

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
 Data File : VY011617.D
 Acq On : 29 Nov 2022 13:13
 Operator : KP/MD
 Sample : N5793-03
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-40-SB02

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\82Y111822S.M
 Title : SW846 8260

Signal : TIC: VY011617.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.863	3	7	16	rBV3	16339	37300	3.08%	0.359%
2	2.058	34	39	46	rVB	12544	20622	1.70%	0.199%
3	2.247	68	70	81	rVB2	8868	14712	1.22%	0.142%
4	3.253	228	235	247	rBV5	4451	12144	1.00%	0.117%
5	3.948	341	349	360	rBV	7041	21305	1.76%	0.205%
6	4.198	380	390	404	rVB	29514	77817	6.43%	0.749%
7	4.716	464	475	496	rVB2	35511	118974	9.83%	1.146%
8	5.753	637	645	655	rBV3	4336	13361	1.10%	0.129%
9	6.119	697	705	716	rVB5	4213	13486	1.11%	0.130%
10	6.984	834	847	859	rBV4	4703	17269	1.43%	0.166%
11	7.722	957	968	973	rBV	172774	404595	33.44%	3.896%
12	7.789	973	979	993	rVB	270180	615369	50.87%	5.926%
13	8.143	1026	1037	1050	rBV	177704	392413	32.44%	3.779%
14	8.691	1118	1127	1138	rBV	452231	884902	73.15%	8.522%
15	10.179	1363	1371	1379	rBV	707225	1209760	100.00%	11.650%
16	11.282	1544	1552	1563	rVB3	14216	30982	2.56%	0.298%
17	11.380	1563	1568	1575	rVB	10144	16867	1.39%	0.162%
18	11.490	1578	1586	1595	rBV	674803	1097130	90.69%	10.565%
19	11.715	1618	1623	1631	rVB2	57893	101377	8.38%	0.976%
20	11.935	1654	1659	1664	rVB3	8369	13178	1.09%	0.127%
21	12.008	1664	1671	1678	rBV4	20660	54443	4.50%	0.524%
22	12.124	1685	1690	1694	rVB	18355	25251	2.09%	0.243%
23	12.197	1694	1702	1706	rBV7	9294	23145	1.91%	0.223%
24	12.252	1706	1711	1719	rVB4	15966	33006	2.73%	0.318%
25	12.392	1725	1734	1735	rVV4	20839	44870	3.71%	0.432%
26	12.416	1735	1738	1740	rVV2	34668	53462	4.42%	0.515%
27	12.441	1740	1742	1744	rVV2	43820	52194	4.31%	0.503%
28	12.483	1744	1749	1754	rVV	542642	857903	70.92%	8.262%
29	12.526	1754	1756	1761	rVB	41560	46378	3.83%	0.447%
30	12.648	1773	1776	1783	rVB6	7381	14007	1.16%	0.135%
31	12.727	1783	1789	1793	rBV2	8319	16546	1.37%	0.159%
32	12.806	1793	1802	1808	rVV2	204357	307027	25.38%	2.957%
33	12.861	1808	1811	1816	rVV2	16645	26275	2.17%	0.253%
34	12.953	1823	1826	1830	rVV2	15306	23161	1.91%	0.223%
35	13.008	1830	1835	1837	rVV2	20457	36768	3.04%	0.354%
36	13.038	1837	1840	1847	rVV	30920	51072	4.22%	0.492%

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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

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37	13.099	1847	1850	1857	rVB4	12048	22680	1.87%	0.218%
38	13.166	1857	1861	1866	rBV	15978	27188	2.25%	0.262%
39	13.300	1878	1883	1884	rBV4	11917	18347	1.52%	0.177%
40	13.325	1884	1887	1890	rVV	22105	33694	2.79%	0.324%
41	13.361	1890	1893	1896	rVV	35442	51518	4.26%	0.496%
42	13.428	1896	1904	1910	rVV	645666	1034101	85.48%	9.958%
43	13.501	1912	1916	1924	rVB2	32773	52976	4.38%	0.510%
44	13.751	1951	1957	1962	rBV	148781	215559	17.82%	2.076%
45	13.788	1962	1963	1968	rVB3	10195	12102	1.00%	0.117%
46	13.855	1968	1974	1979	rBV8	8317	16280	1.35%	0.157%
47	13.916	1979	1984	1988	rBV4	12164	24028	1.99%	0.231%
48	13.965	1988	1992	1997	rVB5	16634	26646	2.20%	0.257%
49	14.014	1997	2000	2006	rVB2	13601	21101	1.74%	0.203%
50	14.074	2006	2010	2015	rBV5	8232	12885	1.07%	0.124%
51	14.142	2015	2021	2027	rBV5	11820	20520	1.70%	0.198%
52	14.202	2027	2031	2033	rBV4	11156	16790	1.39%	0.162%
53	14.245	2033	2038	2040	rBV5	28720	53311	4.41%	0.513%
54	14.318	2046	2050	2056	rVB	33801	45619	3.77%	0.439%
55	14.385	2056	2061	2064	rBV2	31527	44247	3.66%	0.426%
56	14.416	2064	2066	2071	rVB4	13283	18276	1.51%	0.176%
57	14.477	2071	2076	2082	rVB7	12935	26886	2.22%	0.259%
58	14.611	2093	2098	2105	rBV	214509	285632	23.61%	2.751%
59	14.684	2105	2110	2113	rBV3	25254	42284	3.50%	0.407%
60	14.727	2113	2117	2124	rVV2	68950	123367	10.20%	1.188%
61	14.806	2125	2130	2133	rVV3	20033	35872	2.97%	0.345%
62	14.849	2133	2137	2145	rVV8	18523	43791	3.62%	0.422%
63	14.940	2150	2152	2156	rVB4	14481	17870	1.48%	0.172%
64	15.038	2160	2168	2174	rVV4	49884	129100	10.67%	1.243%
65	15.099	2174	2178	2181	rVV	48416	80955	6.69%	0.780%
66	15.135	2181	2184	2191	rVV3	79206	131111	10.84%	1.263%
67	15.208	2191	2196	2202	rVV	97044	169195	13.99%	1.629%
68	15.282	2204	2208	2214	rVB5	17362	38309	3.17%	0.369%
69	15.434	2228	2233	2240	rVB	248478	356957	29.51%	3.438%
70	15.544	2247	2251	2255	rBV3	20210	32729	2.71%	0.315%
71	15.879	2302	2306	2310	rBV2	18170	32232	2.66%	0.310%
72	15.964	2316	2320	2324	rBV4	18820	28977	2.40%	0.279%
73	16.013	2324	2328	2336	rVV4	23037	47686	3.94%	0.459%
74	16.092	2336	2341	2347	rVB3	24421	48451	4.01%	0.467%
75	16.159	2347	2352	2360	rVB2	20585	38310	3.17%	0.369%
76	16.361	2379	2385	2391	rBV	65203	114882	9.50%	1.106%

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ClientSampleId :
B-40-SB02

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\82Y111822S.M
Title : SW846 8260

77	16.470	2398	2403	2408	rBV8	5938	12627	1.04%	0.122%
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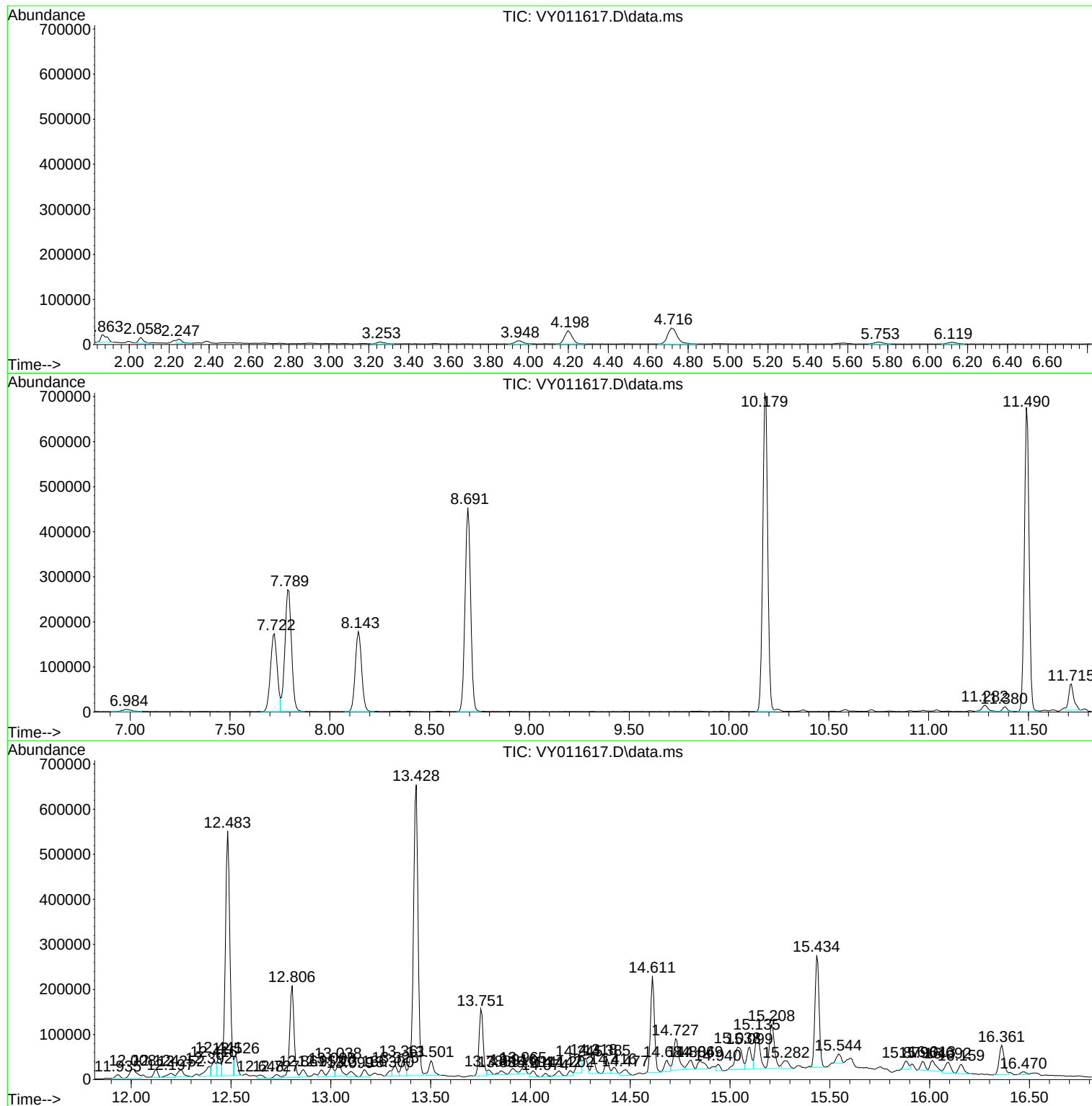
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-40-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-40-SB02

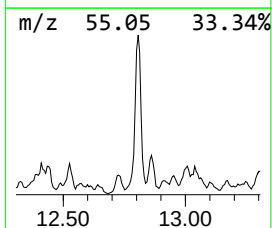
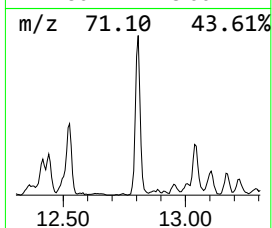
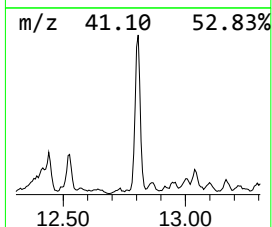
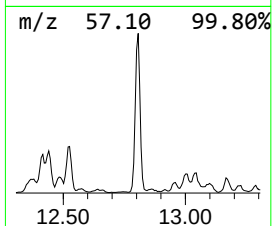
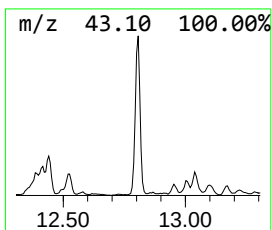
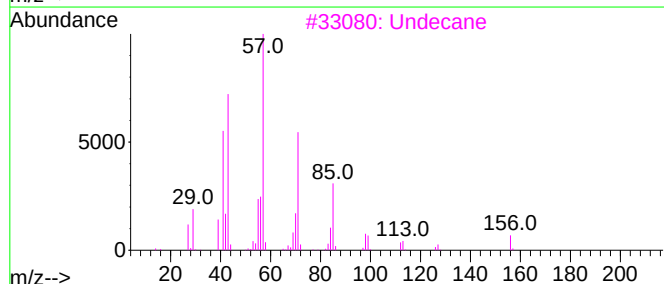
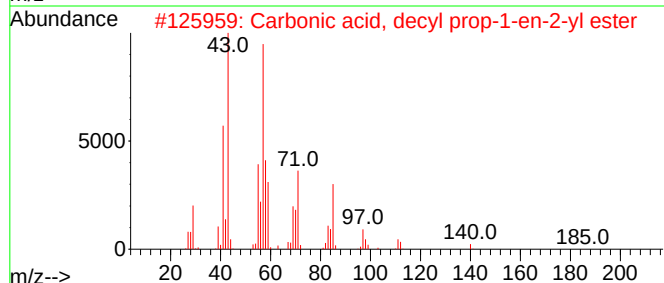
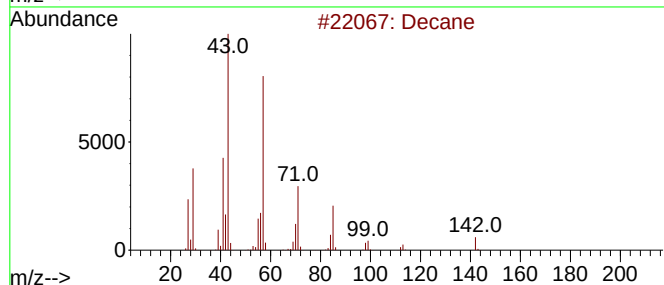
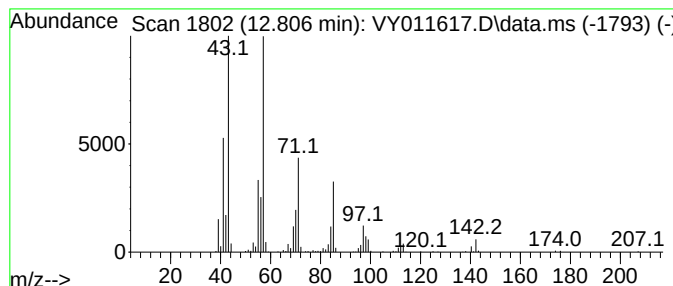
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Quant Title : SW846 8260

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

Peak Number 2 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.806	14.85 ug/l	307027	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	93
2			Carbonic acid, decyl prop-1-en-2-yl ester	242	C14H26O3	1000382-90-5	86
3			Undecane	156	C11H24	001120-21-4	86
4			Carbonic acid, prop-1-en-2-yl tetrahydropyran-3-yl ester	298	C18H34O3	1000382-90-9	80
5			Decane, 1,1'-oxybis-	298	C20H42O	002456-28-2	80



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Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-40-SB02

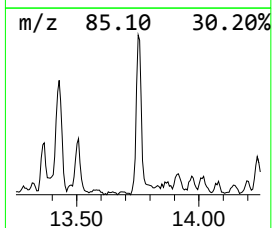
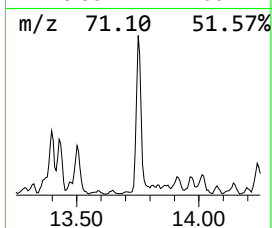
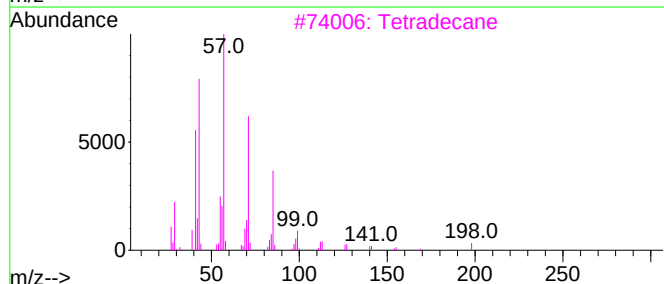
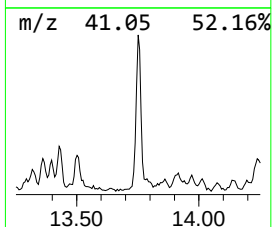
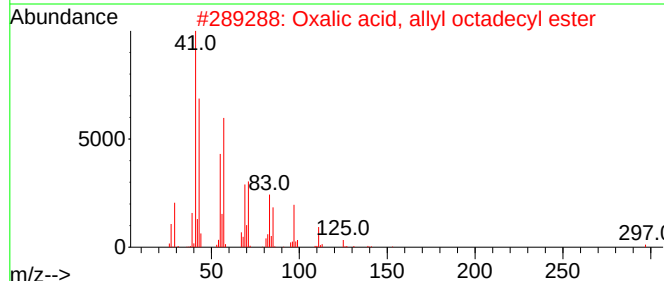
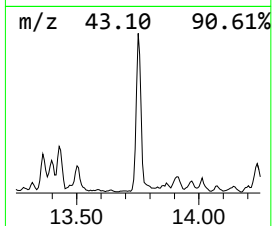
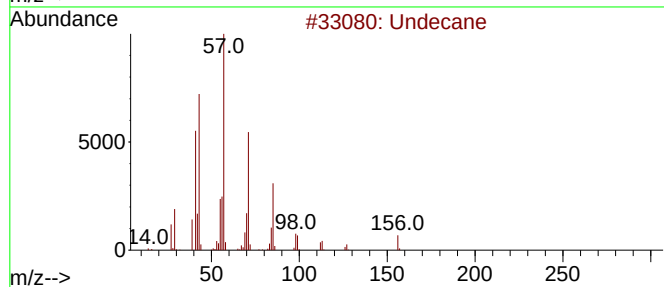
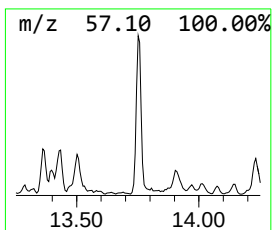
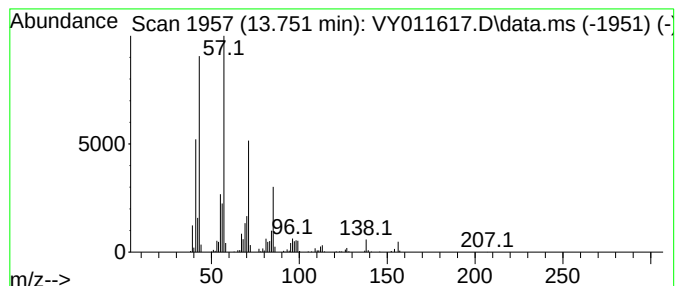
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260

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

Peak Number 3 Undecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.751	10.42 ug/l	215559	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	96
2			Oxalic acid, allyl octadecyl ester	382	C23H42O4	1000309-24-5	80
3			Tetradecane	198	C14H30	000629-59-4	80
4			Hexadecane	226	C16H34	000544-76-3	72
5			Decane	142	C10H22	000124-18-5	72



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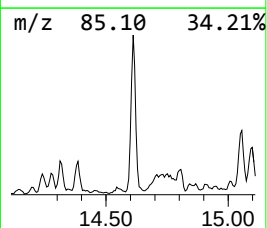
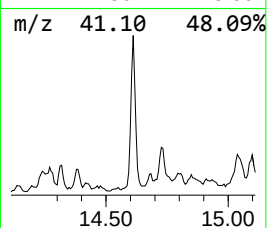
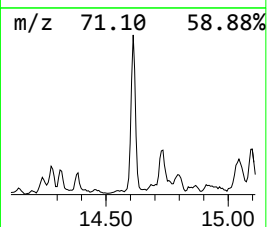
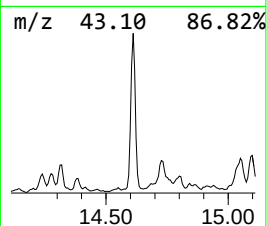
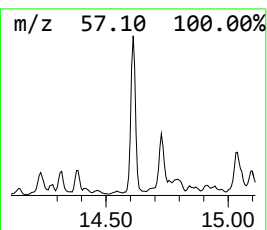
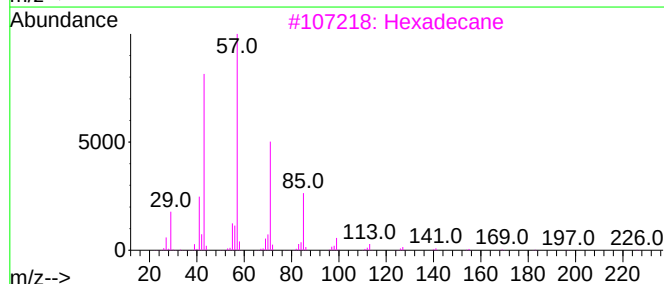
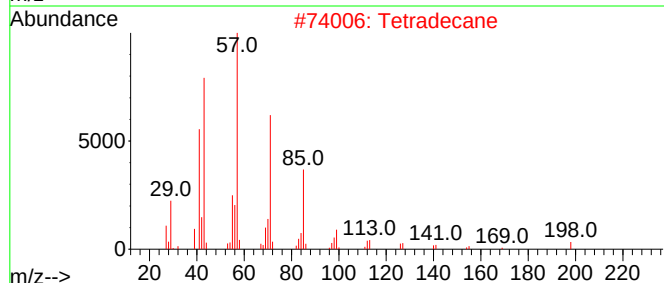
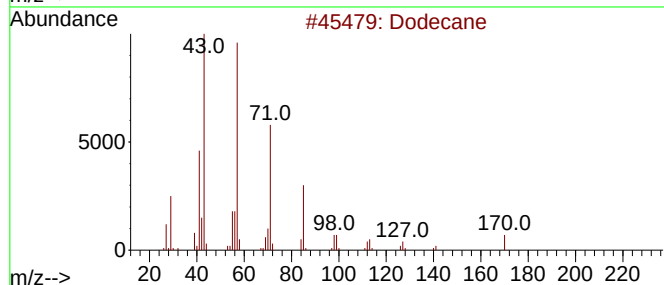
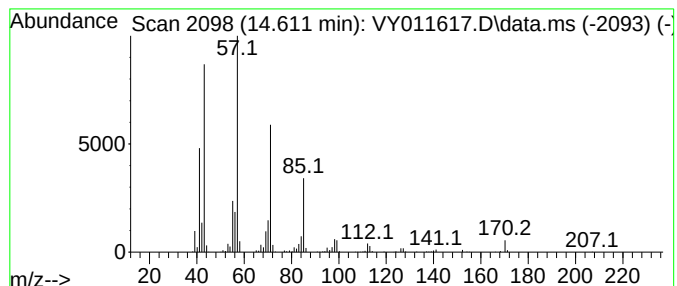
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260

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

Peak Number 4 Dodecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	13.81 ug/l	285632	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	93
2			Tetradecane	198	C14H30	000629-59-4	90
3			Hexadecane	226	C16H34	000544-76-3	86
4			Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	80
5			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-40-SB02

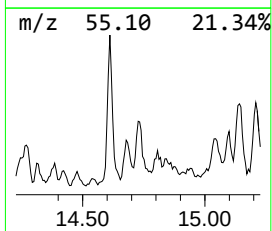
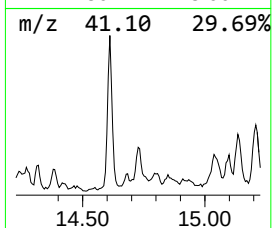
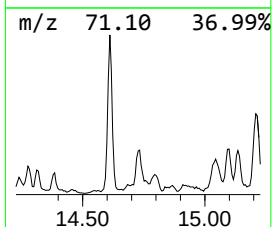
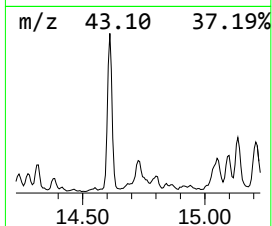
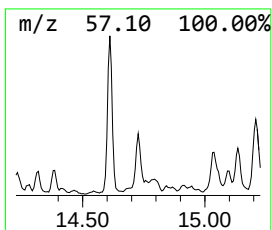
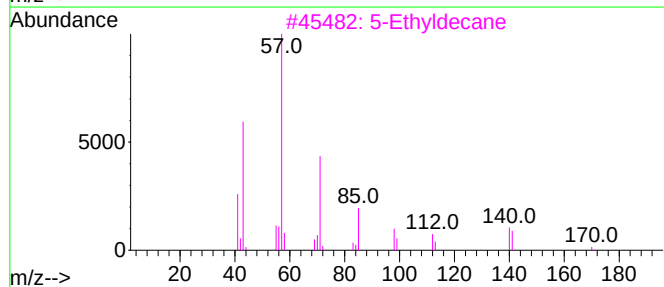
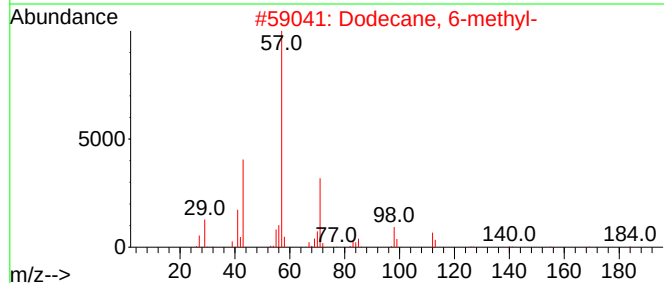
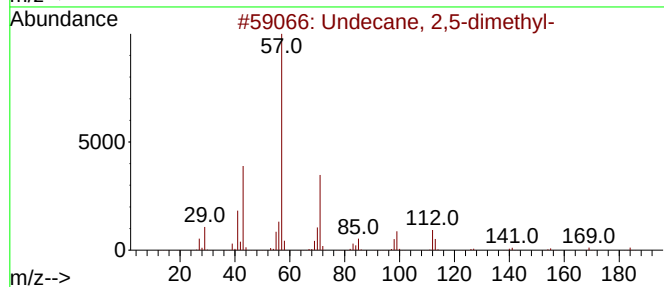
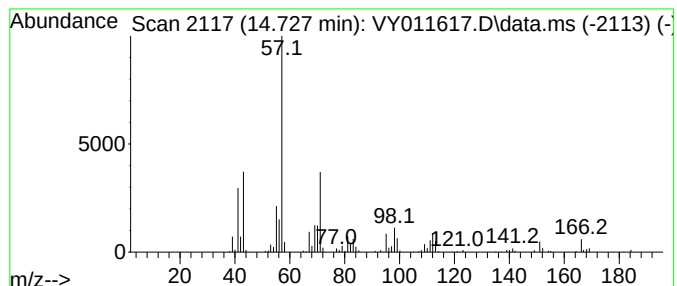
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.727	5.96 ug/l	123367	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	70
2	Dodecane, 6-methyl-	184	C13H28	006044-71-9	68
3	5-Ethyldecane	170	C12H26	017302-36-2	53
4	Octadecane, 6-methyl-	268	C19H40	010544-96-4	50
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
Data File : VY011617.D
Acq On : 29 Nov 2022 13:13
Operator : KP/MD
Sample : N5793-03
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-40-SB02

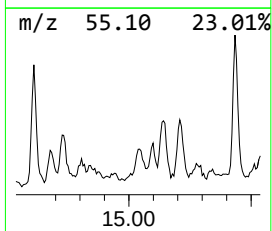
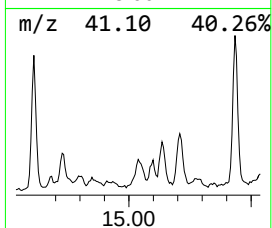
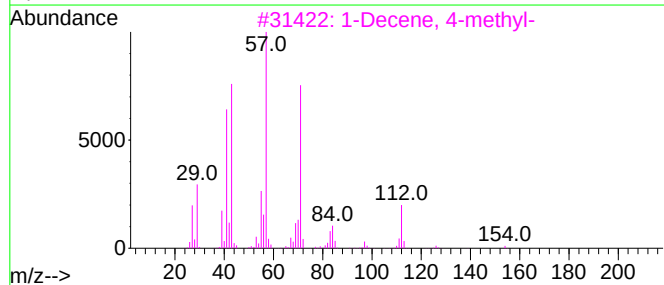
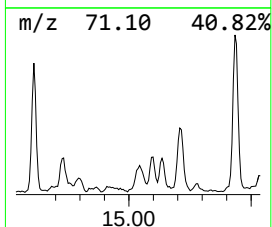
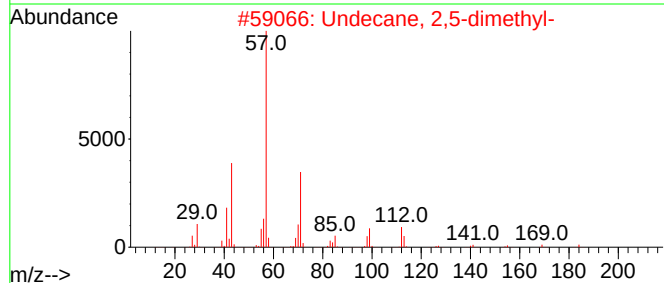
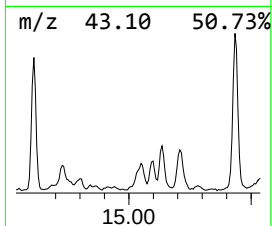
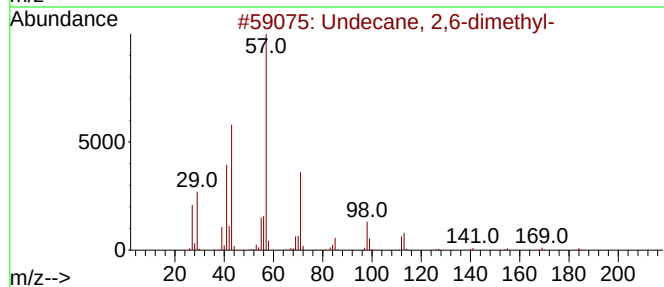
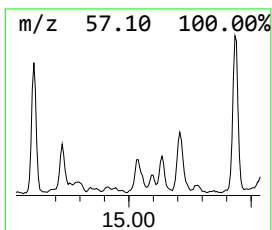
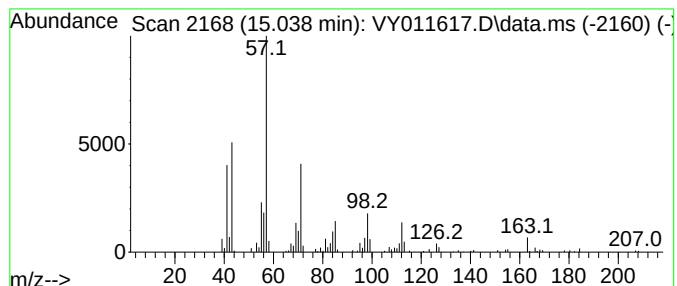
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Quant Title : SW846 8260

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.038	6.24 ug/l	129100	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
2			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
3			1-Decene, 4-methyl-	154	C11H22	013151-29-6	60
4			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	50
5			Tridecane	184	C13H28	000629-50-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
Data File : VY011617.D
Acq On : 29 Nov 2022 13:13
Operator : KP/MD
Sample : N5793-03
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-40-SB02

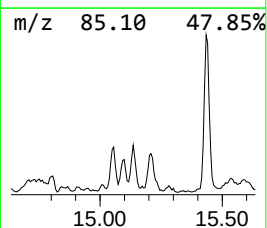
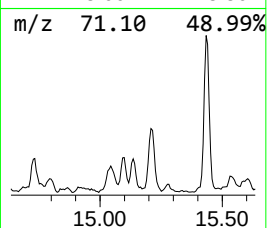
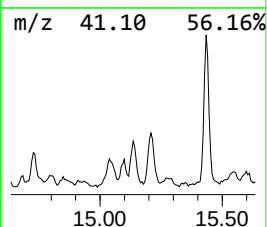
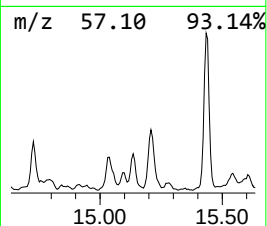
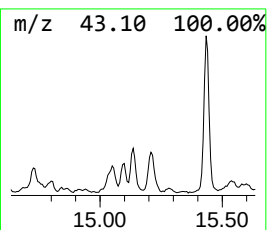
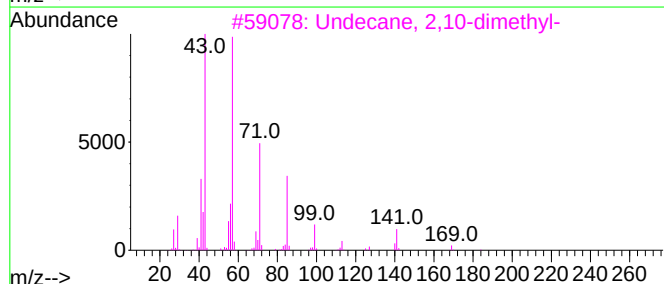
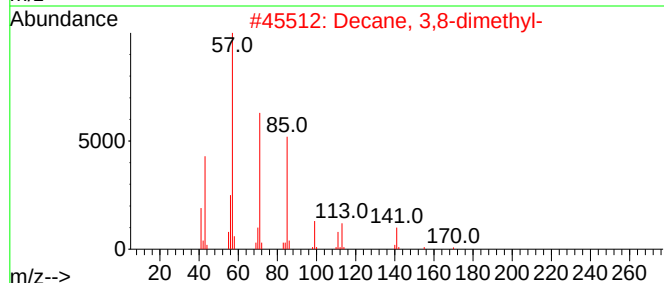
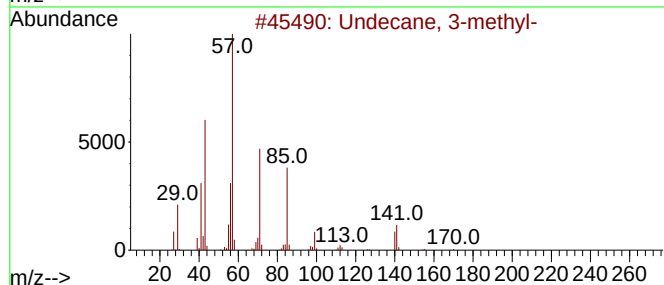
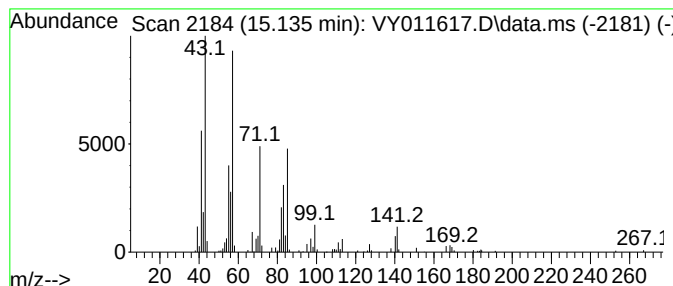
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Quant Title : SW846 8260

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

Peak Number 7 Undecane, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.135	6.34 ug/l	131111	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	76
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
3			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	60
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
Data File : VY011617.D
Acq On : 29 Nov 2022 13:13
Operator : KP/MD
Sample : N5793-03
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-40-SB02

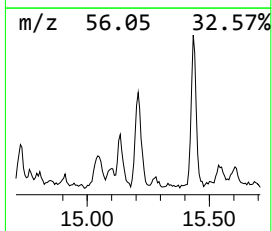
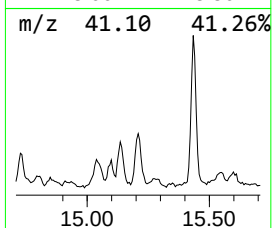
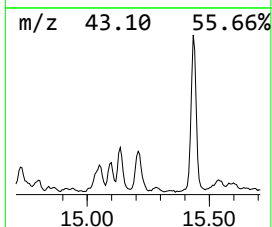
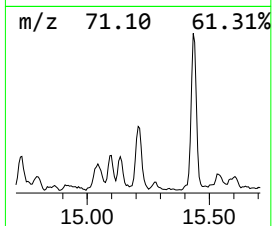
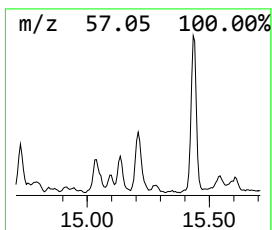
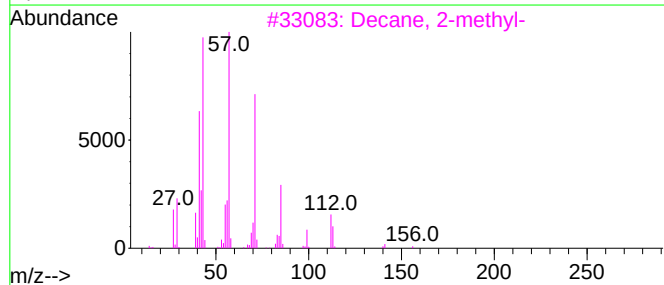
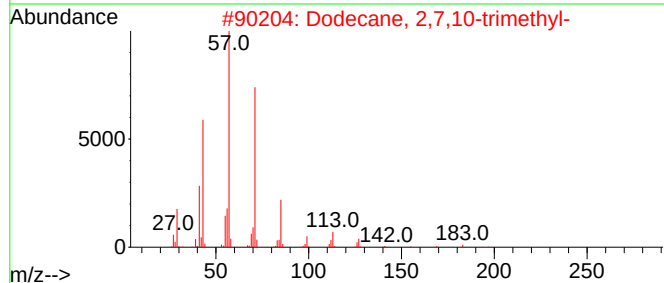
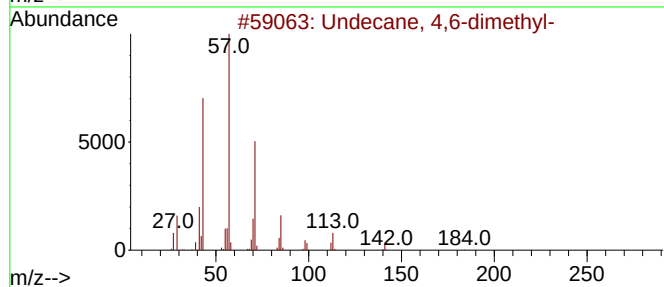
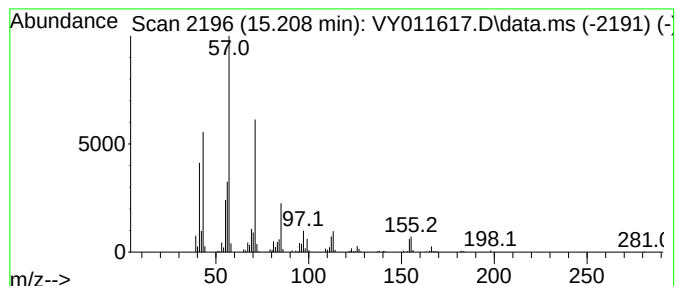
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Quant Title : SW846 8260

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

Peak Number 8 Undecane, 4,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.208	8.18 ug/l	169195	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	76
2			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3			Decane, 2-methyl-	156	C11H24	006975-98-0	62
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	60
5			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
Data File : VY011617.D
Acq On : 29 Nov 2022 13:13
Operator : KP/MD
Sample : N5793-03
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-40-SB02

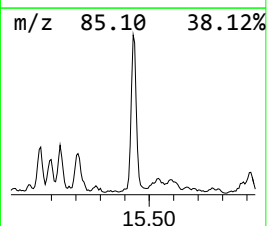
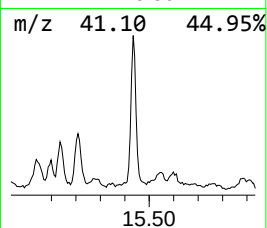
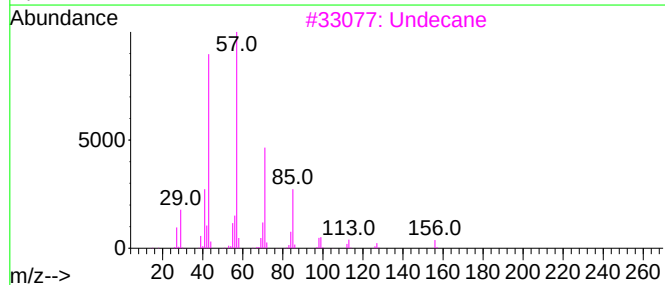
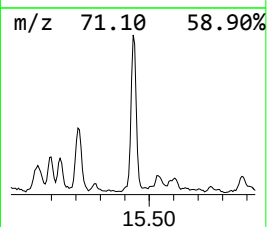
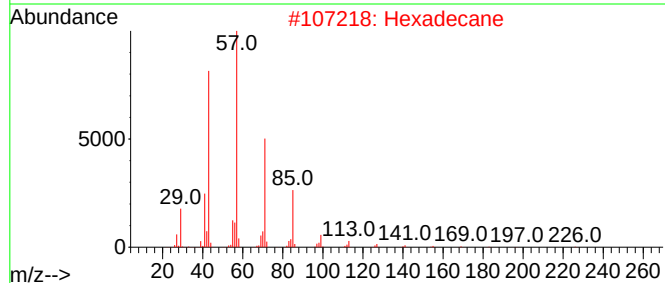
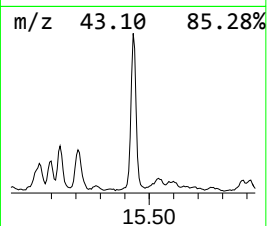
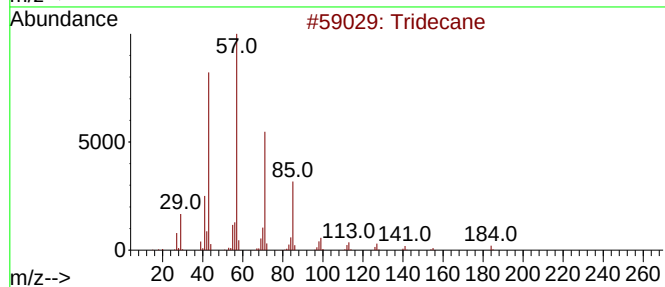
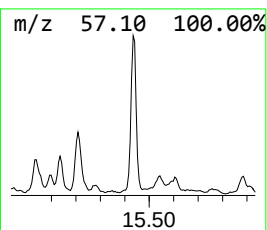
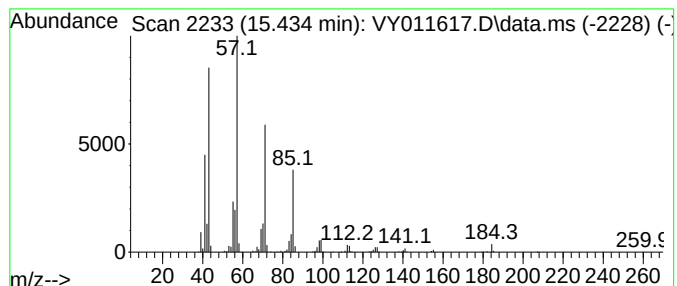
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Quant Title : SW846 8260

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

Peak Number 9 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	17.26 ug/l	356957	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Hexadecane	226	C16H34	000544-76-3	86
3			Undecane	156	C11H24	001120-21-4	86
4			1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	78
5			Octane, 2,3,3-trimethyl-	156	C11H24	062016-30-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
Data File : VY011617.D
Acq On : 29 Nov 2022 13:13
Operator : KP/MD
Sample : N5793-03
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-40-SB02

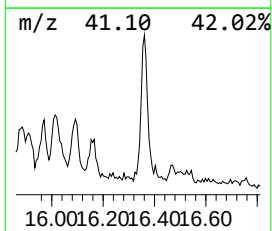
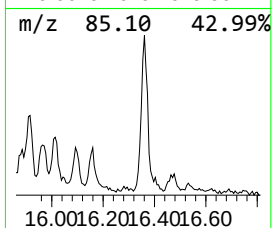
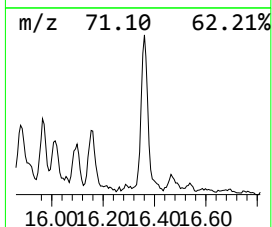
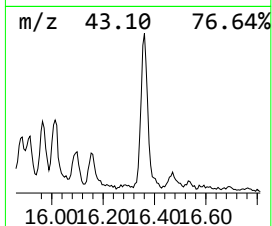
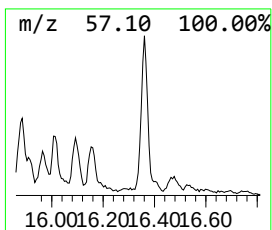
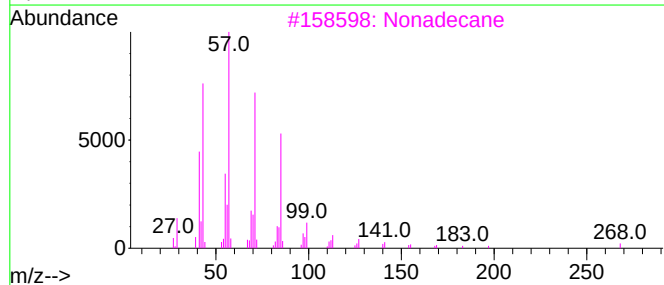
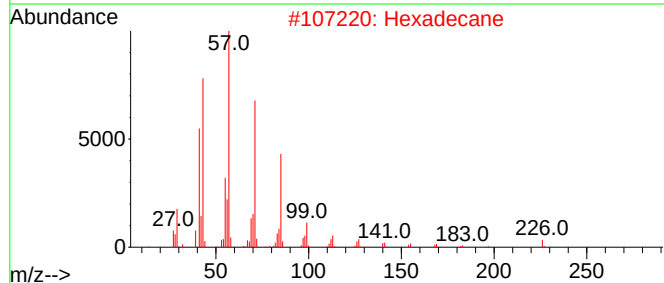
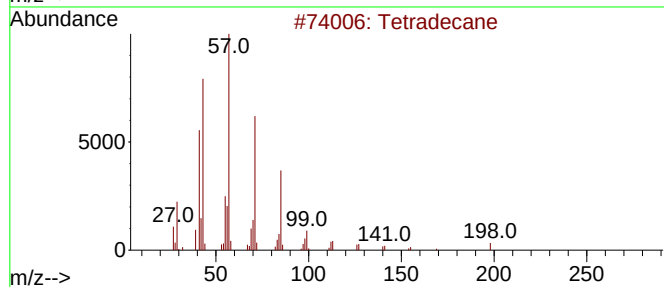
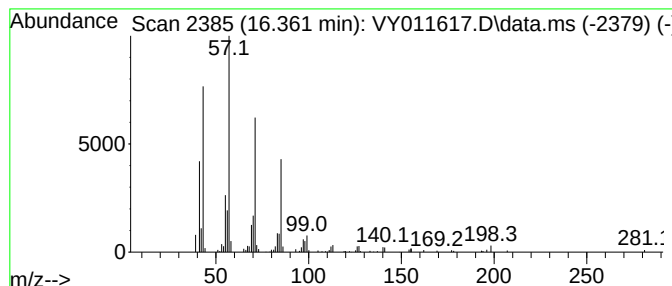
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Quant Title : SW846 8260

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

Peak Number 10 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.361	5.55 ug/l	114882	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	94
2		Hexadecane	226	C16H34	000544-76-3	91
3		Nonadecane	268	C19H40	000629-92-5	91
4		Pentadecane	212	C15H32	000629-62-9	90
5		Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112922\
Data File : VY011617.D
Acq On : 29 Nov 2022 13:13
Operator : KP/MD
Sample : N5793-03
Misc : 5.23g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-40-SB02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.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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Undecane	13.751	10.4	ug/l	215559	4	13.428	1034100	50.0
Dodecane	14.611	13.8	ug/l	285632	4	13.428	1034100	50.0
Undecane, 2,5-d...	14.727	6.0	ug/l	123367	4	13.428	1034100	50.0
Undecane, 2,6-d...	15.038	6.2	ug/l	129100	4	13.428	1034100	50.0
Undecane, 3-met...	15.135	6.3	ug/l	131111	4	13.428	1034100	50.0
Undecane, 4,6-d...	15.208	8.2	ug/l	169195	4	13.428	1034100	50.0
Tridecane	15.434	17.3	ug/l	356957	4	13.428	1034100	50.0
Tetradecane	16.361	5.5	ug/l	114882	4	13.428	1034100	50.0