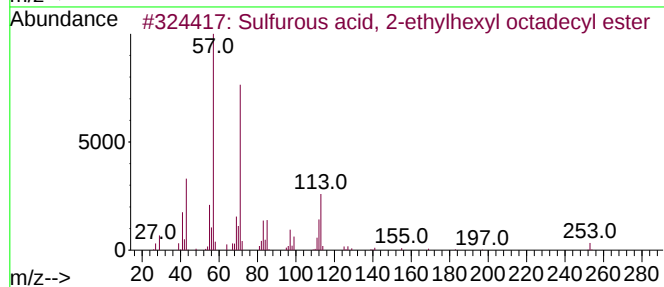
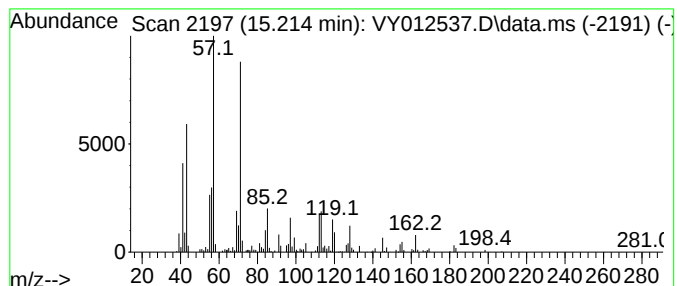
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Quant Title : SW846 8260

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

Peak Number 8 Sulfurous acid, 2-ethylhexy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.214	20.40 ug/l	215074	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl oct...	446	C26H54O3S	1000309-20-1	64
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	58
3			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	53
4			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	53
5			Octane, 2-methyl-	128	C9H20	003221-61-2	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
Data File : VY012537.D
Acq On : 08 Feb 2023 13:05
Operator : KP/MD
Sample : 01465-05
Misc : 2.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-4

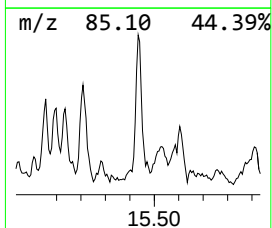
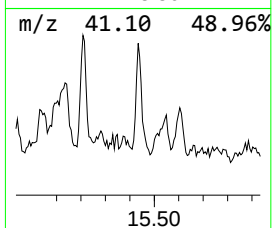
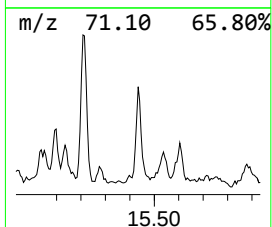
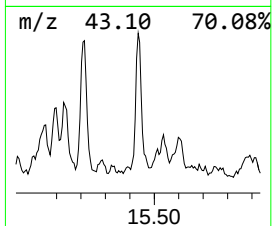
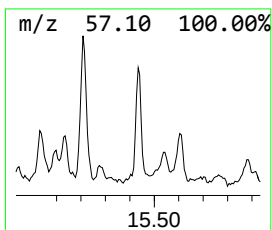
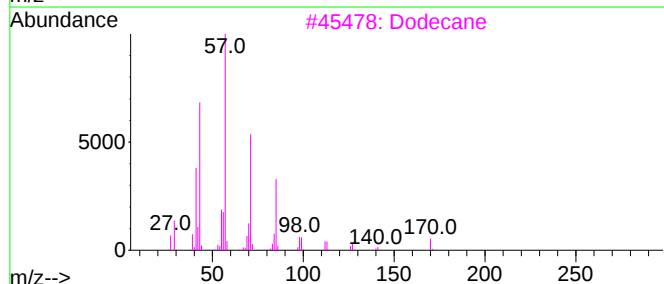
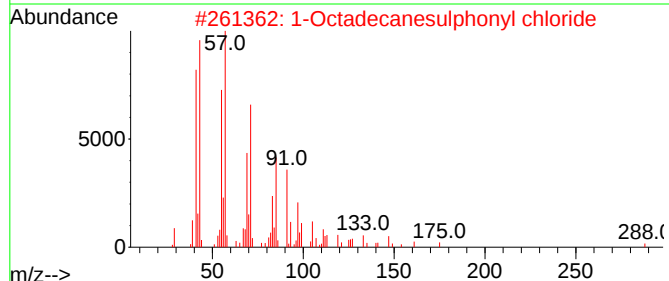
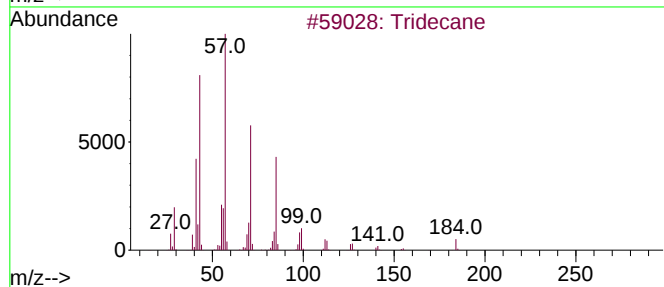
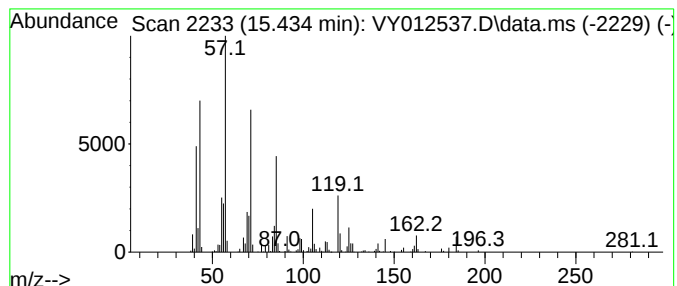
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Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	14.85 ug/l	156543	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	86
2			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	64
3			Dodecane	170	C12H26	000112-40-3	52
4			Tetradecane	198	C14H30	000629-59-4	52
5			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
Data File : VY012537.D
Acq On : 08 Feb 2023 13:05
Operator : KP/MD
Sample : 01465-05
Misc : 2.21g/5.0mL/MSVOA_Y/Soil
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-4

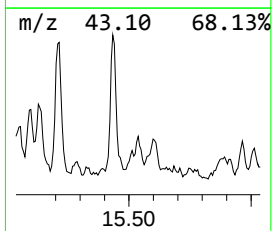
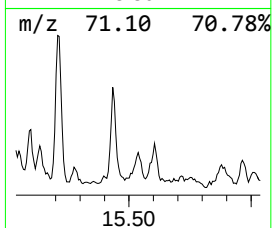
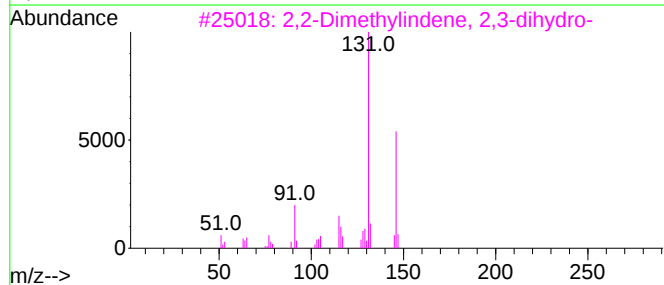
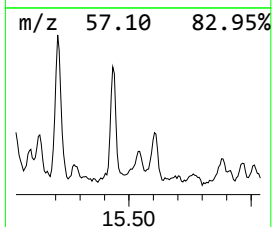
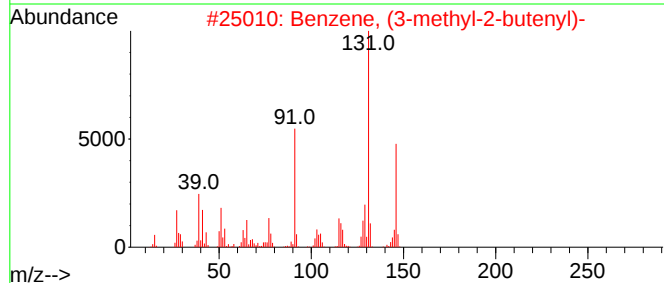
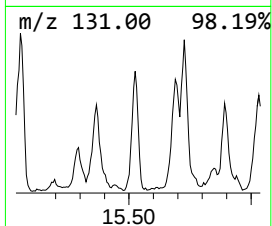
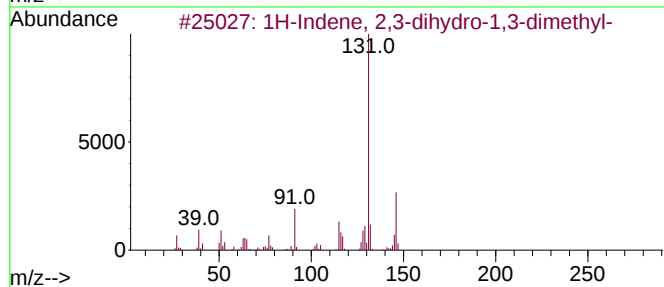
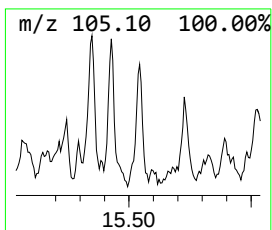
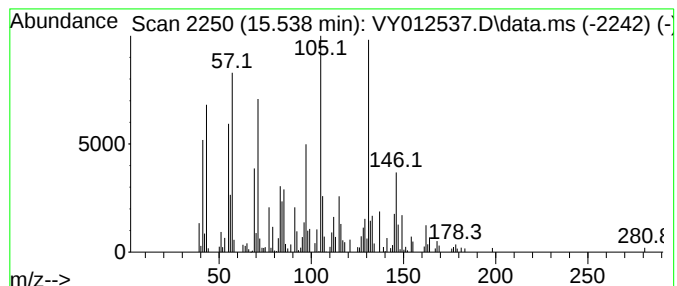
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Quant Title : SW846 8260

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

Peak Number 10 unknown15.538 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.538	11.05 ug/l	116549	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	38
2			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	38
3			2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	38
4			1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	38
5			1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020823\
Data File : VY012537.D
Acq On : 08 Feb 2023 13:05
Operator : KP/MD
Sample : 01465-05
Misc : 2.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-GRAB-4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.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
Benzene, 1-ethy...	12.971	11.6	ug/l	122312	4	13.428	527200	50.0
Nonane, 2,6-dim...	13.038	11.5	ug/l	121339	4	13.428	527200	50.0
Undecane	13.751	28.3	ug/l	298477	4	13.428	527200	50.0
Decalin, anti-1...	14.257	25.8	ug/l	272419	4	13.428	527200	50.0
Dodecane	14.611	16.8	ug/l	176647	4	13.428	527200	50.0
Benzene, 1-meth...	14.678	16.3	ug/l	172204	4	13.428	527200	50.0
Undecane, 2,6-d...	14.727	20.6	ug/l	216839	4	13.428	527200	50.0
Sulfurous acid,...	15.214	20.4	ug/l	215074	4	13.428	527200	50.0
Tridecane	15.434	14.9	ug/l	156543	4	13.428	527200	50.0
unknown15.538	15.538	11.1	ug/l	116549	4	13.428	527200	50.0