

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014414.D
 Acq On : 23 Jun 2023 17:48
 Operator : KP/MD
 Sample : 03362-19
 Misc : 12.55g/5.0mL/MSVOA_Y/soil
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-19-20-SB-20-GRAB-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\82Y062323S.M

Title : SW846 8260

Signal : TIC: VY014414.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	15	rVB2	11099	17084	2.05%	0.356%
2	2.077	35	42	47	rBV	14092	18643	2.24%	0.388%
3	2.223	61	66	76	rBV2	5752	11821	1.42%	0.246%
4	2.528	108	116	126	rBV6	13927	37527	4.50%	0.781%
5	2.686	138	142	149	rVB	4876	9783	1.17%	0.204%
6	2.906	170	178	187	rVB4	6094	14217	1.71%	0.296%
7	4.034	355	363	371	rBV3	4310	11174	1.34%	0.233%
8	4.491	427	438	448	rBV2	2738	8941	1.07%	0.186%
9	4.722	466	476	485	rBV3	6190	20688	2.48%	0.431%
10	7.362	901	909	919	rBV5	3149	8344	1.00%	0.174%
11	7.722	954	968	974	rBV	121102	299534	35.94%	6.234%
12	7.795	974	980	996	rVB	227199	516623	61.99%	10.753%
13	8.143	1028	1037	1049	rBV	125190	287873	34.54%	5.992%
14	8.691	1119	1127	1137	rBV	314445	616963	74.02%	12.841%
15	9.185	1203	1208	1216	rVB5	5837	11684	1.40%	0.243%
16	10.185	1364	1372	1378	rBV	480048	833463	100.00%	17.348%
17	10.252	1378	1383	1388	rVB	14168	26725	3.21%	0.556%
18	10.721	1454	1460	1467	rBV2	14190	25589	3.07%	0.533%
19	11.496	1580	1587	1595	rVB	358819	591611	70.98%	12.314%
20	11.697	1614	1620	1627	rBV3	8589	21581	2.59%	0.449%
21	12.032	1671	1675	1682	rVB4	5373	9296	1.12%	0.193%
22	12.282	1707	1716	1718	rBV8	7501	17245	2.07%	0.359%
23	12.398	1730	1735	1736	rBV4	7238	10541	1.26%	0.219%
24	12.483	1744	1749	1757	rVB	227165	374571	44.94%	7.796%
25	12.642	1766	1775	1789	rBV4	31323	132170	15.86%	2.751%
26	12.934	1811	1823	1824	rBV5	28044	83866	10.06%	1.746%
27	13.075	1842	1846	1847	rBV4	6196	9071	1.09%	0.189%
28	13.428	1898	1904	1914	rVB	204630	324474	38.93%	6.754%
29	13.660	1932	1942	1952	rVB10	18829	73713	8.84%	1.534%
30	13.757	1954	1958	1967	rBV10	4905	14040	1.68%	0.292%
31	13.910	1978	1983	1985	rBV6	6932	12125	1.45%	0.252%
32	14.440	2065	2070	2071	rBV5	6672	10219	1.23%	0.213%
33	14.538	2083	2086	2088	rBV4	6703	10002	1.20%	0.208%
34	14.855	2131	2138	2148	rBV10	10957	47029	5.64%	0.979%
35	15.050	2162	2170	2178	rBV3	49051	128362	15.40%	2.672%
36	15.239	2196	2201	2205	rBV	26765	41894	5.03%	0.872%

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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

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M

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37	15.403	2223	2228	2229	rBV5	8137	12367	1.48%	0.257%
38	15.617	2258	2263	2266	rBV7	4832	9500	1.14%	0.198%
39	15.733	2278	2282	2290	rVB7	11981	28728	3.45%	0.598%
40	15.916	2305	2312	2321	rVB7	11065	36998	4.44%	0.770%
41	16.013	2322	2328	2329	rBV3	6506	9673	1.16%	0.201%
42	16.300	2369	2375	2377	rBV6	5326	9360	1.12%	0.195%
43	16.489	2401	2406	2408	rBV6	6282	9378	1.13%	0.195%

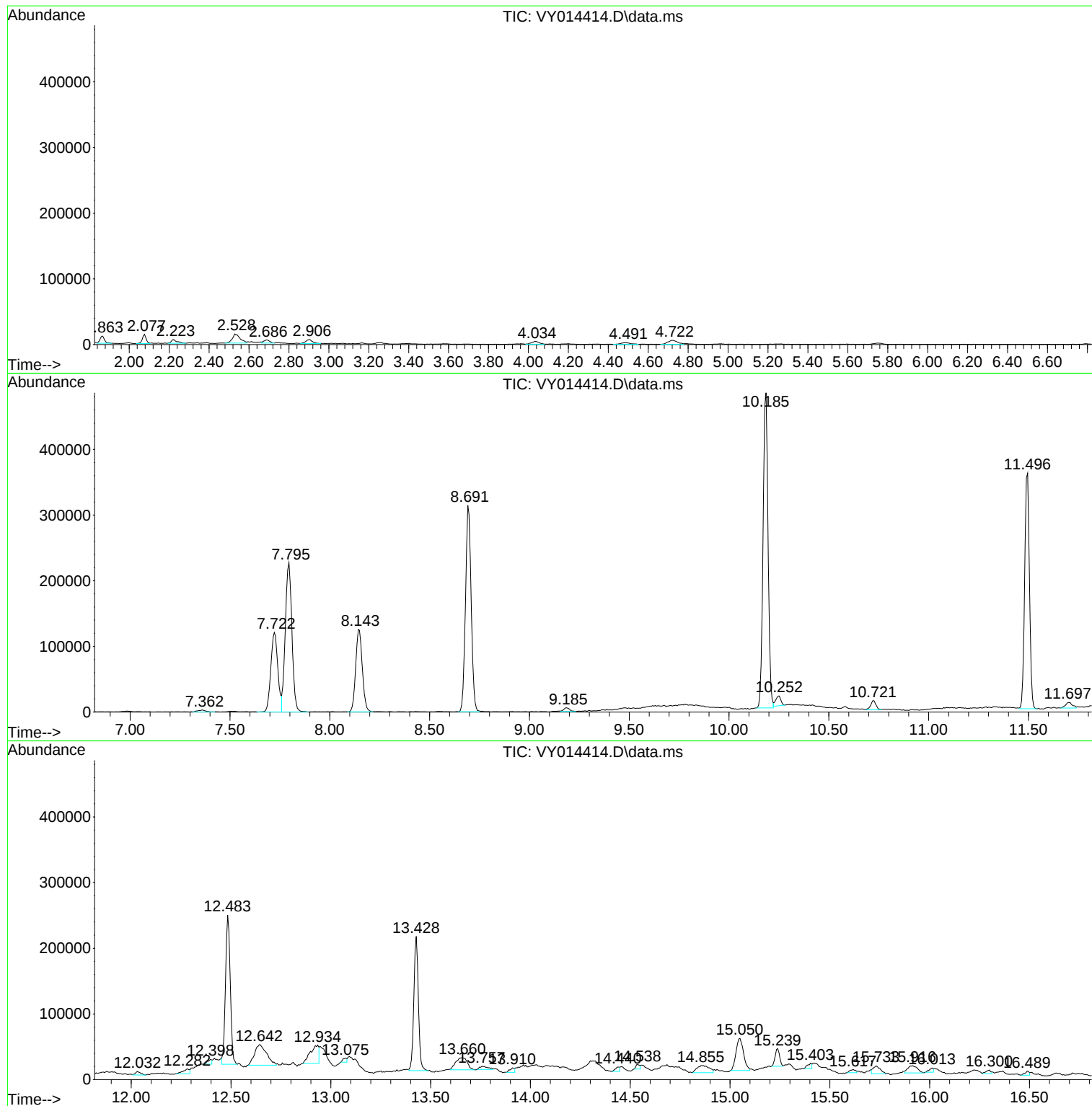
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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



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TOTAL-VOC-SB-19-20-SB-20-GRAB-5

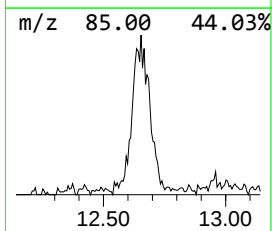
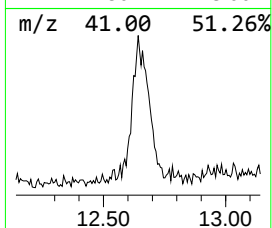
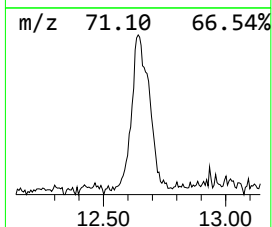
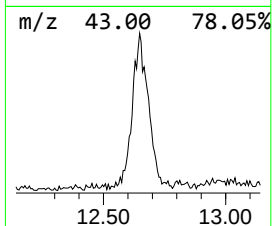
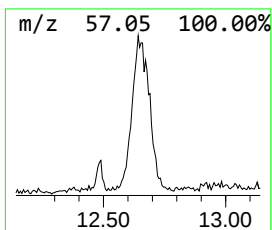
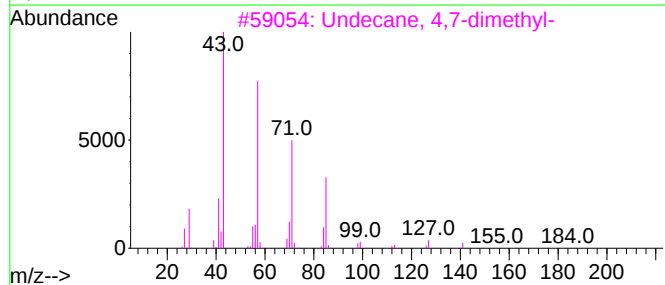
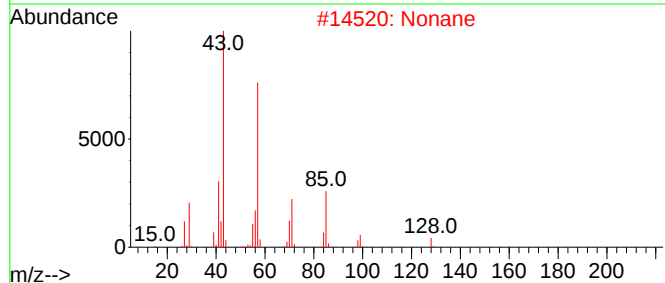
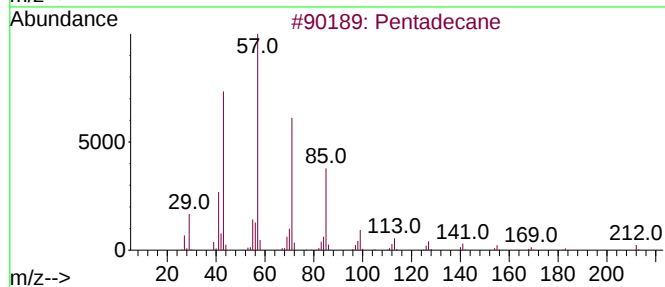
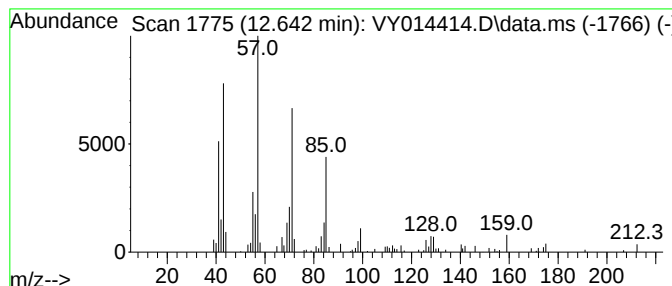
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 1 Pentadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.642	20.37 ug/l	132170	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	81
2			Nonane	128	C9H20	000111-84-2	76
3			Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	72
4			Hexadecane	226	C16H34	000544-76-3	72
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64



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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-19-20-SB-20-GRAB-5

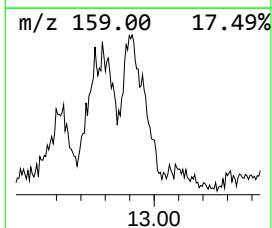
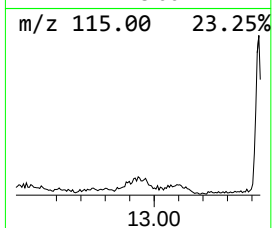
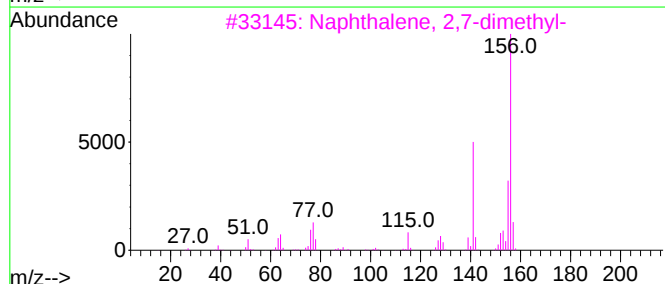
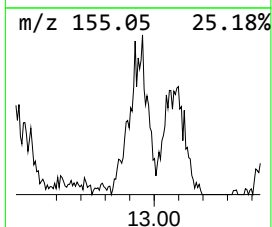
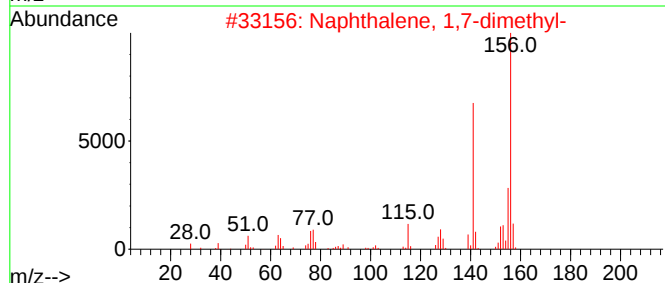
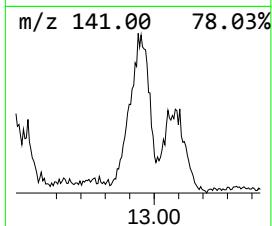
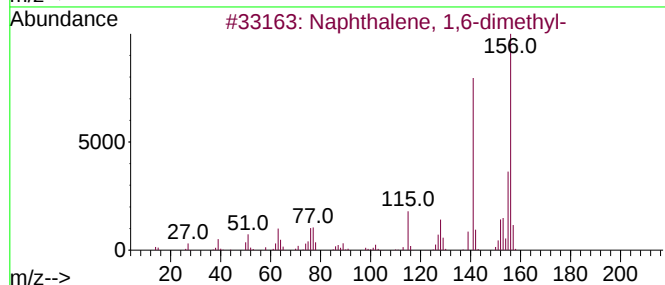
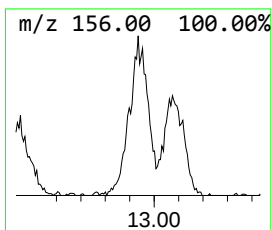
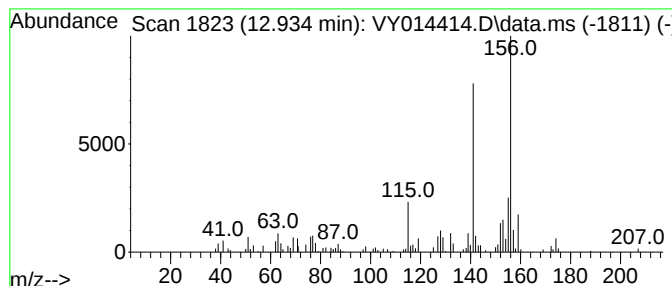
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.934	12.92 ug/l	83866	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
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Misc : 12.55g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-19-20-SB-20-GRAB-5

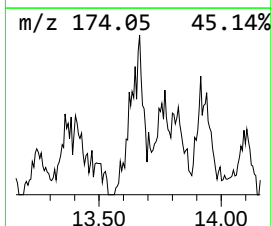
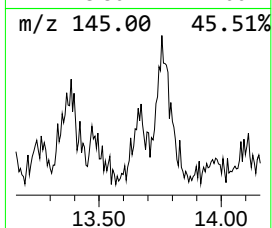
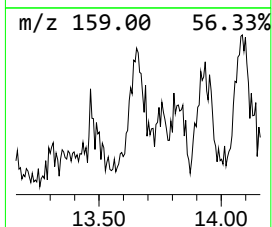
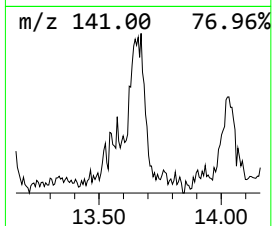
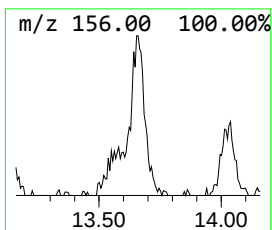
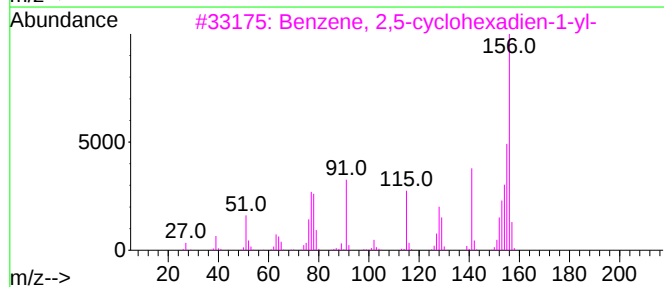
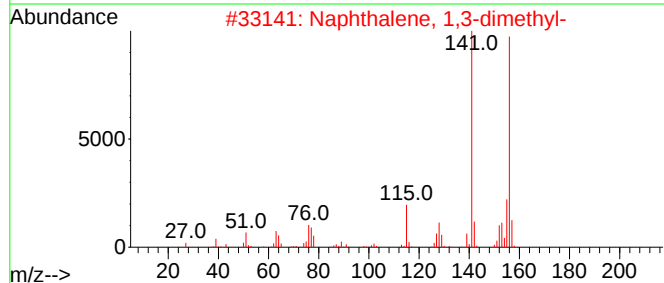
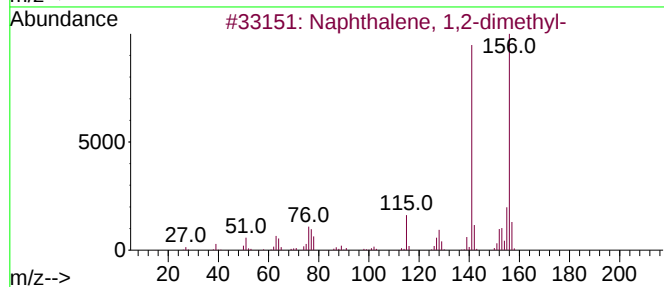
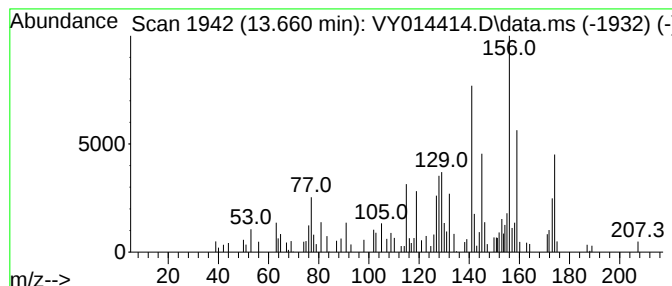
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown13.660 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.660	11.36 ug/l	73713	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	46
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	46
3			Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	41
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	41
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	41



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ClientSampleId :
TOTAL-VOC-SB-19-20-SB-20-GRAB-5

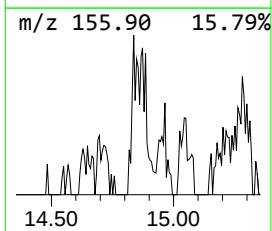
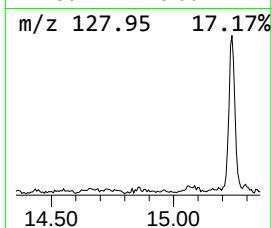
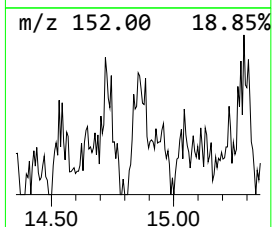
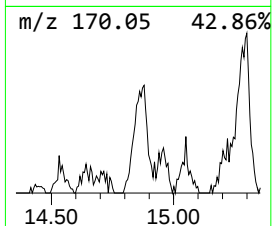
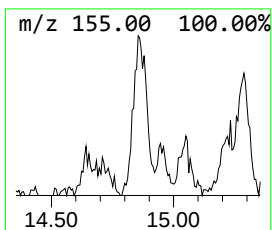
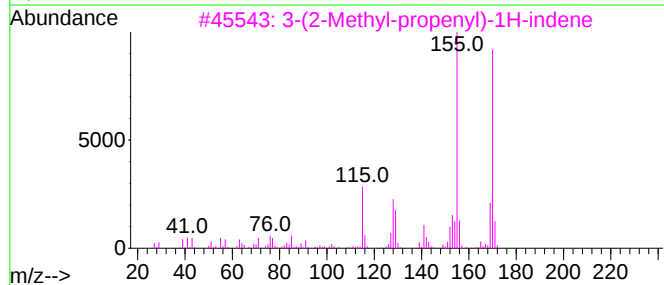
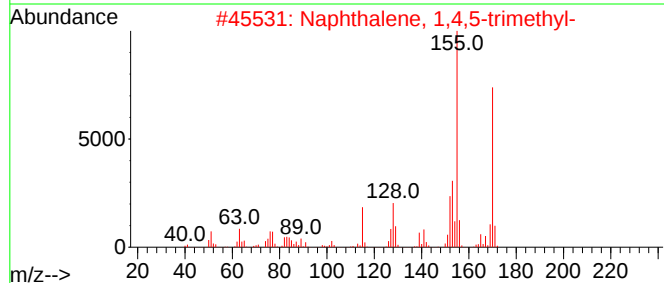
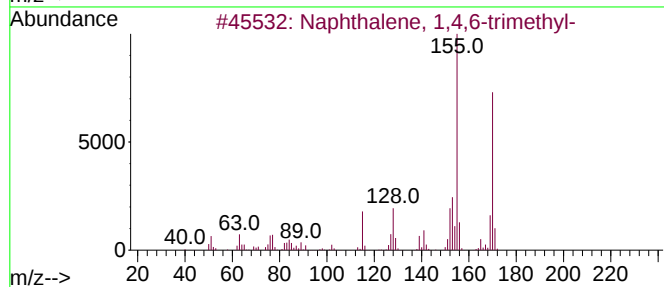
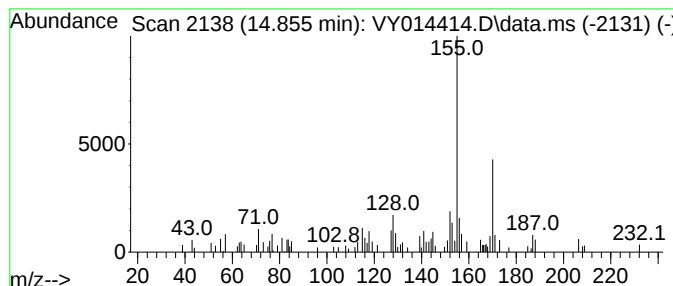
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,4,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.855	7.25 ug/l	47029	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
3			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	81
4			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	76
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	72



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ClientSampleId :
TOTAL-VOC-SB-19-20-SB-20-GRAB-5

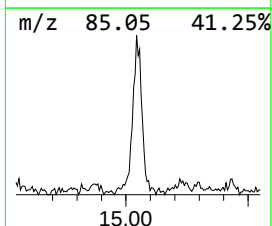
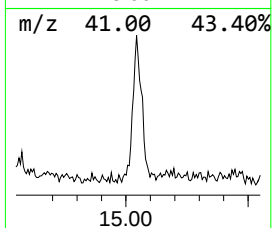
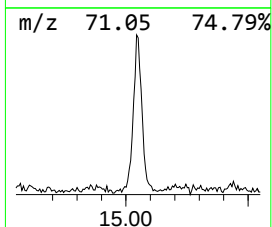
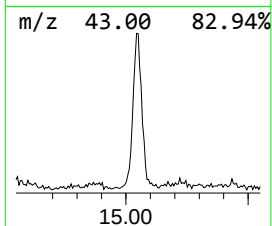
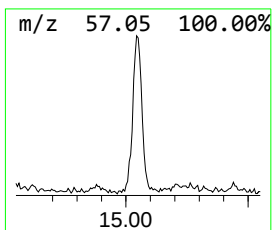
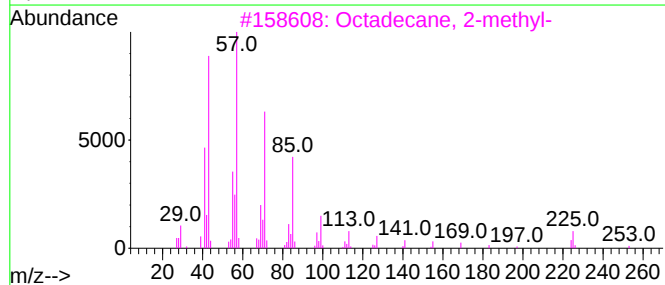
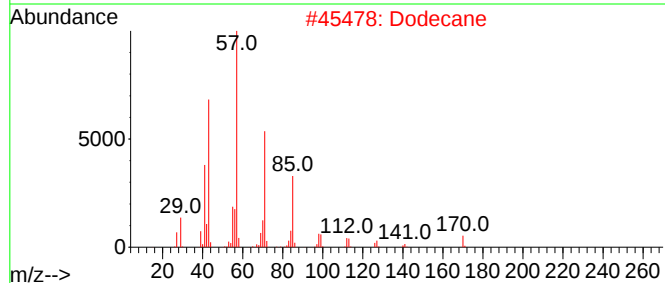
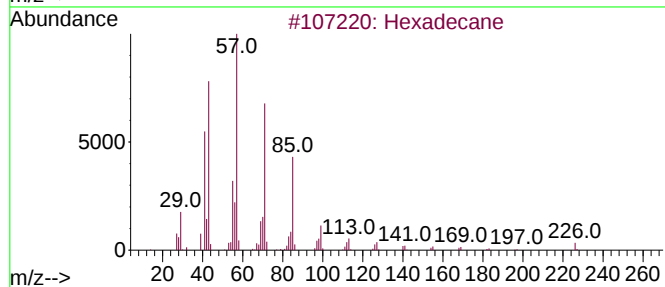
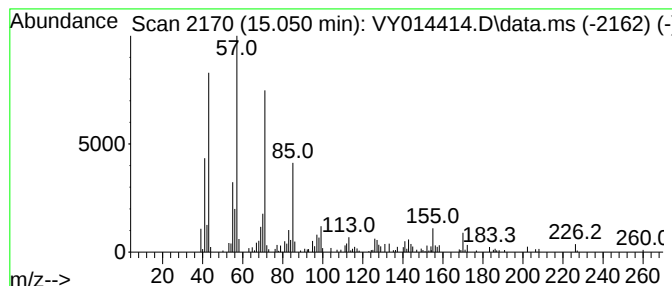
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Quant Title : SW846 8260

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

Peak Number 5 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.050	19.78 ug/l	128362	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Dodecane	170	C12H26	000112-40-3	90
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	83
4			Heneicosane	296	C21H44	000629-94-7	83
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
Data File : VY014414.D
Acq On : 23 Jun 2023 17:48
Operator : KP/MD
Sample : 03362-19
Misc : 12.55g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-19-20-SB-20-GRAB-5

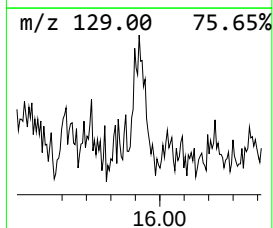
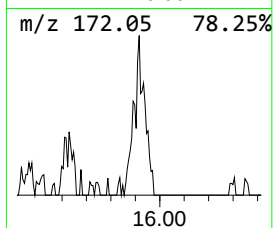
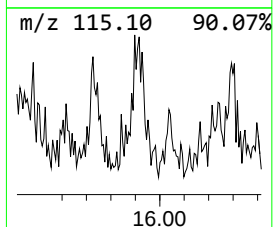
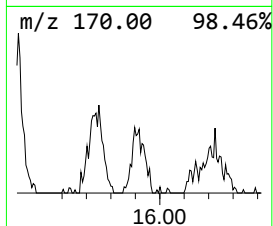
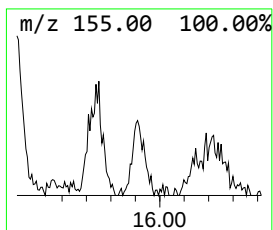
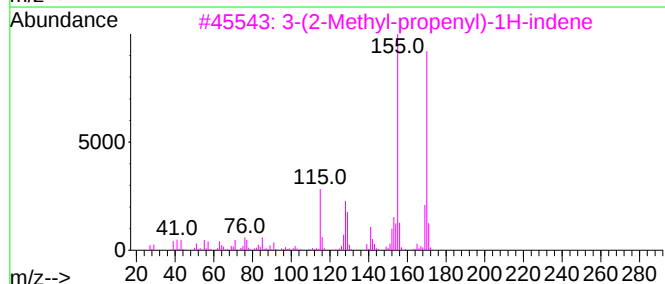
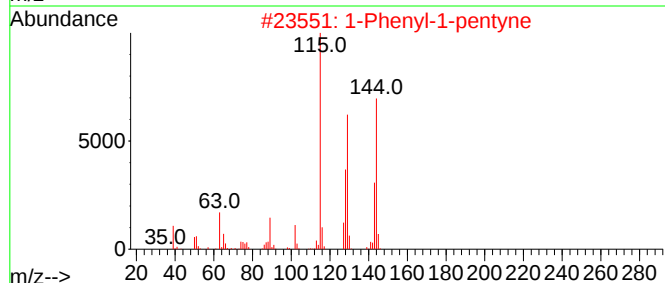
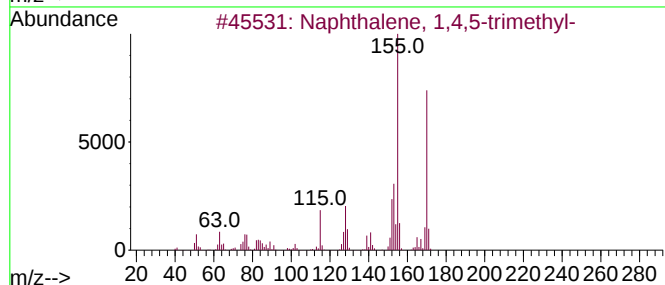
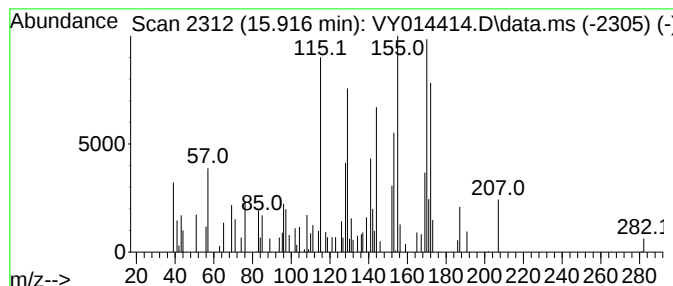
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

Peak Number 6 unknown15.916 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.916	5.70 ug/l	36998	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	46
2			1-Phenyl-1-pentyne	144	C11H12	004250-81-1	30
3			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	27
4			2-Cyclopenten-1-one, 3-methyl-2-...	172	C12H12O	050397-92-7	25
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
Data File : VY014414.D
Acq On : 23 Jun 2023 17:48
Operator : KP/MD
Sample : 03362-19
Misc : 12.55g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-19-20-SB-20-GRAB-5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentadecane	12.642	20.4	ug/l	132170	4	13.428	324474	50.0
Naphthalene, 1,...	12.934	12.9	ug/l	83866	4	13.428	324474	50.0
unknown13.660	13.660	11.4	ug/l	73713	4	13.428	324474	50.0
Naphthalene, 1,...	14.855	7.3	ug/l	47029	4	13.428	324474	50.0
Hexadecane	15.050	19.8	ug/l	128362	4	13.428	324474	50.0
unknown15.916	15.916	5.7	ug/l	36998	4	13.428	324474	50.0