

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008623.D
 Acq On : 04 May 2022 19:31
 Operator : KP/MD
 Sample : N2619-18
 Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB08-13-14-FT

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\82Y050222S.M
 Title : SW846 8260

Signal : TIC: VY008623.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.388	86	93	99	rBV	4186	8414	1.14%	0.112%
2	3.948	340	349	360	rBV2	6006	17052	2.30%	0.227%
3	4.716	464	475	488	rBV3	8132	26070	3.52%	0.347%
4	5.747	636	644	654	rVB4	2784	8513	1.15%	0.113%
5	6.984	835	847	868	rBV	11919	47848	6.45%	0.638%
6	7.716	958	967	973	rBV	97788	231100	31.18%	3.080%
7	7.789	973	979	996	rVB	151165	341708	46.10%	4.554%
8	8.124	1022	1034	1054	rBV2	158363	528049	71.23%	7.038%
9	8.325	1055	1067	1075	rVV2	41093	99695	13.45%	1.329%
10	8.691	1119	1127	1137	rVB	237752	470128	63.42%	6.266%
11	9.185	1201	1208	1213	rBV	41347	82152	11.08%	1.095%
12	9.240	1213	1217	1226	rVV	42697	83676	11.29%	1.115%
13	9.319	1226	1230	1236	rVB2	3753	7461	1.01%	0.099%
14	9.429	1241	1248	1257	rVV7	3459	10198	1.38%	0.136%
15	9.514	1257	1262	1270	rVB7	3440	7510	1.01%	0.100%
16	9.618	1270	1279	1286	rBV	61794	120589	16.27%	1.607%
17	9.752	1292	1301	1307	rBV	40922	88274	11.91%	1.177%
18	9.850	1313	1317	1323	rVB5	3724	7434	1.00%	0.099%
19	9.935	1323	1331	1336	rVV	15712	30573	4.12%	0.407%
20	9.990	1336	1340	1348	rVB2	13516	24809	3.35%	0.331%
21	10.112	1348	1360	1366	rBV	262543	464267	62.63%	6.188%
22	10.179	1366	1371	1381	rVV	410333	690164	93.10%	9.199%
23	10.282	1381	1388	1394	rVB	4898	8833	1.19%	0.118%
24	10.484	1411	1421	1427	rBV3	7647	15234	2.06%	0.203%
25	10.581	1427	1437	1441	rBV3	21202	56300	7.59%	0.750%
26	10.636	1441	1446	1454	rVV	85410	154320	20.82%	2.057%
27	10.709	1454	1458	1464	rVB	55132	88575	11.95%	1.181%
28	10.807	1464	1474	1481	rBV	73737	138790	18.72%	1.850%
29	10.904	1481	1490	1499	rBV	159351	367064	49.52%	4.892%
30	10.971	1499	1501	1505	rVB2	16369	21181	2.86%	0.282%
31	11.093	1513	1521	1526	rBV3	41669	94480	12.75%	1.259%
32	11.142	1526	1529	1534	rVB	14458	18581	2.51%	0.248%
33	11.197	1534	1538	1541	rBV5	9801	17227	2.32%	0.230%
34	11.246	1541	1546	1551	rBV	82619	131556	17.75%	1.753%
35	11.301	1551	1555	1556	rBV	12413	14241	1.92%	0.190%
36	11.374	1563	1567	1571	rBV2	13800	25552	3.45%	0.341%

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37	11.422	1571	1575	1579	rVV6	11244	25272	3.41%	0.337%
38	11.490	1579	1586	1592	rVV	435291	741284	100.00%	9.880%
39	11.563	1596	1598	1602	rVV	31533	41443	5.59%	0.552%
40	11.630	1605	1609	1613	rVB3	13682	21766	2.94%	0.290%
41	11.679	1613	1617	1621	rVB5	9410	14610	1.97%	0.195%
42	11.739	1621	1627	1631	rBV2	40431	79702	10.75%	1.062%
43	11.782	1631	1634	1639	rVB2	22170	33260	4.49%	0.443%
44	11.880	1639	1650	1651	rBV7	9700	23473	3.17%	0.313%
45	11.935	1655	1659	1663	rBV3	19810	31008	4.18%	0.413%
46	12.008	1663	1671	1677	rBV4	47023	99239	13.39%	1.323%
47	12.124	1683	1690	1694	rVB	33405	61079	8.24%	0.814%
48	12.197	1695	1702	1706	rBV3	23379	50011	6.75%	0.667%
49	12.282	1712	1716	1723	rBV6	7352	17640	2.38%	0.235%
50	12.355	1723	1728	1740	rVB4	27294	74884	10.10%	0.998%
51	12.483	1741	1749	1757	rVB2	359132	600782	81.05%	8.007%
52	12.575	1760	1764	1768	rBV3	8478	11220	1.51%	0.150%
53	12.630	1768	1773	1782	rVB5	11421	35118	4.74%	0.468%
54	12.721	1782	1788	1793	rBV9	5154	13858	1.87%	0.185%
55	12.812	1793	1803	1809	rBV10	10364	32208	4.34%	0.429%
56	12.867	1809	1812	1817	rVB5	6144	10970	1.48%	0.146%
57	13.008	1831	1835	1837	rBV3	7572	10750	1.45%	0.143%
58	13.069	1843	1845	1849	rVB	8036	8835	1.19%	0.118%
59	13.172	1858	1862	1867	rVB4	8283	14274	1.93%	0.190%
60	13.282	1873	1880	1889	rVB	27585	47646	6.43%	0.635%
61	13.428	1897	1904	1909	rBV	441902	674061	90.93%	8.984%
62	13.477	1909	1912	1921	rVB	24135	45588	6.15%	0.608%
63	13.648	1932	1940	1946	rVB6	6101	11702	1.58%	0.156%
64	13.745	1952	1956	1961	rBV5	6288	10016	1.35%	0.133%
65	13.965	1987	1992	2005	rVB10	3852	12246	1.65%	0.163%
66	14.288	2037	2045	2052	rVB2	10496	24586	3.32%	0.328%
67	14.391	2054	2062	2065	rBV4	5856	11507	1.55%	0.153%
68	14.788	2123	2127	2136	rVB3	5775	10689	1.44%	0.142%
69	15.074	2168	2174	2178	rBV2	9877	15860	2.14%	0.211%
70	15.111	2178	2180	2191	rVB5	3850	9399	1.27%	0.125%
71	15.221	2191	2198	2200	rBV5	4087	8225	1.11%	0.110%
72	15.245	2200	2202	2207	rVB2	5755	7436	1.00%	0.099%
73	15.324	2207	2215	2223	rBV5	5309	13693	1.85%	0.183%

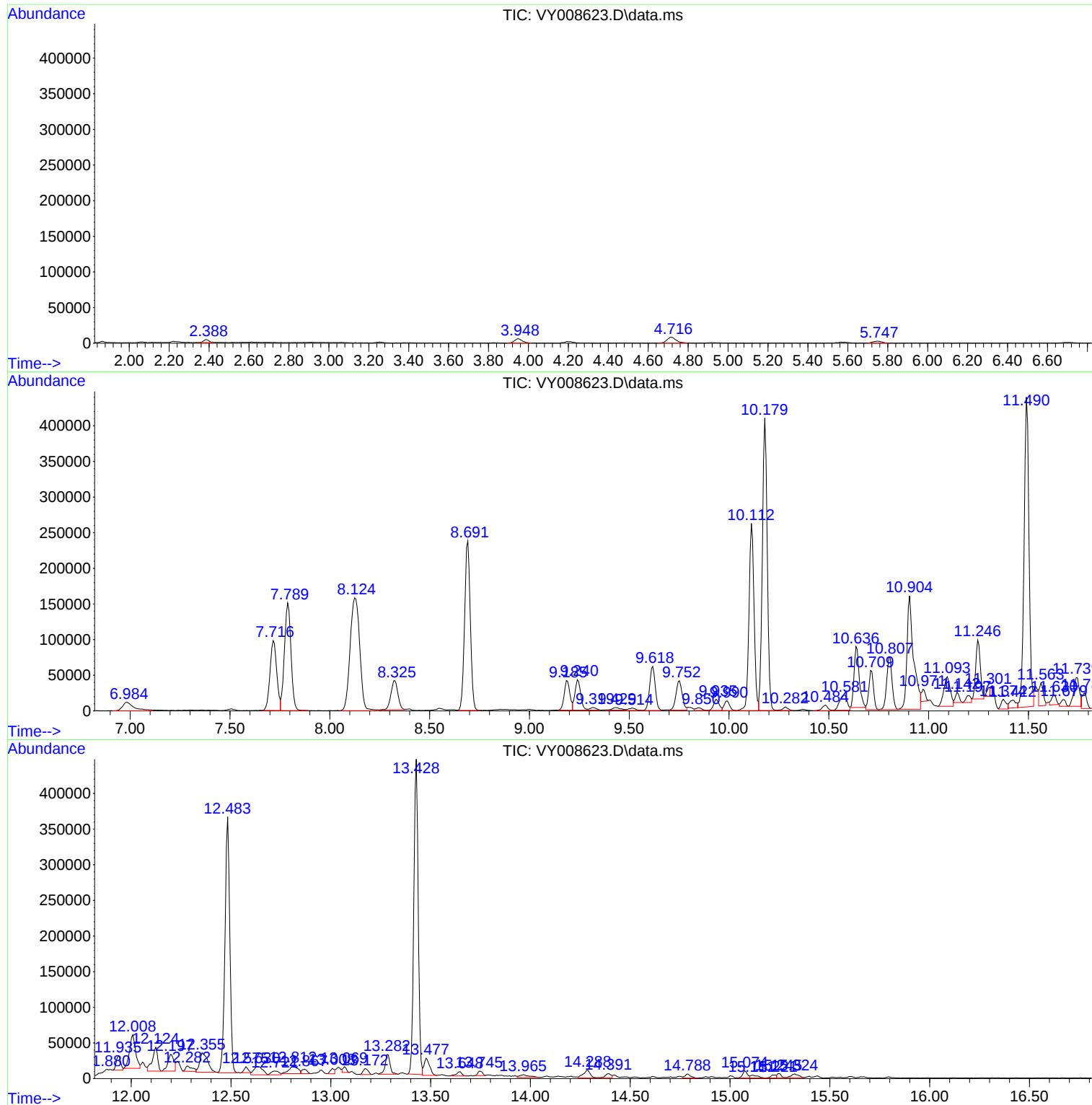
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Instrument :
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ClientSampleId :
SB08-13-14-FT

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

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



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ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB08-13-14-FT

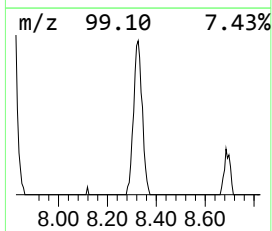
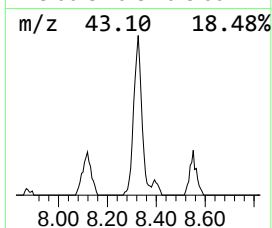
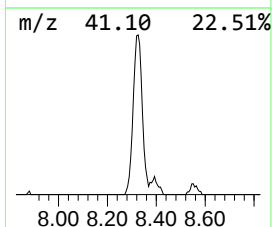
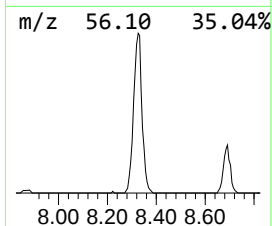
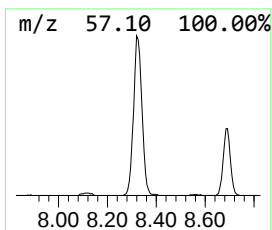
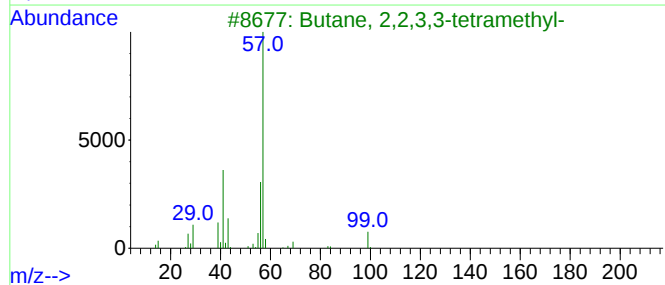
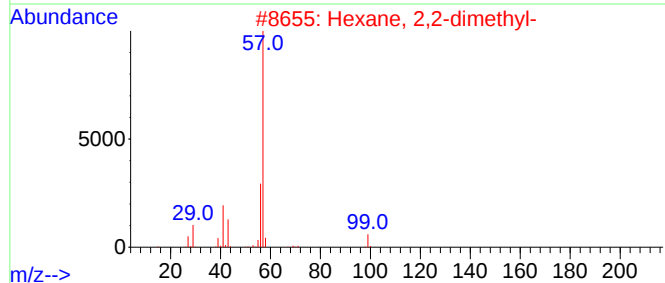
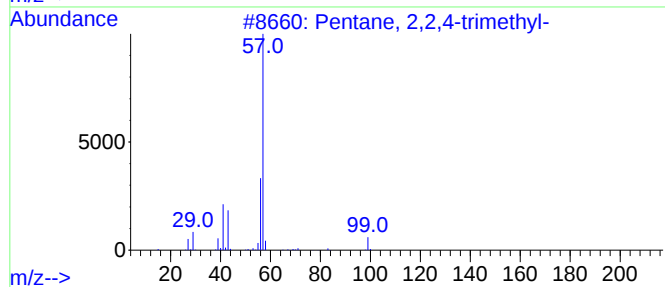
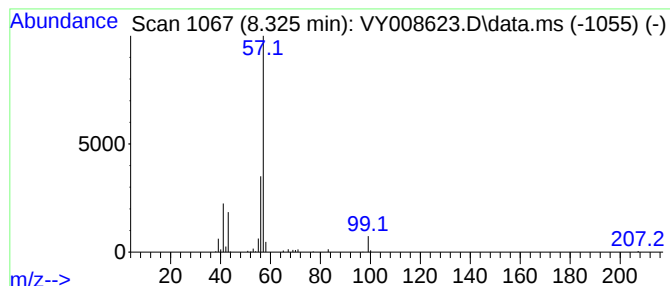
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.325	10.60 ug/l	99695	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
2			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	78
3			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
4			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59



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SB08-13-14-FT

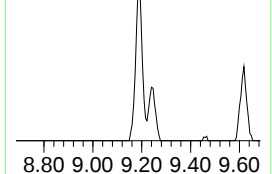
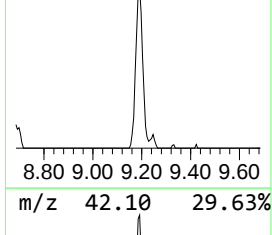
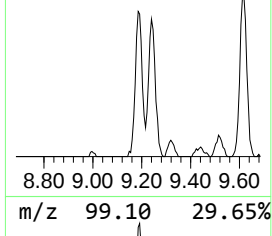
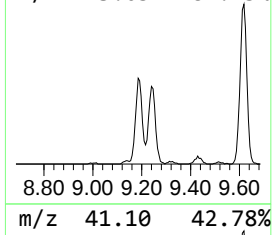
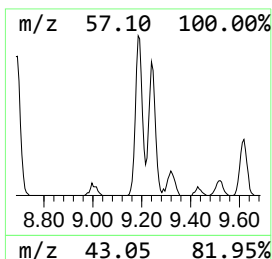
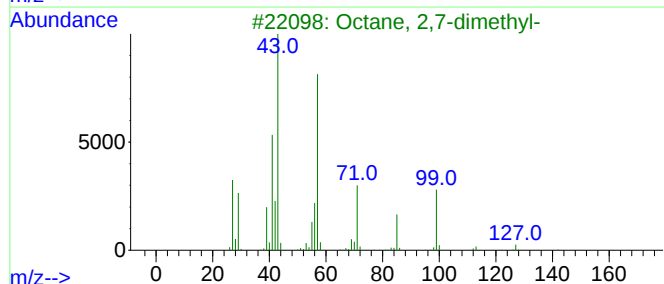
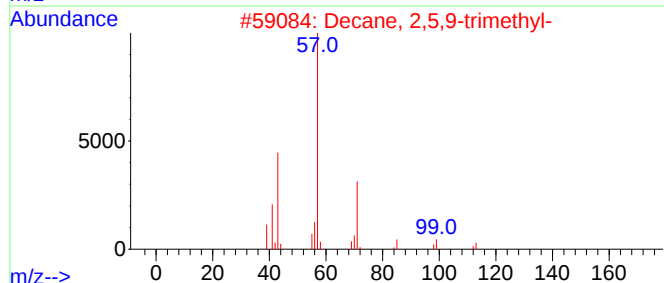
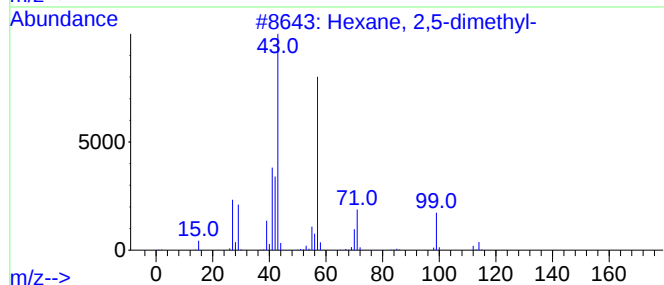
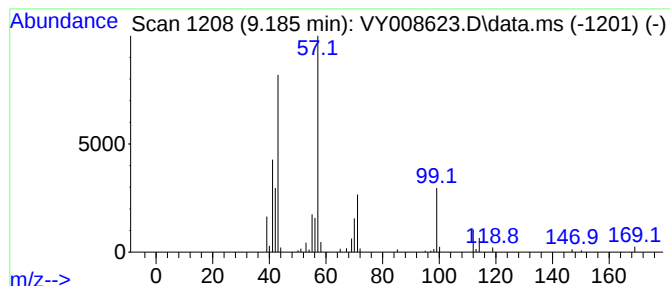
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

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

Peak Number 2 Hexane, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.185	8.74 ug/l	82152	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	90
2			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53
3			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	50
4			Heptane, 2-methyl-	114	C8H18	000592-27-8	47
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47



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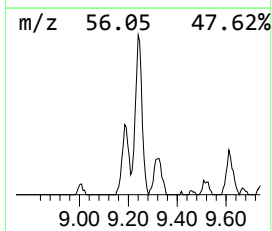
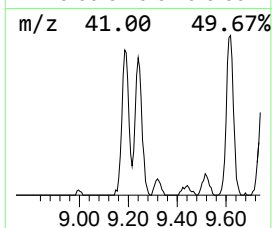
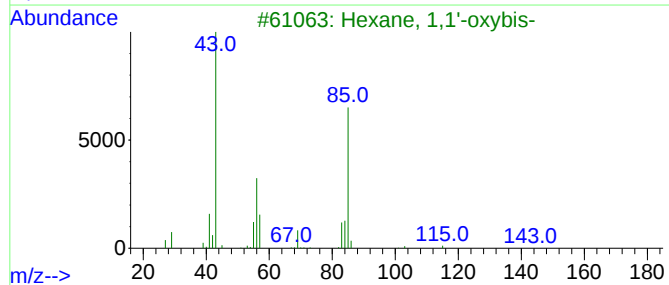
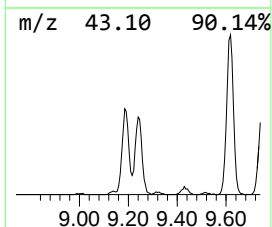
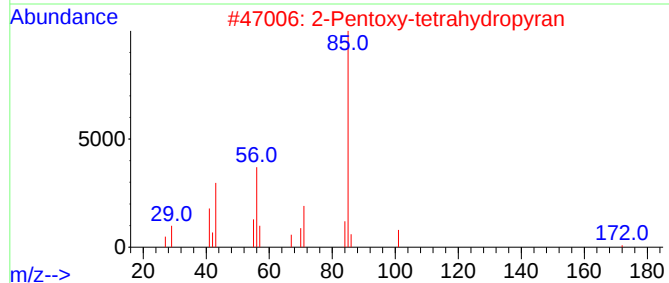
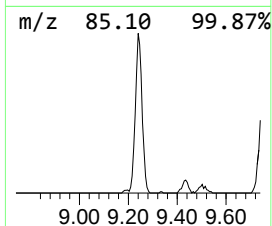
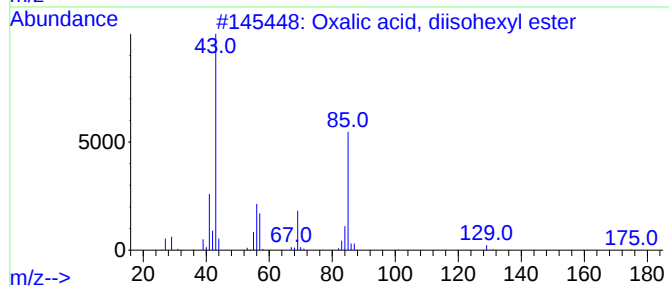
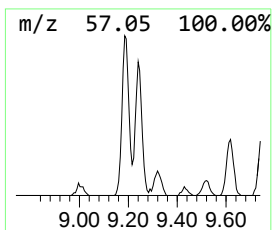
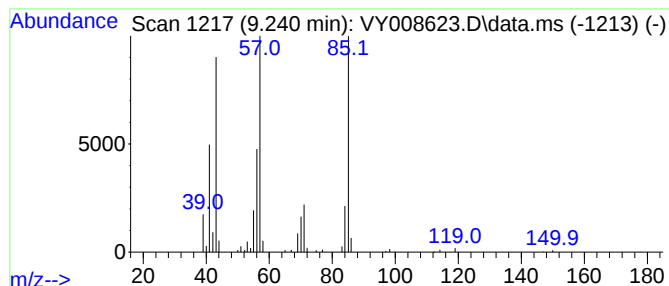
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Oxalic acid, diisohexyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.240	8.90 ug/l	83676	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, diisohexyl ester	258	C14H26O4	1010309-32-9	64
2			2-Pentoxo-tetrahydropyran	172	C10H20O2	032767-70-7	64
3			Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	59
4			Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	53
5			Sulfurous acid, butyl isohexyl e...	222	C10H22O3S	1000309-17-2	50



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ClientSampleId :
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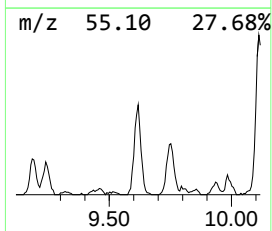
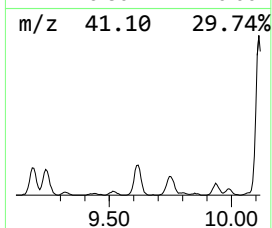
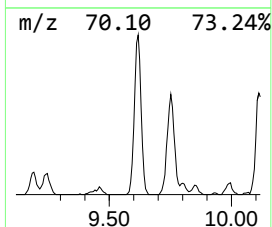
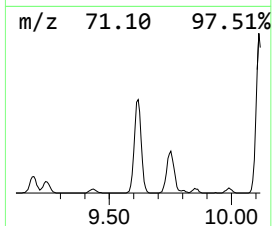
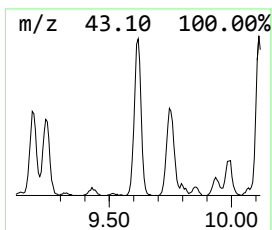
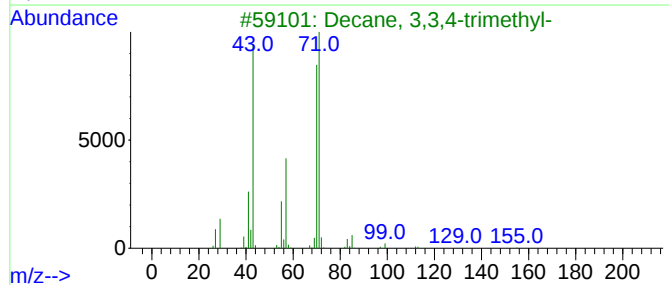
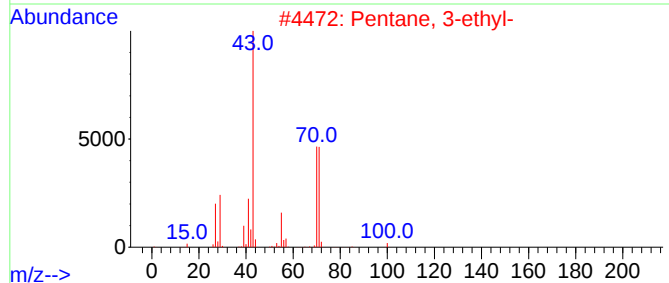
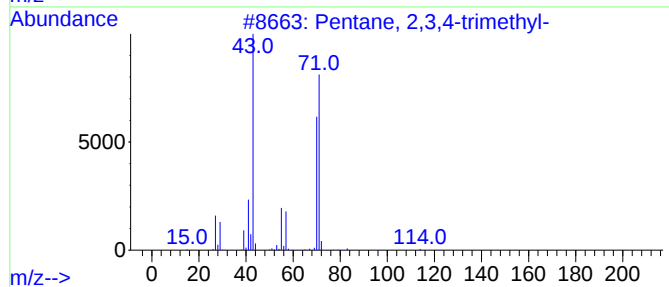
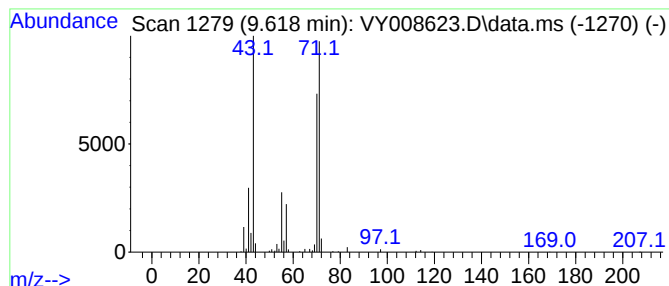
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

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

Peak Number 4 Pentane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.618	12.83 ug/l	120589	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	74
4			Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	74
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008623.D
Acq On : 04 May 2022 19:31
Operator : KP/MD
Sample : N2619-18
Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB08-13-14-FT

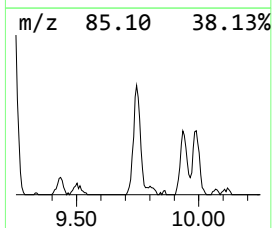
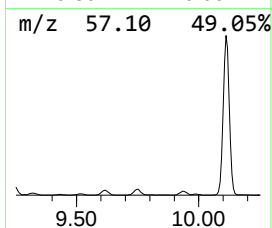
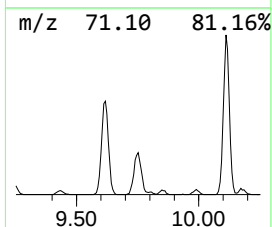
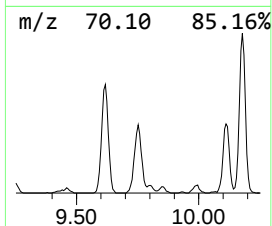
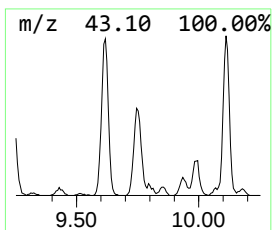
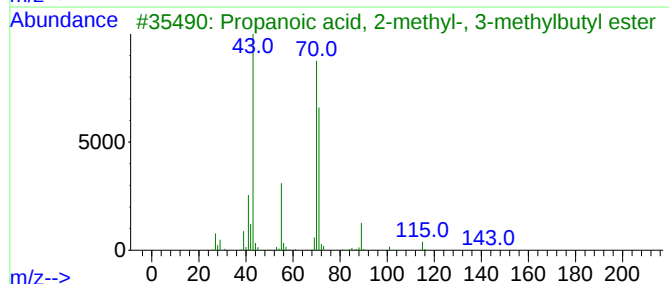
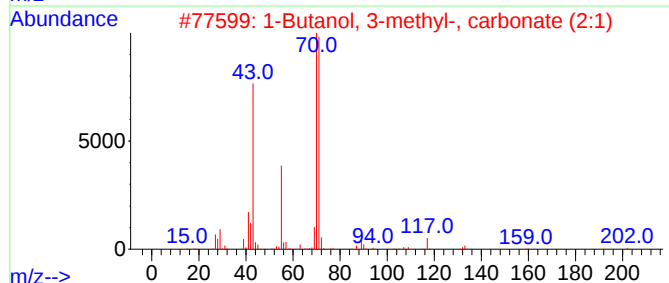
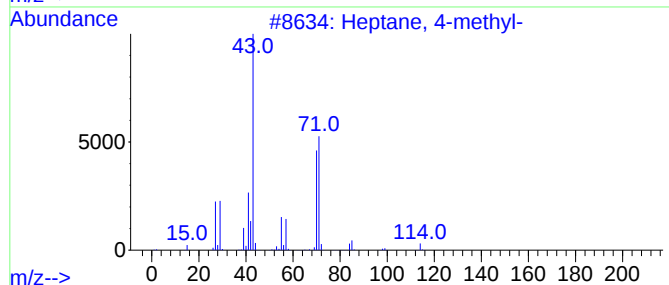
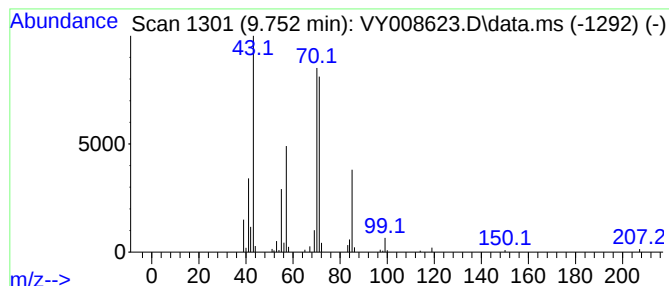
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Quant Title : SW846 8260

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

Peak Number 5 Heptane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.752	9.39 ug/l	88274	1,4-Difluorobenzene	8.691

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-methyl-	114	C8H18	000589-53-7	74
2			1-Butanol, 3-methyl-, carbonate ...	202	C11H22O3	002050-95-5	59
3			Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	59
4			Diisooamyl ether	158	C10H22O	000544-01-4	53
5			Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008623.D
Acq On : 04 May 2022 19:31
Operator : KP/MD
Sample : N2619-18
Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB08-13-14-FT

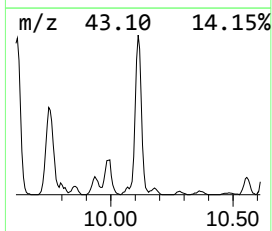
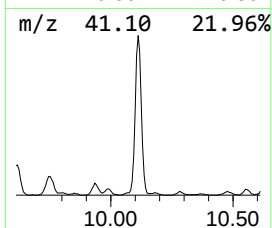
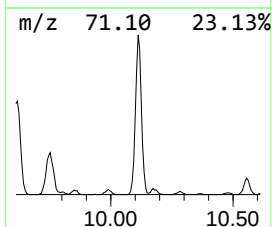
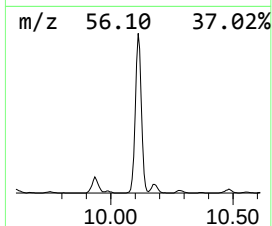
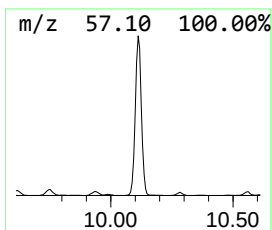
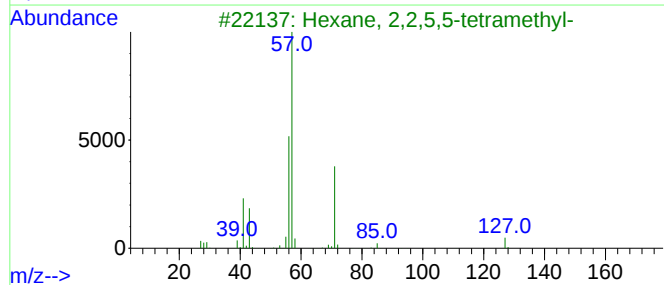
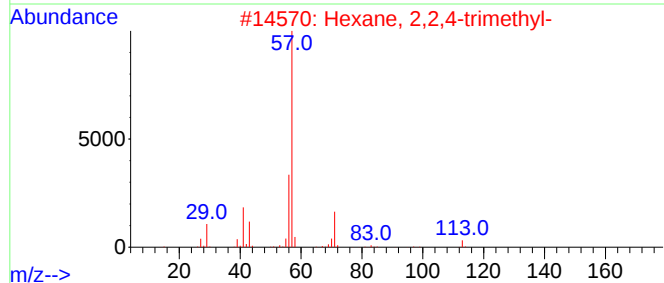
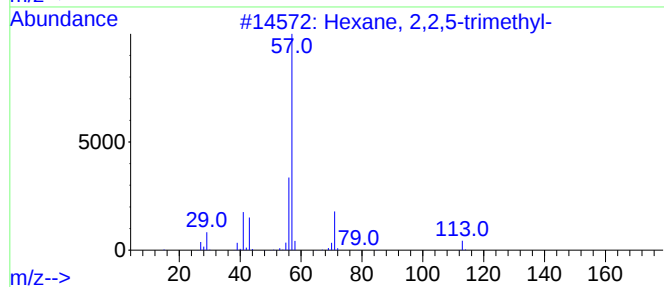
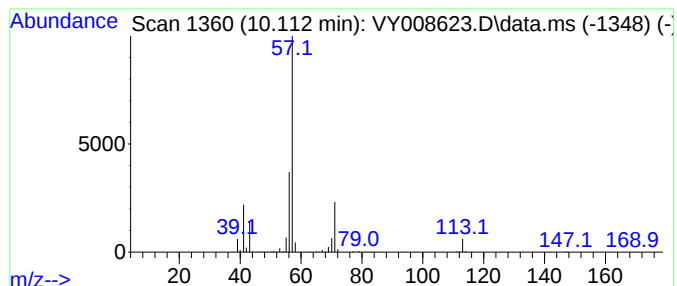
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Quant Title : SW846 8260

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

Peak Number 6 Hexane, 2,2,5-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.112	31.32 ug/l	464267	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	83
2			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	83
3			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	64
4			Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	50
5			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008623.D
Acq On : 04 May 2022 19:31
Operator : KP/MD
Sample : N2619-18
Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB08-13-14-FT

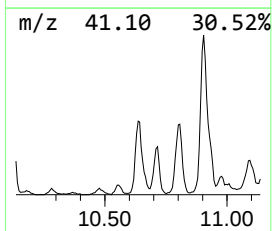
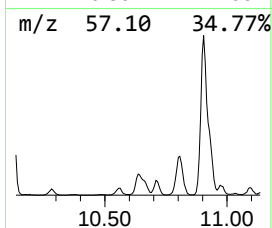
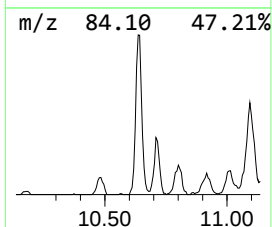
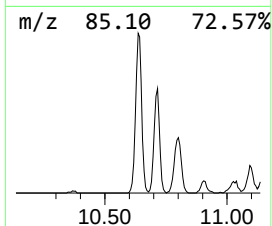
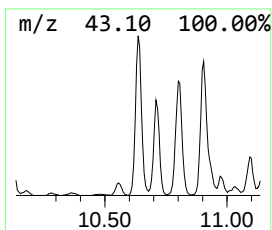
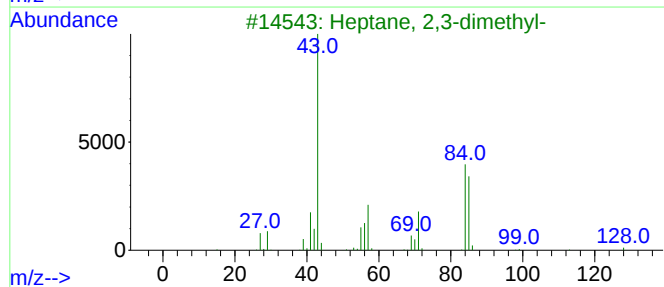
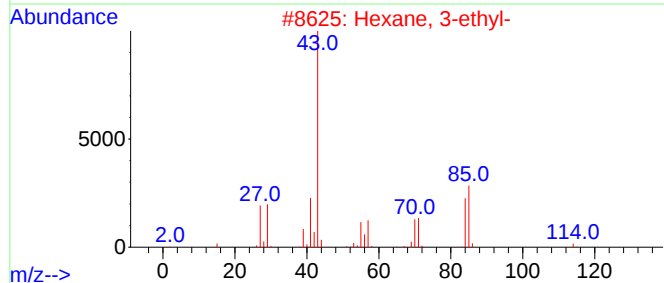
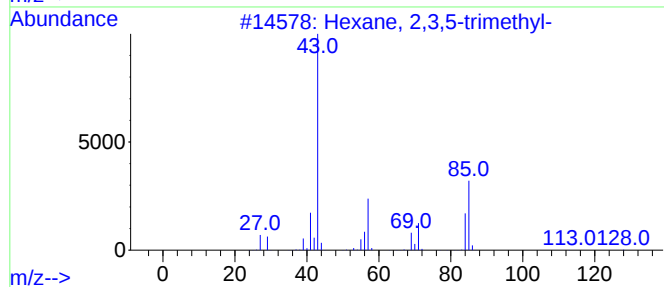
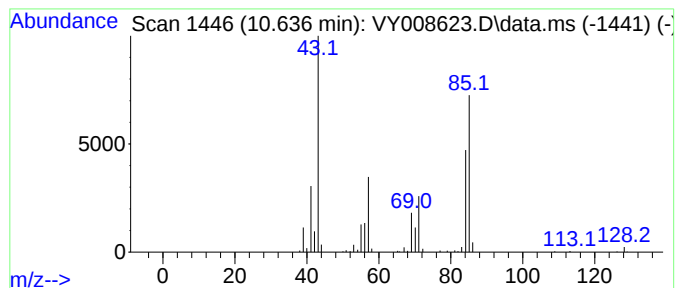
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Quant Title : SW846 8260

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

Peak Number 7 Hexane, 2,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.636	10.41 ug/l	154320	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	83
2			Hexane, 3-ethyl-	114	C8H18	000619-99-8	78
3			Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	72
4			Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	64
5			Nonane, 5-methyl-	142	C10H22	015869-85-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008623.D
Acq On : 04 May 2022 19:31
Operator : KP/MD
Sample : N2619-18
Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB08-13-14-FT

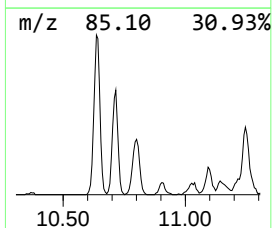
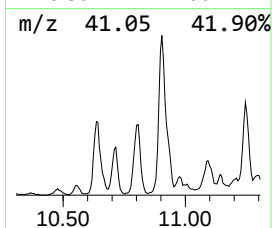
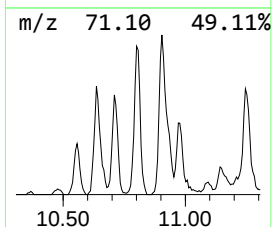
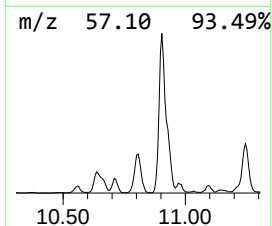
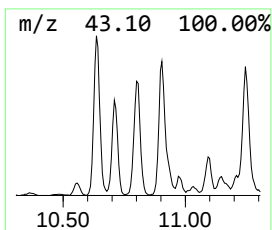
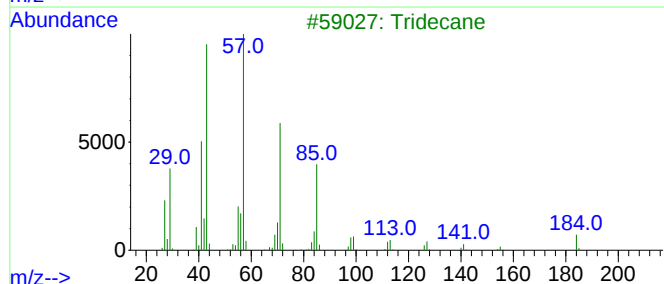
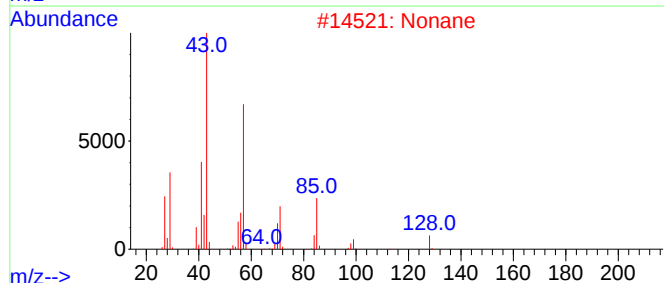
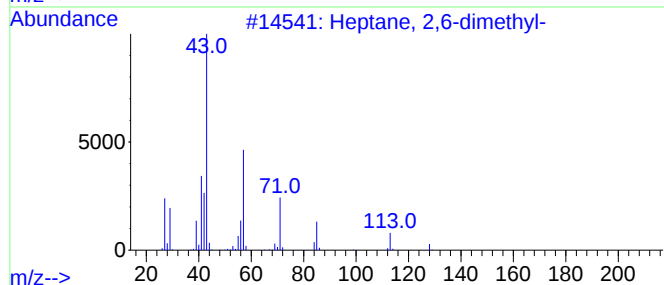
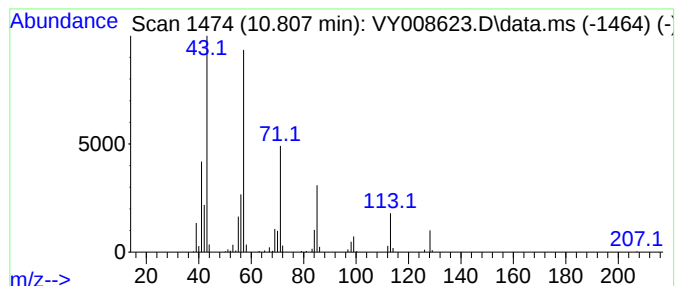
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Quant Title : SW846 8260

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

Peak Number 8 Heptane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.807	9.36 ug/l	138790	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	87
2			Nonane	128	C9H20	000111-84-2	62
3			Tridecane	184	C13H28	000629-50-5	59
4			Tridecane, 7-propyl-	226	C16H34	055045-09-5	53
5			Tritetracontane	605	C43H88	007098-21-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008623.D
Acq On : 04 May 2022 19:31
Operator : KP/MD
Sample : N2619-18
Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB08-13-14-FT

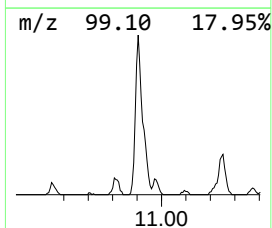
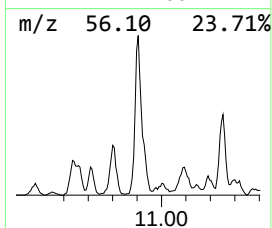
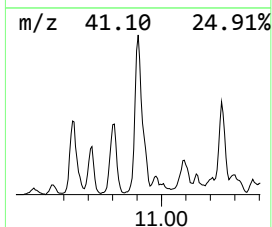
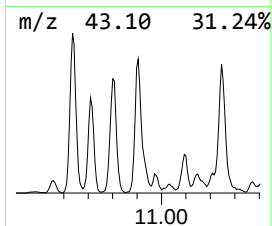
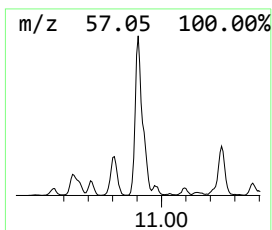
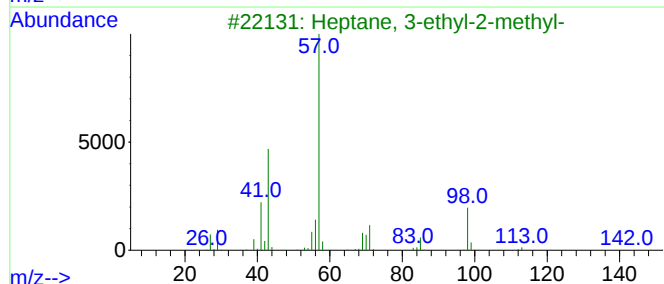
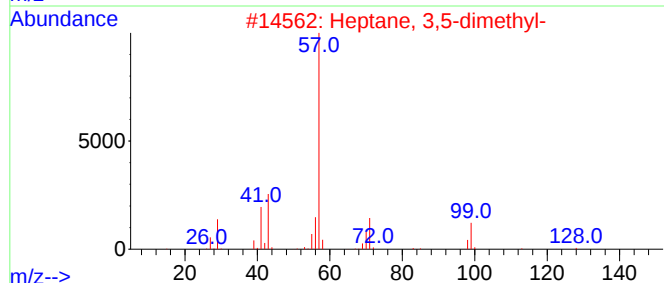
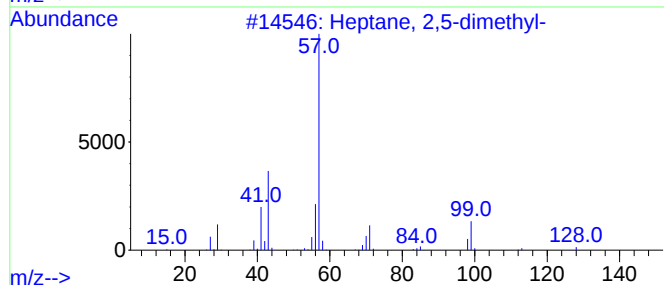
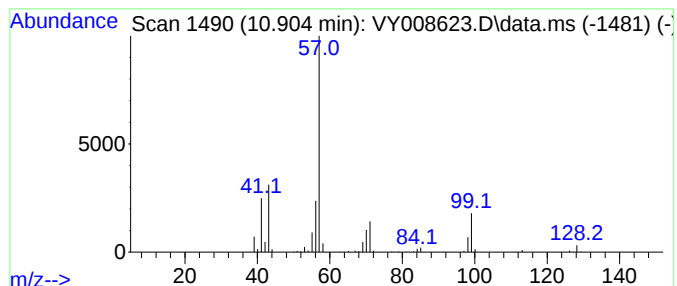
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Quant Title : SW846 8260

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

Peak Number 9 Heptane, 2,5-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.904	24.76 ug/l	367064	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	64
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4			2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3	53
5			Octane, 3-methyl-	128	C9H20	002216-33-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008623.D
Acq On : 04 May 2022 19:31
Operator : KP/MD
Sample : N2619-18
Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB08-13-14-FT

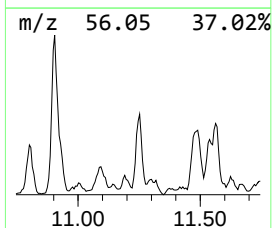
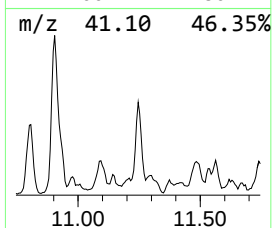
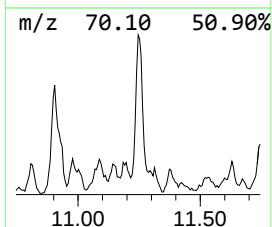
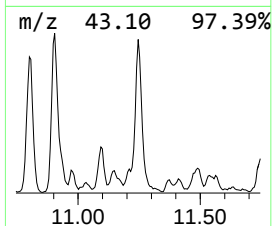
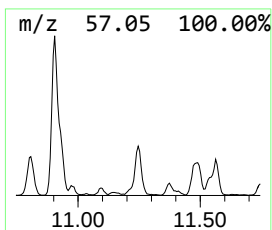
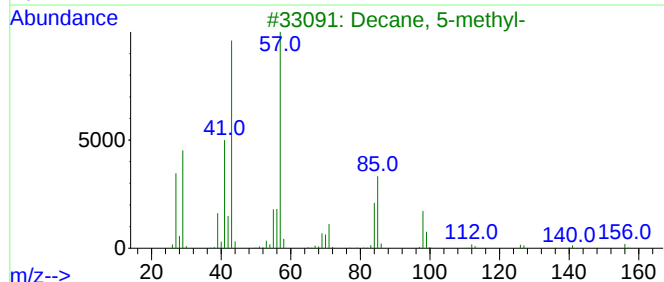
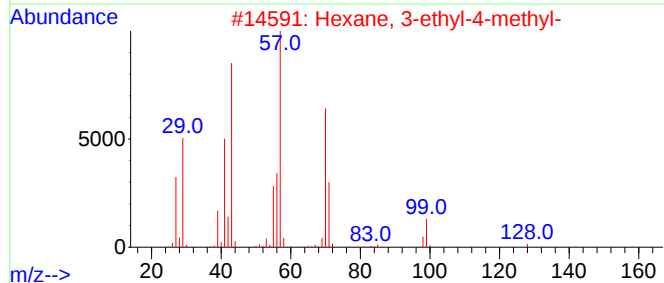
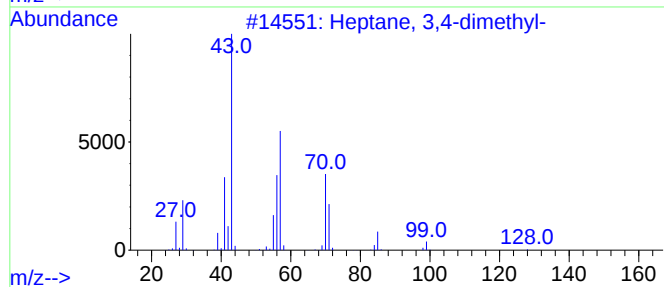
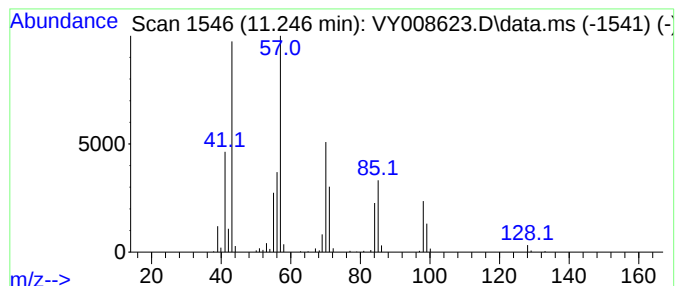
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Quant Title : SW846 8260

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

Peak Number 10 Heptane, 3,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.246	8.87 ug/l	131556	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	53
2			Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	53
3			Decane, 5-methyl-	156	C11H24	013151-35-4	50
4			Nonane	128	C9H20	000111-84-2	50
5			Octane, 4-methyl-	128	C9H20	002216-34-4	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008623.D
Acq On : 04 May 2022 19:31
Operator : KP/MD
Sample : N2619-18
Misc : 4.60g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB08-13-14-FT

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.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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Hexane, 2,5-dim...	9.185	8.7	ug/l	82152	2	8.691	470128	50.0
Oxalic acid, di...	9.240	8.9	ug/l	83676	2	8.691	470128	50.0
Pentane, 2,3,4-...	9.618	12.8	ug/l	120589	2	8.691	470128	50.0
Heptane, 4-methyl-	9.752	9.4	ug/l	88274	2	8.691	470128	50.0
Hexane, 2,2,5-t...	10.112	31.3	ug/l	464267	3	11.490	741284	50.0
Hexane, 2,3,5-t...	10.636	10.4	ug/l	154320	3	11.490	741284	50.0
Heptane, 2,6-di...	10.807	9.4	ug/l	138790	3	11.490	741284	50.0
Heptane, 2,5-di...	10.904	24.8	ug/l	367064	3	11.490	741284	50.0
Heptane, 3,4-di...	11.246	8.9	ug/l	131556	3	11.490	741284	50.0