

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012402.D
 Acq On : 30 Jan 2023 16:58
 Operator : KP/MD
 Sample : 01354-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

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\82Y011623S.M

Title : SW846 8260

Signal : TIC: VY012402.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.966	834	844	850	rBV3	1395	4092	1.34%	0.391%
2	7.789	971	979	988	rVB2	3394	7687	2.51%	0.734%
3	8.142	1029	1037	1044	rVB3	2564	6147	2.01%	0.587%
4	8.685	1120	1126	1136	rVB	5147	10562	3.45%	1.008%
5	10.179	1365	1371	1376	rBV	9820	18605	6.07%	1.776%
6	11.489	1581	1586	1593	rVB2	11486	17473	5.70%	1.668%
7	11.886	1638	1651	1652	rBV5	7993	25915	8.46%	2.474%
8	12.130	1684	1691	1694	rBV7	7736	19544	6.38%	1.866%
9	12.300	1715	1719	1720	rBV4	2714	3700	1.21%	0.353%
10	12.404	1720	1736	1738	rBV3	32772	117620	38.40%	11.227%
11	12.648	1767	1776	1791	rVB4	26717	122589	40.02%	11.702%
12	12.959	1808	1827	1836	rVV3	55643	306333	100.00%	29.241%
13	13.075	1841	1846	1847	rBV3	13559	20783	6.78%	1.984%
14	13.422	1896	1903	1913	rVB7	19447	62767	20.49%	5.991%
15	13.568	1919	1927	1928	rBV7	7404	16422	5.36%	1.568%
16	13.654	1939	1941	1953	rVB3	20873	53516	17.47%	5.108%
17	14.855	2128	2138	2140	rBV4	14373	34495	11.26%	3.293%
18	14.946	2151	2153	2160	rVB6	5758	10272	3.35%	0.981%
19	15.044	2163	2169	2178	rVB3	22521	56206	18.35%	5.365%
20	15.196	2191	2194	2195	rBV3	5102	5799	1.89%	0.554%
21	15.288	2205	2209	2220	rVB6	12290	37540	12.25%	3.583%
22	15.409	2224	2229	2239	rVB5	9403	28312	9.24%	2.703%
23	15.733	2275	2282	2293	rVB6	10501	40846	13.33%	3.899%
24	15.915	2306	2312	2320	rVB10	6069	17157	5.60%	1.638%
25	16.001	2323	2326	2329	rBV5	2000	3240	1.06%	0.309%

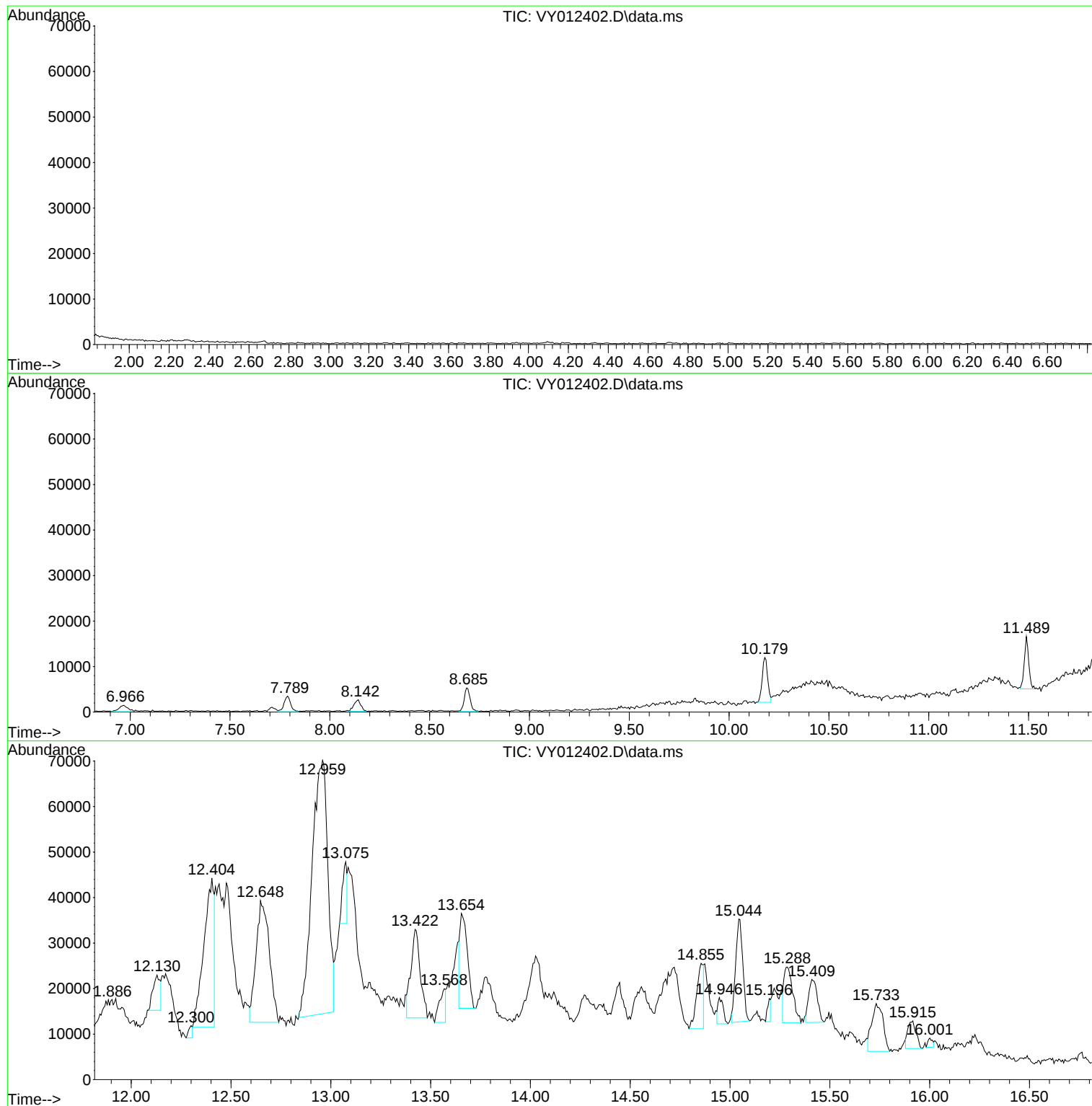
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ClientSampleId :
VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

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



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ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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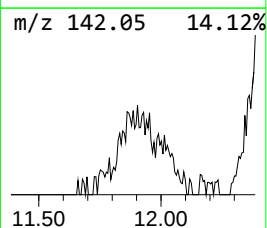
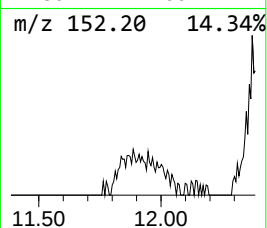
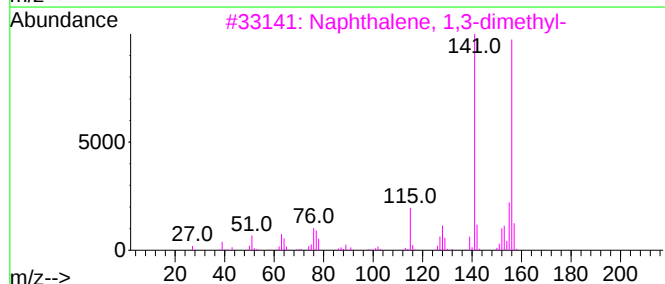
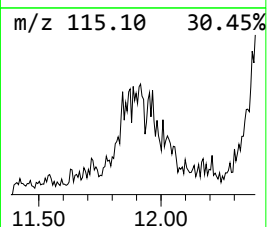
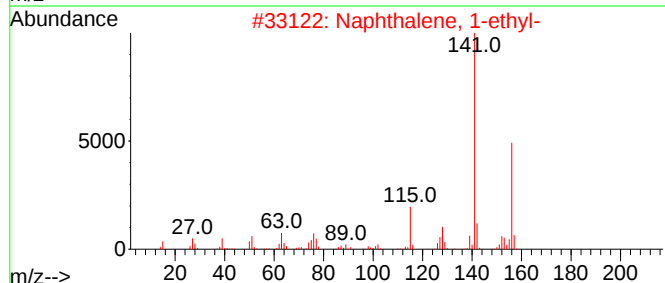
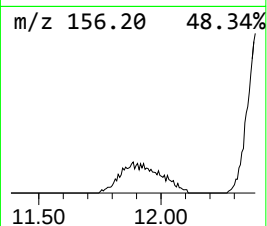
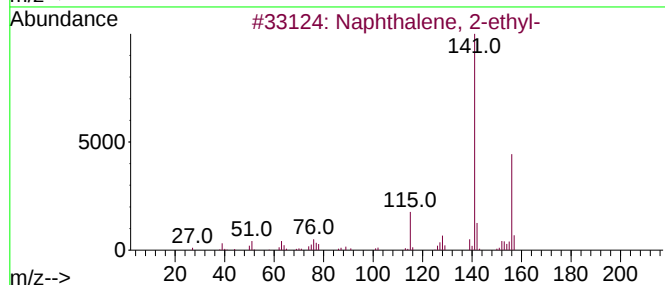
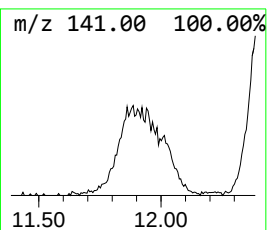
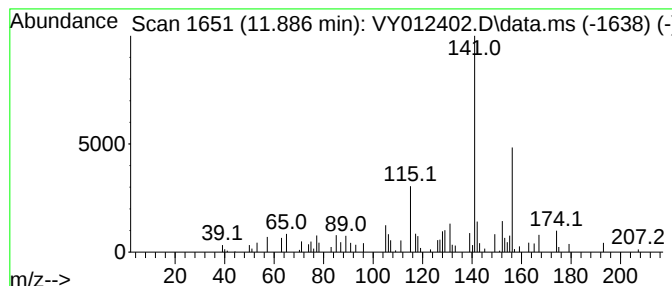
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	74.16 ug/l	25915	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	81
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	76
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	59
4			Naphthalene, 1-propyl-	170	C13H14	002765-18-6	47
5			1,4-Dimethylazulene	156	C12H12	001127-69-1	43



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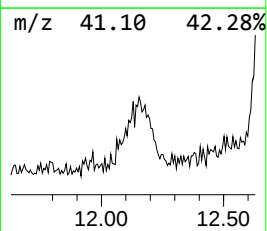
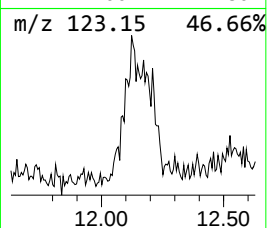
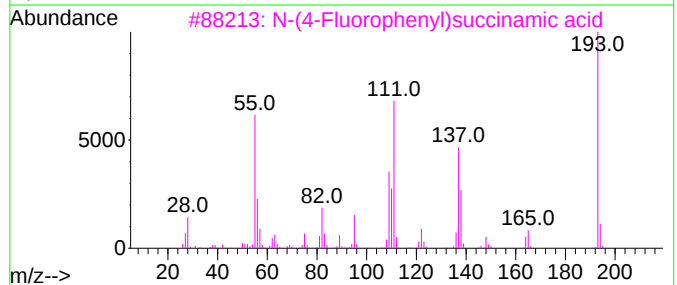
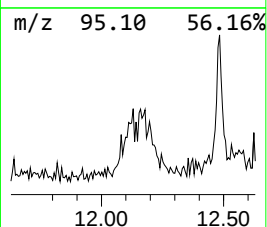
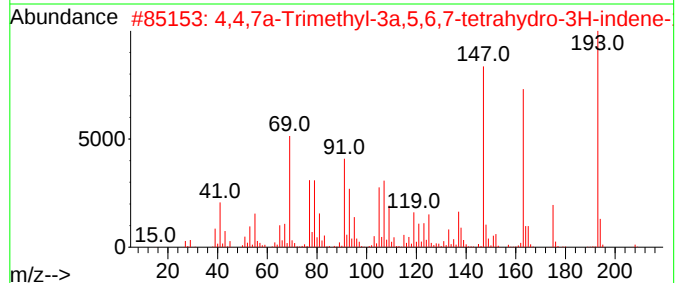
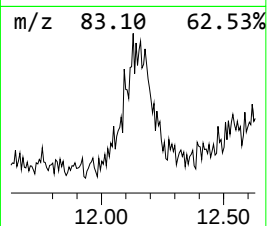
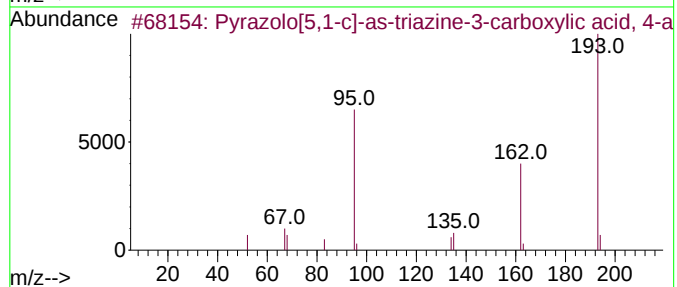
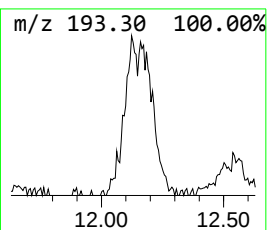
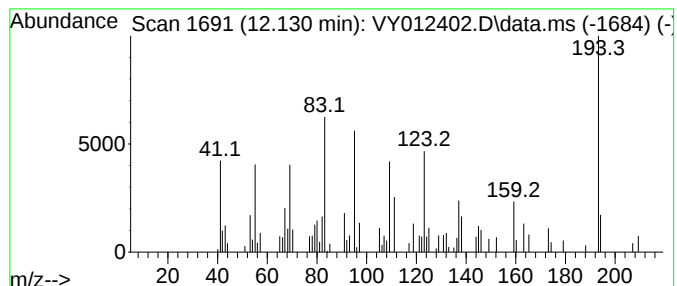
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown12.130 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.130	55.93 ug/l	19544	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrazolo[5,1-c]-as-triazine-3-ca...	193	C6H7N7O	016111-78-7	30
2			4,4,7a-Trimethyl-3a,5,6,7-tetra...	208	C13H20O2	1246094-76-7	27
3			N-(4-Fluorophenyl)succinamic acid	211	C10H10FN03	199461-14-8	27
4			benzoxazole, 5,6-dimethoxy-2-met...	193	C10H11NO3	1000395-98-9	27
5			4-Amino-N-hydroxypyrazolo[3,2-c]...	193	C6H7N7O	1000443-50-2	27



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Instrument :
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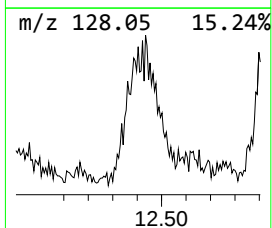
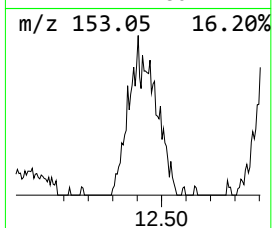
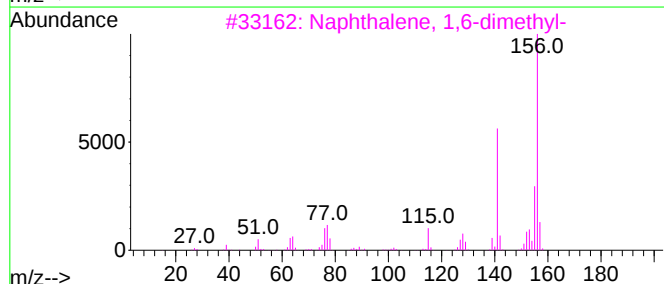
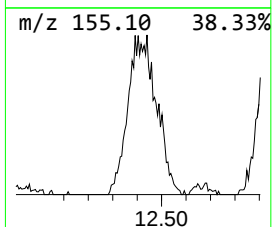
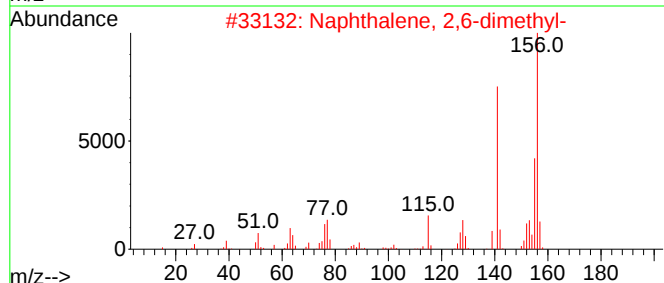
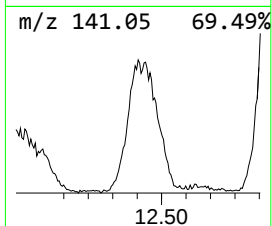
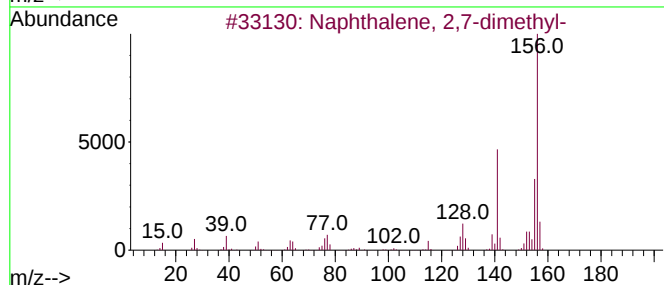
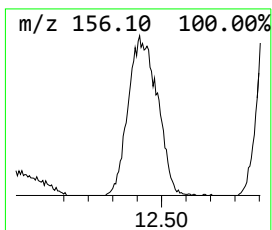
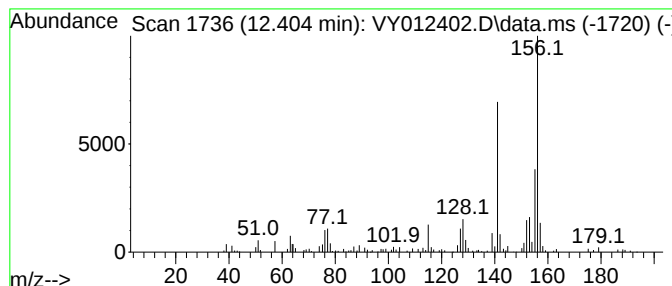
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.404	336.58 ug/l	117620	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



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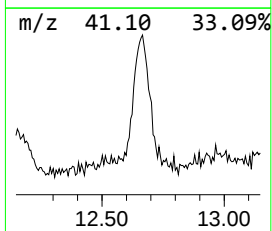
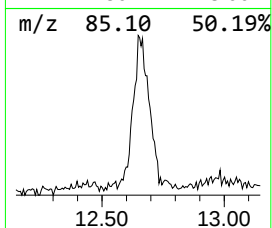
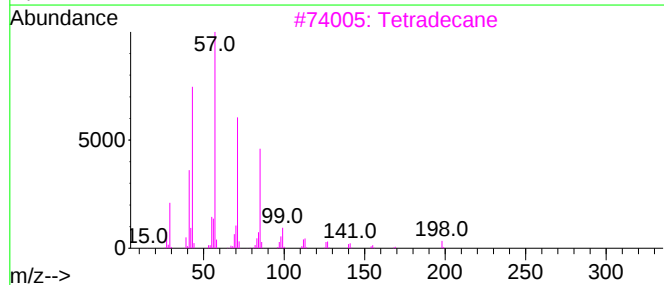
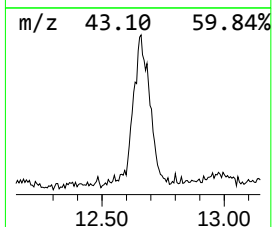
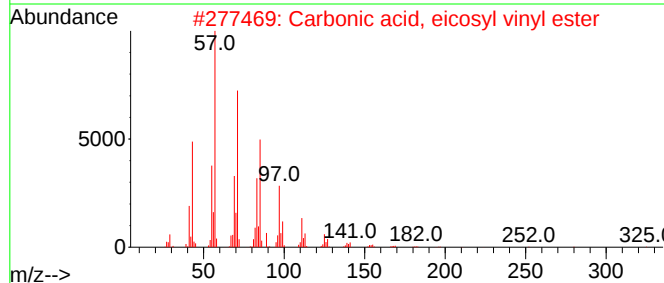
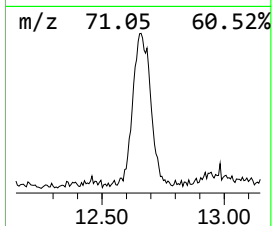
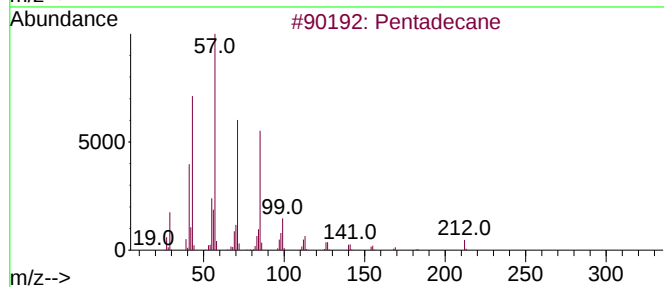
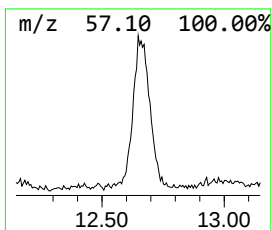
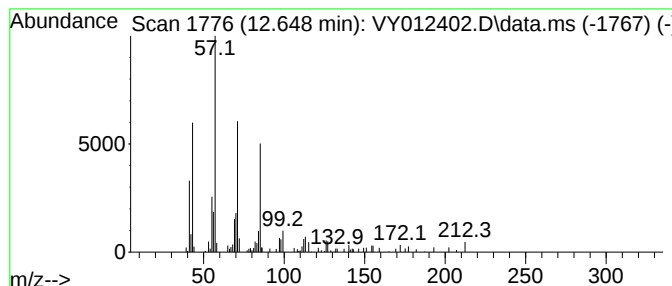
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Pentadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.648	97.65 ug/l	122589	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	96
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
3			Tetradecane	198	C14H30	000629-59-4	86
4			Nonadecane	268	C19H40	000629-92-5	86
5			Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	83



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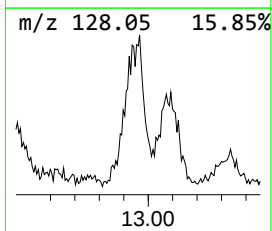
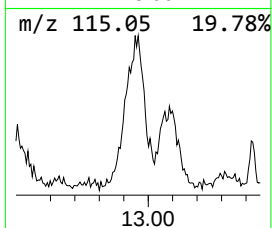
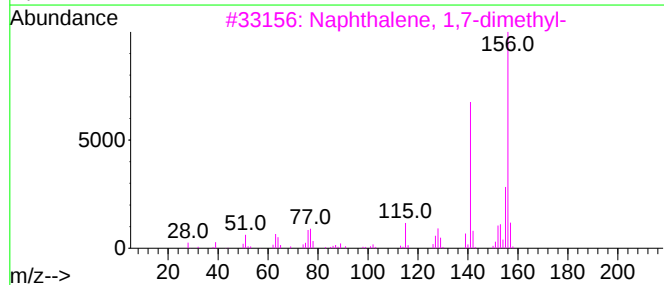
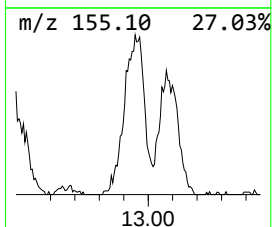
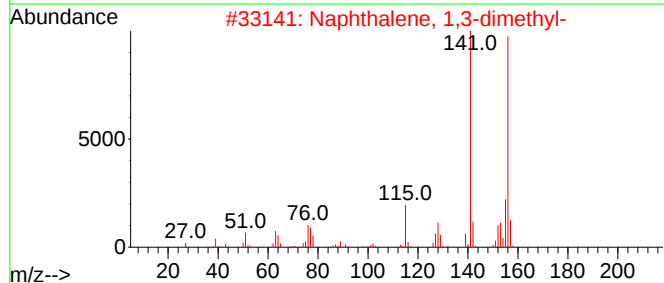
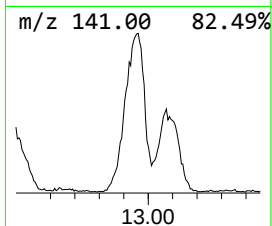
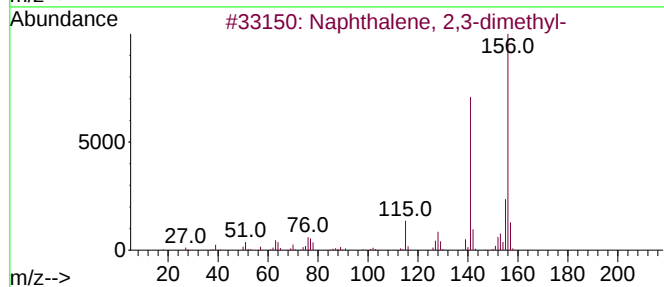
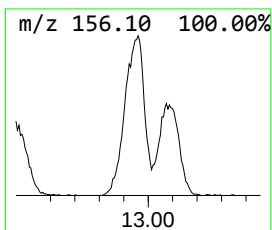
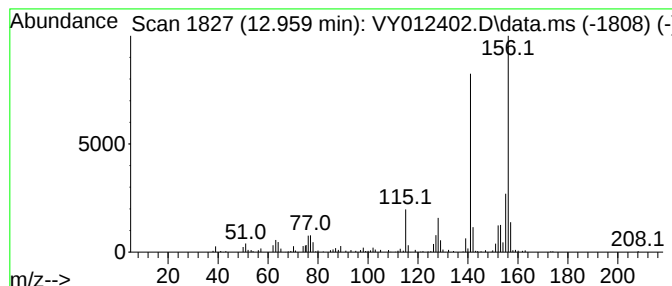
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.959	244.02 ug/l	306333	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



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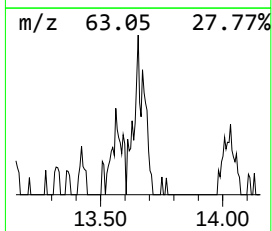
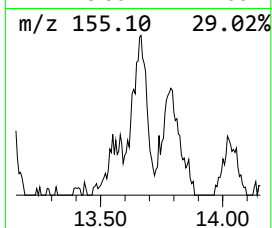
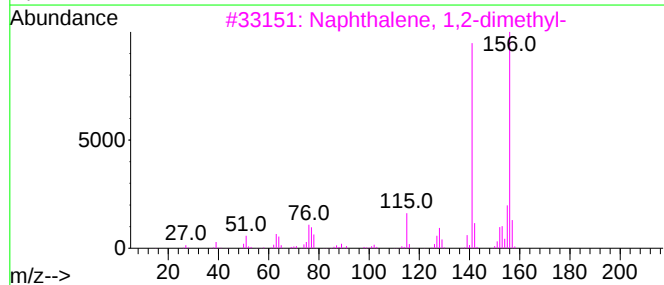
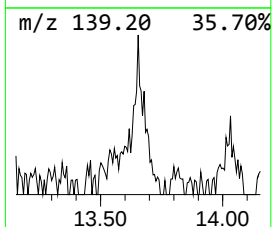
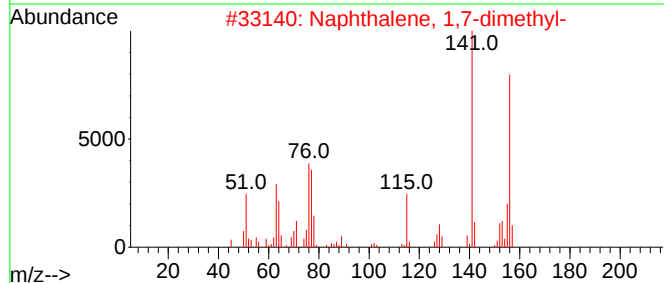
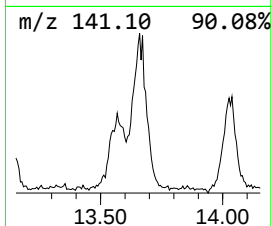
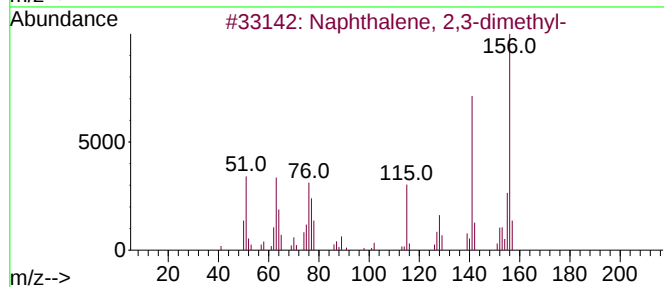
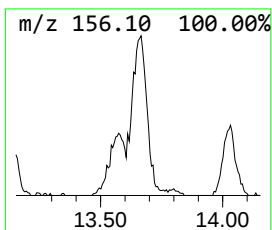
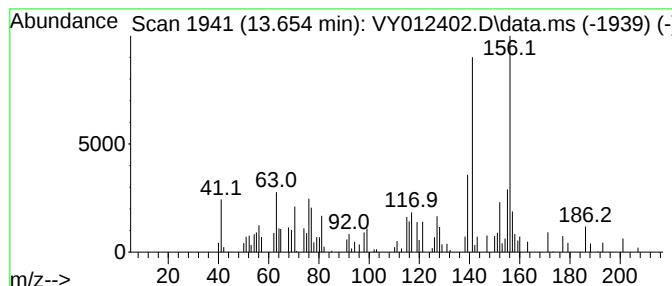
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.654	42.63 ug/l	53516	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	76
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	76
3			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	68
4			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	68
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
Data File : VY012402.D
Acq On : 30 Jan 2023 16:58
Operator : KP/MD
Sample : 01354-02
Misc : 5.05g/5.0mL/MSVOA_Y/soil
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

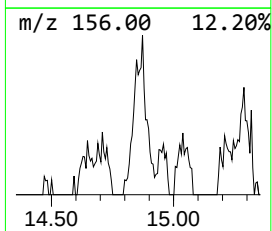
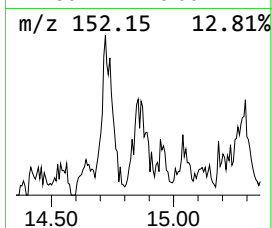
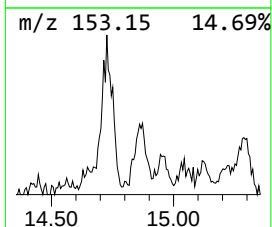
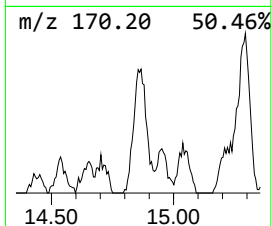
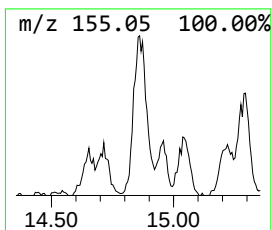
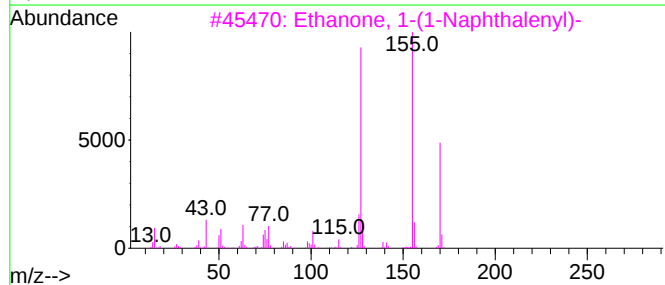
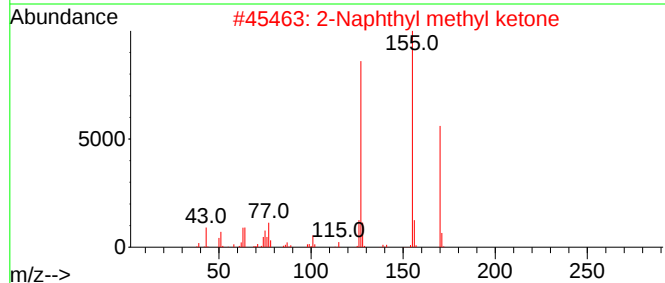
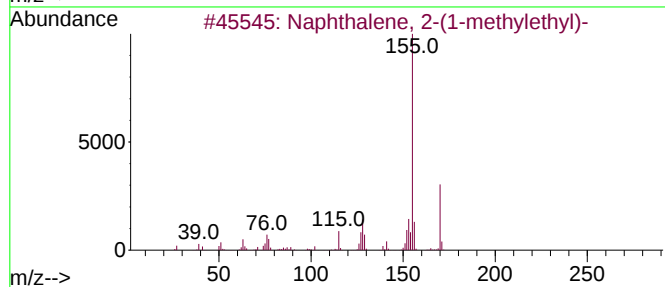
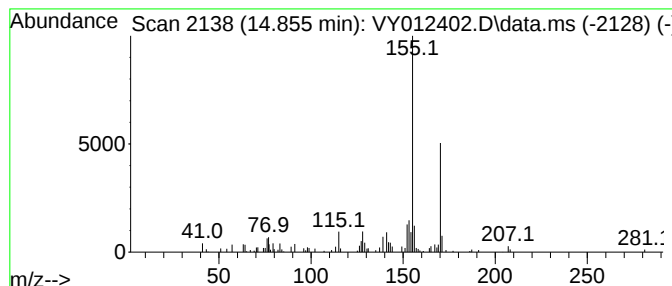
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 2-(1-methyleth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.855	27.48 ug/l	34495	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
2			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	76
3			Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64
4			Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	64
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	62



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
Data File : VY012402.D
Acq On : 30 Jan 2023 16:58
Operator : KP/MD
Sample : 01354-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

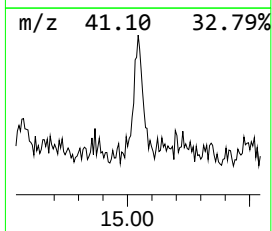
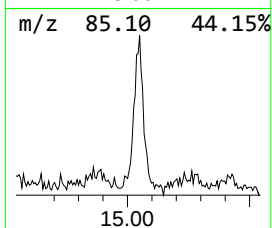
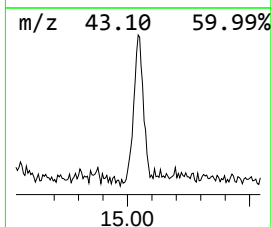
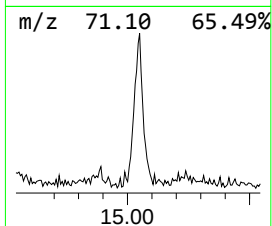
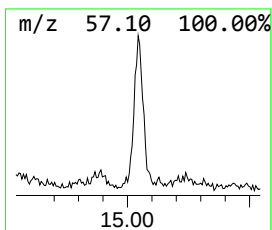
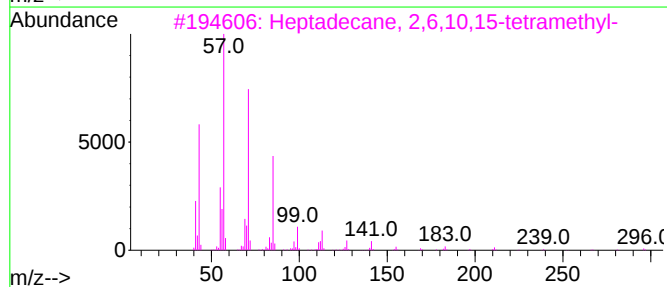
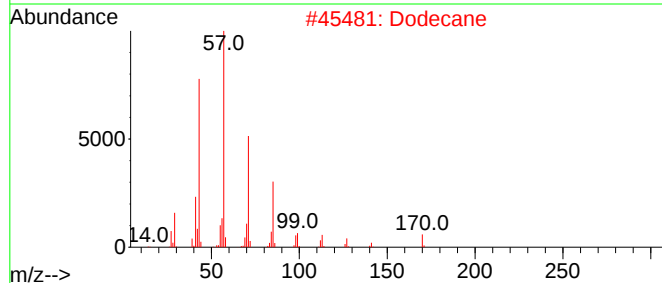
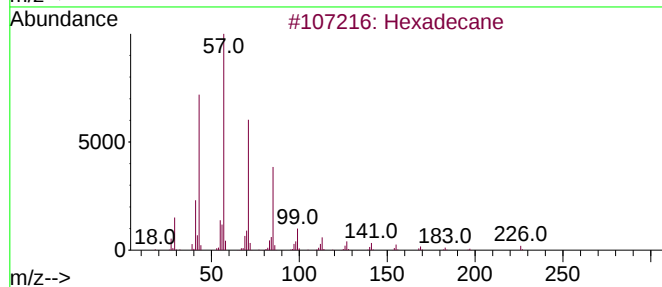
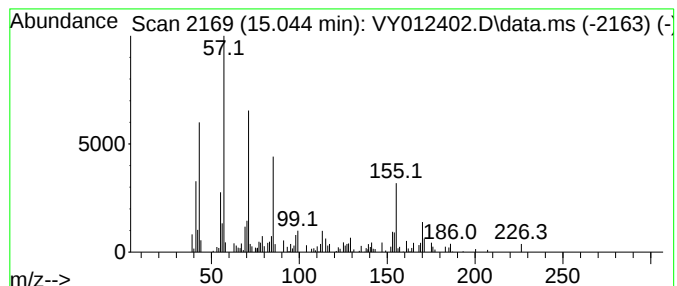
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Quant Title : SW846 8260

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

Peak Number 8 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.044	44.77 ug/l	56206	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	95
2			Dodecane	170	C12H26	000112-40-3	68
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	62
4			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	58
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
Data File : VY012402.D
Acq On : 30 Jan 2023 16:58
Operator : KP/MD
Sample : 01354-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

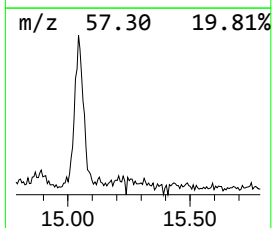
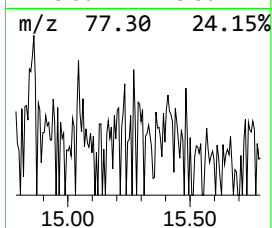
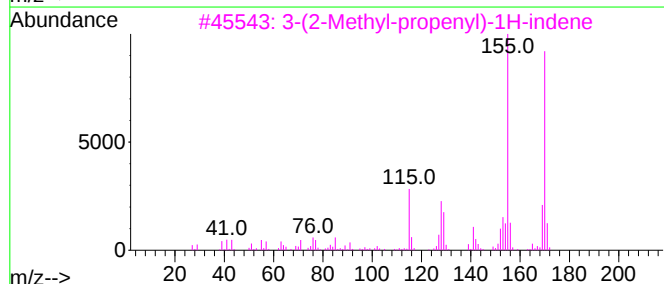
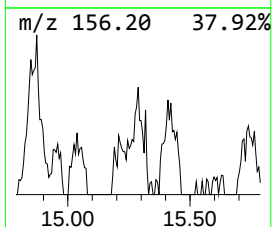
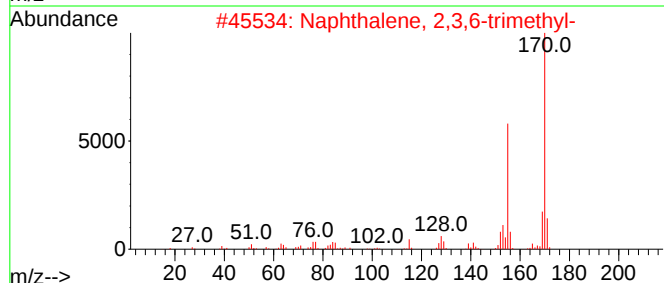
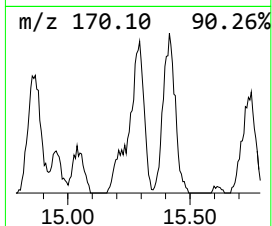
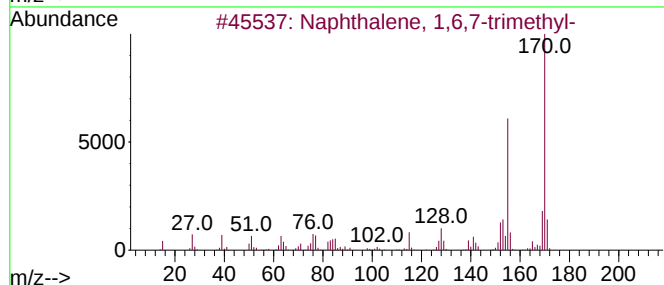
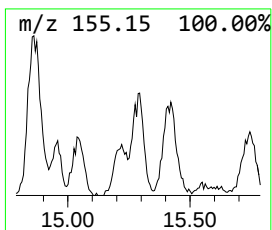
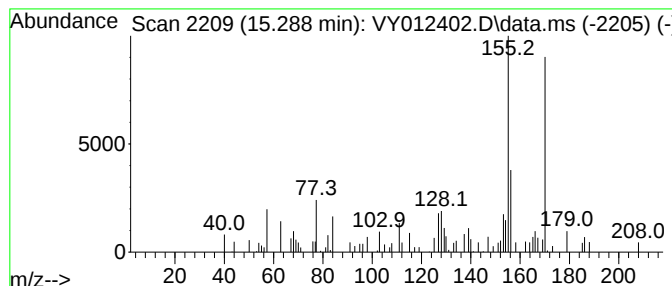
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.288	29.90 ug/l	37540	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	72
3			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	64
4			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
5			Dimethyl phenylphosphonite	170	C8H11O2P	002946-61-4	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
Data File : VY012402.D
Acq On : 30 Jan 2023 16:58
Operator : KP/MD
Sample : 01354-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

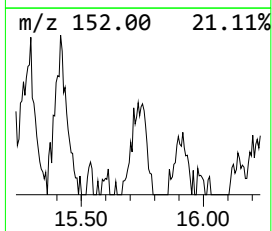
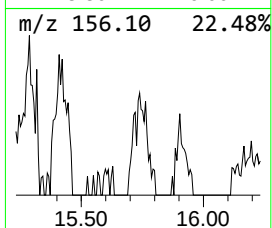
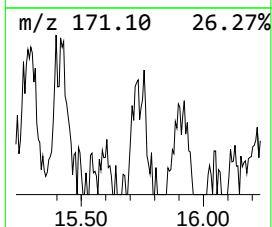
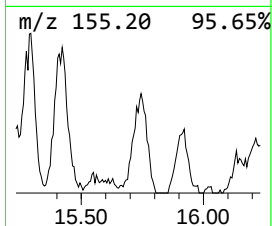
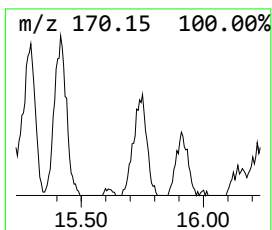
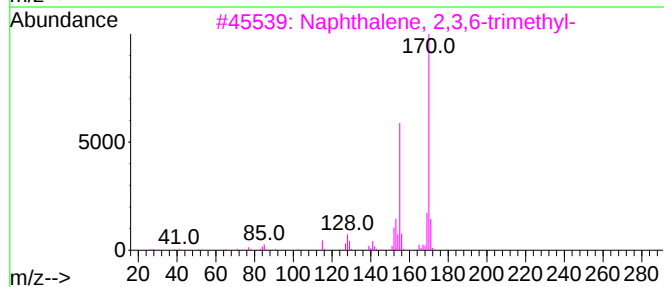
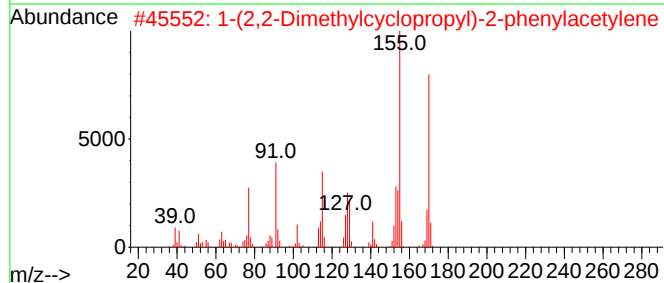
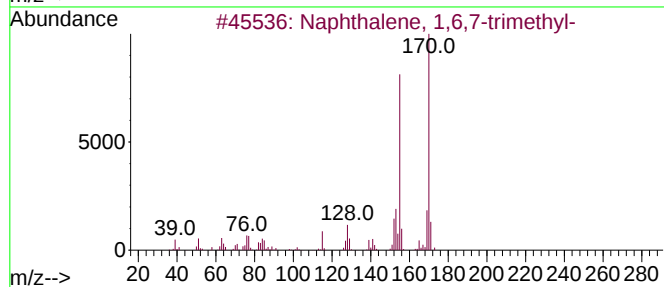
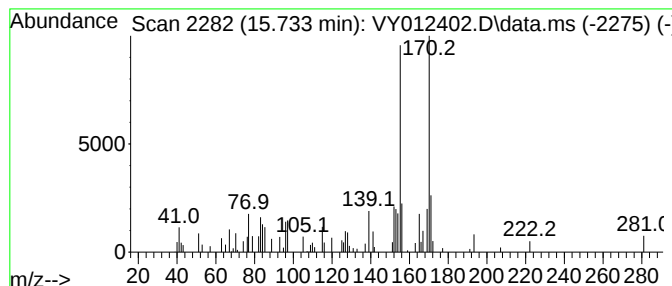
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260

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

Peak Number 10 1-(2,2-Dimethylcyclopropyl)... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.733	32.54 ug/l	40846	1,4-Dichlorobenzene-d4	13.428

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
2		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	81
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	80
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	80
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
Data File : VY012402.D
Acq On : 30 Jan 2023 16:58
Operator : KP/MD
Sample : 01354-02
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.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
Naphthalene, 2-...	11.886	74.2	ug/l	25915	3	11.489	17473	50.0
unknown12.130	12.130	55.9	ug/l	19544	3	11.489	17473	50.0
Naphthalene, 2,...	12.404	336.6	ug/l	117620	3	11.489	17473	50.0
Pentadecane	12.648	97.7	ug/l	122589	4	13.428	62767	50.0
Naphthalene, 2,...	12.959	244.0	ug/l	306333	4	13.428	62767	50.0
Naphthalene, 1,...	13.654	42.6	ug/l	53516	4	13.428	62767	50.0
Naphthalene, 2-...	14.855	27.5	ug/l	34495	4	13.428	62767	50.0
Hexadecane	15.044	44.8	ug/l	56206	4	13.428	62767	50.0
Naphthalene, 1,...	15.288	29.9	ug/l	37540	4	13.428	62767	50.0
1-(2,2-Dimethyl...	15.733	32.5	ug/l	40846	4	13.428	62767	50.0