

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
 Data File : VY007478.D
 Acq On : 11 Feb 2022 14:40
 Operator : SY/MD
 Sample : N1465-06
 Misc : 6.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5-6-8.5

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\82Y020222S.M

Title : SW846 8260

Signal : TIC: VY007478.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.253	60	71	83	rBV	3791812	8125174	2.32%	0.188%
2	2.899	167	177	225	rBV	31793230	135835834	38.72%	3.139%
3	3.253	225	235	262	rVV	24342641	110514471	31.50%	2.554%
4	3.704	299	309	337	rVV	7732078	29526467	8.42%	0.682%
5	3.966	337	352	408	rVB	5654116	30018684	8.56%	0.694%
6	4.606	439	457	463	rBV3	1594639	6966845	1.99%	0.161%
7	4.808	463	490	540	rVB6	38551371	350805294	100.00%	8.107%
8	5.283	549	568	603	rVB	24435931	162271956	46.26%	3.750%
9	5.588	604	618	635	rBV	5397625	28723438	8.19%	0.664%
10	5.801	635	653	671	rBV	23653692	149581727	42.64%	3.457%
11	6.131	693	707	721	rBV	11712047	65024747	18.54%	1.503%
12	6.271	721	730	755	rVB3	7081456	39564055	11.28%	0.914%
13	6.576	766	780	793	rBV4	9850308	59180409	16.87%	1.368%
14	6.856	794	826	845	rVB2	29734297	242790328	69.21%	5.611%
15	7.380	900	912	921	rBV5	1179914	5351563	1.53%	0.124%
16	7.551	922	940	959	rBV	14612194	85662298	24.42%	1.980%
17	7.844	970	988	997	rBV3	31070493	188630523	53.77%	4.359%
18	8.081	1015	1027	1039	rVB	31139768	125241573	35.70%	2.894%
19	8.185	1040	1044	1055	rVB	5013817	13695361	3.90%	0.316%
20	8.429	1056	1084	1091	rBV4	44084179	319379116	91.04%	7.381%
21	8.612	1102	1114	1124	rVB	31093743	107995116	30.78%	2.496%
22	8.734	1124	1134	1153	rBV4	20234551	94364129	26.90%	2.181%
23	8.886	1153	1159	1168	rVB	6271975	18326780	5.22%	0.424%
24	9.002	1168	1178	1197	rVB2	9625952	39090468	11.14%	0.903%
25	9.234	1197	1216	1223	rBV5	49515887	215479084	61.42%	4.980%
26	9.502	1252	1260	1267	rBV5	7111356	22981707	6.55%	0.531%
27	9.673	1276	1288	1298	rBV	32933163	126819161	36.15%	2.931%
28	9.807	1299	1310	1316	rVV2	48505844	162607345	46.35%	3.758%
29	9.874	1318	1321	1332	rVB3	24383189	67239412	19.17%	1.554%
30	10.008	1333	1343	1352	rBV	22598141	72050874	20.54%	1.665%
31	10.093	1352	1357	1360	rBV	5020475	9957975	2.84%	0.230%
32	10.160	1361	1368	1374	rBV2	27801051	61228474	17.45%	1.415%
33	10.337	1392	1397	1400	rBV5	3924657	8981455	2.56%	0.208%
34	10.410	1400	1409	1414	rVV3	24981608	65653436	18.72%	1.517%
35	10.459	1414	1417	1422	rVB2	4889930	8196070	2.34%	0.189%
36	10.557	1428	1433	1441	rBV5	5213870	14333334	4.09%	0.331%

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37	10.660	1441	1450	1457	rVV9	12511533	43427930	12.38%	1.004%
38	10.739	1458	1463	1469	rVB3	7288442	16559421	4.72%	0.383%
39	10.831	1469	1478	1483	rBV2	7627490	20098720	5.73%	0.464%
40	10.935	1483	1495	1502	rBV3	9970924	34782939	9.92%	0.804%
41	11.117	1521	1525	1530	rBV2	3493881	5987125	1.71%	0.138%
42	11.233	1538	1544	1548	rBV3	4560529	10463549	2.98%	0.242%
43	11.319	1549	1558	1567	rVB3	16844498	57360012	16.35%	1.326%
44	11.428	1567	1576	1585	rVB	13050709	36595546	10.43%	0.846%
45	11.520	1585	1591	1598	rBV4	7214116	18801079	5.36%	0.434%
46	11.623	1598	1608	1617	rBV5	53616033	200284620	57.09%	4.629%
47	11.727	1618	1625	1636	rVV5	20855848	54561424	15.55%	1.261%
48	11.916	1650	1656	1658	rBV5	2315319	4946022	1.41%	0.114%
49	11.953	1658	1662	1667	rVV3	5518537	10463146	2.98%	0.242%
50	12.038	1667	1676	1686	rVV5	11046221	36564056	10.42%	0.845%
51	12.142	1688	1693	1697	rVB	6086138	10819535	3.08%	0.250%
52	12.215	1700	1705	1709	rBV2	5726748	11613583	3.31%	0.268%
53	12.257	1709	1712	1717	rVB4	4226241	7107215	2.03%	0.164%
54	12.343	1721	1726	1731	rBV	14382471	27479400	7.83%	0.635%
55	12.477	1744	1748	1755	rVB3	10290950	25071346	7.15%	0.579%
56	12.544	1755	1759	1762	rBV	5919157	8332634	2.38%	0.193%
57	12.690	1771	1783	1789	rBV3	32432820	73806107	21.04%	1.706%
58	12.782	1789	1798	1801	rBV	18731078	35908196	10.24%	0.830%
59	12.831	1801	1806	1812	rVB	23305654	45311087	12.92%	1.047%
60	12.989	1823	1832	1839	rBV	37888403	75640229	21.56%	1.748%
61	13.050	1839	1842	1845	rBV2	3005451	4405320	1.26%	0.102%
62	13.257	1868	1876	1880	rBV3	5556594	14971575	4.27%	0.346%
63	13.294	1880	1882	1884	rVV2	3075510	4036142	1.15%	0.093%
64	13.324	1884	1887	1891	rVB2	4708362	6985978	1.99%	0.161%
65	13.373	1891	1895	1898	rBV2	2447007	3542093	1.01%	0.082%
66	13.465	1903	1910	1924	rVB2	18898507	43718831	12.46%	1.010%
67	13.599	1927	1932	1934	rBV	8374302	11973439	3.41%	0.277%
68	13.641	1934	1939	1943	rBV	19004644	31753163	9.05%	0.734%
69	13.757	1954	1958	1963	rBV2	3288955	5313520	1.51%	0.123%
70	13.830	1963	1970	1975	rVV2	5667548	10251163	2.92%	0.237%
71	13.891	1975	1980	1988	rVV	3519643	6030944	1.72%	0.139%
72	13.977	1988	1994	1999	rVV	10992580	16772950	4.78%	0.388%
73	14.038	1999	2004	2007	rVV	2605611	3896609	1.11%	0.090%
74	14.086	2007	2012	2017	rVB2	8316100	13141379	3.75%	0.304%
75	14.300	2037	2047	2051	rVV2	3923927	8651387	2.47%	0.200%
76	14.568	2087	2091	2096	rVV	2930665	4642051	1.32%	0.107%

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A5-6-8.5

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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

77	14.690	2103	2111	2116	rBV3	3900917	8181201	2.33%	0.189%
78	15.239	2191	2201	2207	rBV	2589276	4721696	1.35%	0.109%

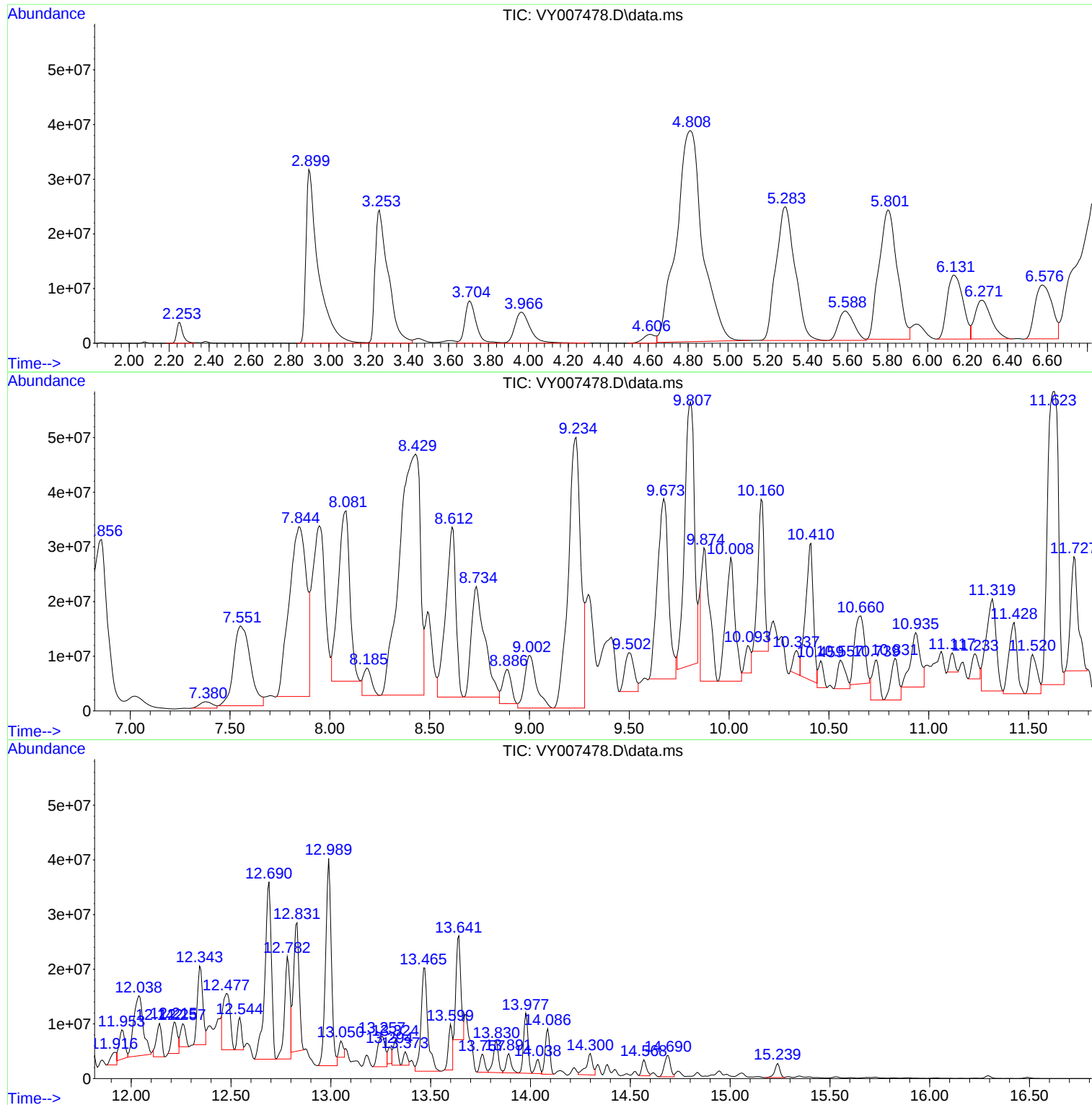
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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_Y
ClientSampleId :
A5-6-8.5

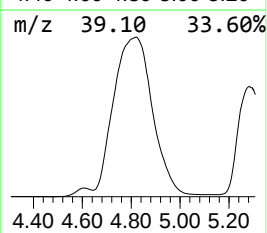
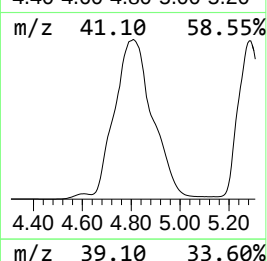
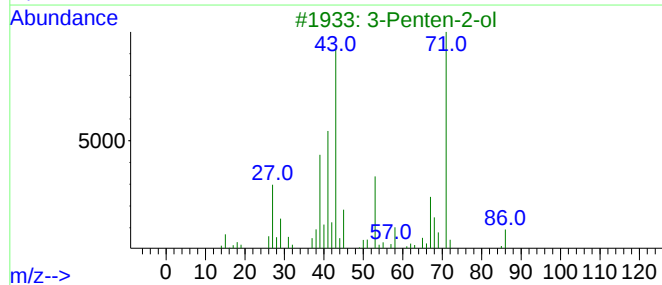
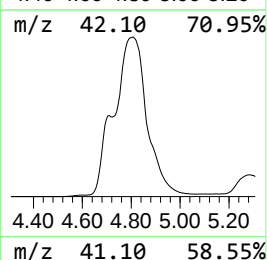
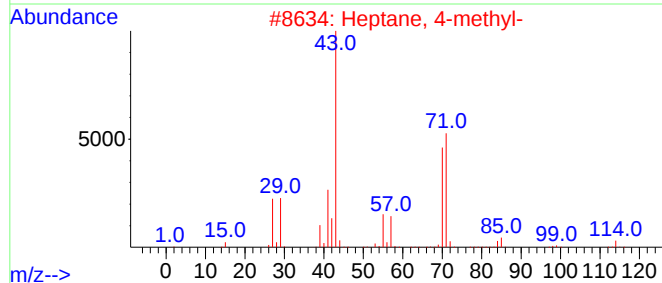
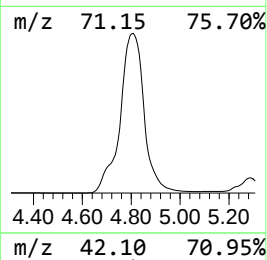
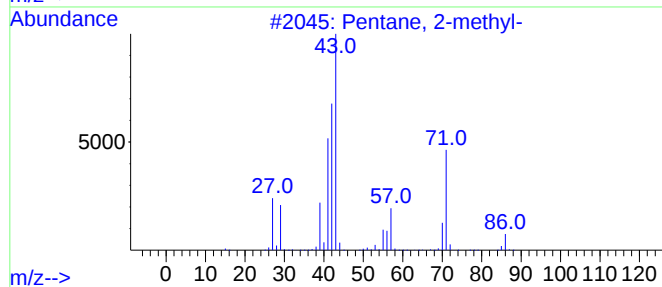
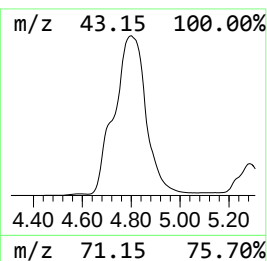
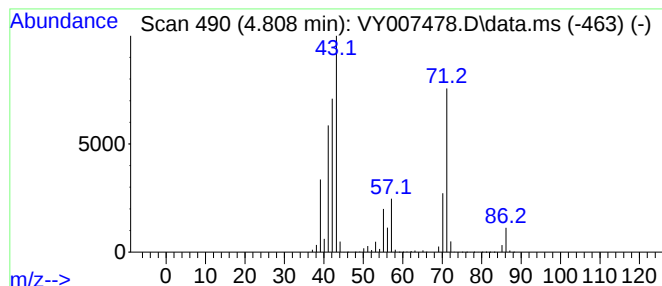
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.808	92.99 ug/l	350805000	Pentafluorobenzene	7.813

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	87
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	50
3			3-Penten-2-ol	86	C5H10O	001569-50-2	50
4			N-Vinylformamide	71	C3H5NO	013162-05-5	50
5			Pentane, 3-bromo-	150	C5H11Br	001809-10-5	47



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ALS Vial : 7 Sample Multiplier: 1

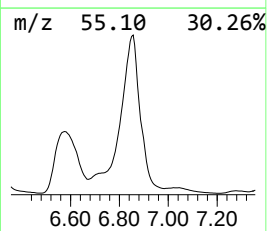
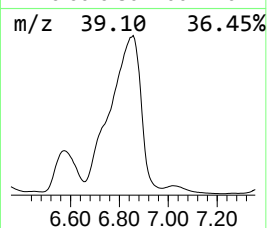
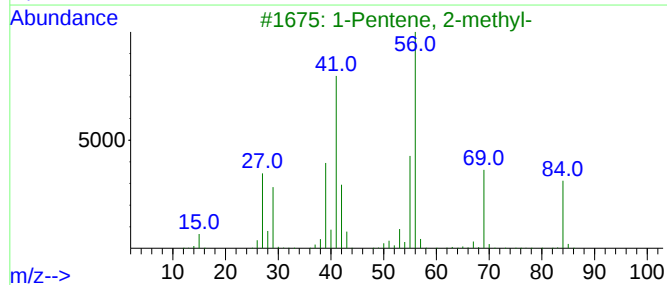
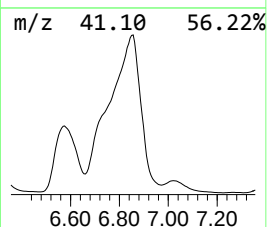
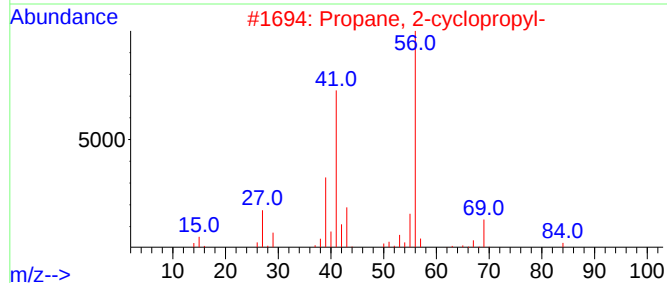
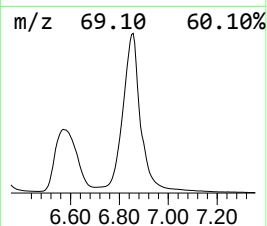
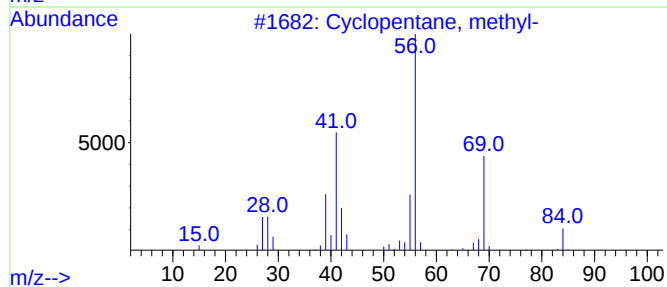
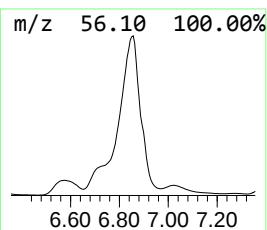
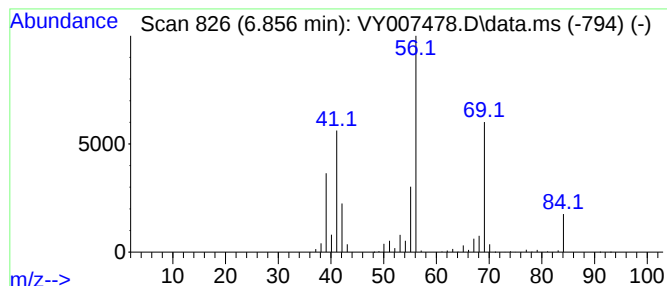
Instrument :
MSVOA_Y
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclopentane, methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.856	64.36 ug/l	242790000	Pentafluorobenzene	7.813	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	46
4	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	35
5	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	27



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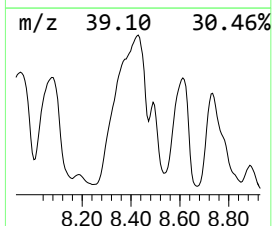
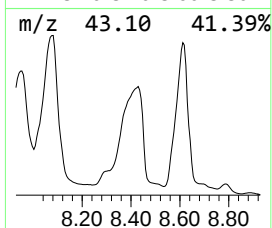
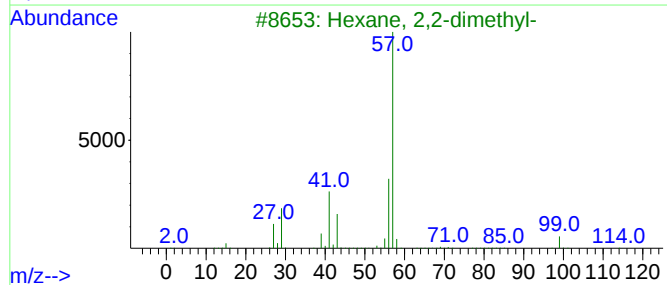
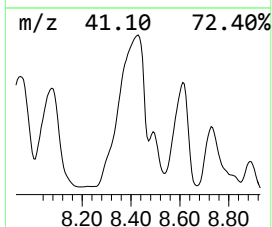
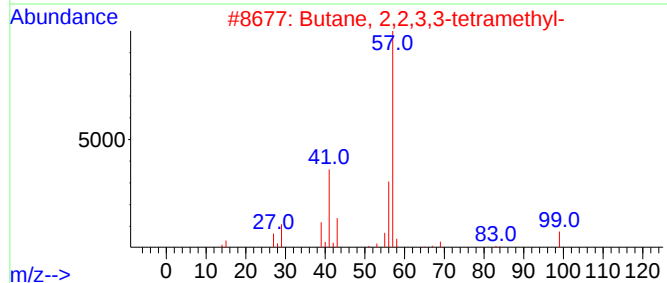
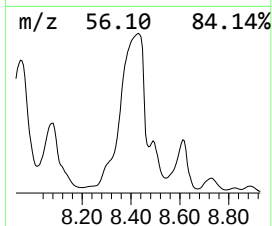
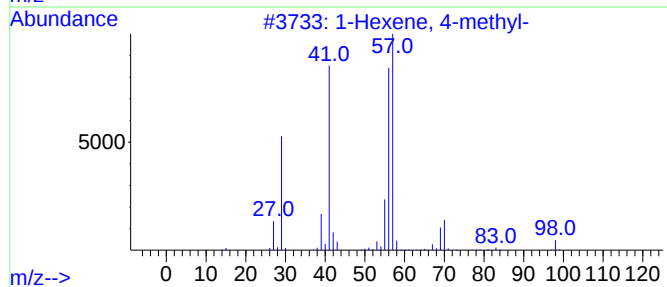
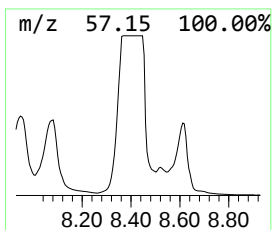
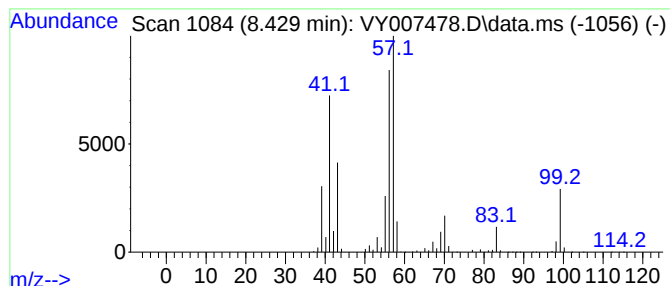
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

Peak Number 3 1-Hexene, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.429	169.23 ug/l	319379000	1,4-Difluorobenzene	8.703

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 4-methyl-			98	C7H14	003769-23-1	74
2	Butane, 2,2,3,3-tetramethyl-			114	C8H18	000594-82-1	59
3	Hexane, 2,2-dimethyl-			114	C8H18	000590-73-8	53
4	1-Hexene, 2-methyl-			98	C7H14	006094-02-6	52
5	Cyclopentane, 1,1-dimethyl-			98	C7H14	001638-26-2	50



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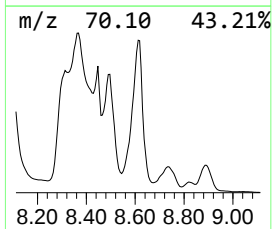
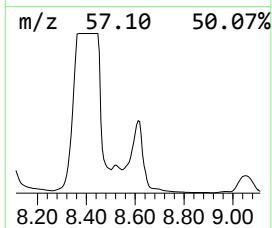
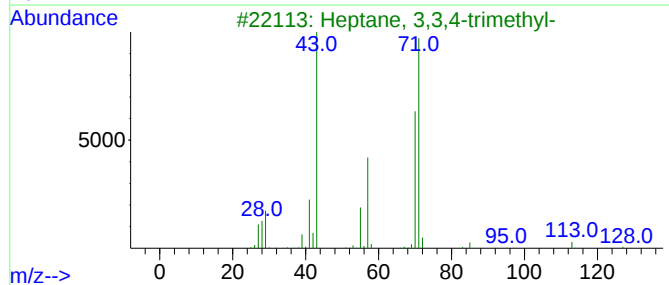
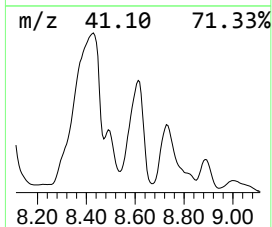
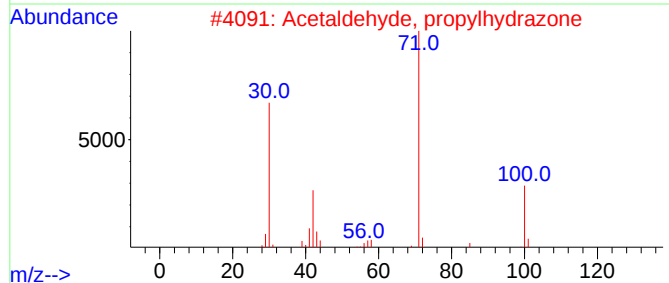
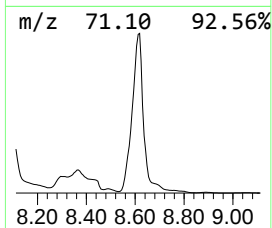
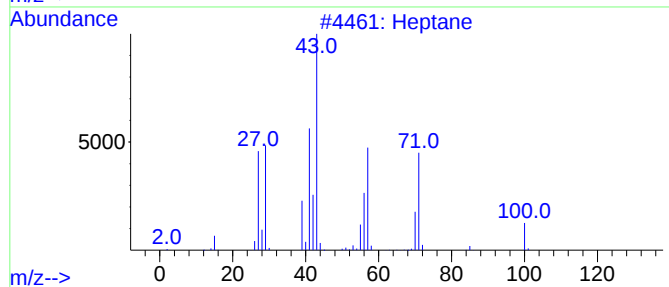
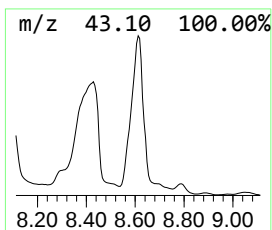
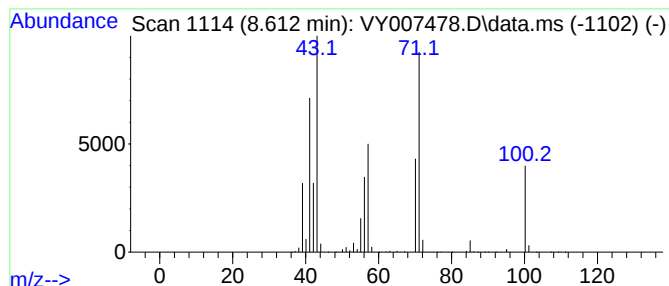
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Quant Title : SW846 8260

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

Peak Number 4 Heptane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.612	57.22 ug/l	107995000	1,4-Difluorobenzene	8.703

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane	100	C7H16	000142-82-5	83
2			Acetaldehyde, propylhydrazone	100	C5H12N2	007422-88-0	50
3			Heptane, 3,3,4-trimethyl-	142	C10H22	020278-87-9	50
4			Hexane, 3-methyl-	100	C7H16	000589-34-4	47
5			Pentane, 2-methyl-	86	C6H14	000107-83-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
Data File : VY007478.D
Acq On : 11 Feb 2022 14:40
Operator : SY/MD
Sample : N1465-06
Misc : 6.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-6-8.5

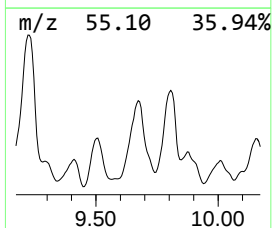
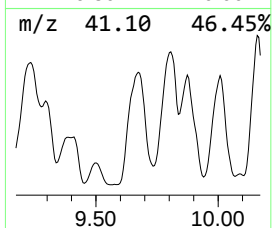
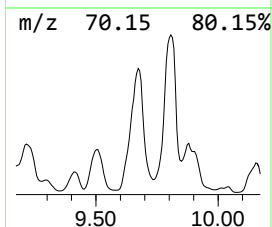
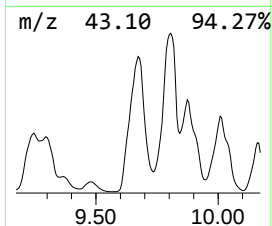
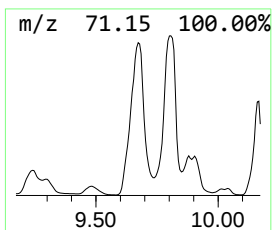
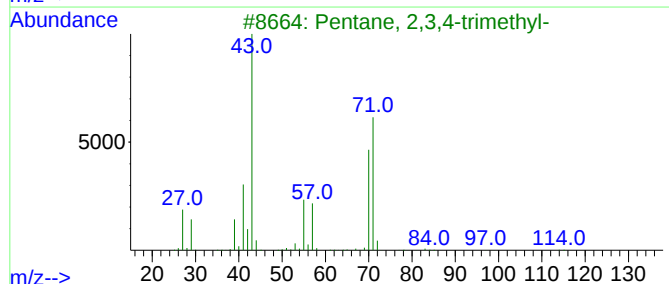
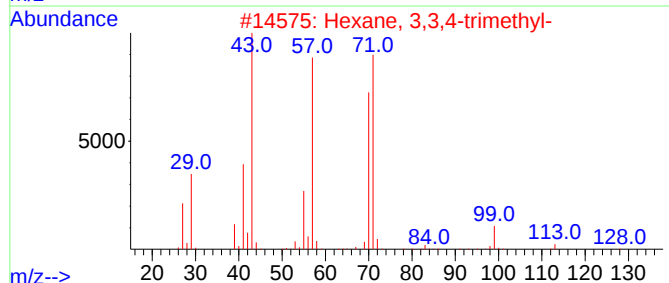
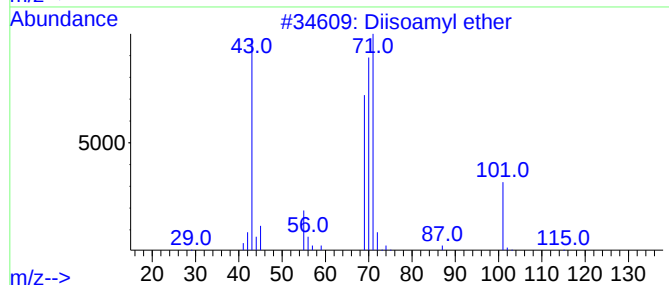
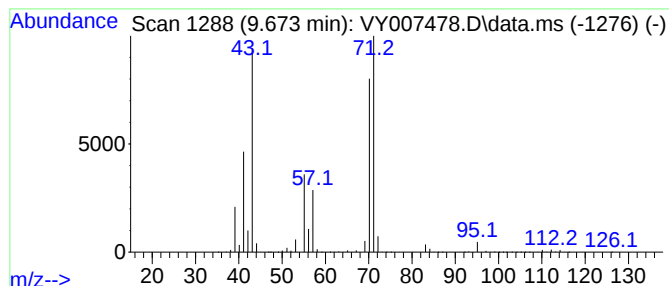
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Quant Title : SW846 8260

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

Peak Number 5 Diisoamyl ether Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.673	67.20 ug/l	126819000	1,4-Difluorobenzene	8.703

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diisoamyl ether	158	C10H22O	000544-01-4	74
2			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	74
3			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	72
4			3,3-Dimethyl-2-pentanol	116	C7H16O	019781-24-9	64
5			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
Data File : VY007478.D
Acq On : 11 Feb 2022 14:40
Operator : SY/MD
Sample : N1465-06
Misc : 6.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-6-8.5

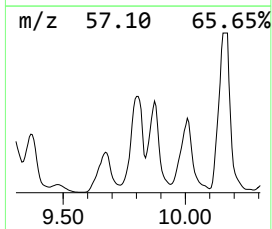
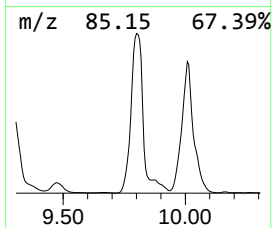
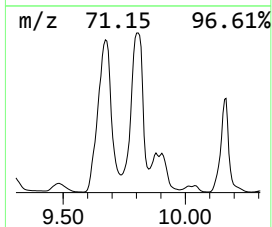
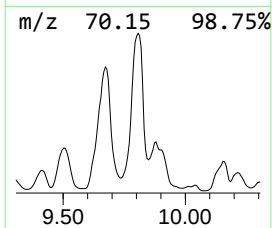
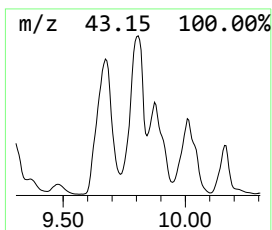
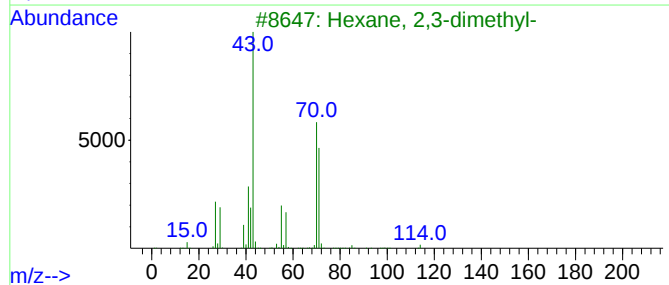
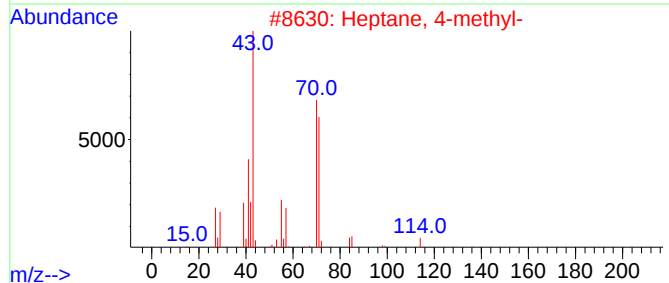
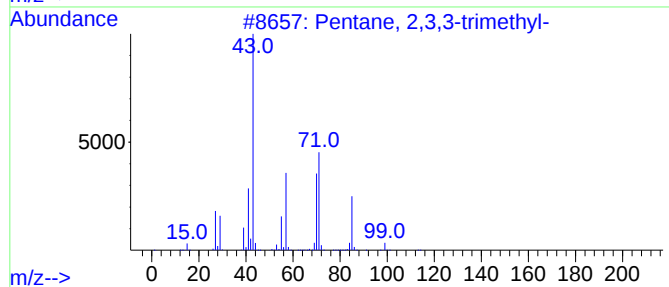
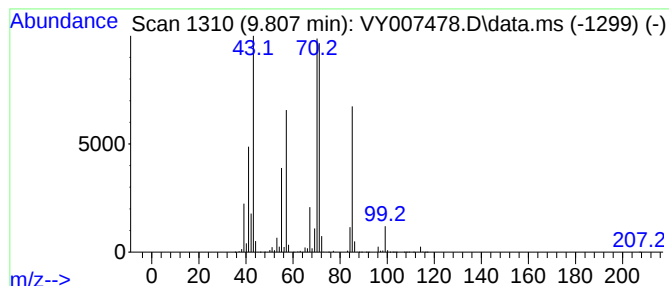
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Quant Title : SW846 8260

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

Peak Number 6 Pentane, 2,3,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.807	86.16 ug/l	162607000	1,4-Difluorobenzene	8.703

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2			Heptane, 4-methyl-	114	C8H18	000589-53-7	58
3			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	52
4			Heptane, 3-ethyl-4-methyl-	142	C10H22	052896-91-0	50
5			Butanoic acid, 3-methylbutyl ester	158	C9H18O2	000106-27-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
Data File : VY007478.D
Acq On : 11 Feb 2022 14:40
Operator : SY/MD
Sample : N1465-06
Misc : 6.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-6-8.5

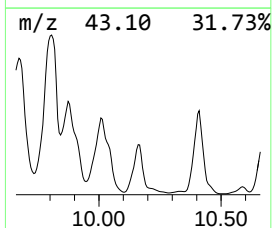
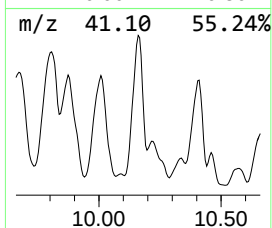
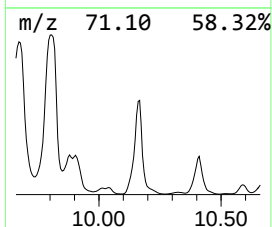
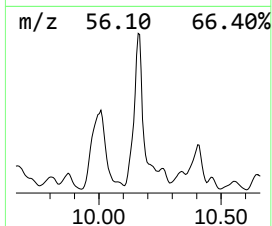
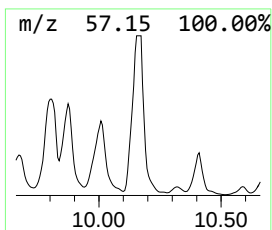
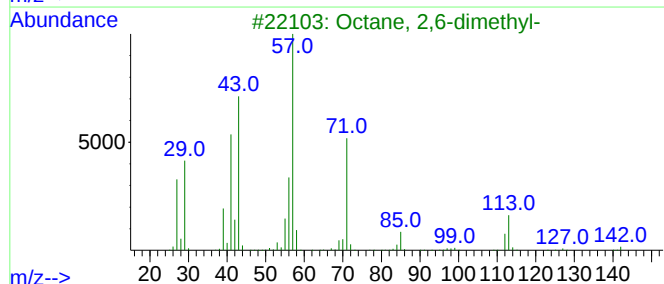
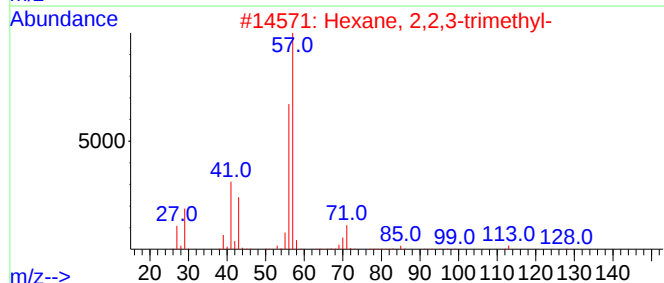
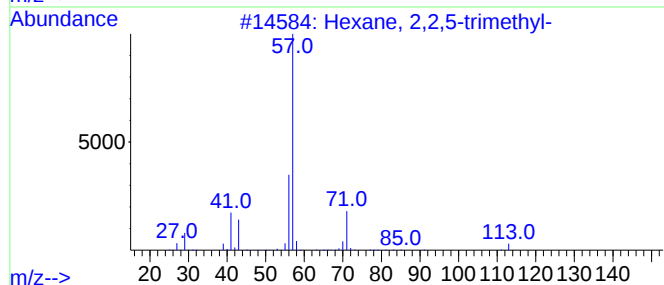
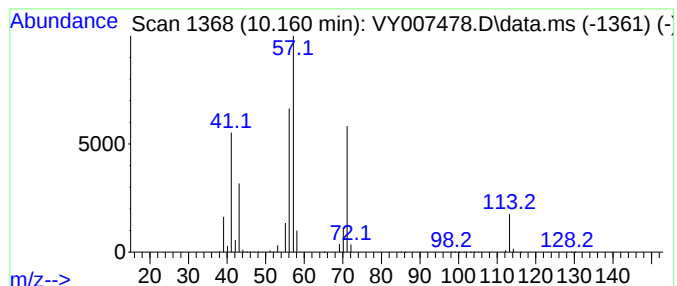
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.160	162.83 ug/l	61228500	Chlorobenzene-d5	11.502

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	59
2			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	59
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
4			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50
5			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
Data File : VY007478.D
Acq On : 11 Feb 2022 14:40
Operator : SY/MD
Sample : N1465-06
Misc : 6.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-6-8.5

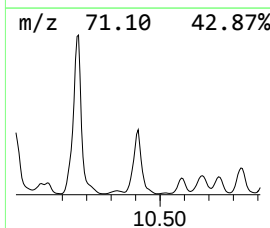
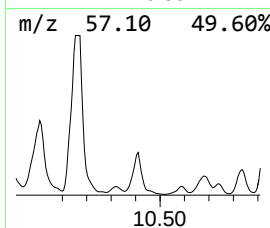
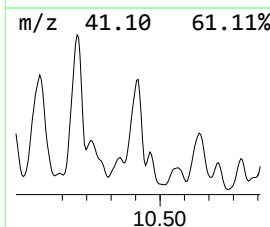
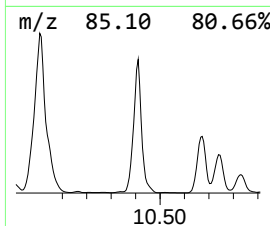
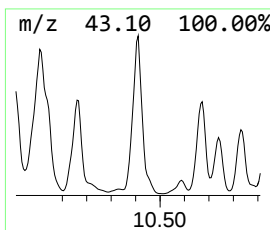
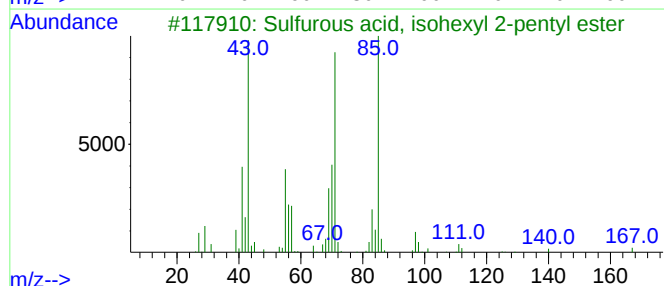
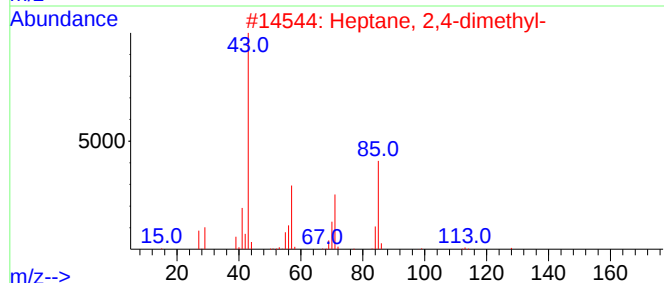
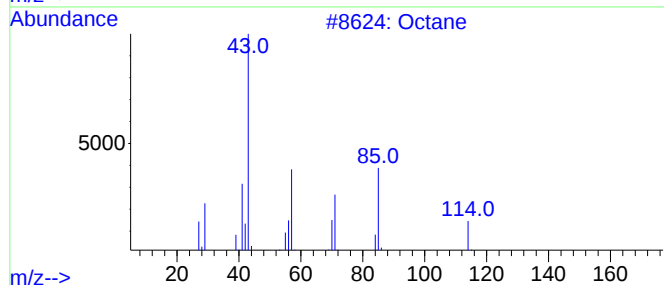
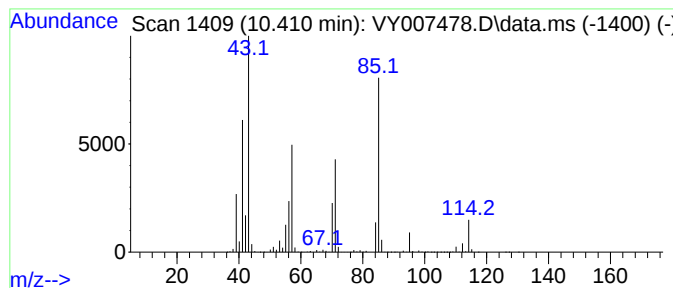
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Quant Title : SW846 8260

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

Peak Number 8 Octane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.410	174.60 ug/l	65653400	Chlorobenzene-d5	11.502

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane			114	C8H18	000111-65-9	94
2	Heptane, 2,4-dimethyl-			128	C9H20	002213-23-2	64
3	Sulfurous acid, isohexyl 2-penty...			236	C11H24O3S	1000309-15-5	59
4	Hexane, 2,4-dimethyl-			114	C8H18	000589-43-5	53
5	2-Pentoxo-tetrahydropyran			172	C10H20O2	032767-70-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
Data File : VY007478.D
Acq On : 11 Feb 2022 14:40
Operator : SY/MD
Sample : N1465-06
Misc : 6.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-6-8.5

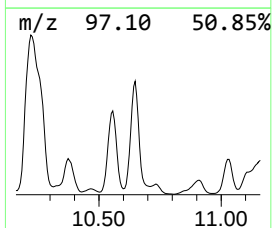
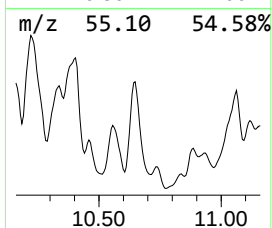
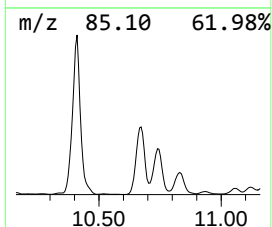
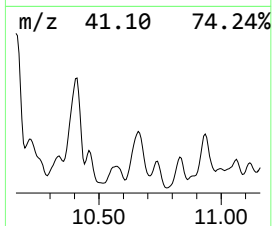
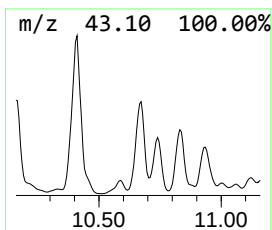
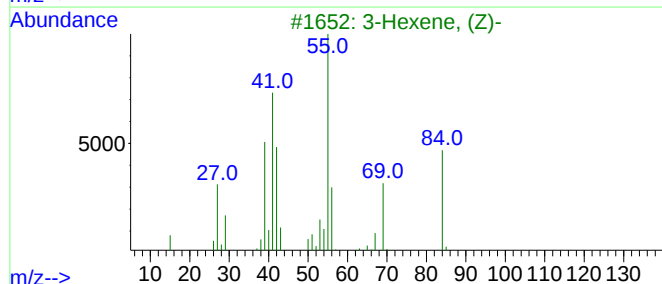
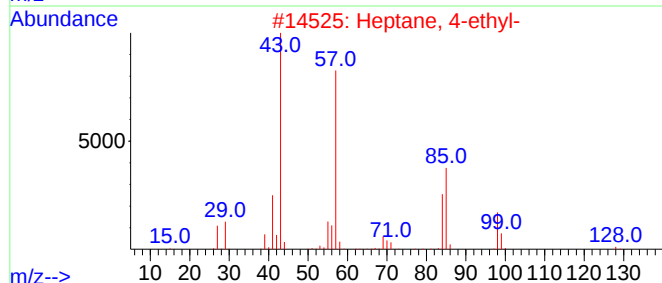
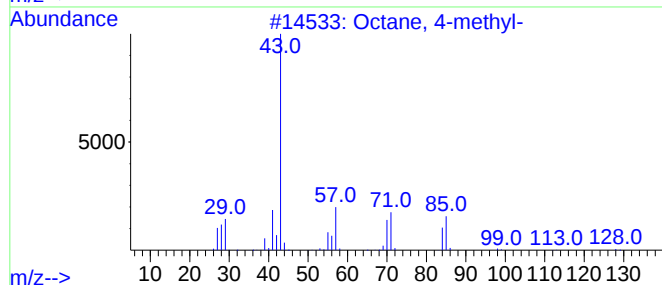
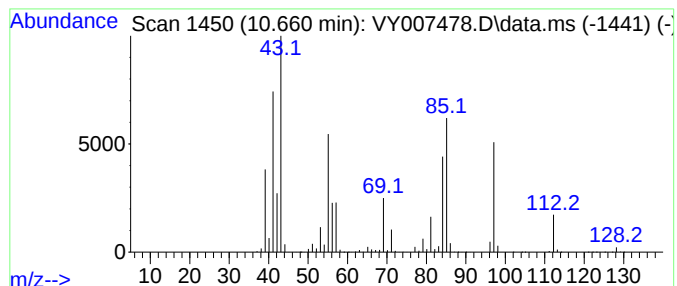
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Quant Title : SW846 8260

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

Peak Number 9 unknown10.660 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.660	115.49 ug/l	43427900	Chlorobenzene-d5	11.502

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 4-methyl-	128	C9H20	002216-34-4	43
2			Heptane, 4-ethyl-	128	C9H20	002216-32-2	38
3			3-Hexene, (Z)-	84	C6H12	007642-09-3	35
4			Methacrylamide	85	C4H7NO	000079-39-0	27
5			Acetaldehyde, 2-butenylhydrazone	112	C6H12N2	075268-07-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
Data File : VY007478.D
Acq On : 11 Feb 2022 14:40
Operator : SY/MD
Sample : N1465-06
Misc : 6.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-6-8.5

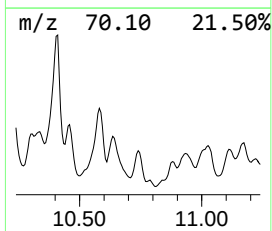
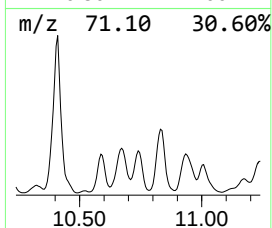
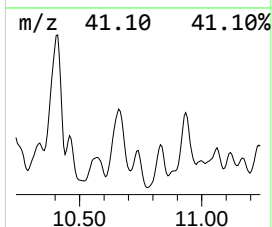
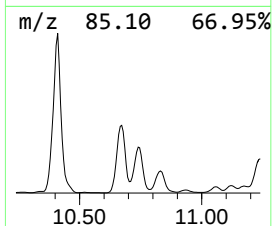
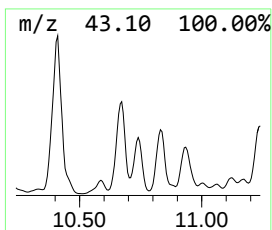
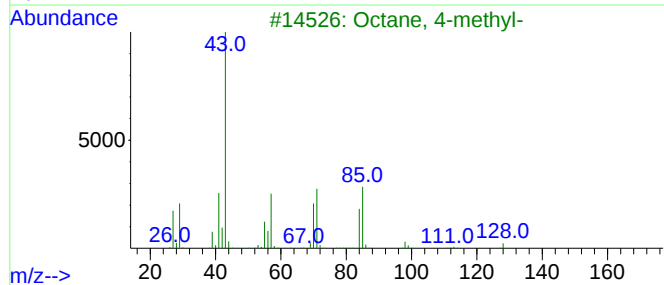
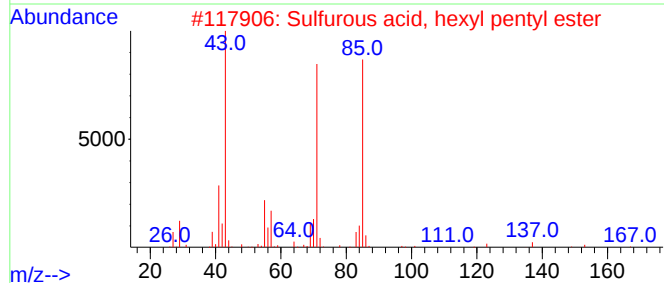
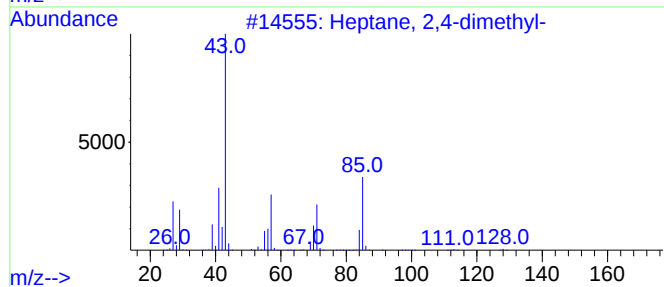
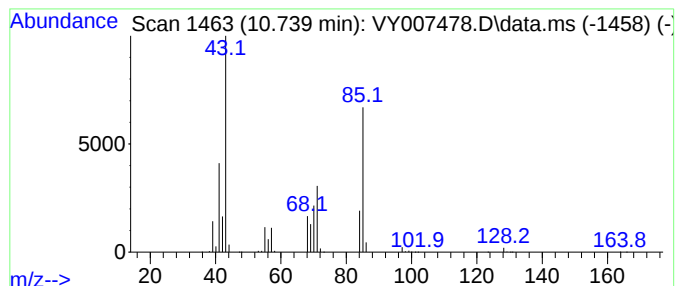
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Quant Title : SW846 8260

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

Peak Number 10 Heptane, 2,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.740	44.04 ug/l	16559400	Chlorobenzene-d5	11.502

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	58
2			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	53
3			Octane, 4-methyl-	128	C9H20	002216-34-4	50
4			Pentane, 3-ethyl-3-methyl-	114	C8H18	001067-08-9	47
5			Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
Data File : VY007478.D
Acq On : 11 Feb 2022 14:40
Operator : SY/MD
Sample : N1465-06
Misc : 6.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

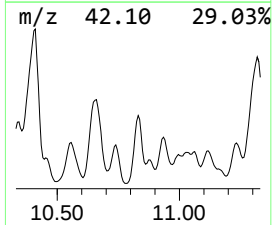
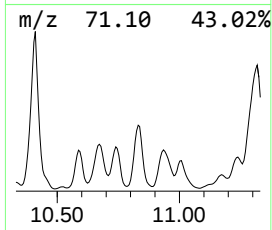
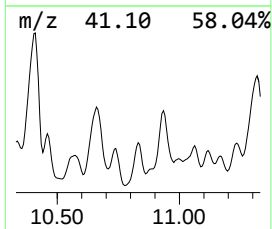
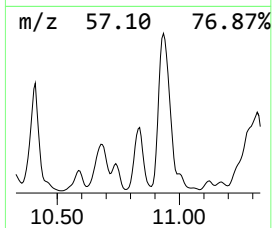
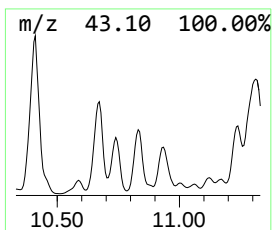
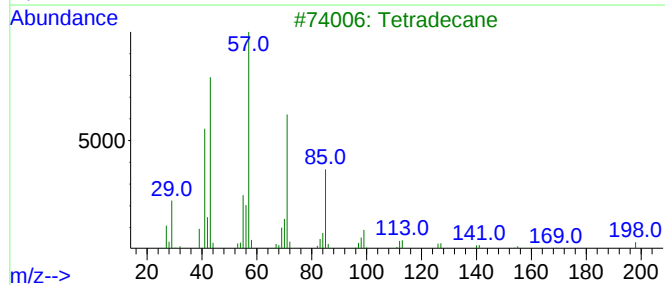
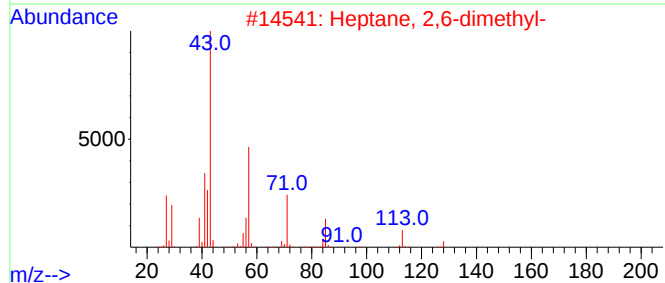
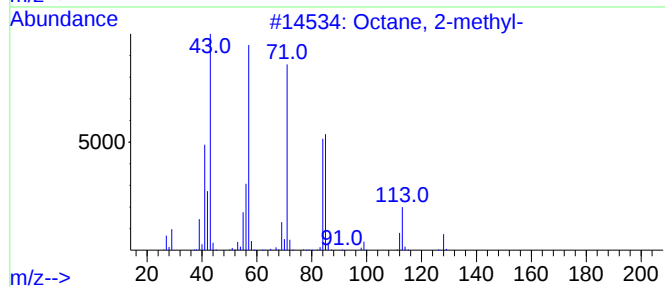
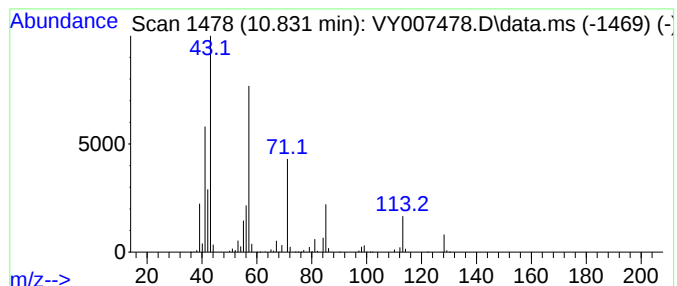
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MSVOA_Y
ClientSampleId :
A5-6-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

Peak Number 11 Octane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD			R.T.
10.831	53.45 ug/l	20098700	Chlorobenzene-d5			11.502
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-		128	C9H20	003221-61-2	91
2	Heptane, 2,6-dimethyl-		128	C9H20	001072-05-5	68
3	Tetradecane		198	C14H30	000629-59-4	64
4	Undecane, 5-methyl-		170	C12H26	001632-70-8	64
5	Carbonic acid, nonyl vinyl ester		214	C12H22O3	1000383-25-6	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
Data File : VY007478.D
Acq On : 11 Feb 2022 14:40
Operator : SY/MD
Sample : N1465-06
Misc : 6.73g/5.0mL/MSVOA_Y/SoIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-6-8.5

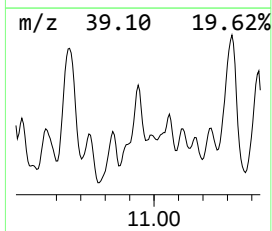
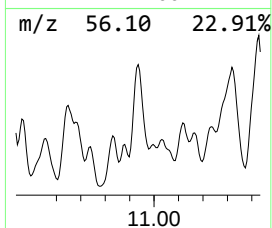
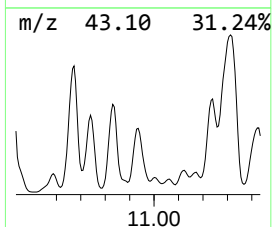
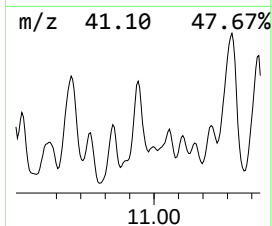
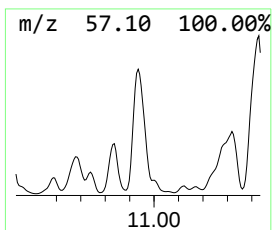
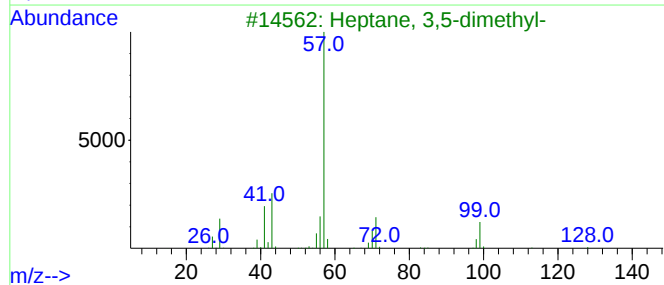
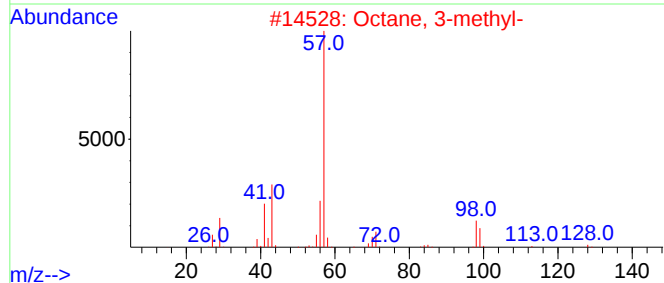
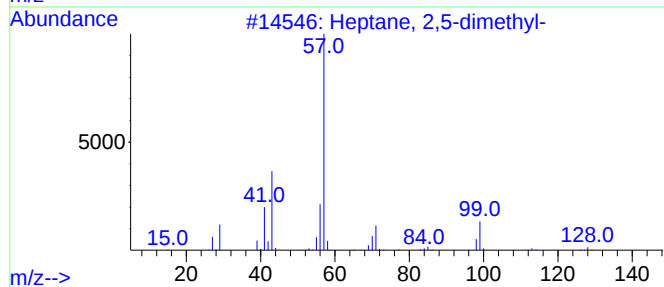
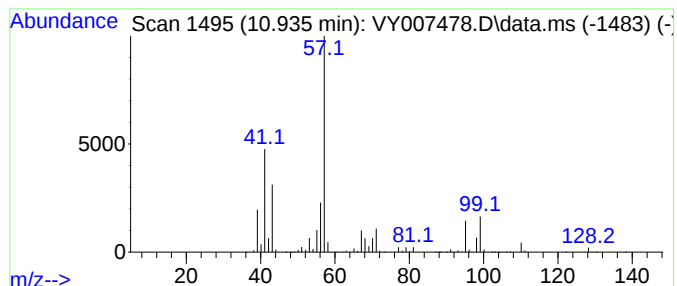
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Quant Title : SW846 8260

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

Peak Number 12 Heptane, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.935	92.50 ug/l	34782900	Chlorobenzene-d5	11.502

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	70
2			Octane, 3-methyl-	128	C9H20	002216-33-3	58
3			Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	53
4			2,2,4,4-Tetramethyloctane	170	C12H26	062183-79-3	38
5			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
Data File : VY007478.D
Acq On : 11 Feb 2022 14:40
Operator : SY/MD
Sample : N1465-06
Misc : 6.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-6-8.5

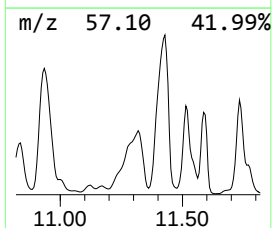
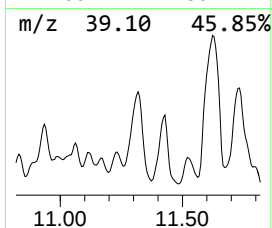
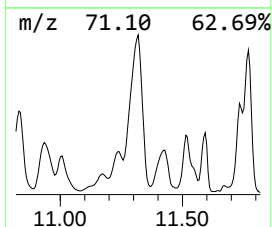
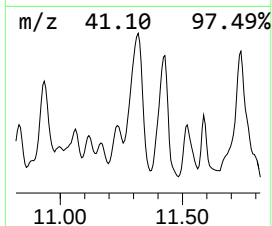
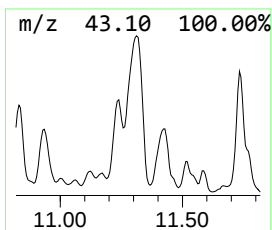
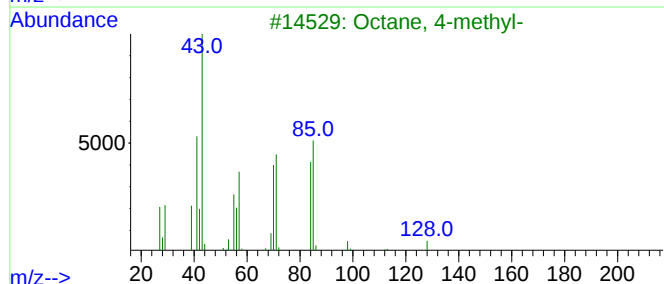
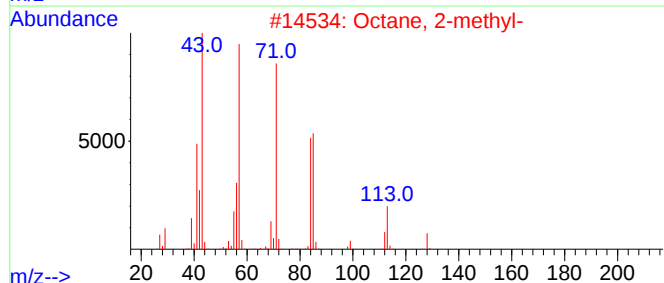
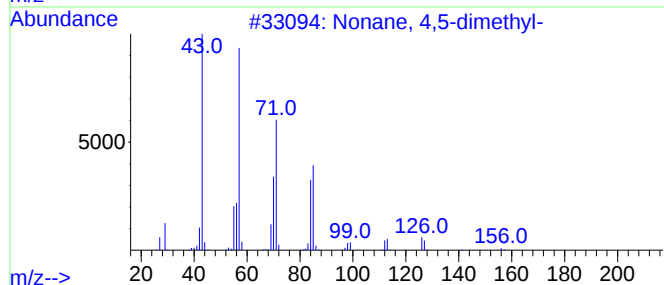
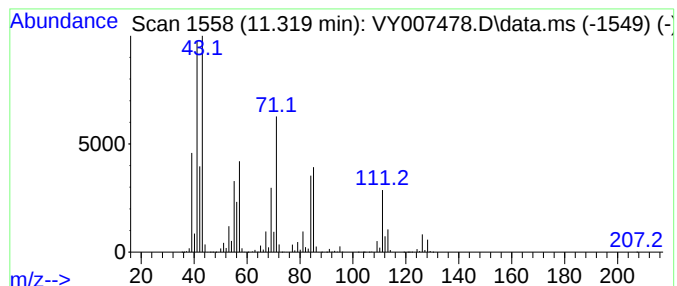
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Quant Title : SW846 8260

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

Peak Number 13 unknown11.319 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.319	152.54 ug/l	57360000	Chlorobenzene-d5	11.502

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4,5-dimethyl-			156	C11H24	017302-23-7	47
2	Octane, 2-methyl-			128	C9H20	003221-61-2	46
3	Octane, 4-methyl-			128	C9H20	002216-34-4	38
4	Dichloroacetic acid, 4-methylpen...			212	C8H14Cl2O2	1000282-43-7	35
5	Hexane, 2-methyl-			100	C7H16	000591-76-4	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
Data File : VY007478.D
Acq On : 11 Feb 2022 14:40
Operator : SY/MD
Sample : N1465-06
Misc : 6.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

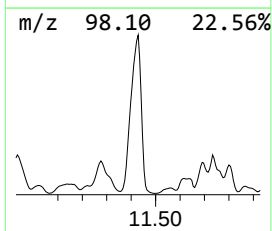
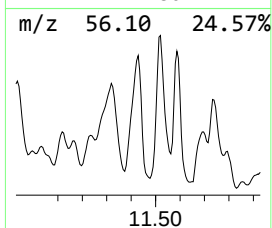
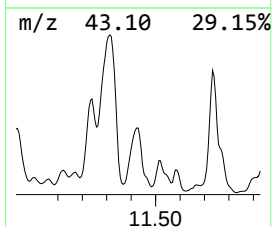
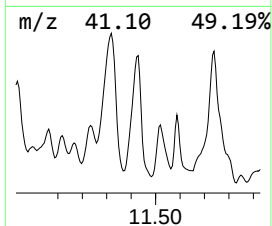
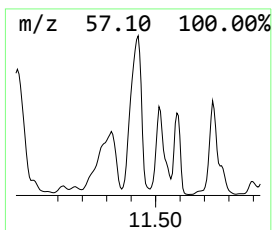
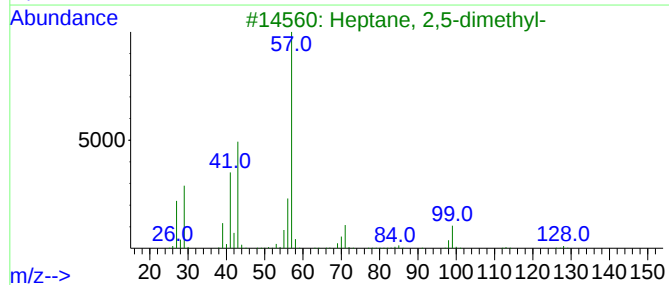
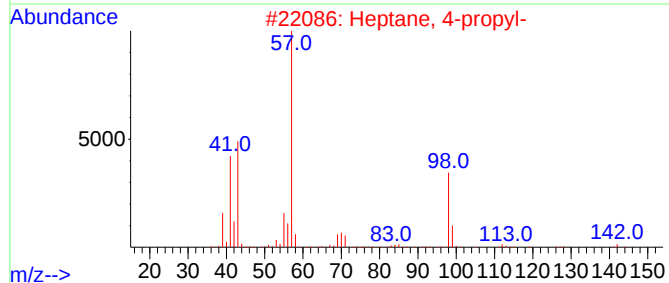
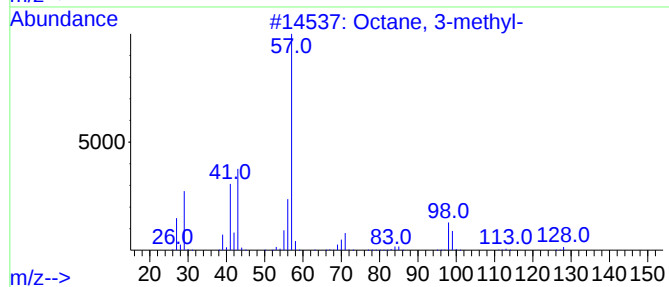
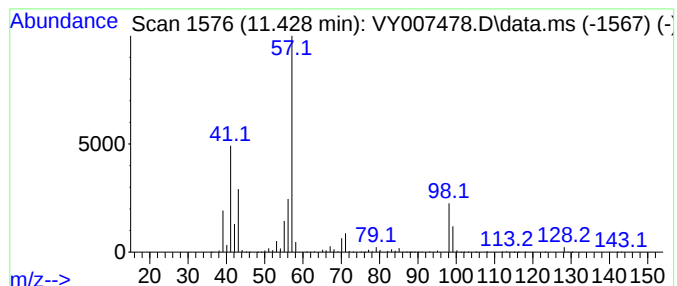
Instrument :
MSVOA_Y
ClientSampleId :
A5-6-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260

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

Peak Number 14 Octane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.428	97.32 ug/l	36595500	Chlorobenzene-d5		11.502	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-		128	C9H20	002216-33-3	80
2	Heptane, 4-propyl-		142	C10H22	003178-29-8	72
3	Heptane, 2,5-dimethyl-		128	C9H20	002216-30-0	64
4	Heptane, 3,5-dimethyl-		128	C9H20	000926-82-9	58
5	Heptane, 4-(1-methylethyl)-		142	C10H22	052896-87-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
Data File : VY007478.D
Acq On : 11 Feb 2022 14:40
Operator : SY/MD
Sample : N1465-06
Misc : 6.73g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A5-6-8.5

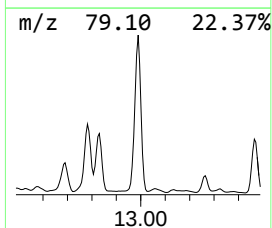
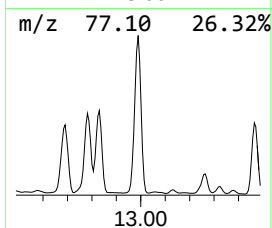
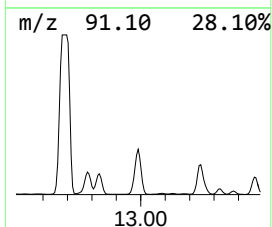
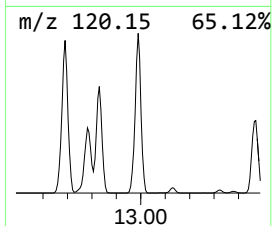
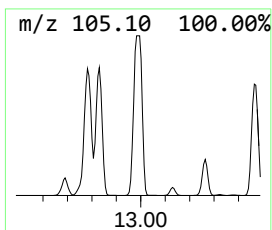
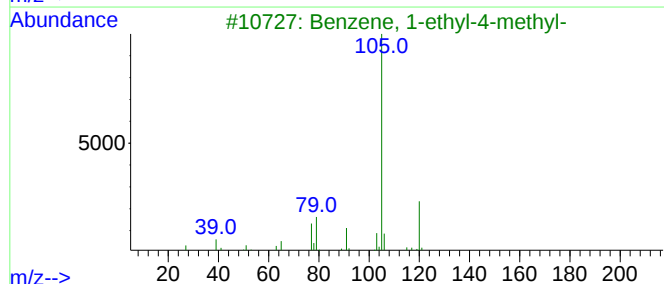
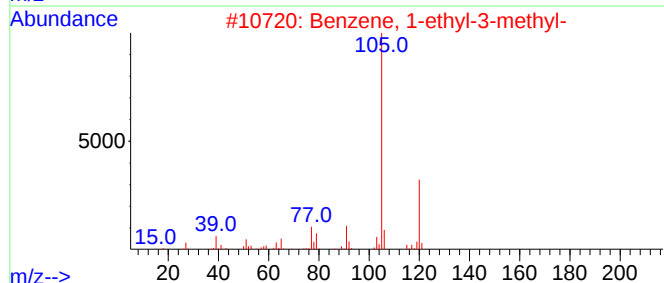
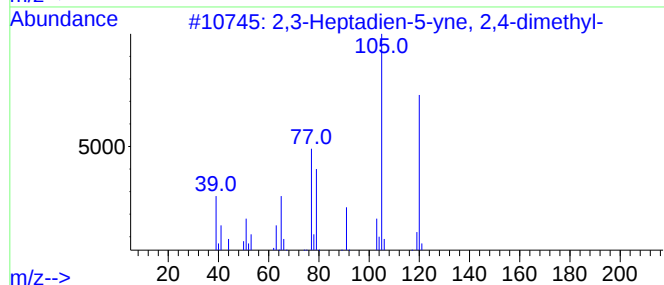
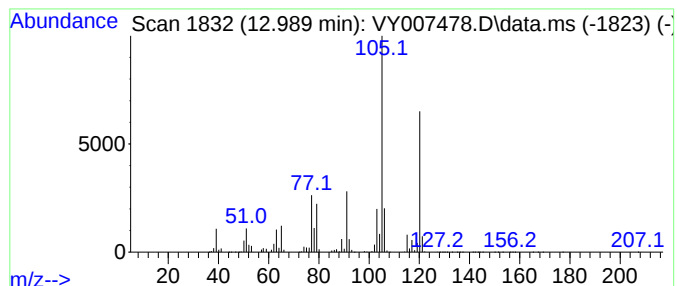
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Quant Title : SW846 8260

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

Peak Number 15 2,3-Heptadien-5-yne, 2,4-di... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.989	86.51 ug/l	75640200	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Heptadien-5-yne, 2,4-dimethyl-	120	C9H12	041898-89-9	87		
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76		
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	76		
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76		
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	72		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
 Data File : VY007478.D
 Acq On : 11 Feb 2022 14:40
 Operator : SY/MD
 Sample : N1465-06
 Misc : 6.73g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A5-6-8.5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.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
Pentane, 2-methyl-	4.808	93.0	ug/l	350805000	1	7.813	188631000	50.0
Cyclopentane, m...	6.856	64.4	ug/l	242790000	1	7.813	188631000	50.0
1-Hexene, 4-met...	8.429	169.2	ug/l	319379000	2	8.703	94364100	50.0
Heptane	8.612	57.2	ug/l	107995000	2	8.703	94364100	50.0
Diisoamyl ether	9.673	67.2	ug/l	126819000	2	8.703	94364100	50.0
Pentane, 2,3,3-...	9.807	86.2	ug/l	162607000	2	8.703	94364100	50.0
Hexane, 2,2,5-t...	10.160	162.8	ug/l	61228500	3	11.502	18801100	50.0
Octane	10.410	174.6	ug/l	65653400	3	11.502	18801100	50.0
unknown10.660	10.660	115.5	ug/l	43427900	3	11.502	18801100	50.0
Heptane, 2,4-di...	10.740	44.0	ug/l	16559400	3	11.502	18801100	50.0
Octane, 2-methyl-	10.831	53.5	ug/l	20098700	3	11.502	18801100	50.0
Heptane, 2,5-di...	10.935	92.5	ug/l	34782900	3	11.502	18801100	50.0
unknown11.319	11.319	152.5	ug/l	57360000	3	11.502	18801100	50.0
Octane, 3-methyl-	11.428	97.3	ug/l	36595500	3	11.502	18801100	50.0
2,3-Heptadien-5...	12.989	86.5	ug/l	75640200	4	13.434	43718800	50.0