

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016099.D
 Acq On : 27 Oct 2023 12:25
 Operator : SY/MD
 Sample : 05038-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AUD-1068

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\82Y102623S.M

Title : SW846 8260

Signal : TIC: VY016099.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.722	464	476	485	rBV2	36583	115891	3.28%	0.993%
2	5.752	632	645	660	rBV2	25326	76414	2.16%	0.655%
3	7.722	956	968	973	rBV2	96321	234114	6.62%	2.006%
4	7.789	973	979	993	rVB	162384	373452	10.56%	3.200%
5	8.142	1024	1037	1048	rBV	98565	230643	6.52%	1.976%
6	8.691	1118	1127	1140	rBV	249277	490797	13.88%	4.206%
7	10.184	1364	1372	1378	rBV	382209	661772	18.71%	5.671%
8	11.044	1508	1513	1527	rVB2	35649	59981	1.70%	0.514%
9	11.489	1577	1586	1592	rBV	346954	574808	16.25%	4.926%
10	11.709	1612	1622	1632	rBV6	31254	76470	2.16%	0.655%
11	12.020	1664	1673	1683	rBV7	11795	40651	1.15%	0.348%
12	12.337	1718	1725	1732	rBV	2210614	3536249	100.00%	30.303%
13	12.483	1744	1749	1754	rVV	267604	415790	11.76%	3.563%
14	12.586	1761	1766	1771	rVB	52260	84089	2.38%	0.721%
15	12.806	1797	1802	1810	rBV2	139902	245339	6.94%	2.102%
16	12.891	1810	1816	1823	rVV	482116	864505	24.45%	7.408%
17	12.958	1823	1827	1831	rVB	66494	90955	2.57%	0.779%
18	13.147	1848	1858	1867	rVB	376858	610911	17.28%	5.235%
19	13.342	1884	1890	1895	rBV	572183	898588	25.41%	7.700%
20	13.428	1900	1904	1911	rVV	380445	596777	16.88%	5.114%
21	13.641	1932	1939	1942	rBV	197712	288193	8.15%	2.470%
22	13.678	1942	1945	1952	rVB	129734	171284	4.84%	1.468%
23	13.757	1952	1958	1960	rBV	107827	162949	4.61%	1.396%
24	13.788	1960	1963	1968	rVB	129367	173836	4.92%	1.490%
25	13.964	1987	1992	1998	rVB2	23219	37395	1.06%	0.320%
26	14.611	2090	2098	2105	rBV	85915	121718	3.44%	1.043%
27	14.732	2114	2118	2126	rVB2	22991	37293	1.05%	0.320%
28	15.293	2206	2210	2219	rVB3	32629	61758	1.75%	0.529%
29	15.434	2229	2233	2239	rVB	32211	50394	1.43%	0.432%
30	15.574	2249	2256	2263	rVV	62567	105125	2.97%	0.901%
31	15.647	2263	2268	2270	rVV2	38380	58734	1.66%	0.503%
32	15.677	2270	2273	2278	rVV2	50741	86438	2.44%	0.741%
33	15.726	2278	2281	2287	rVB3	25231	36288	1.03%	0.311%

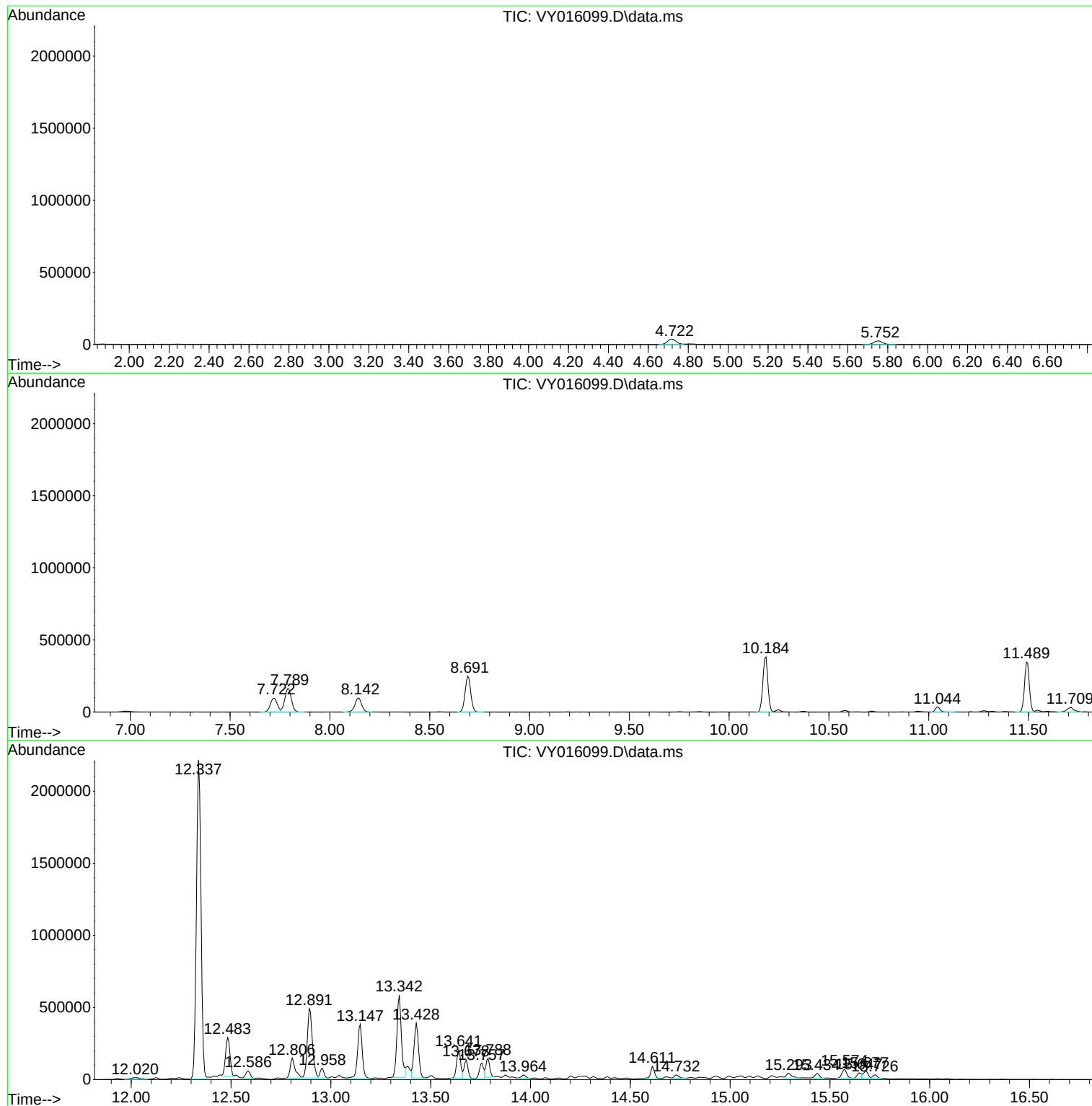
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Instrument :
MSVOA_Y
ClientSampleId :
AUD-1068

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260

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



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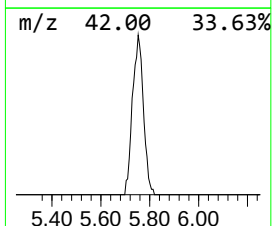
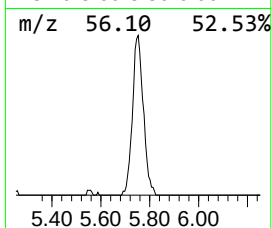
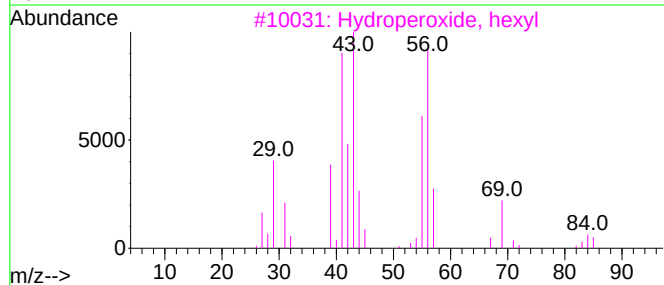
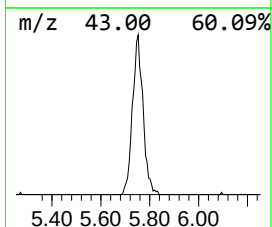
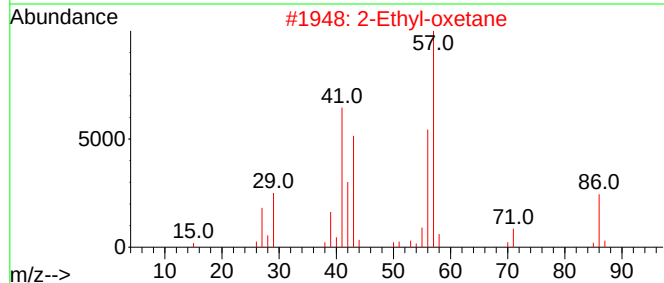
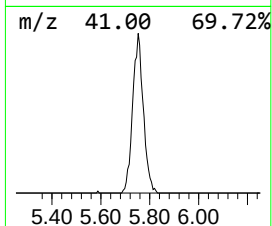
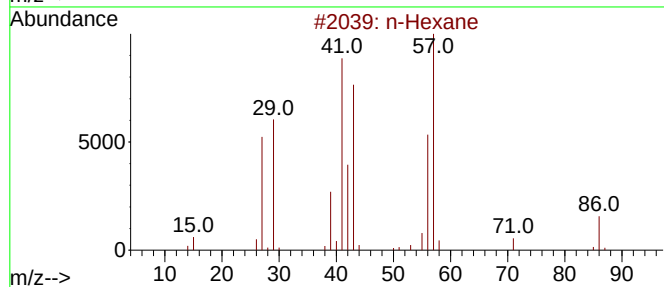
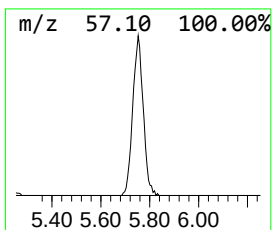
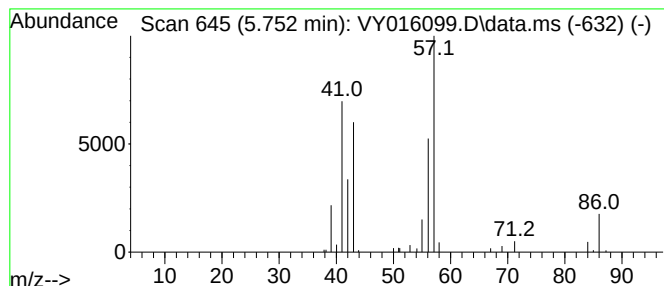
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Quant Title : SW846 8260

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

Peak Number 1 n-Hexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.752	10.23 ug/l	76414	Pentafluorobenzene	7.795

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexane	86	C6H14	000110-54-3	90
2			2-Ethyl-oxetane	86	C5H10O	1010386-40-2	45
3			Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40
4			1-Pentene, 4-methyl-	84	C6H12	000691-37-2	36
5			Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	35



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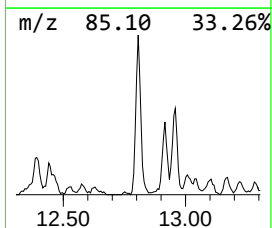
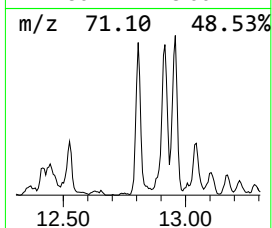
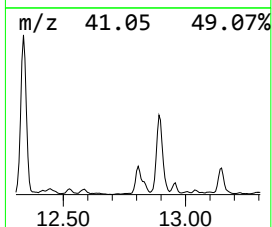
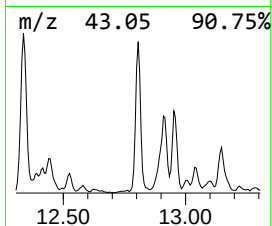
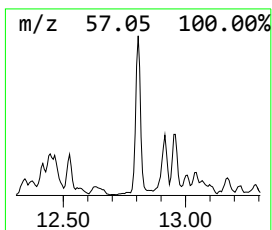
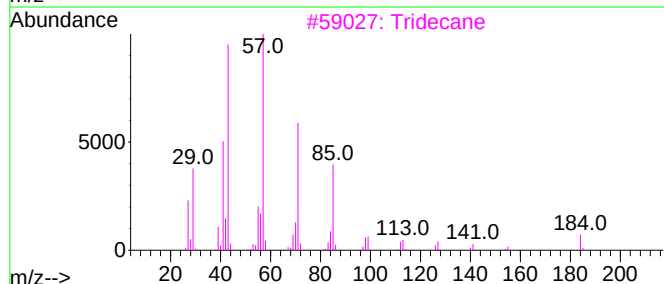
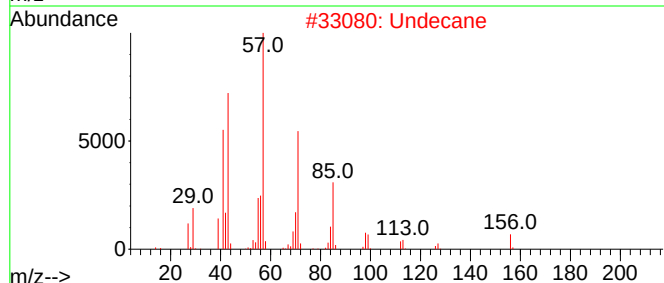
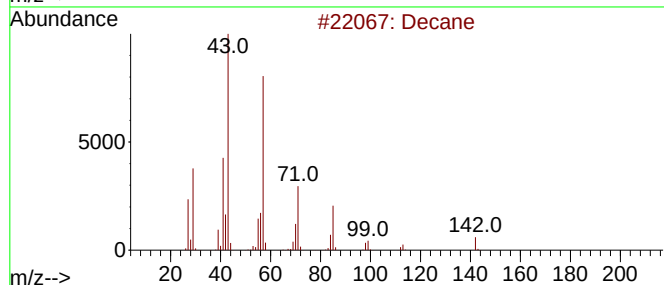
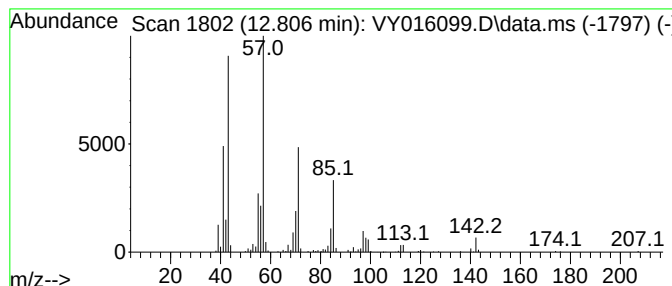
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Peak Number 2 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.806	20.56 ug/l	245339	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	93
2			Undecane	156	C11H24	001120-21-4	86
3			Tridecane	184	C13H28	000629-50-5	72
4			Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
5			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64



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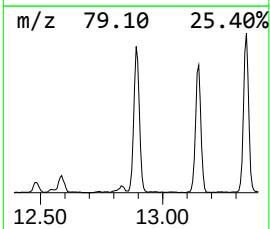
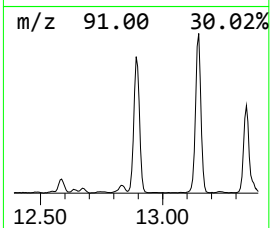
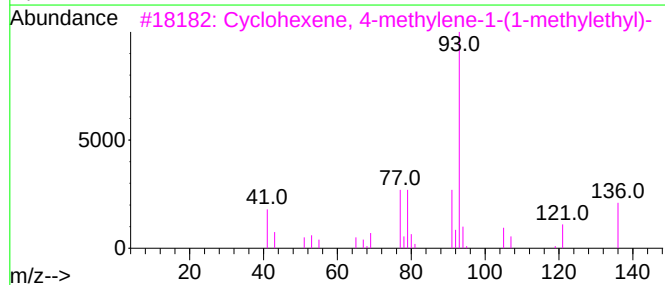
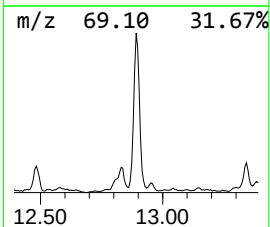
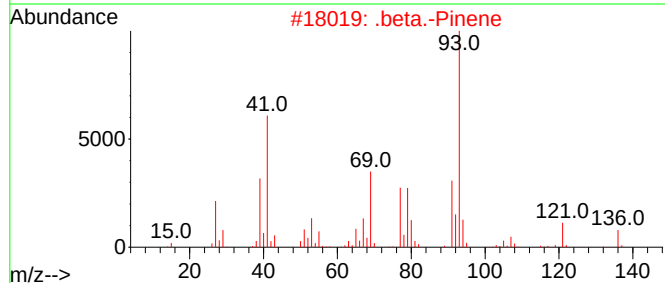
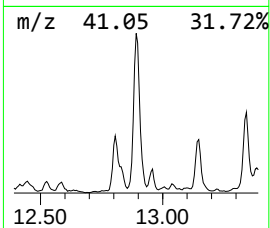
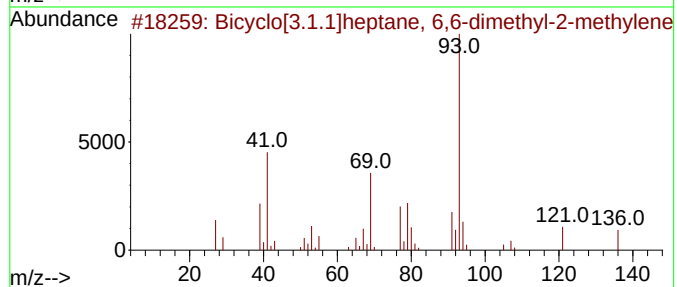
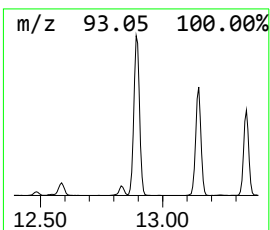
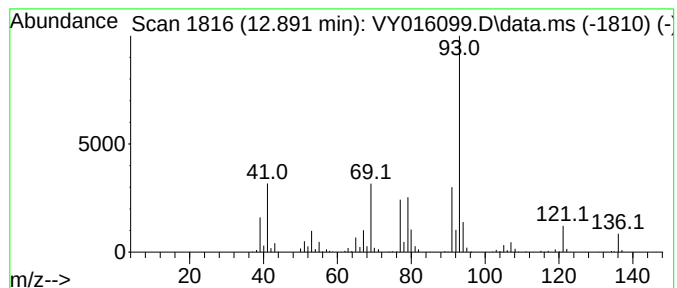
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Quant Title : SW846 8260

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

Peak Number 3 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.891	72.43 ug/l	864505	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
2			.beta.-Pinene	136	C10H16	000127-91-3	96
3			Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
4			Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
5			Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	87



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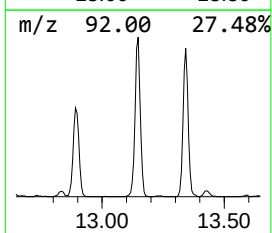
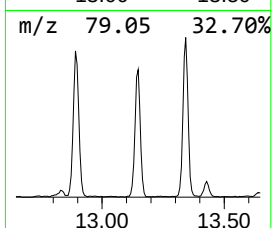
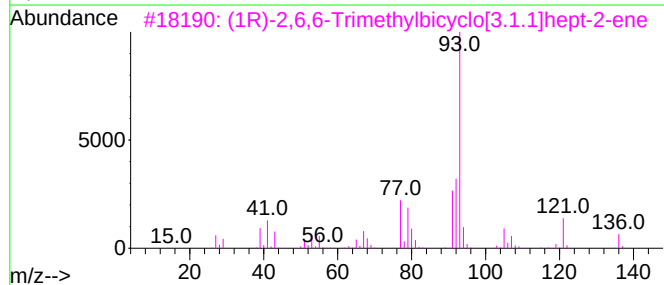
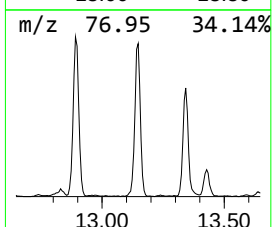
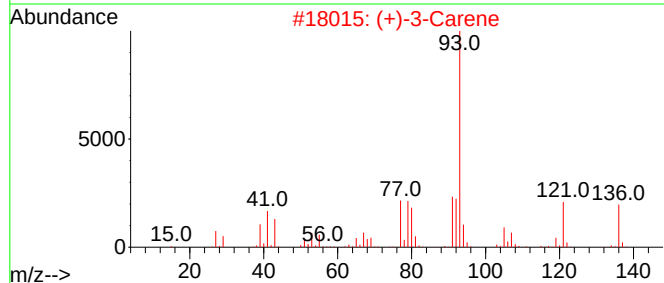
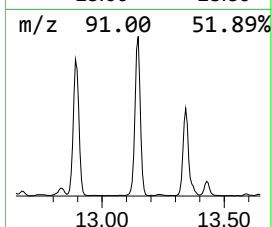
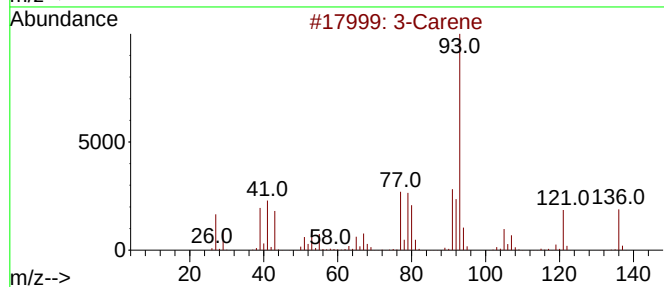
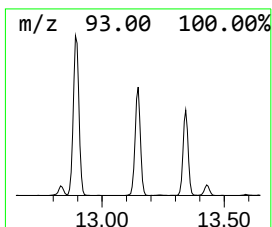
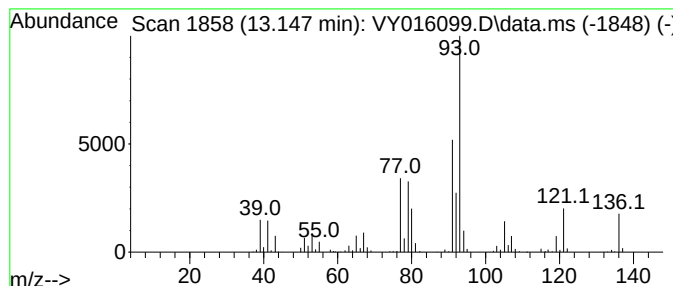
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Carene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.147	51.18 ug/l	610911	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Carene	136	C10H16	013466-78-9	97
2			(+)-3-Carene	136	C10H16	000498-15-7	94
3			(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	93
4			Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	91
5			Cyclopentene, 3-isopropenyl-5,5-...	136	C10H16	1000162-25-4	91



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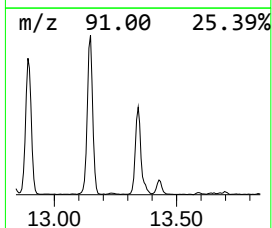
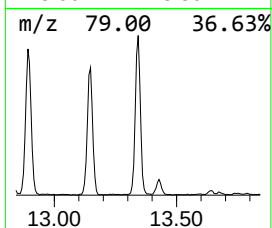
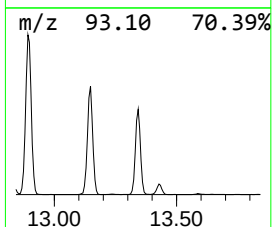
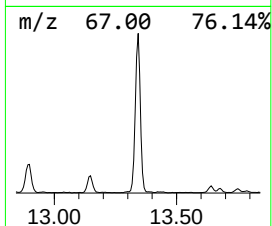
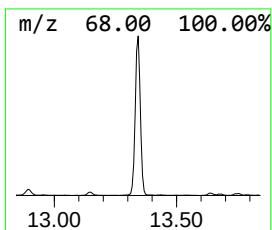
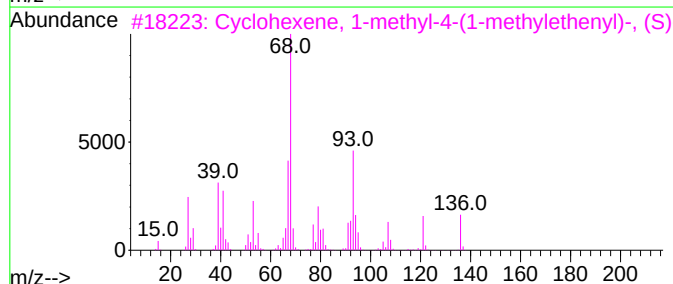
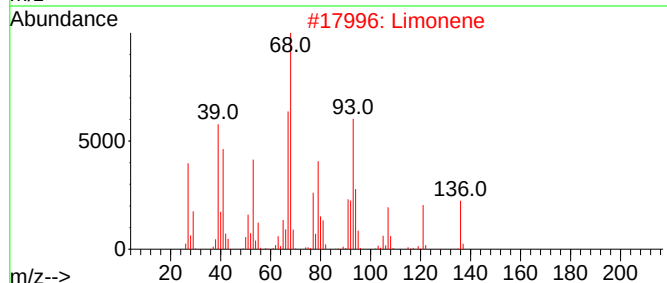
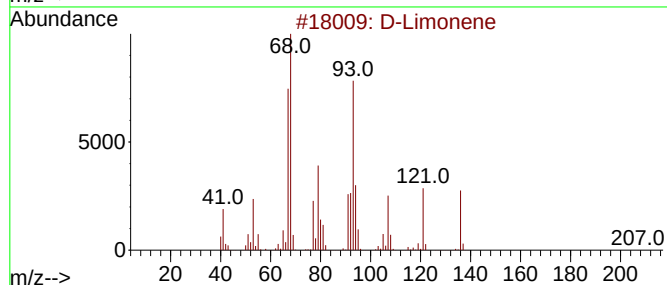
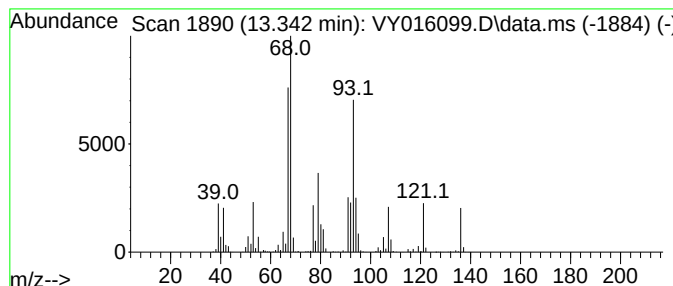
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
Quant Title : SW846 8260

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

Peak Number 5 D-Limonene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.342	75.29 ug/l	898588	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	98
2			Limonene	136	C10H16	000138-86-3	94
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	74
4			Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	70
5			Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	013898-73-2	46



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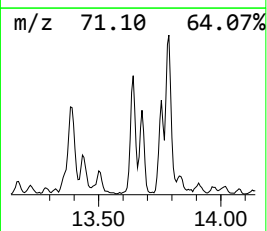
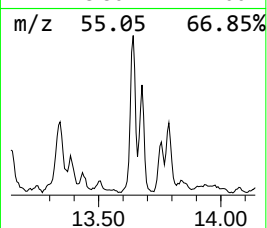
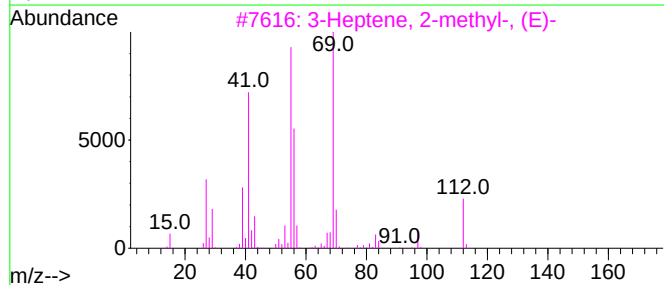
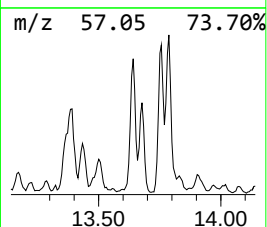
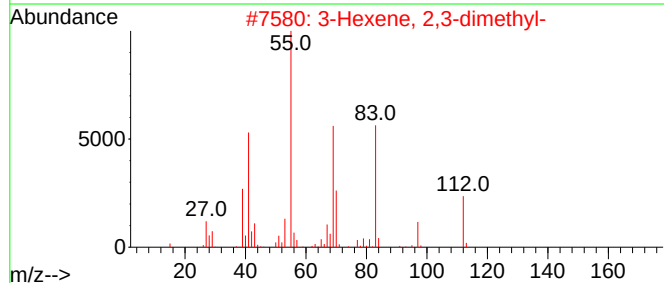
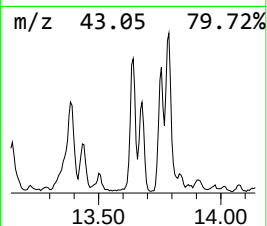
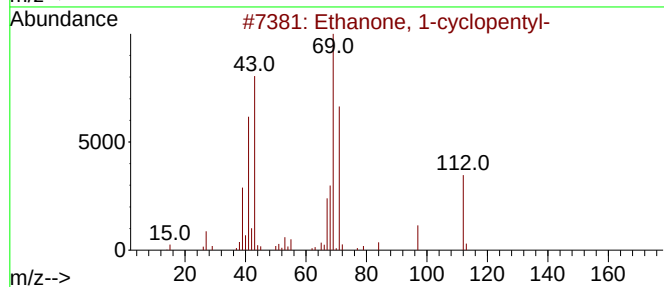
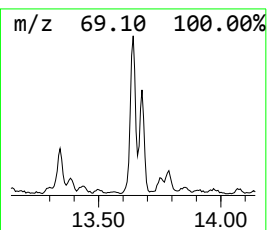
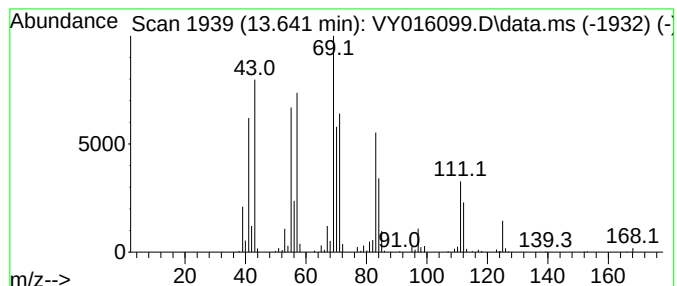
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Quant Title : SW846 8260

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

Peak Number 6 unknown13.641 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.641	24.15 ug/l	288193	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	43
2			3-Hexene, 2,3-dimethyl-	112	C8H16	007145-23-5	35
3			3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	30
4			2-Pentene, 4-methyl-	84	C6H12	004461-48-7	25
5			3-Penten-2-one	84	C5H8O	000625-33-2	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016099.D
Acq On : 27 Oct 2023 12:25
Operator : SY/MD
Sample : 05038-03
Misc : 5.03g/5.0mL/MSVOA_Y/soil
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1068

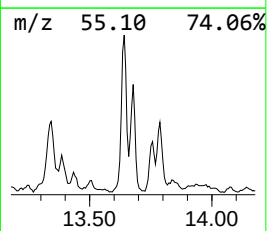
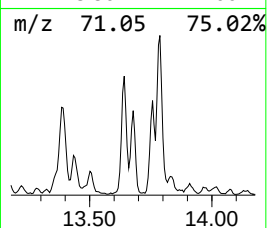
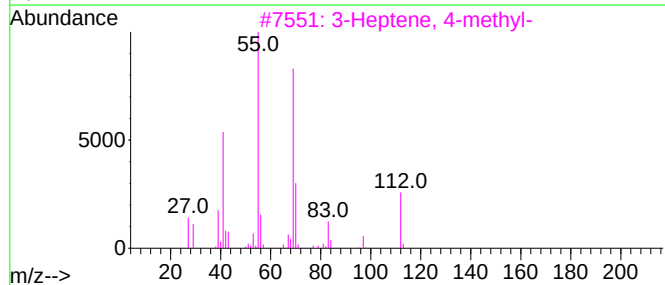
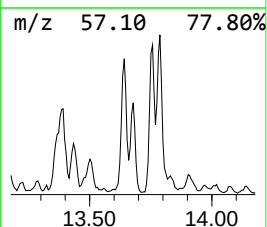
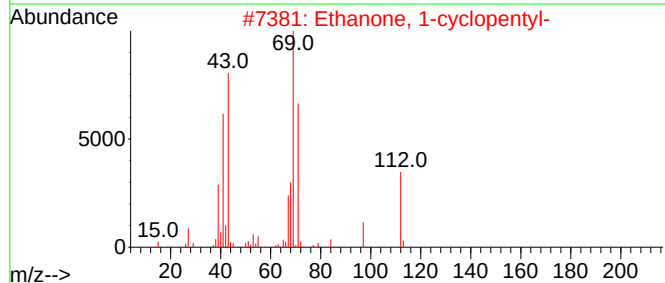
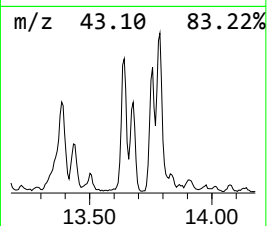
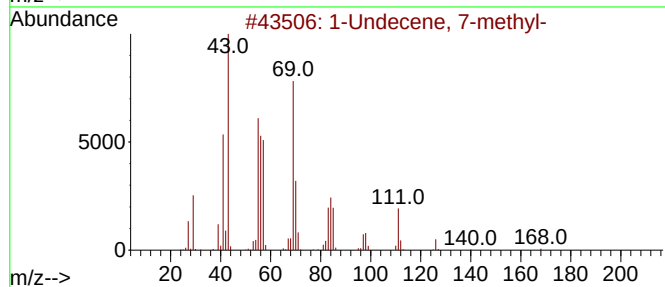
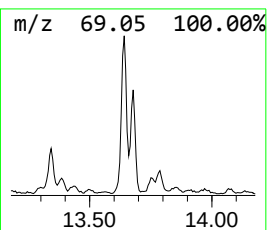
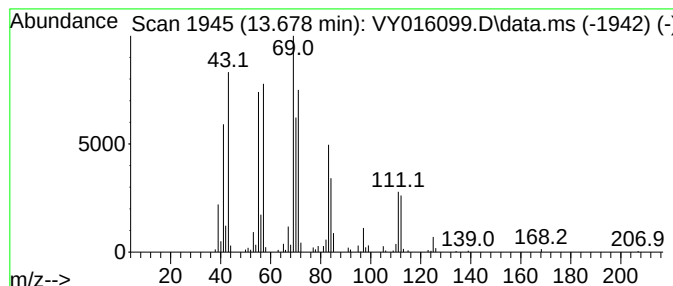
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Quant Title : SW846 8260

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

Peak Number 7 1-Undecene, 7-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.678	14.35 ug/l	171284	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Undecene, 7-methyl-	168	C12H24	074630-42-5	52
2			Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	49
3			3-Heptene, 4-methyl-	112	C8H16	004485-16-9	30
4			3-Heptene, 2-methyl-	112	C8H16	017618-76-7	30
5			3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016099.D
Acq On : 27 Oct 2023 12:25
Operator : SY/MD
Sample : 05038-03
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1068

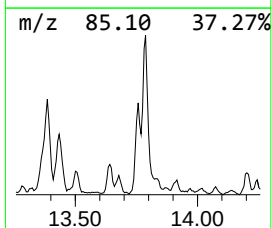
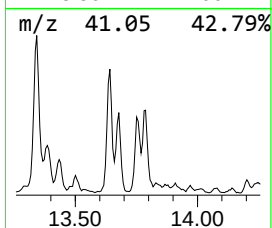
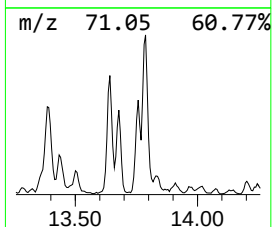
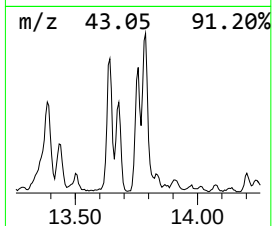
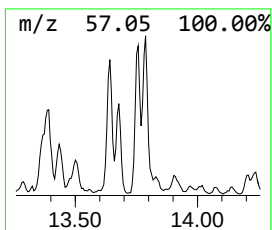
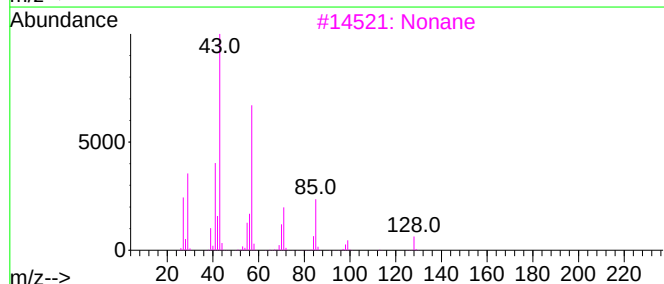
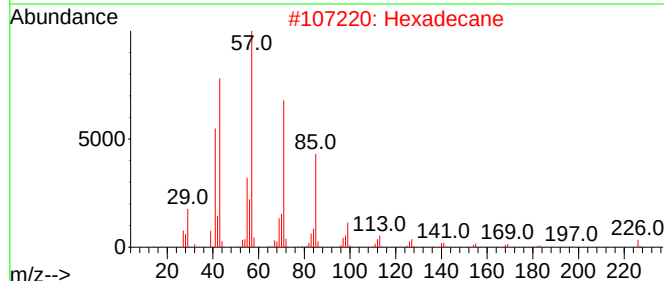
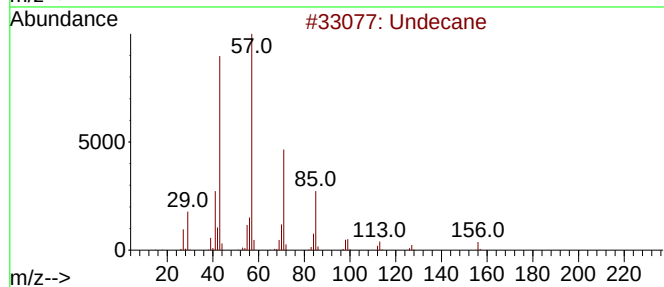
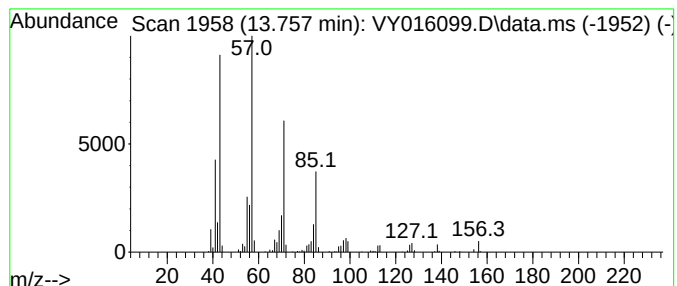
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Quant Title : SW846 8260

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

Peak Number 8 Undecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	13.65 ug/l	162949	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	94
2			Hexadecane	226	C16H34	000544-76-3	80
3			Nonane	128	C9H20	000111-84-2	76
4			Tridecane	184	C13H28	000629-50-5	64
5			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016099.D
Acq On : 27 Oct 2023 12:25
Operator : SY/MD
Sample : 05038-03
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1068

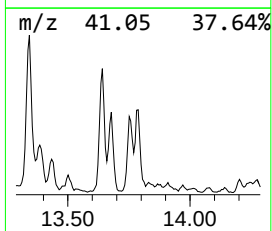
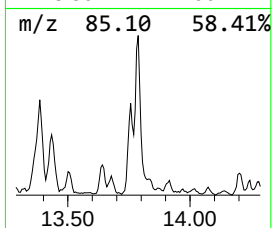
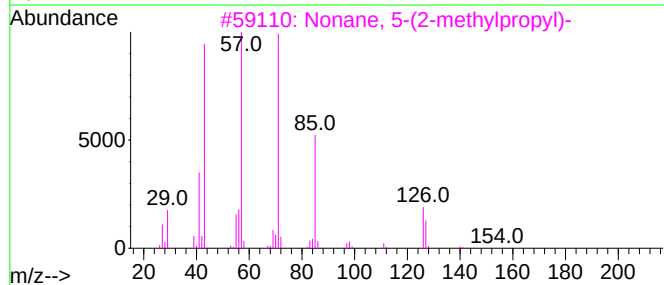
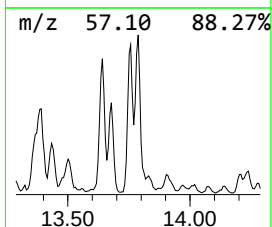
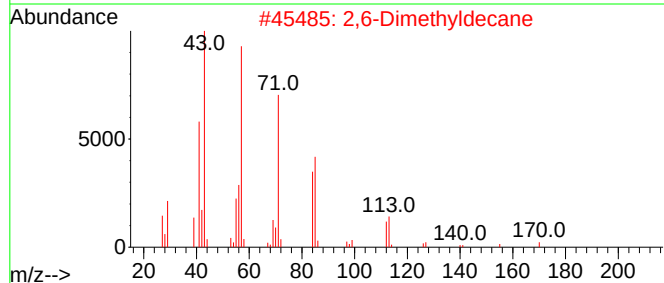
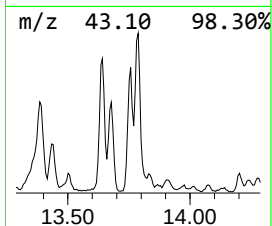
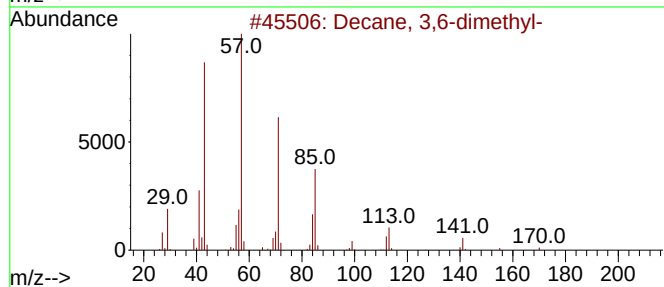
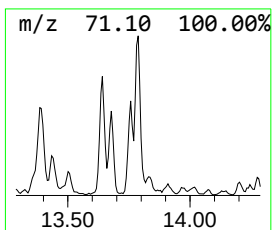
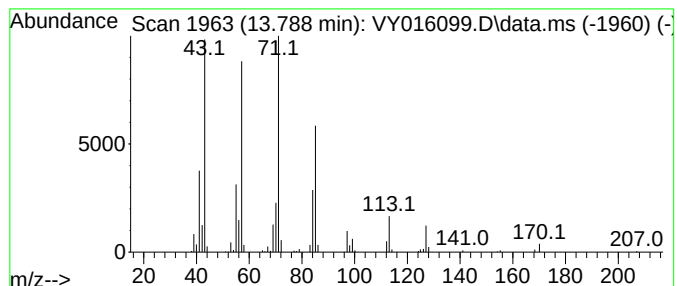
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Quant Title : SW846 8260

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

Peak Number 9 Decane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.788	14.56 ug/l	173836	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	68
2			2,6-Dimethyldecane	170	C12H26	013150-81-7	68
3			Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	53
4			Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	52
5			1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016099.D
Acq On : 27 Oct 2023 12:25
Operator : SY/MD
Sample : 05038-03
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1068

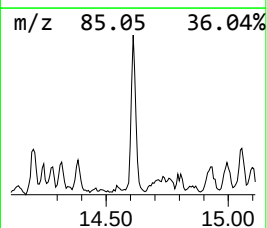
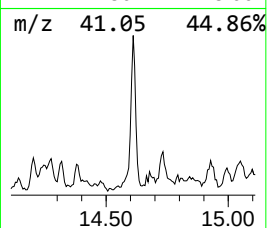
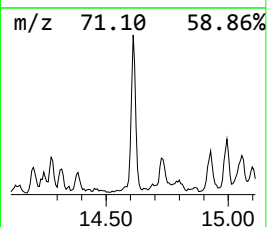
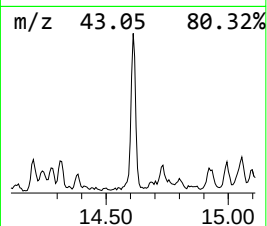
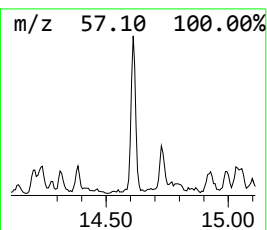
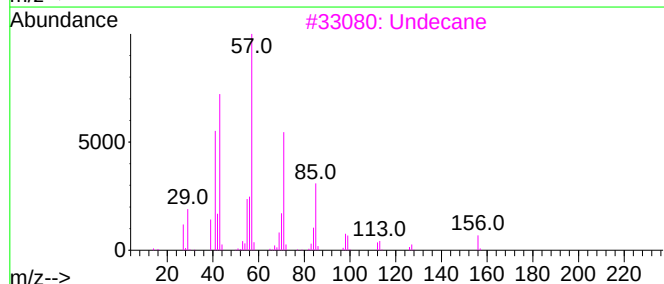
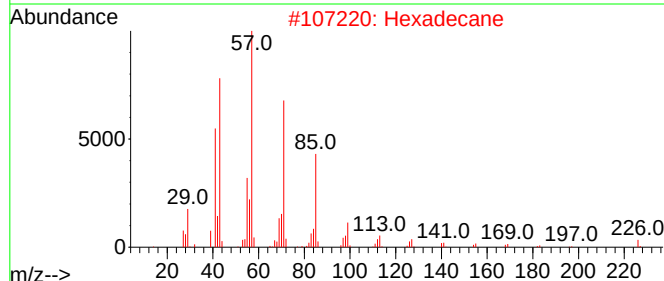
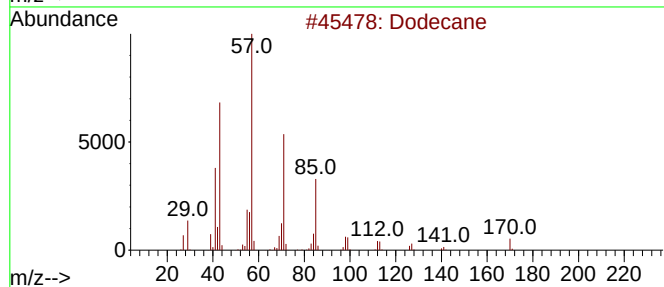
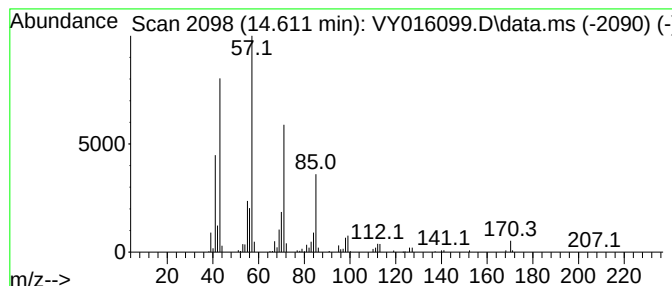
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Quant Title : SW846 8260

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

Peak Number 10 Dodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.611	10.20 ug/l	121718	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	91
2			Hexadecane	226	C16H34	000544-76-3	90
3			Undecane	156	C11H24	001120-21-4	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
Data File : VY016099.D
Acq On : 27 Oct 2023 12:25
Operator : SY/MD
Sample : 05038-03
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
AUD-1068

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.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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Decane	12.806	20.6	ug/l	245339	4	13.428	596777	50.0
Bicyclo[3.1.1]h...	12.891	72.4	ug/l	864505	4	13.428	596777	50.0
3-Carene	13.147	51.2	ug/l	610911	4	13.428	596777	50.0
D-Limonene	13.342	75.3	ug/l	898588	4	13.428	596777	50.0
unknown13.641	13.641	24.1	ug/l	288193	4	13.428	596777	50.0
1-Undecene, 7-m...	13.678	14.4	ug/l	171284	4	13.428	596777	50.0
Undecane	13.757	13.7	ug/l	162949	4	13.428	596777	50.0
Decane, 3,6-dim...	13.788	14.6	ug/l	173836	4	13.428	596777	50.0
Dodecane	14.611	10.2	ug/l	121718	4	13.428	596777	50.0