

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016051.D
 Acq On : 19 Oct 2023 20:40
 Operator : SY/MD
 Sample : 04843-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

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\82Y101823S.M

Title : SW846 8260

Signal : TIC: VY016051.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.223	60	66	70	rBV5	1279	2766	1.38%	0.180%
2	4.722	467	476	485	rBV2	4976	14036	7.02%	0.916%
3	5.753	636	645	655	rBV4	4085	12179	6.09%	0.795%
4	7.722	959	968	974	rBV2	30228	72010	35.99%	4.699%
5	7.795	974	980	992	rVB	54426	123309	61.63%	8.046%
6	8.149	1030	1038	1048	rVB	28302	62536	31.26%	4.081%
7	8.697	1120	1128	1137	rBV	77257	153093	76.52%	9.990%
8	10.185	1364	1372	1380	rBV	118192	200080	100.00%	13.056%
9	10.581	1431	1437	1447	rVB	8045	14680	7.34%	0.958%
10	11.496	1581	1587	1600	rBV	102569	167937	83.93%	10.958%
11	12.416	1726	1738	1741	rBV7	3096	10025	5.01%	0.654%
12	12.489	1741	1750	1757	rVB2	82823	140176	70.06%	9.147%
13	12.977	1819	1830	1841	rBV6	9793	37954	18.97%	2.477%
14	13.123	1842	1854	1867	rVB9	7425	30410	15.20%	1.984%
15	13.434	1898	1905	1913	rBV	86207	140251	70.10%	9.152%
16	13.568	1922	1927	1928	rBV5	1737	2240	1.12%	0.146%
17	13.678	1939	1945	1956	rVB5	4065	10534	5.26%	0.687%
18	13.818	1965	1968	1974	rVB8	1532	2722	1.36%	0.178%
19	13.971	1987	1993	2000	rVB2	12117	20504	10.25%	1.338%
20	14.044	2000	2005	2006	rBV2	4446	5898	2.95%	0.385%
21	14.129	2015	2019	2020	rBV4	1891	2564	1.28%	0.167%
22	14.215	2028	2033	2036	rBV5	3545	6069	3.03%	0.396%
23	14.306	2037	2048	2051	rBV10	8161	26615	13.30%	1.737%
24	14.397	2060	2063	2067	rBV3	2553	3374	1.69%	0.220%
25	14.465	2071	2074	2081	rVB5	5703	11998	6.00%	0.783%
26	14.550	2084	2088	2091	rBV5	11653	16655	8.32%	1.087%
27	14.678	2107	2109	2113	rBV5	4056	6216	3.11%	0.406%
28	14.751	2116	2121	2129	rVB5	11826	29282	14.64%	1.911%
29	14.836	2131	2135	2140	rBV7	9285	22555	11.27%	1.472%
30	14.940	2148	2152	2157	rBV5	13556	25846	12.92%	1.687%
31	15.025	2159	2166	2167	rBV6	11748	26612	13.30%	1.737%
32	15.123	2179	2182	2189	rVB8	16231	27657	13.82%	1.805%
33	15.239	2197	2201	2205	rBV	25684	40559	20.27%	2.647%
34	15.611	2259	2262	2267	rVB4	40115	63151	31.56%	4.121%

Sum of corrected areas: 1532493

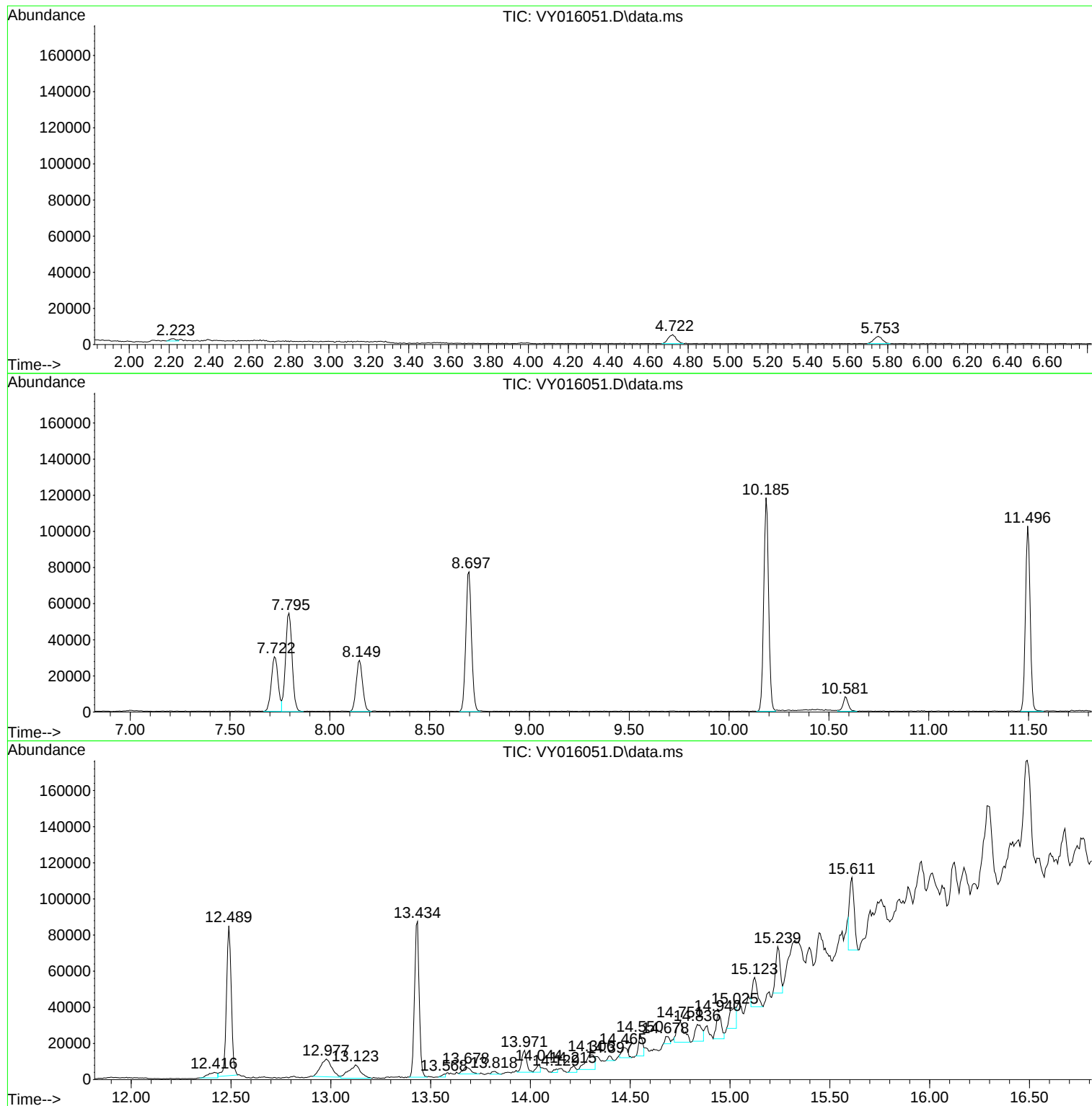
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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



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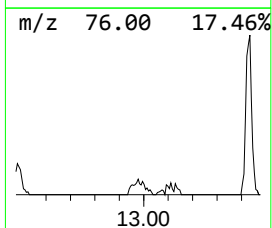
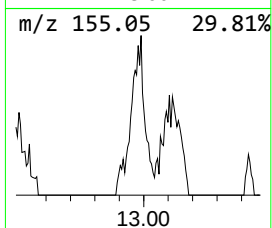
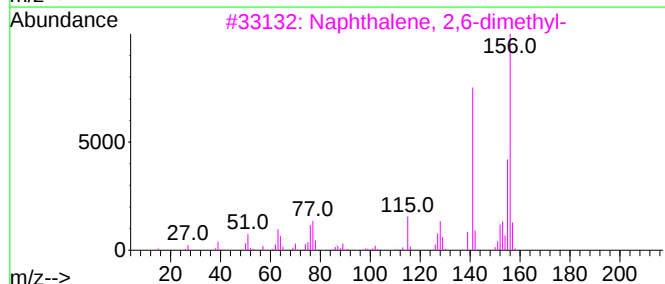
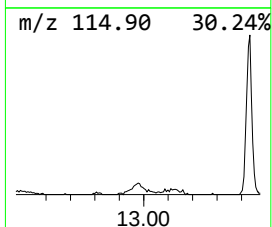
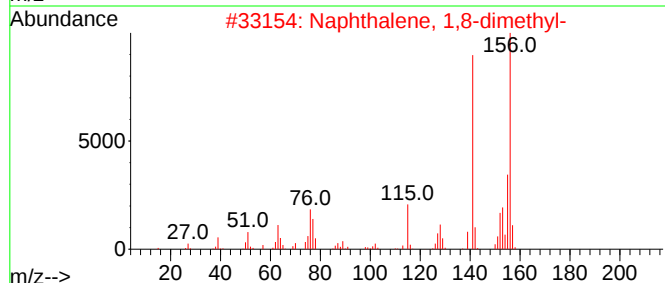
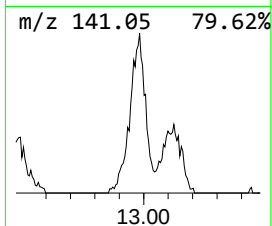
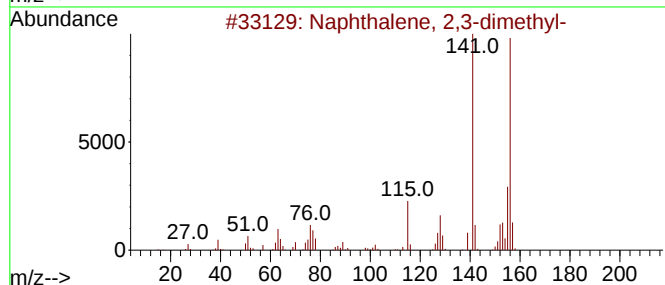
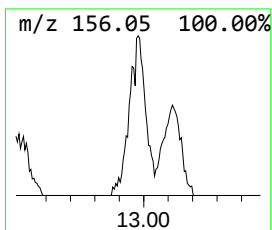
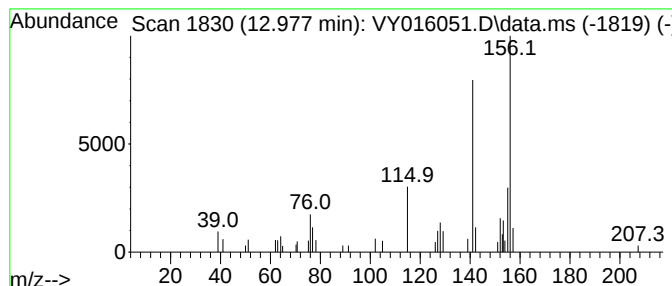
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.977	13.53 ug/l	37954	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93



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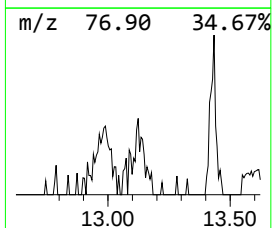
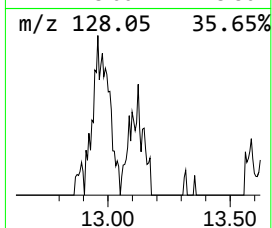
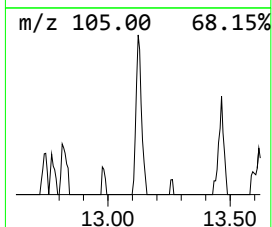
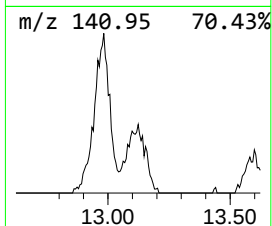
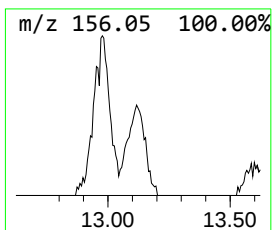
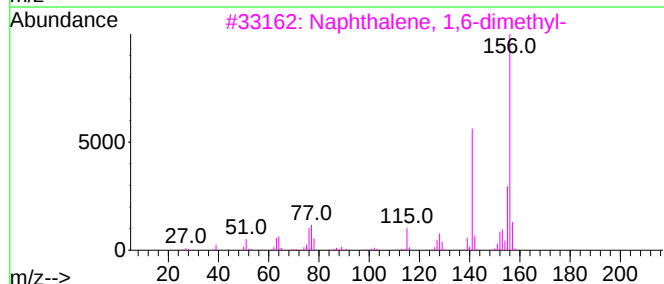
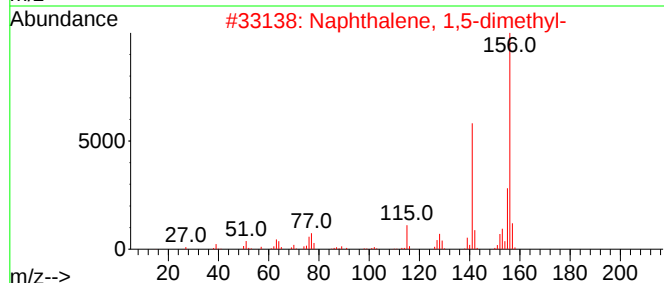
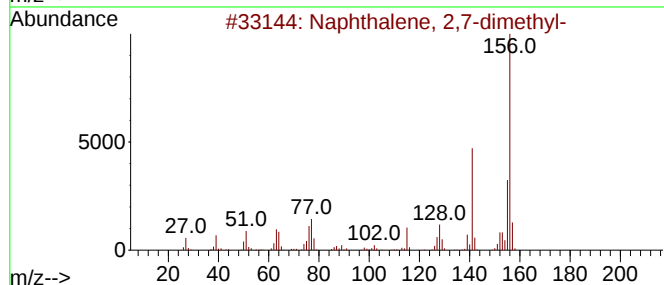
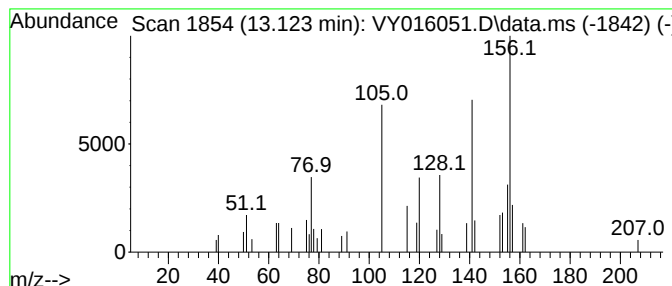
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

Peak Number 2 Naphthalene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.123	10.84 ug/l	30410	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	76
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	70
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	70
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	70
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	70



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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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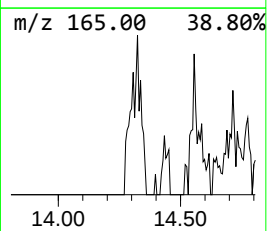
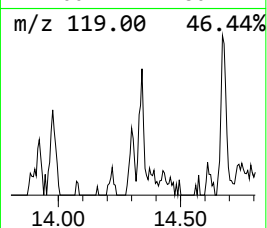
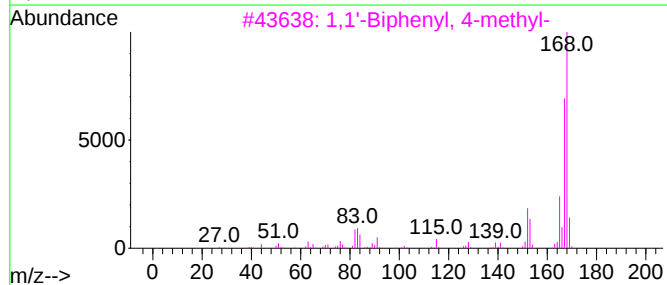
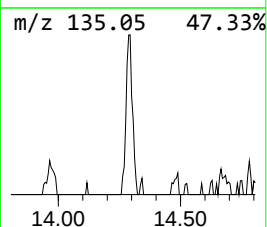
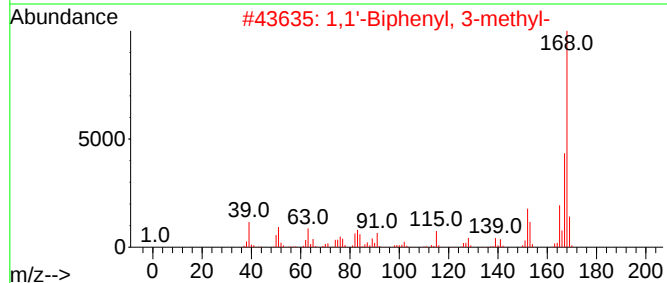
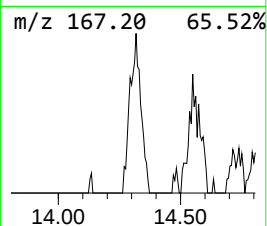
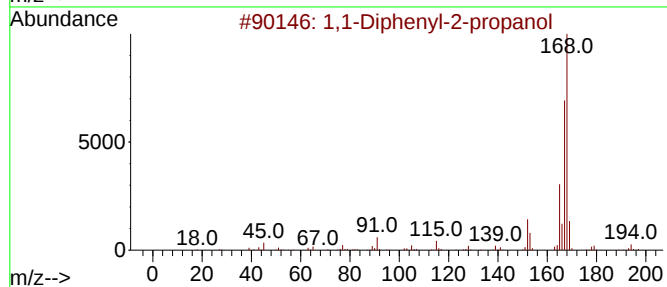
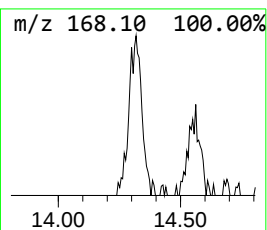
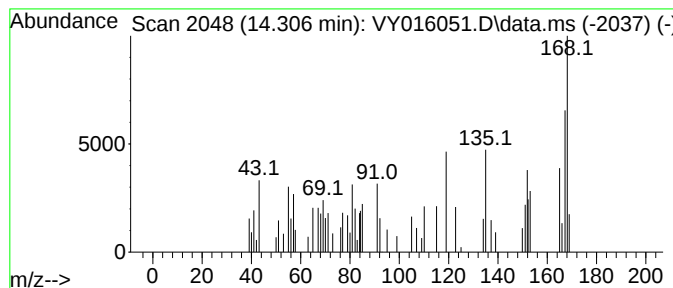
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown14.306 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.306	9.49 ug/l	26615	1,4-Dichlorobenzene-d4	13.434

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	47
2		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	45
3		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
5		Diphenylmethane	168	C13H12	000101-81-5	22



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Instrument :
MSVOA_Y
ClientSampleId :
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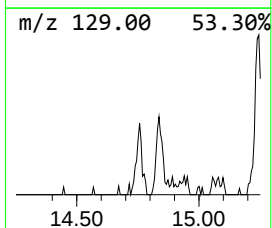
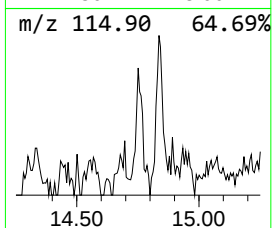
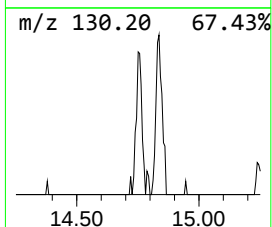
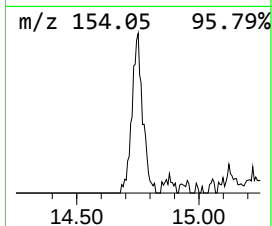
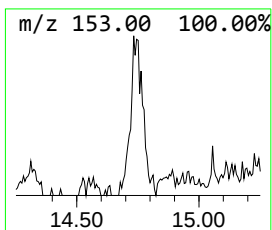
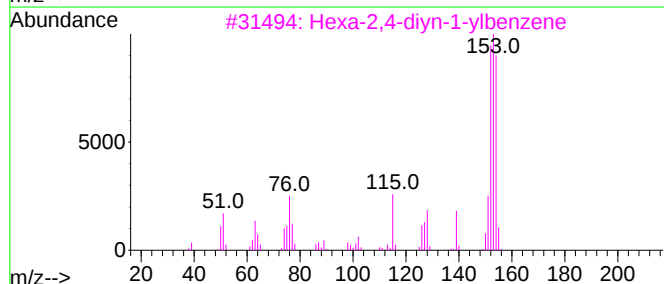
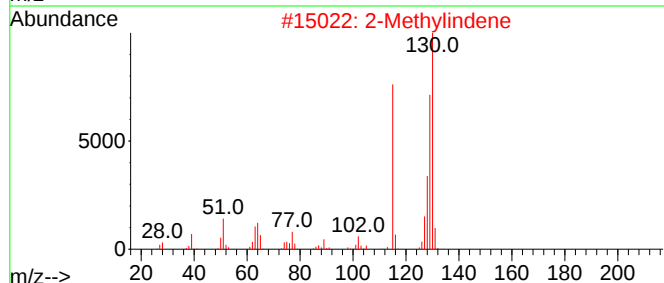
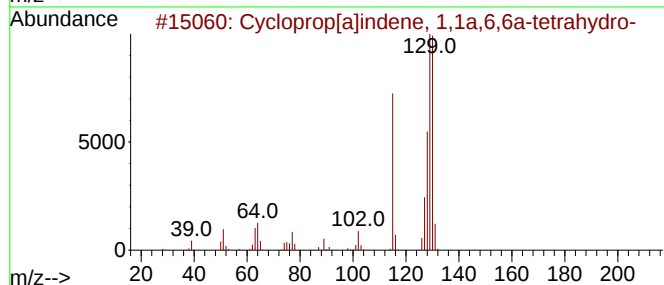
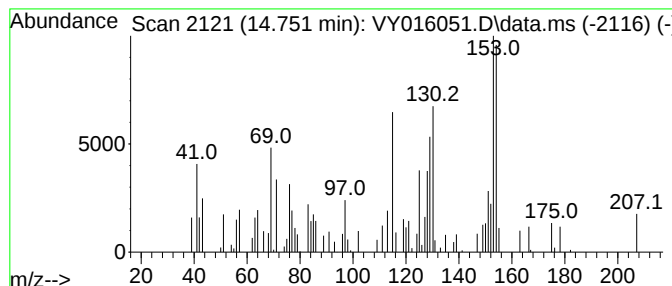
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

Peak Number 4 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.751	10.44 ug/l	29282	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	64
2			2-Methylindene	130	C10H10	002177-47-1	60
3			Hexa-2,4-diyne-1-ylbenzene	154	C12H10	000520-74-1	50
4			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	43
5			Benzene, 1-butylnyl-	130	C10H10	000622-76-4	35



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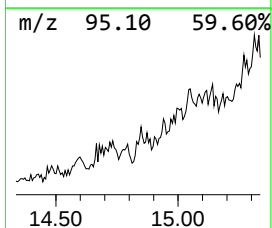
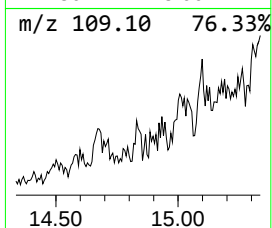
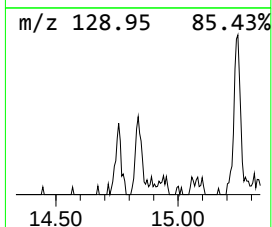
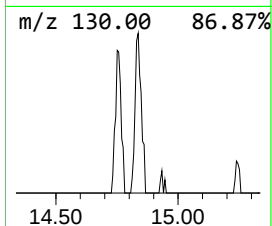
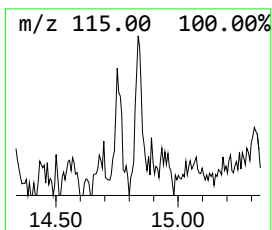
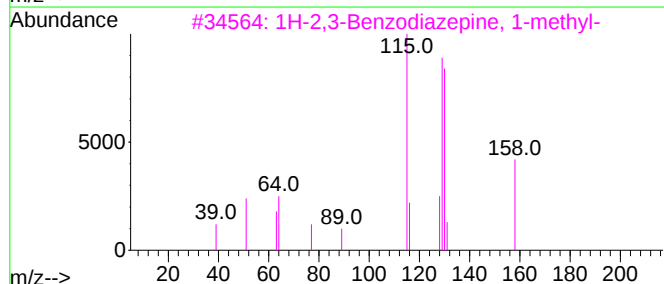
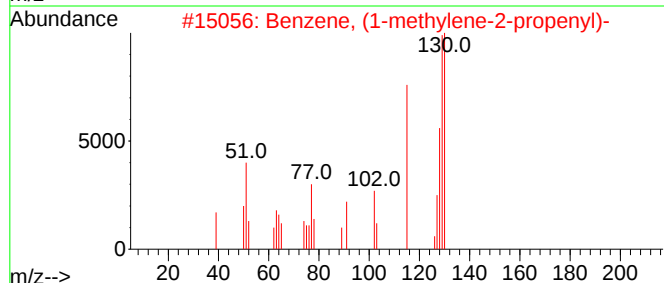
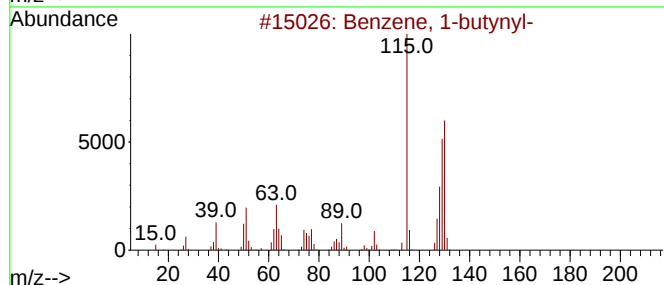
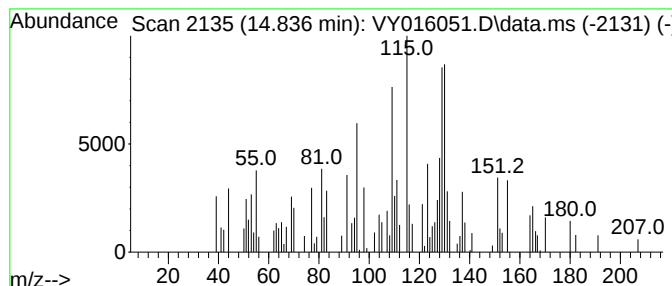
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 unknown14.836 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.836	8.04 ug/l	22555	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-butynyl-	130	C10H10	000622-76-4	49
2			Benzene, (1-methylene-2-propenyl)-	130	C10H10	002288-18-8	46
3			1H-2,3-Benzodiazepine, 1-methyl-	158	C10H10N2	029100-32-1	38
4			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	38
5			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	35



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ClientSampleId :
WC-1

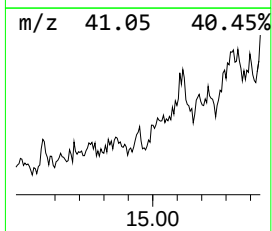
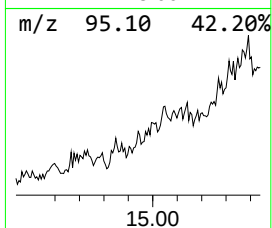
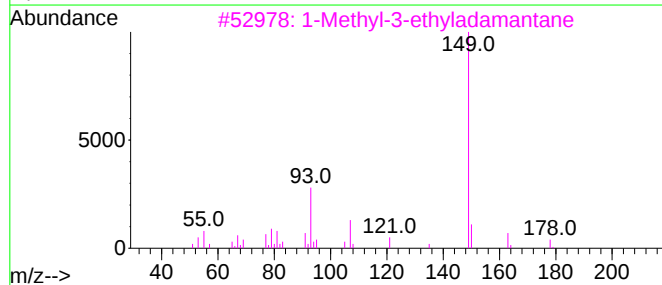
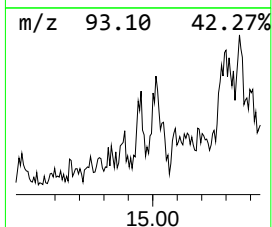
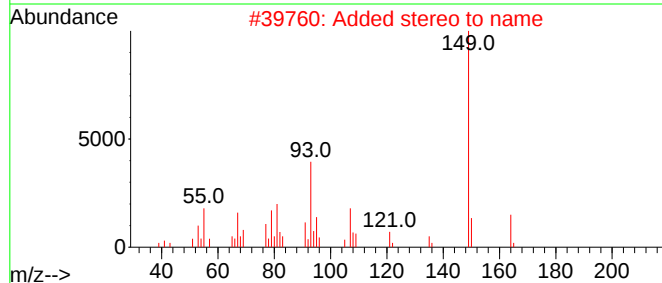
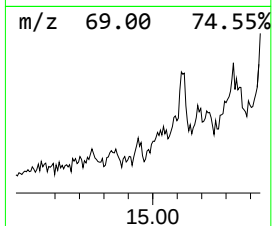
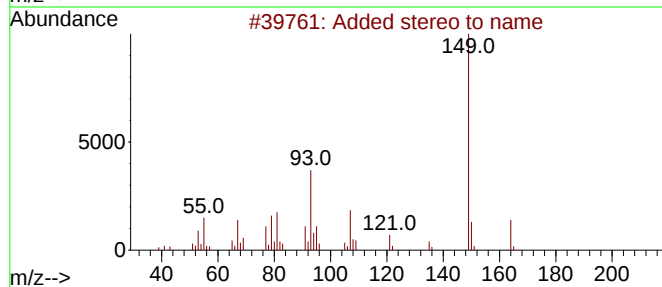
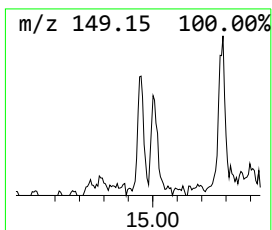
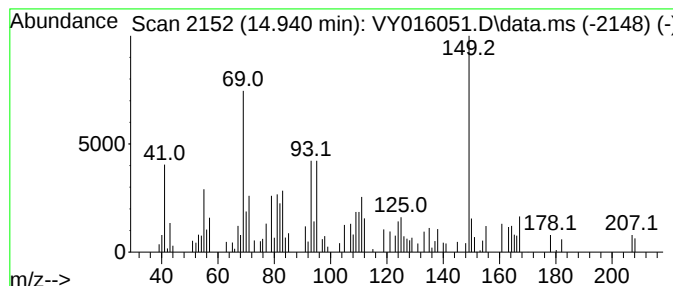
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.940 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.940	9.21 ug/l	25846	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Added stereo to name			164	C12H20	024145-89-9	46
2	Added stereo to name			164	C12H20	024145-88-8	46
3	1-Methyl-3-ethyladamantane			178	C13H22	001687-34-9	38
4	Adamantane, 1,3-dimethyl-			164	C12H20	000702-79-4	38
5	(E)-.beta.-Farnesene			204	C15H24	018794-84-8	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016051.D
Acq On : 19 Oct 2023 20:40
Operator : SY/MD
Sample : 04843-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

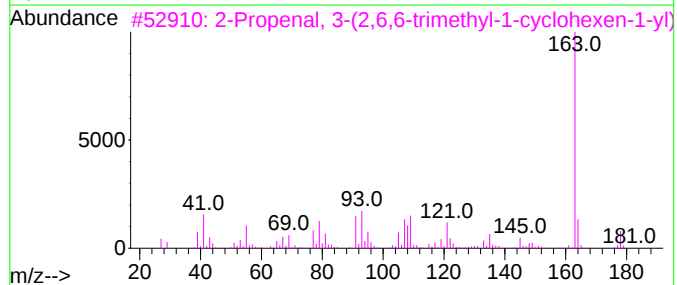
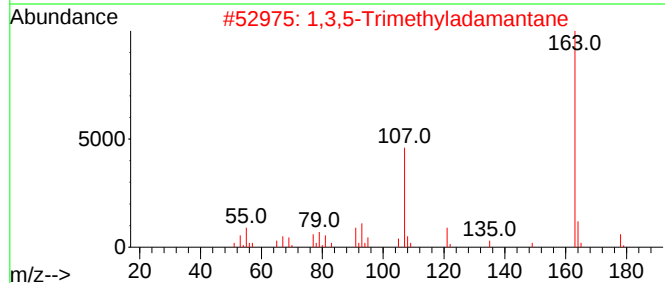
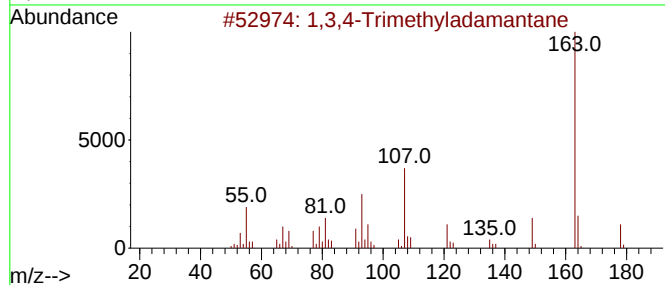
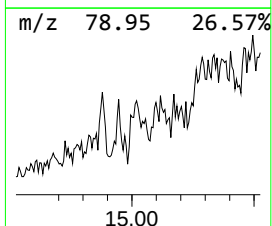
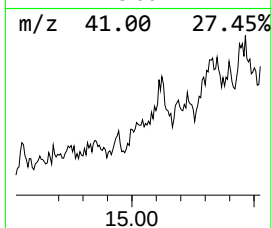
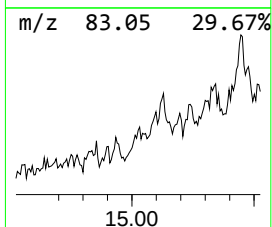
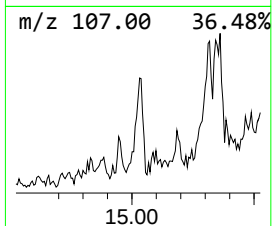
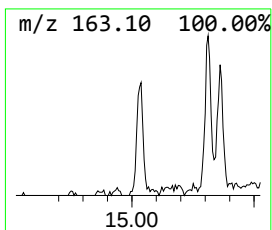
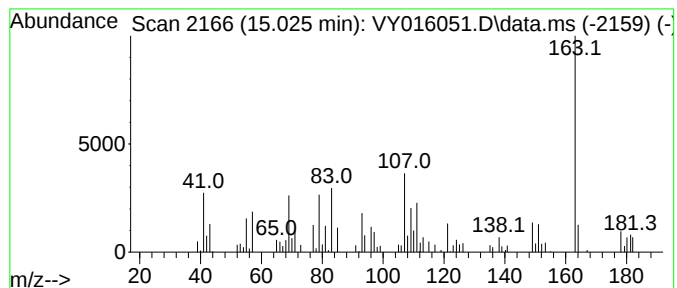
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Quant Title : SW846 8260

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

Peak Number 7 1,3,4-Trimethyladamantane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.025	9.49 ug/l	26612	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,4-Trimethyladamantane	178	C13H22	1000214-98-3	70
2			1,3,5-Trimethyladamantane	178	C13H22	000707-35-7	58
3			2-Propenal, 3-(2,6,6-trimethyl-1...	178	C12H18O	004951-40-0	53
4			benzoxazole, 7-methoxy-2-methyl-	163	C9H9NO2	1000404-43-8	49
5			Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016051.D
Acq On : 19 Oct 2023 20:40
Operator : SY/MD
Sample : 04843-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

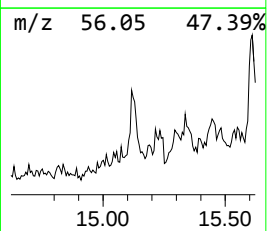
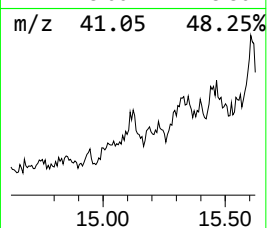
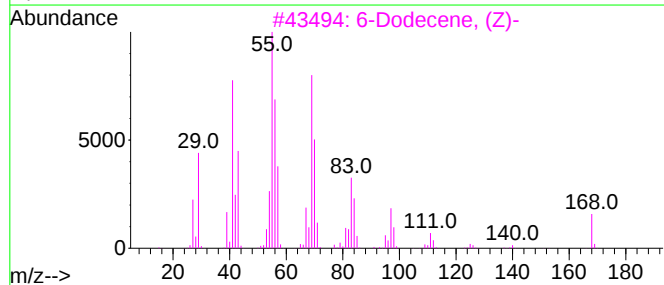
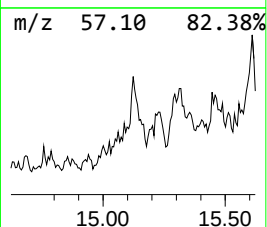
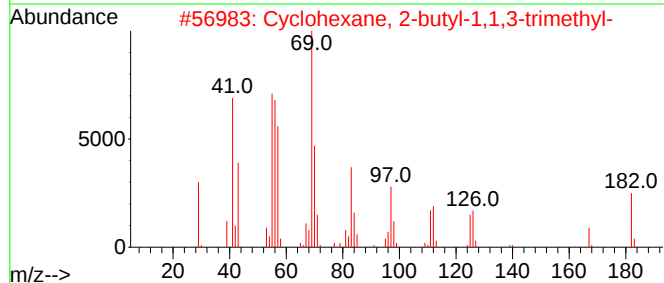
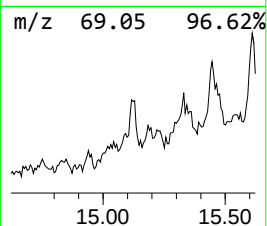
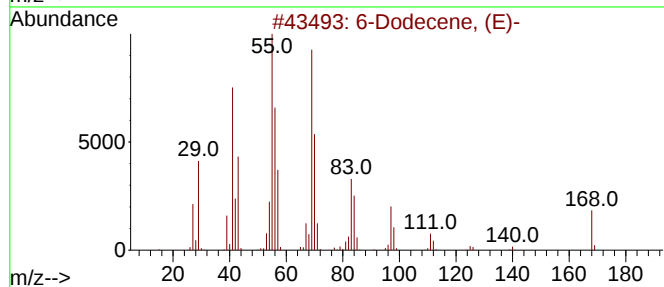
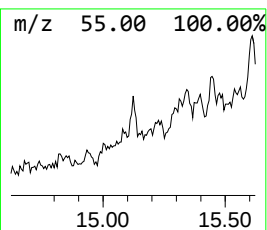
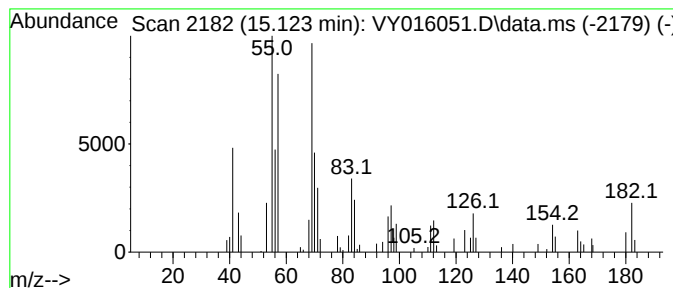
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Quant Title : SW846 8260

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

Peak Number 8 6-Dodecene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.123	9.86 ug/l	27657	1,4-Dichlorobenzene-d4	13.434

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		6-Dodecene, (E)-	168	C12H24	007206-17-9	81
2		Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	81
3		6-Dodecene, (Z)-	168	C12H24	007206-29-3	81
4		5-Undecene, (E)-	154	C11H22	000764-97-6	81
5		5-Undecene, 4-methyl-	168	C12H24	143185-91-5	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016051.D
Acq On : 19 Oct 2023 20:40
Operator : SY/MD
Sample : 04843-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

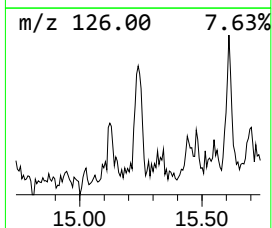
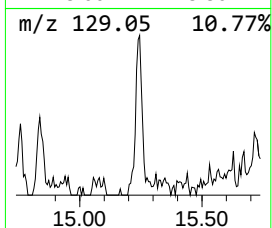
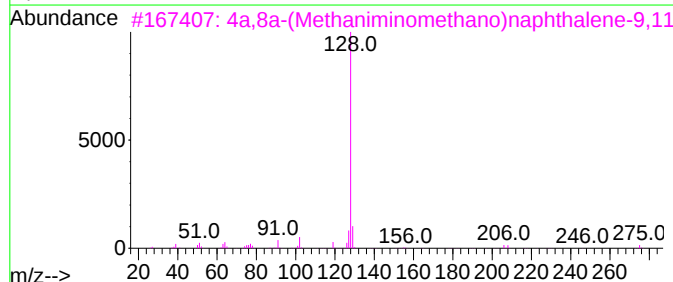
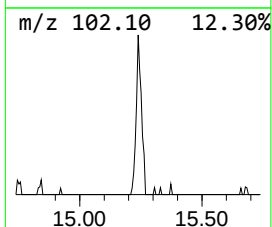
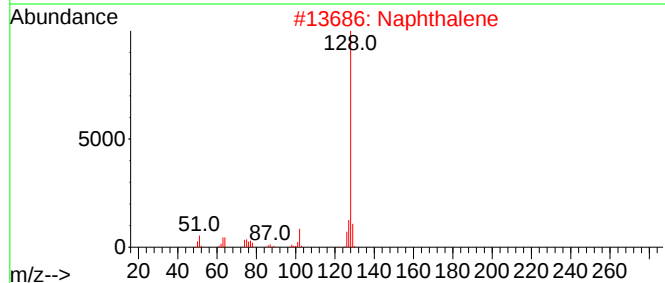
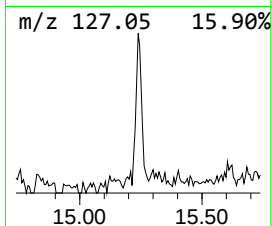
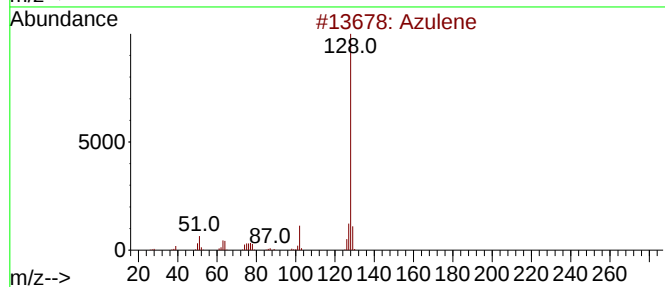
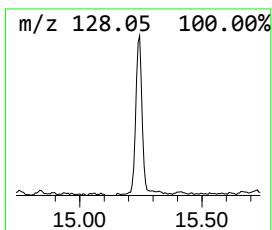
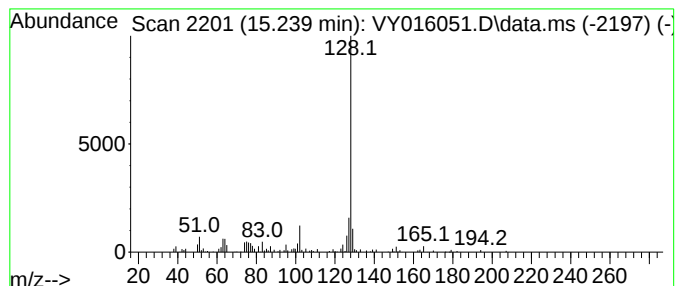
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Quant Title : SW846 8260

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

Peak Number 9 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	14.46 ug/l	40559	1,4-Dichlorobenzene-d4	13.434

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	94
2			Naphthalene	128	C10H8	000091-20-3	94
3			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	72
4			1,2-Benzenedicarbonitrile	128	C8H4N2	000091-15-6	53
5			Fluorohydroquinone	128	C6H5FO2	055660-73-6	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016051.D
Acq On : 19 Oct 2023 20:40
Operator : SY/MD
Sample : 04843-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

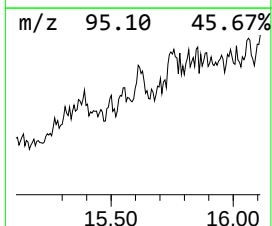
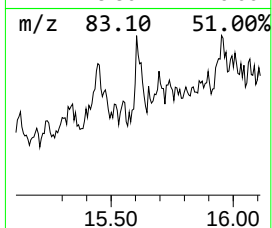
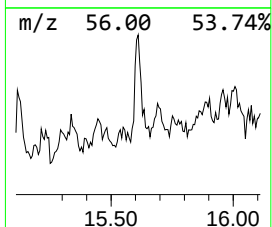
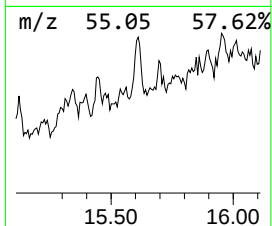
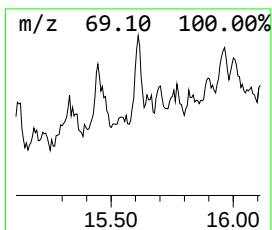
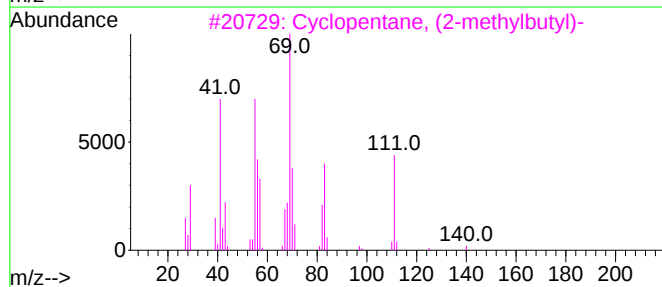
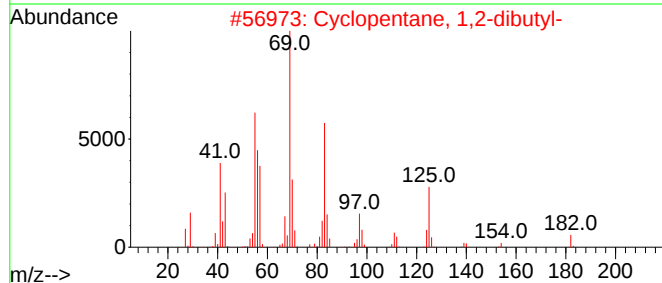
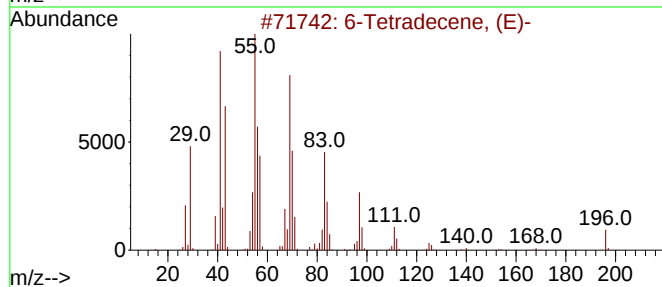
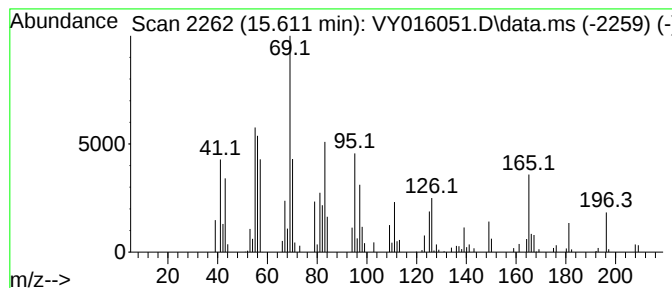
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260

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

Peak Number 10 6-Tetradecene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.611	22.51 ug/l	63151	1,4-Dichlorobenzene-d4			13.434
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	6-Tetradecene, (E)-		196	C14H28	041446-64-4	70
2	Cyclopentane, 1,2-dibutyl-		182	C13H26	062199-52-4	64
3	Cyclopentane, (2-methylbutyl)-		140	C10H20	053366-38-4	60
4	7-Tetradecene, (Z)-		196	C14H28	041446-60-0	58
5	5-Tetradecene, (E)-		196	C14H28	041446-66-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016051.D
Acq On : 19 Oct 2023 20:40
Operator : SY/MD
Sample : 04843-01
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.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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Naphthalene, 2,...	13.123	10.8	ug/l	30410	4	13.434	140251	50.0
unknown14.306	14.306	9.5	ug/l	26615	4	13.434	140251	50.0
Cycloprop[a]ind...	14.751	10.4	ug/l	29282	4	13.434	140251	50.0
unknown14.836	14.836	8.0	ug/l	22555	4	13.434	140251	50.0
unknown14.940	14.940	9.2	ug/l	25846	4	13.434	140251	50.0
1,3,4-Trimethyl...	15.025	9.5	ug/l	26612	4	13.434	140251	50.0
6-Dodecene, (E)-	15.123	9.9	ug/l	27657	4	13.434	140251	50.0
Azulene	15.239	14.5	ug/l	40559	4	13.434	140251	50.0
6-Tetradecene, ...	15.611	22.5	ug/l	63151	4	13.434	140251	50.0