

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009600.D
 Acq On : 19 Jul 2022 19:24
 Operator : KP/MD
 Sample : N3652-03
 Misc : 6.62g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-7-(24-30)

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\82Y071822S.M
 Title : SW846 8260

Signal : TIC: VY009600.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.692	458	471	492	rBV2	34199	165533	1.16%	0.136%
2	6.679	784	797	808	rBV2	47761	153282	1.07%	0.126%
3	7.710	954	966	971	rBV	159948	386735	2.70%	0.318%
4	7.783	971	978	985	rVV	318970	775356	5.42%	0.637%
5	7.862	985	991	1004	rVB2	94810	240902	1.68%	0.198%
6	8.136	1027	1036	1048	rVB	152316	342559	2.39%	0.281%
7	8.319	1048	1066	1078	rBV	5399605	12960015	90.55%	10.644%
8	8.685	1116	1126	1135	rBV	501380	989295	6.91%	0.812%
9	9.313	1222	1229	1237	rBV	503924	1030452	7.20%	0.846%
10	9.612	1270	1278	1289	rVB	4578989	8683564	60.67%	7.132%
11	9.740	1289	1299	1313	rBV	6189383	12139028	84.81%	9.970%
12	9.929	1324	1330	1337	rBV5	57765	146588	1.02%	0.120%
13	10.112	1347	1360	1365	rBV	2304288	4185531	29.24%	3.438%
14	10.173	1365	1370	1382	rVB	682616	1236706	8.64%	1.016%
15	10.477	1409	1420	1425	rBV2	104103	202932	1.42%	0.167%
16	10.551	1425	1432	1436	rBV	123397	214649	1.50%	0.176%
17	10.636	1436	1446	1455	rVB2	615323	1317126	9.20%	1.082%
18	10.892	1479	1488	1497	rVB7	60235	227441	1.59%	0.187%
19	11.002	1497	1506	1512	rBV4	88493	227766	1.59%	0.187%
20	11.087	1512	1520	1524	rVB7	58467	156092	1.09%	0.128%
21	11.142	1524	1529	1542	rVB4	271920	561670	3.92%	0.461%
22	11.410	1563	1573	1577	rBV3	218757	500409	3.50%	0.411%
23	11.483	1578	1585	1590	rVV2	1300464	2637290	18.43%	2.166%
24	11.532	1590	1593	1595	rVV3	317838	501097	3.50%	0.412%
25	11.556	1595	1597	1603	rVV	427043	644559	4.50%	0.529%
26	11.745	1620	1628	1637	rVB	490280	986147	6.89%	0.810%
27	11.843	1637	1644	1647	rBV7	75120	173812	1.21%	0.143%
28	11.892	1647	1652	1656	rVB3	114622	203045	1.42%	0.167%
29	11.983	1662	1667	1674	rVB4	153134	344514	2.41%	0.283%
30	12.105	1682	1687	1693	rVV	377100	615476	4.30%	0.505%
31	12.191	1697	1701	1713	rVB4	190029	516496	3.61%	0.424%
32	12.300	1713	1719	1724	rBV4	137846	281563	1.97%	0.231%
33	12.459	1739	1745	1755	rVB	9112191	14312611	100.00%	11.755%
34	12.568	1755	1763	1767	rBV4	240995	601986	4.21%	0.494%
35	12.623	1767	1772	1782	rVB	1132815	2557431	17.87%	2.100%
36	12.733	1782	1790	1796	rBV6	175130	524824	3.67%	0.431%

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37	12.837	1796	1807	1812	rBV3	1298714	2953465	20.64%	2.426%
38	12.885	1812	1815	1819	rVV	284018	426970	2.98%	0.351%
39	12.928	1819	1822	1828	rVV3	90927	215283	1.50%	0.177%
40	13.038	1830	1840	1841	rVV3	629523	1269130	8.87%	1.042%
41	13.068	1841	1845	1852	rVB	3007378	4468360	31.22%	3.670%
42	13.172	1858	1862	1868	rBV	690514	1092862	7.64%	0.898%
43	13.282	1868	1880	1888	rBV	5521236	9433094	65.91%	7.747%
44	13.349	1888	1891	1895	rVV	311867	447511	3.13%	0.368%
45	13.398	1895	1899	1901	rVV	702934	1135701	7.93%	0.933%
46	13.428	1901	1904	1907	rVV2	856580	1472931	10.29%	1.210%
47	13.477	1907	1912	1922	rVB	4307383	9479614	66.23%	7.785%
48	13.593	1928	1931	1933	rBV	164652	234383	1.64%	0.192%
49	13.641	1933	1939	1950	rVB	1453014	2755318	19.25%	2.263%
50	13.782	1959	1962	1964	rBV	146603	218310	1.53%	0.179%
51	13.818	1964	1968	1974	rVB2	459526	991074	6.92%	0.814%
52	13.958	1986	1991	1993	rVV2	492645	883566	6.17%	0.726%
53	13.989	1993	1996	2006	rVB2	823814	1893949	13.23%	1.555%
54	14.074	2006	2010	2014	rBV	323797	452182	3.16%	0.371%
55	14.141	2015	2021	2035	rVB5	470745	1645001	11.49%	1.351%
56	14.306	2036	2048	2052	rBV6	355524	1255137	8.77%	1.031%
57	14.385	2055	2061	2070	rVV3	1483307	3765132	26.31%	3.092%
58	14.464	2070	2074	2079	rVV3	288254	537894	3.76%	0.442%
59	14.519	2080	2083	2086	rVV	228630	358209	2.50%	0.294%
60	14.568	2087	2091	2096	rVB3	292021	522036	3.65%	0.429%
61	15.227	2195	2199	2204	rVB	425953	734579	5.13%	0.603%
62	15.281	2204	2208	2212	rBV2	158658	281697	1.97%	0.231%
63	15.446	2231	2235	2241	rVB4	145063	292508	2.04%	0.240%
64	15.812	2292	2295	2303	rVB	124578	242332	1.69%	0.199%
65	15.897	2305	2309	2313	rVB2	145976	234607	1.64%	0.193%
66	16.757	2445	2450	2455	rVB4	151752	323524	2.26%	0.266%

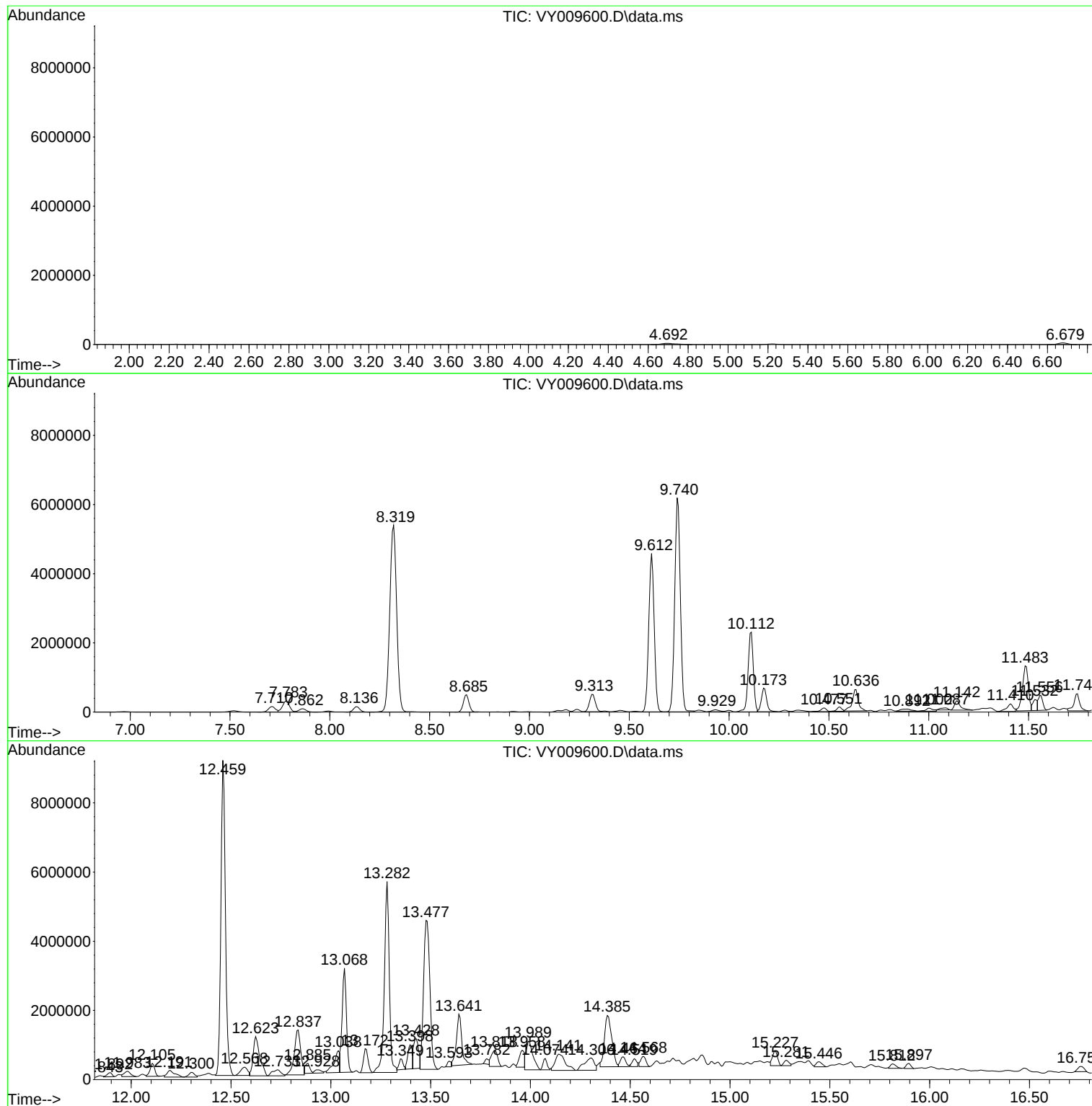
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ClientSampleId :
SED-7-(24-30)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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



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Instrument :
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ClientSampleId :
SED-7-(24-30)

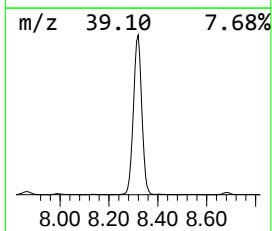
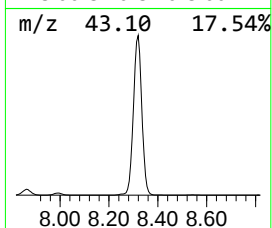
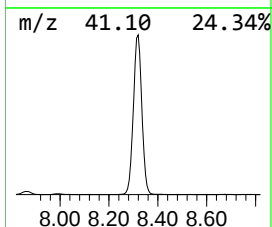
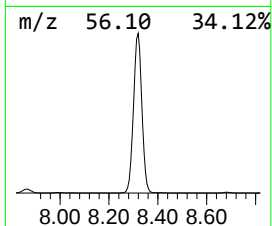
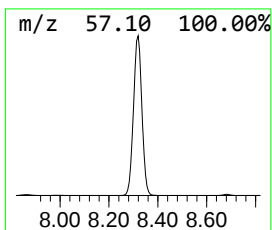
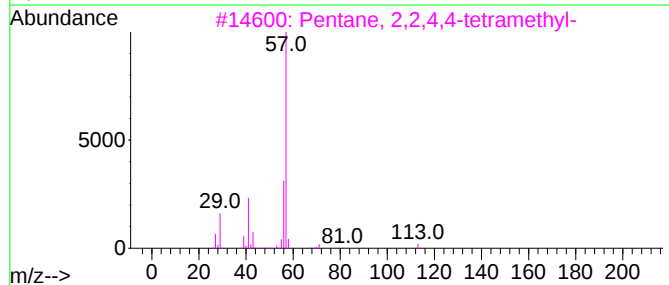
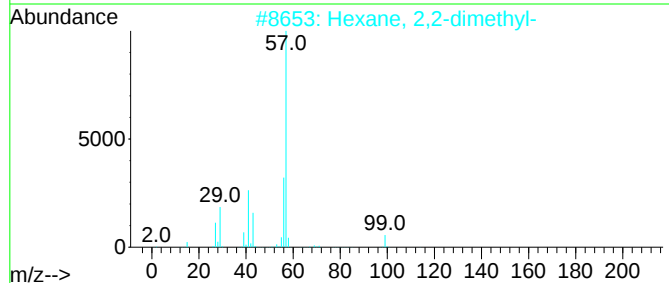
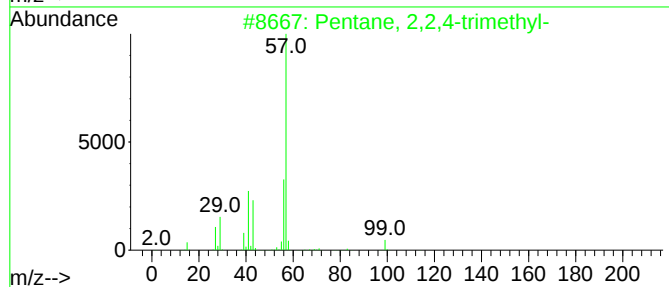
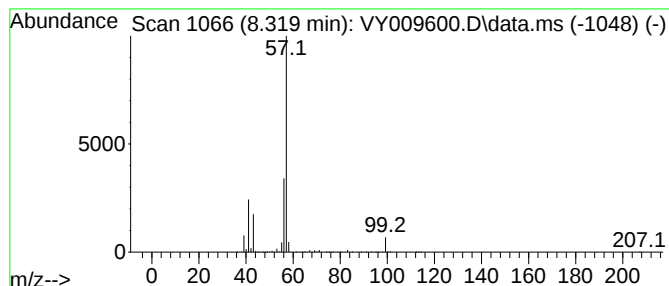
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.319	655.01 ug/l	12960000	1,4-Difluorobenzene	8.685

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	83
3			Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	78
4			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	74
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	64



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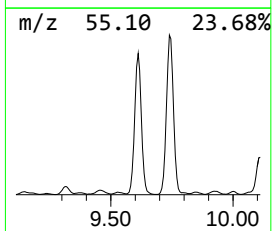
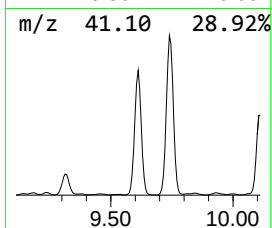
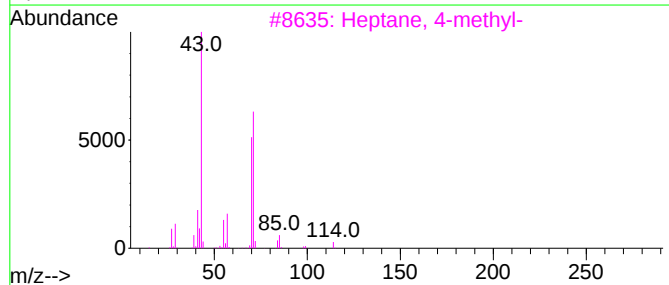
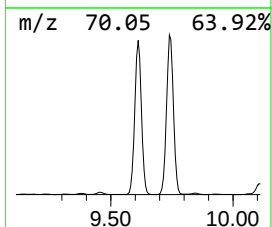
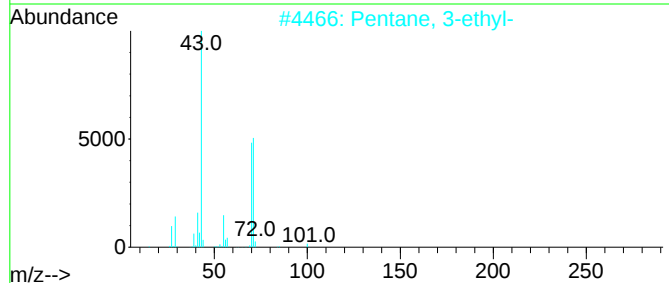
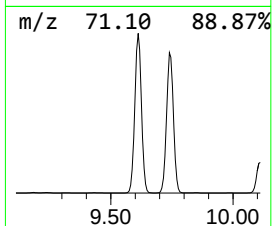
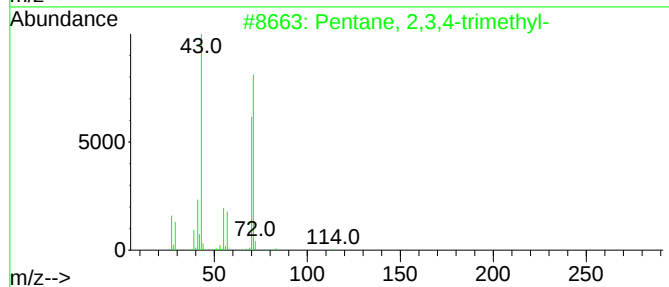
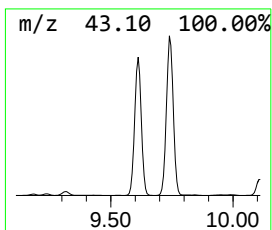
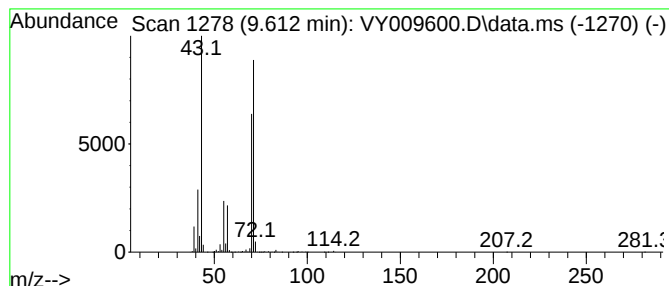
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.612	438.88 ug/l	8683560	1,4-Difluorobenzene	8.685

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			Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
5			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	72



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Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(24-30)

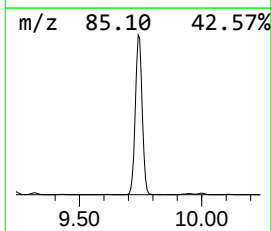
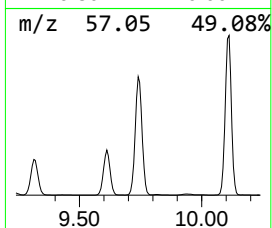
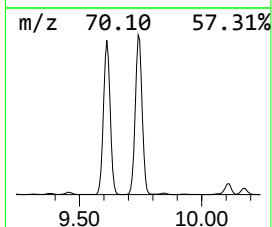
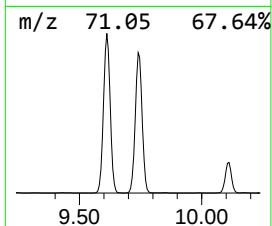
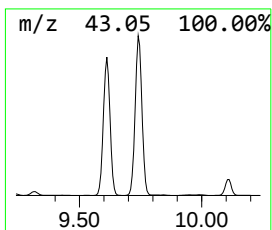
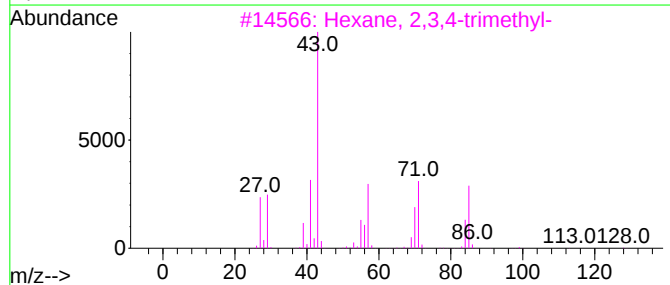
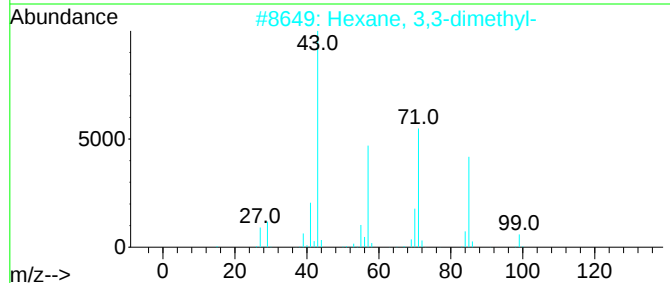
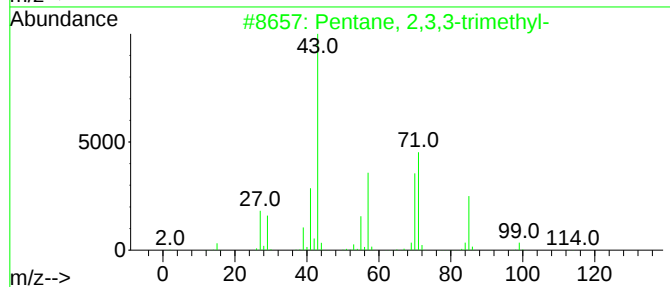
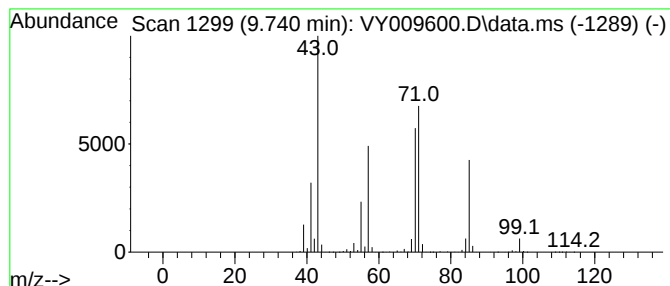
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.740	613.52 ug/l	12139000	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
4			Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	56
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	53



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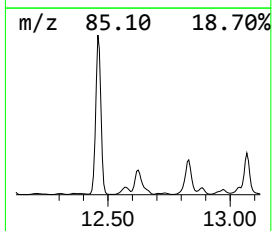
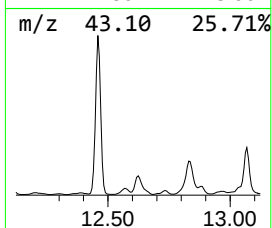
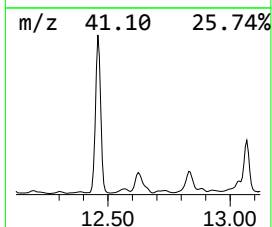
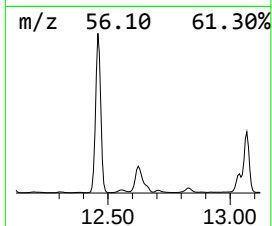
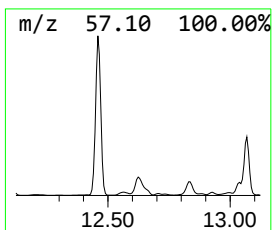
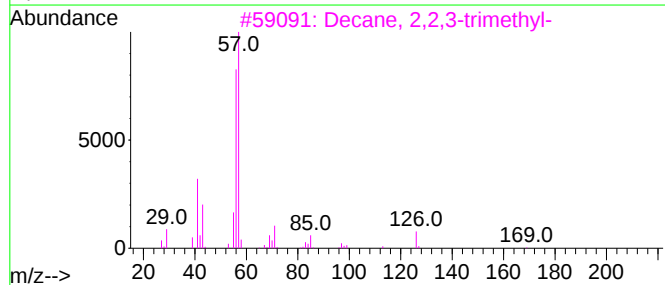
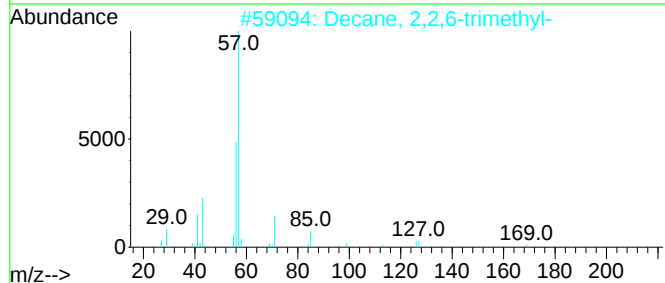
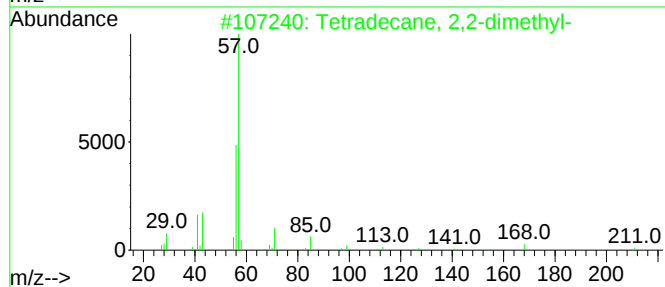
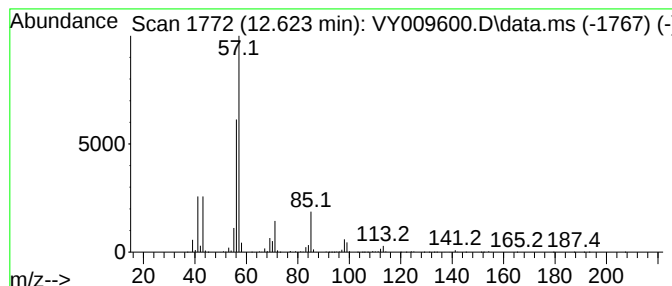
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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

Peak Number 4 Tetradecane, 2,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.623	86.81 ug/l	2557430	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
2			Decane, 2,2,6-trimethyl-	184	C13H28	062237-97-2	64
3			Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	64
4			Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	64
5			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009600.D
Acq On : 19 Jul 2022 19:24
Operator : KP/MD
Sample : N3652-03
Misc : 6.62g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(24-30)

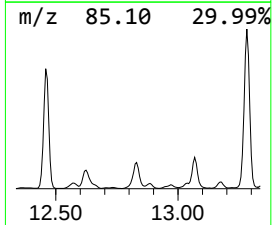
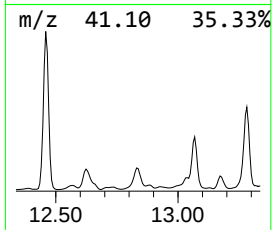
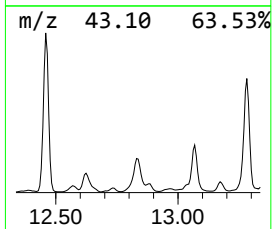
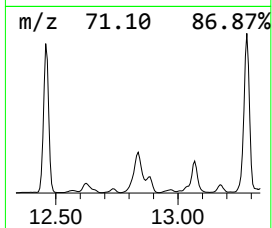
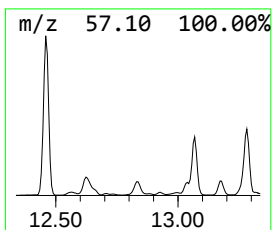
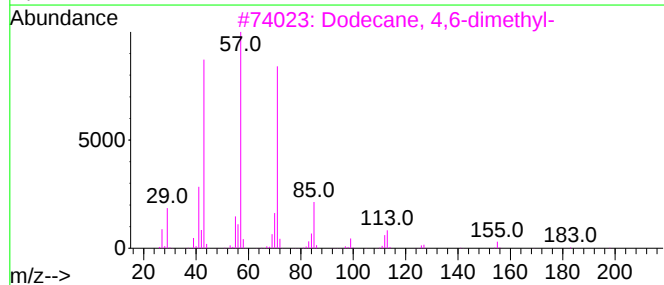
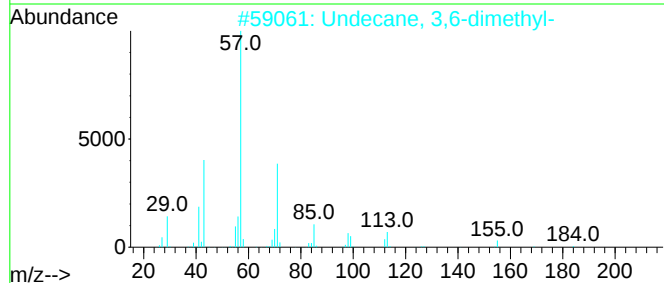
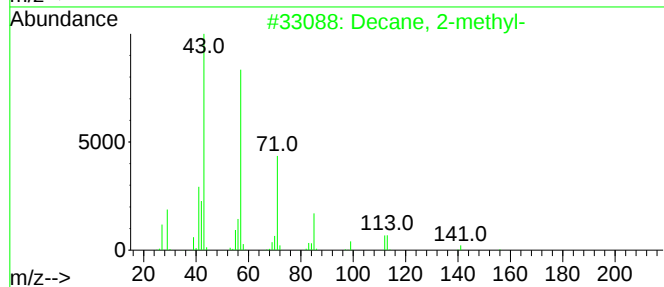
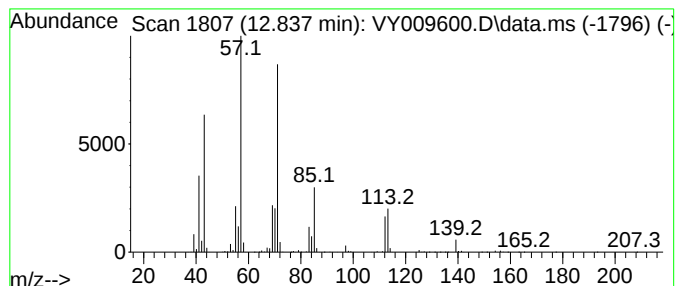
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Quant Title : SW846 8260

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

Peak Number 5 Decane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.837	100.26 ug/l	2953470	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	80
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
3			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
4			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	64
5			Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009600.D
Acq On : 19 Jul 2022 19:24
Operator : KP/MD
Sample : N3652-03
Misc : 6.62g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(24-30)

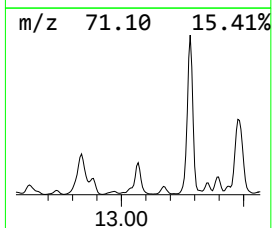
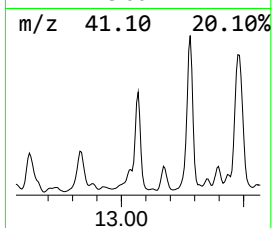
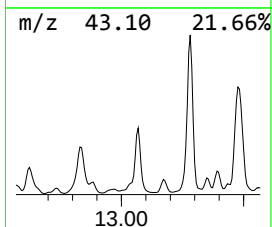
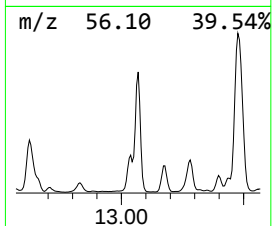
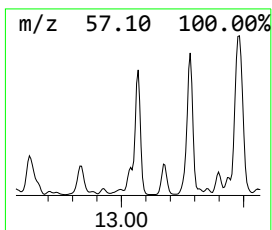
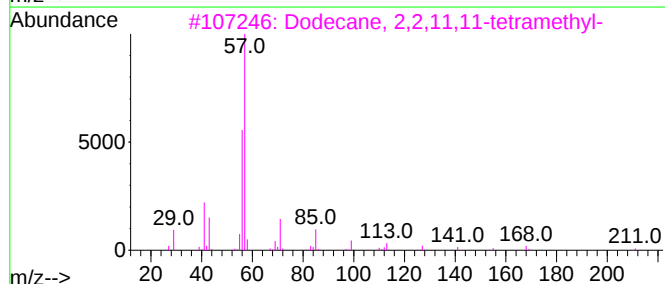
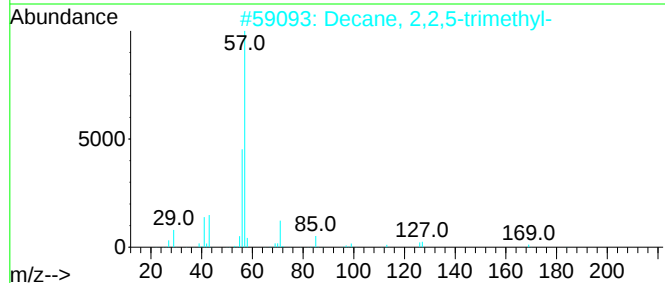
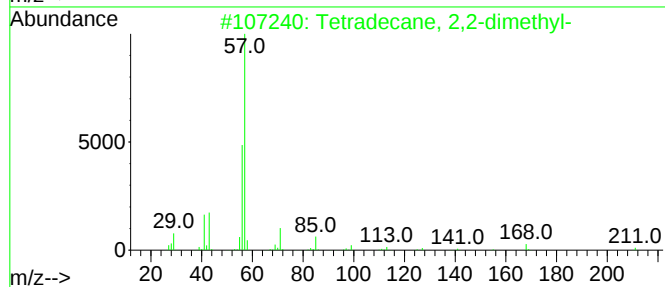
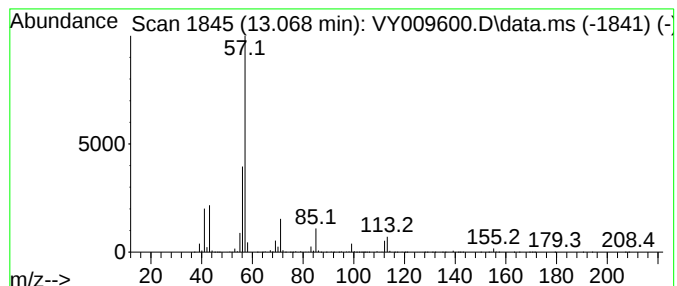
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Quant Title : SW846 8260

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

Peak Number 6 Decane, 2,2,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.068	151.68 ug/l	4468360	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	72
2			Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	72
3			Dodecane, 2,2,11,11-tetramethyl-	226	C16H34	127204-12-0	72
4			Undecane, 2,2-dimethyl-	184	C13H28	017312-64-0	72
5			Decane, 2,2,8-trimethyl-	184	C13H28	062238-01-1	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009600.D
Acq On : 19 Jul 2022 19:24
Operator : KP/MD
Sample : N3652-03
Misc : 6.62g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(24-30)

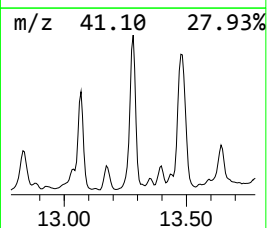
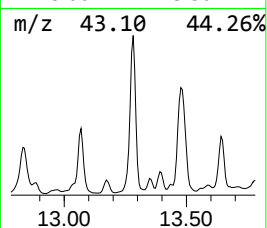
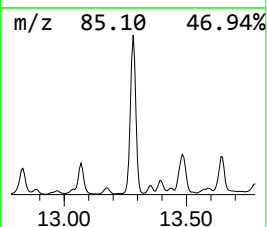
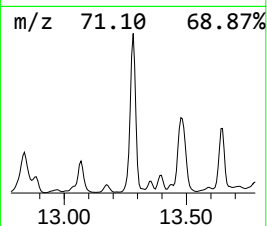
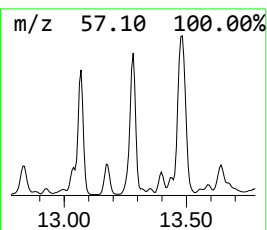
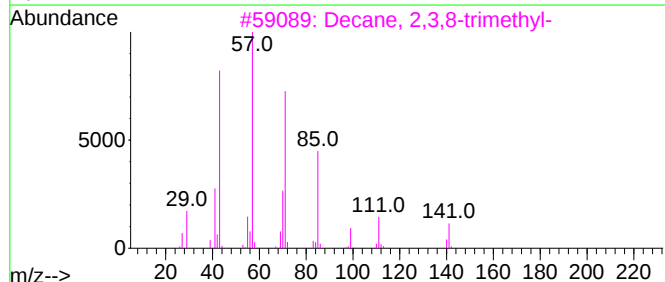
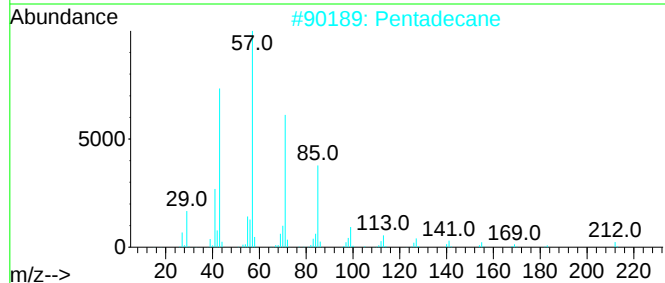
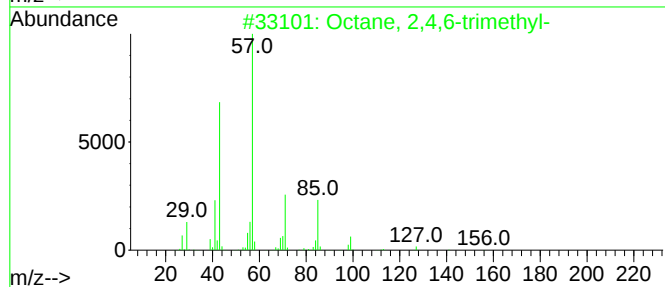
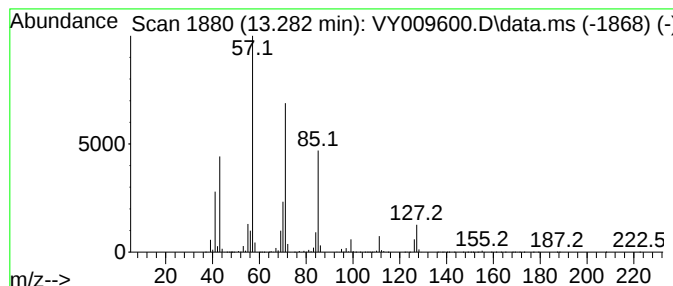
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Quant Title : SW846 8260

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

Peak Number 7 Octane, 2,4,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.282	320.21 ug/l	9433090	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
2			Pentadecane	212	C15H32	000629-62-9	64
3			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	64
4			Heneicosane	296	C21H44	000629-94-7	59
5			Pentan-2-yl 2-methylbutanoate	172	C10H20O2	1000372-71-7	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009600.D
Acq On : 19 Jul 2022 19:24
Operator : KP/MD
Sample : N3652-03
Misc : 6.62g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(24-30)

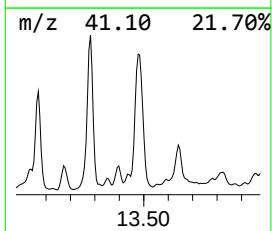
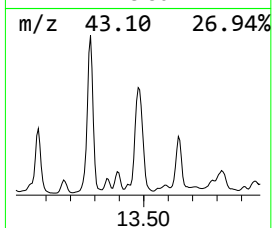
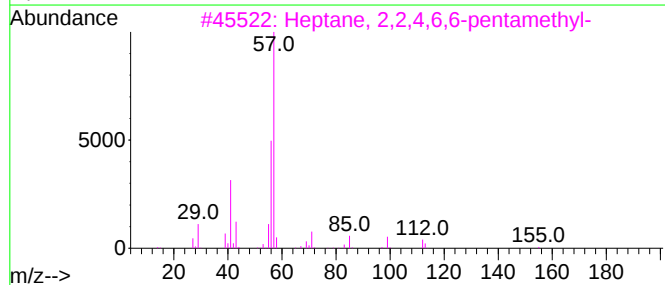
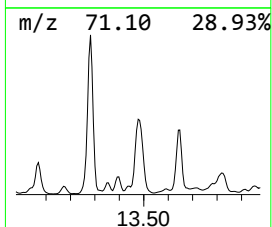
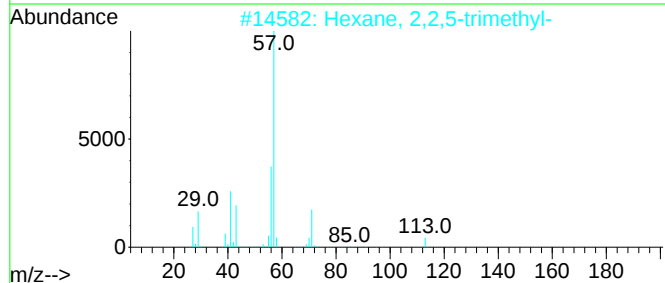
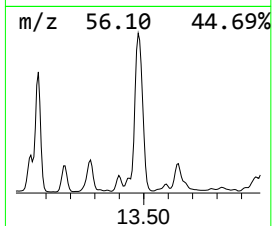
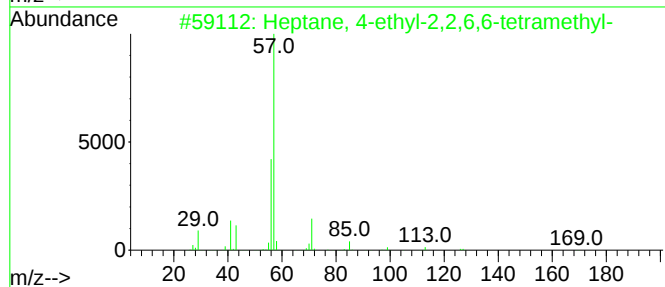
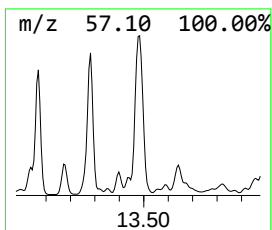
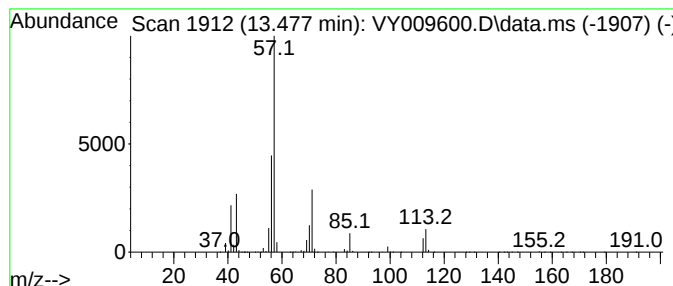
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Quant Title : SW846 8260

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

Peak Number 8 Heptane, 4-ethyl-2,2,6,6-te... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.477	321.79 ug/l	9479610	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	72
2			Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
3			Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
5			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009600.D
Acq On : 19 Jul 2022 19:24
Operator : KP/MD
Sample : N3652-03
Misc : 6.62g/5.0mL/MSVOA_Y/soil
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(24-30)

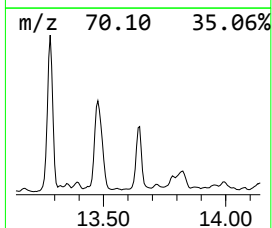
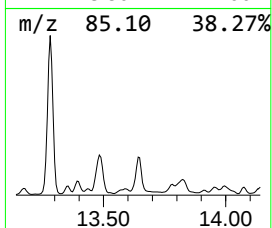
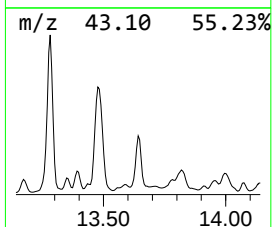
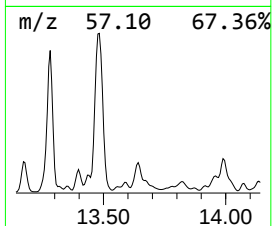
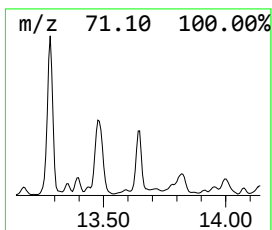
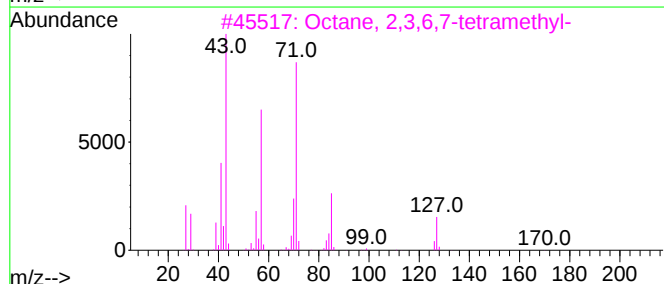
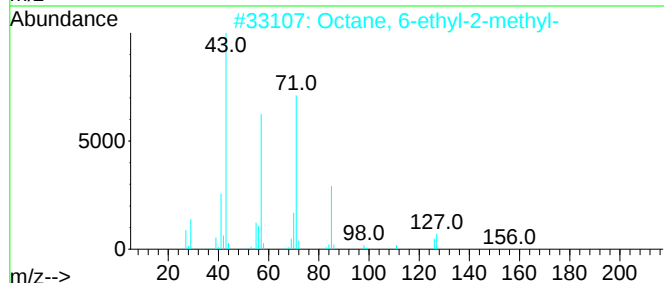
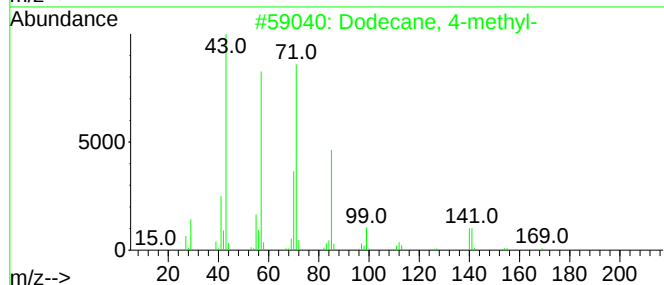
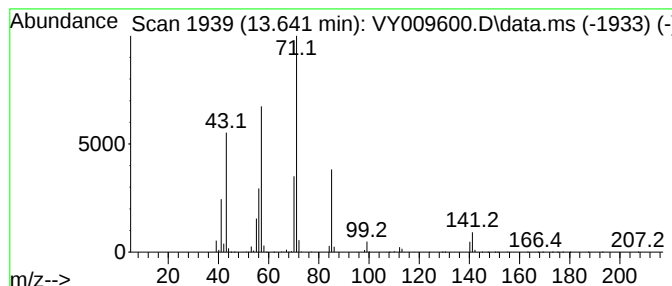
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Quant Title : SW846 8260

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

Peak Number 9 Dodecane, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.642	93.53 ug/l	2755320	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 4-methyl-	184	C13H28	006117-97-1	72
2			Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	64
3			Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	59
4			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59
5			Sulfurous acid, decyl 2-pentyl e...	292	C15H32O3S	1000309-15-9	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009600.D
Acq On : 19 Jul 2022 19:24
Operator : KP/MD
Sample : N3652-03
Misc : 6.62g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(24-30)

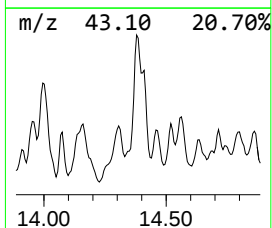
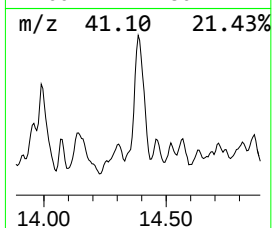
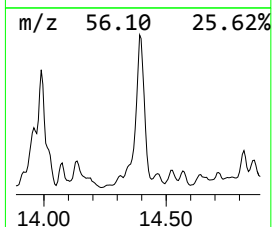
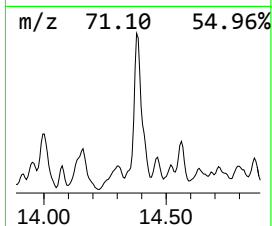
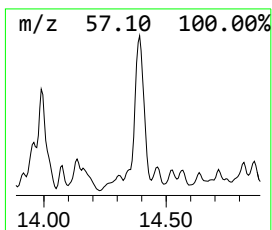
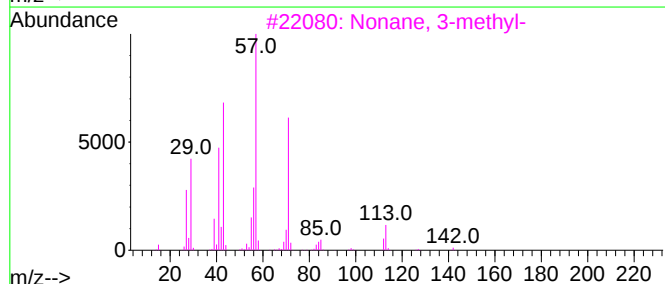
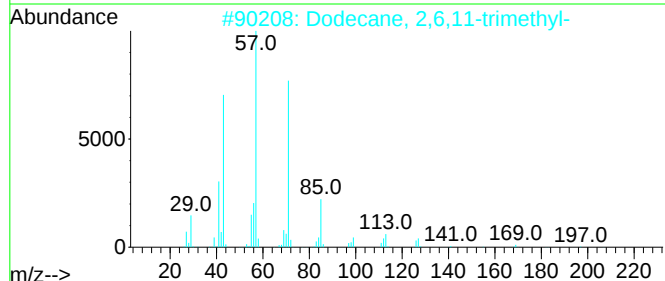
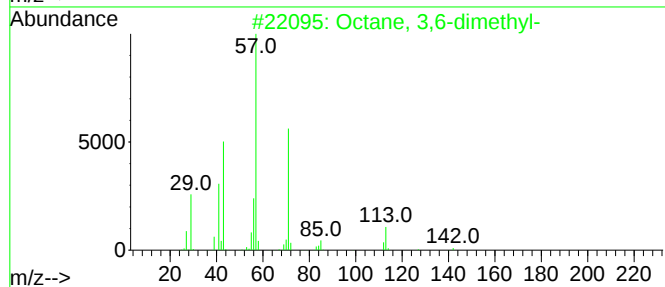
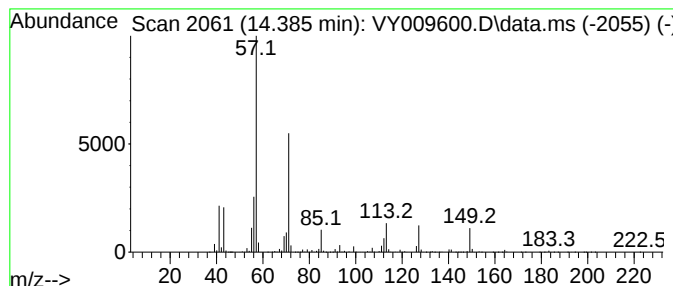
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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

Peak Number 10 Octane, 3,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.385	127.81 ug/l	3765130	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
3			Nonane, 3-methyl-	142	C10H22	005911-04-6	64
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	59
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
Data File : VY009600.D
Acq On : 19 Jul 2022 19:24
Operator : KP/MD
Sample : N3652-03
Misc : 6.62g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SED-7-(24-30)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
Quant Title : SW846 8260

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

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					#	RT	Resp	Conc
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Pentane, 2,3,4-...	9.612	438.9	ug/l	8683560	2	8.685	989295	50.0
Pentane, 2,3,3-...	9.740	613.5	ug/l	12139000	2	8.685	989295	50.0
Tetradecane, 2,...	12.623	86.8	ug/l	2557430	4	13.422	1472930	50.0
Decane, 2-methyl-	12.837	100.3	ug/l	2953470	4	13.422	1472930	50.0
Decane, 2,2,5-t...	13.068	151.7	ug/l	4468360	4	13.422	1472930	50.0
Octane, 2,4,6-t...	13.282	320.2	ug/l	9433090	4	13.422	1472930	50.0
Heptane, 4-ethy...	13.477	321.8	ug/l	9479610	4	13.422	1472930	50.0
Dodecane, 4-met...	13.642	93.5	ug/l	2755320	4	13.422	1472930	50.0
Octane, 3,6-dim...	14.385	127.8	ug/l	3765130	4	13.422	1472930	50.0