

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008587.D
 Acq On : 03 May 2022 13:21
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

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\82Y050222S.M
 Title : SW846 8260

Signal : TIC: VY008587.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.716	465	475	490	rVB3	12657	41822	3.58%	0.466%
2	6.984	835	847	857	rBV	21303	75628	6.47%	0.844%
3	7.722	956	968	973	rBV	111252	271122	23.19%	3.024%
4	7.789	973	979	991	rVB	189561	420531	35.97%	4.691%
5	8.124	1021	1034	1046	rBV2	172078	574472	49.14%	6.408%
6	8.691	1118	1127	1136	rBV	292228	568644	48.64%	6.343%
7	10.179	1364	1371	1379	rVV	477428	813730	69.61%	9.077%
8	10.581	1431	1437	1443	rVB2	64936	123043	10.53%	1.372%
9	10.947	1492	1497	1505	rBV	67704	133637	11.43%	1.491%
10	11.319	1554	1558	1571	rVB2	34388	64527	5.52%	0.720%
11	11.489	1580	1586	1598	rVB	470526	767860	65.68%	8.565%
12	12.416	1715	1738	1744	rBV3	145316	889451	76.09%	9.921%
13	12.483	1744	1749	1763	rVB2	500495	1028603	87.99%	11.473%
14	12.953	1809	1826	1838	rBV	241584	1169021	100.00%	13.040%
15	13.074	1840	1846	1847	rBV3	50087	83530	7.15%	0.932%
16	13.318	1878	1886	1897	rBV5	28870	119923	10.26%	1.338%
17	13.428	1898	1904	1914	rVB	494002	789712	67.55%	8.809%
18	13.666	1934	1943	1953	rVB	90701	308957	26.43%	3.446%
19	13.788	1954	1963	1980	rVB4	29047	140302	12.00%	1.565%
20	13.965	1988	1992	1996	rBV4	16155	29575	2.53%	0.330%
21	14.263	2037	2041	2045	rBV6	12445	27298	2.34%	0.304%
22	14.446	2064	2071	2079	rVB5	18032	53366	4.57%	0.595%
23	14.544	2081	2087	2096	rVB3	21042	57616	4.93%	0.643%
24	14.672	2105	2108	2115	rBV5	13921	30487	2.61%	0.340%
25	14.867	2132	2140	2149	rBV5	22602	80514	6.89%	0.898%
26	14.946	2150	2153	2161	rVB9	13469	26634	2.28%	0.297%
27	15.050	2166	2170	2178	rVB9	16721	41001	3.51%	0.457%
28	15.214	2190	2197	2202	rBV9	10594	30590	2.62%	0.341%
29	15.312	2206	2213	2222	rVB8	19572	61041	5.22%	0.681%
30	15.409	2223	2229	2230	rBV5	7906	14740	1.26%	0.164%
31	15.733	2277	2282	2292	rVB7	16117	38398	3.28%	0.428%
32	15.903	2302	2310	2311	rBV7	6059	13825	1.18%	0.154%
33	16.031	2323	2331	2338	rBV6	12183	27160	2.32%	0.303%
34	16.226	2356	2363	2371	rBV6	10634	24356	2.08%	0.272%
35	16.488	2399	2406	2412	rBV9	8659	24094	2.06%	0.269%

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Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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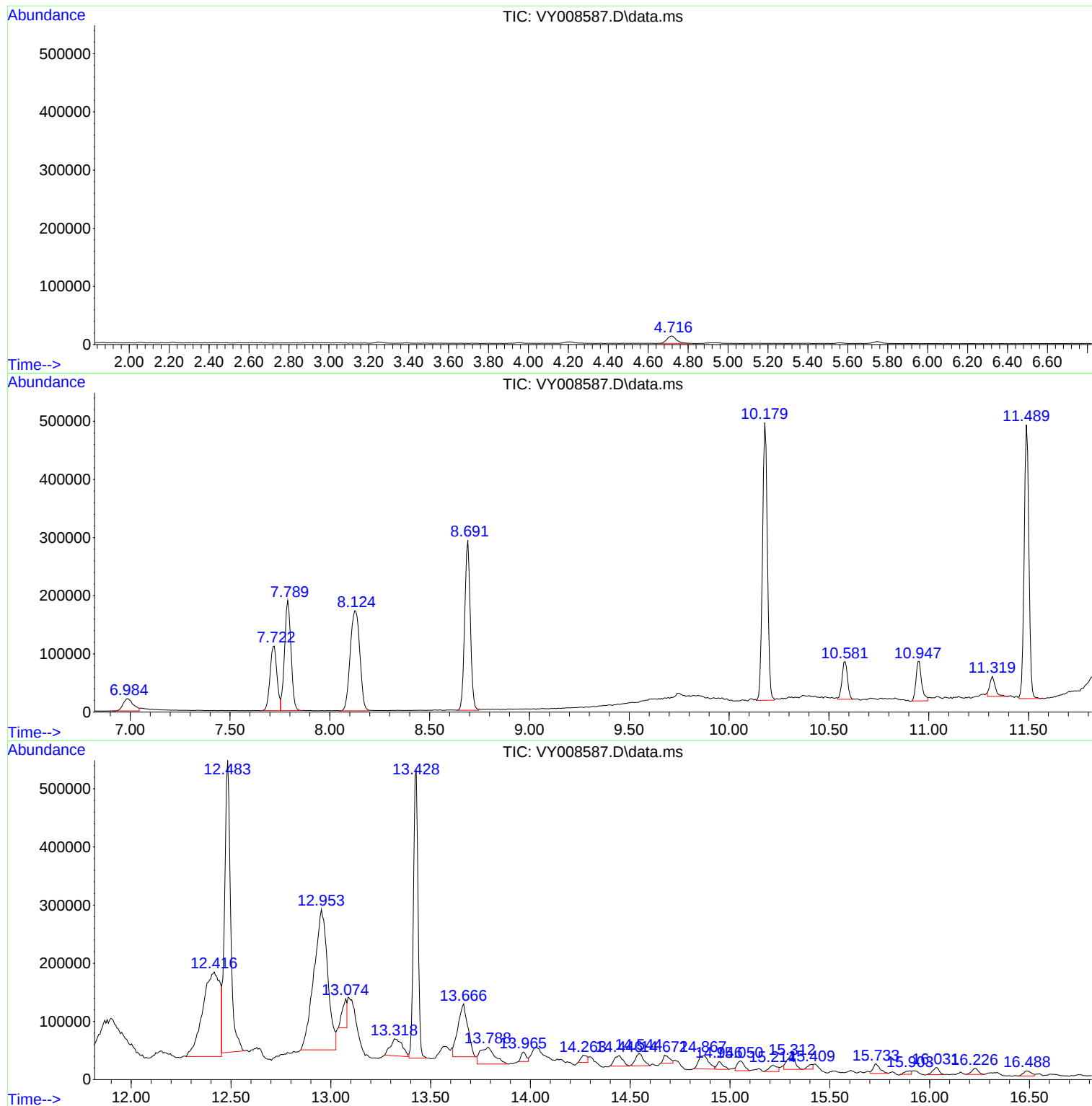
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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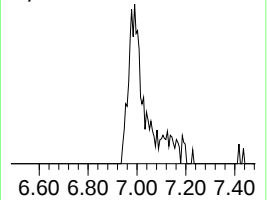
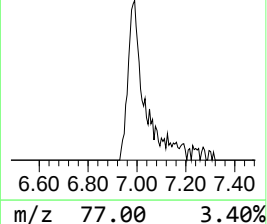
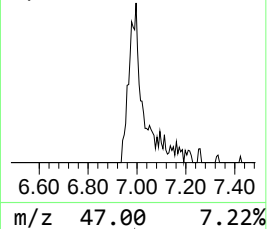
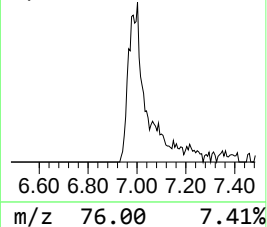
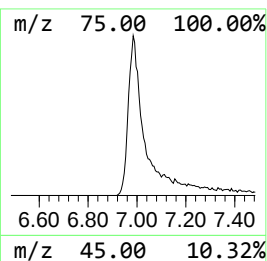
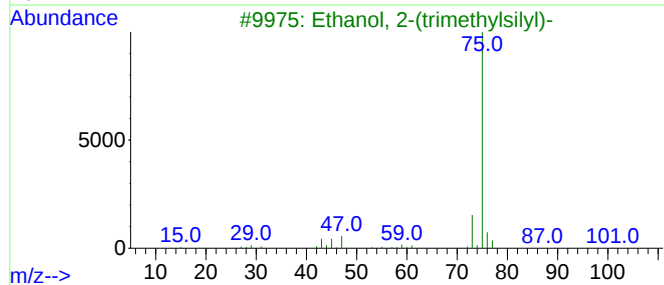
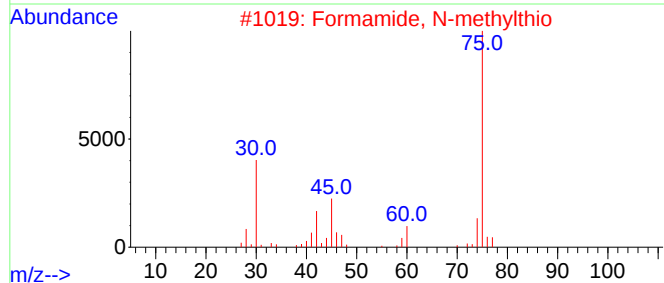
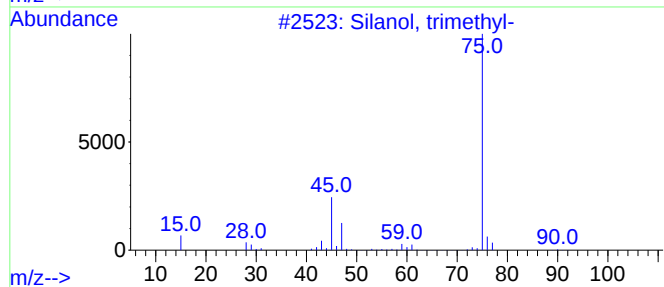
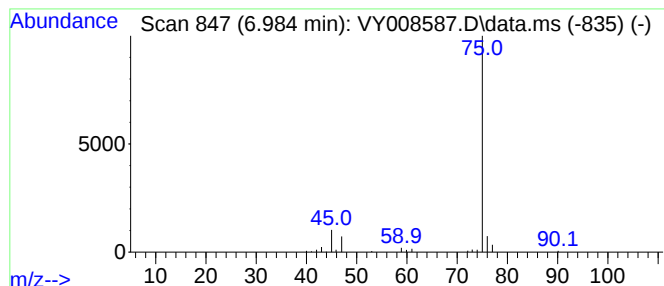
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Silanol, trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.984	8.99 ug/l	75628	Pentafluorobenzene	7.789

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silanol, trimethyl-	90	C3H10OSi	001066-40-6	83
2			Formamide, N-methylthio	75	C2H5NS	018952-41-5	64
3			Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	40
4			Silanol, dimethyl(1,1,2-trimethy...	160	C8H20OSi	055644-10-5	9
5			Ethanethioamide	75	C2H5NS	000062-55-5	5



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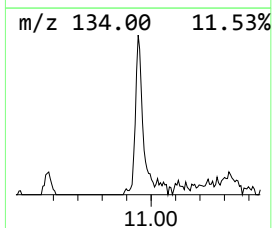
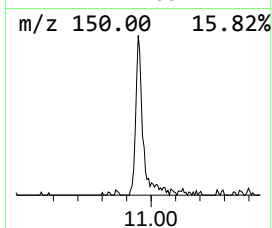
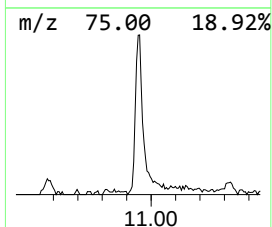
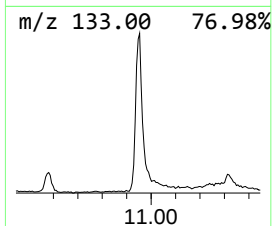
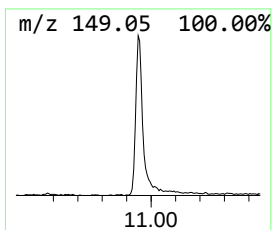
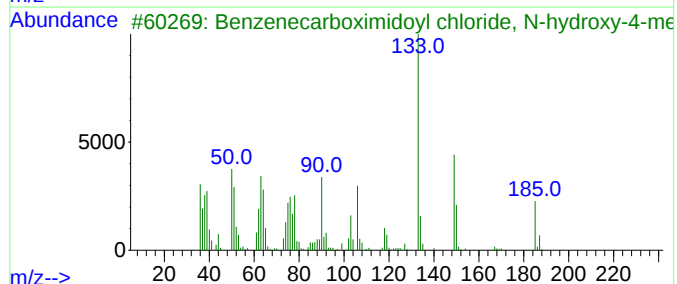
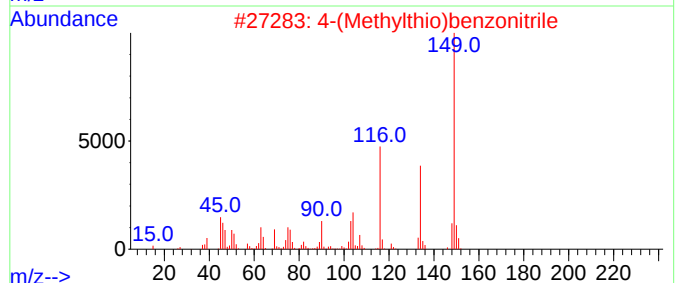
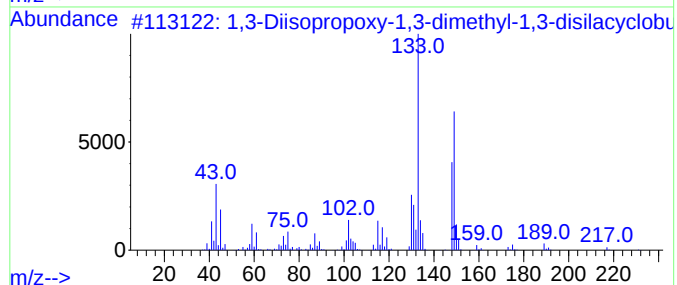
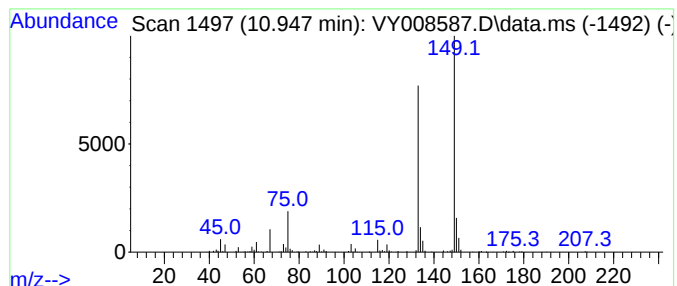
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown10.947 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.947	8.70 ug/l	133637	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Diisopropoxy-1,3-dimethyl-1,...	232	C10H24O2Si2	198066-66-9	36
2			4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	32
3			Benzenecarboximidoyl chloride, N...	185	C8H8ClNO2	1000362-64-9	25
4			4-Ethylbenzoic acid, ethyl ester	178	C11H14O2	036207-13-3	25
5			Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	23



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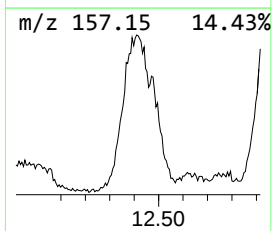
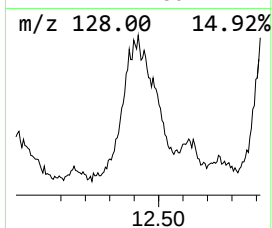
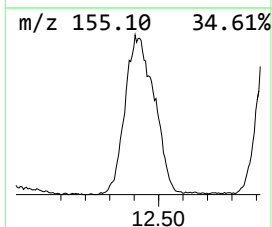
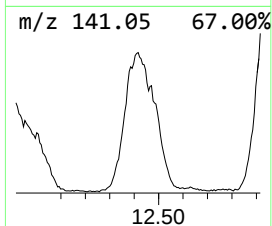
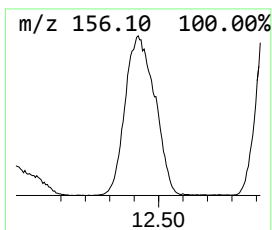
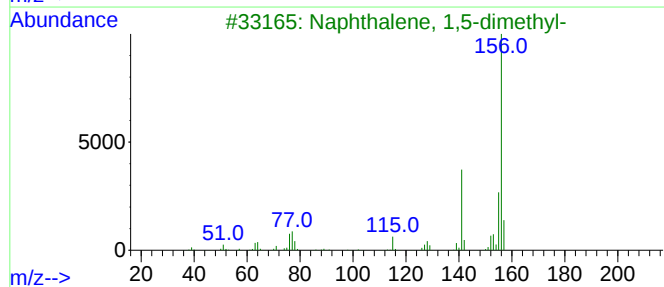
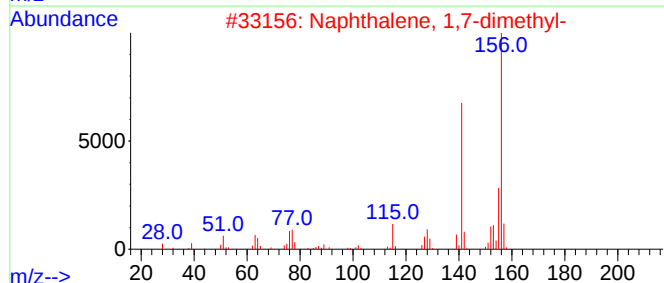
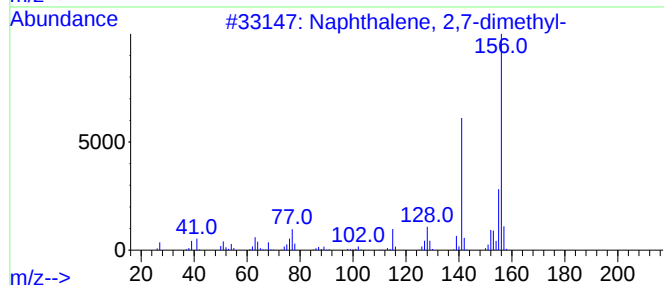
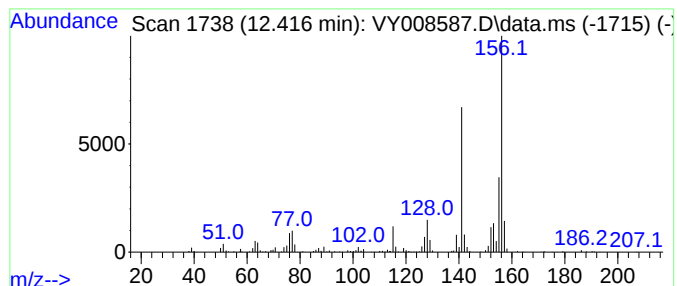
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.416	57.92 ug/l	889451	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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



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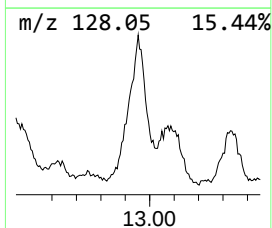
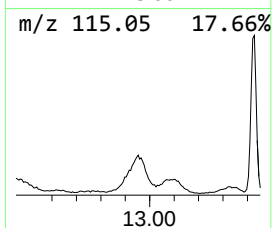
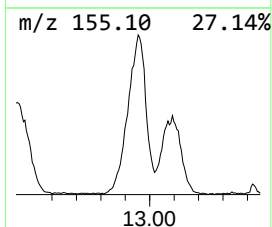
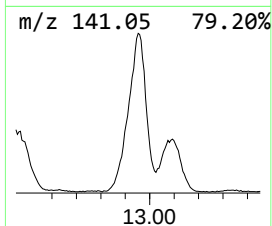
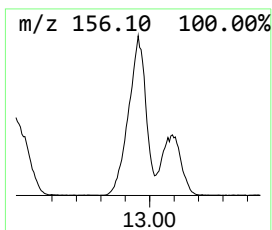
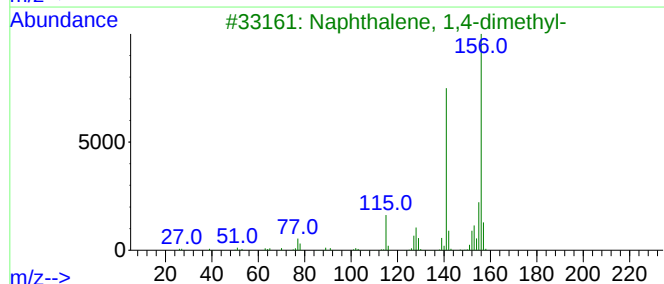
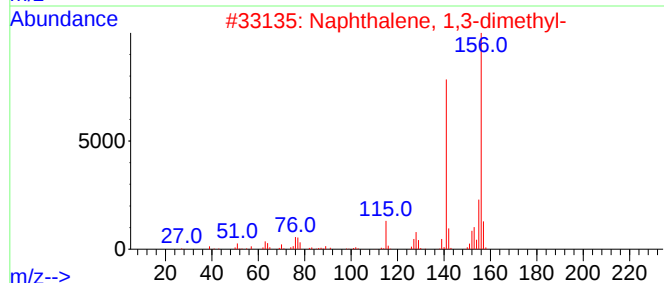
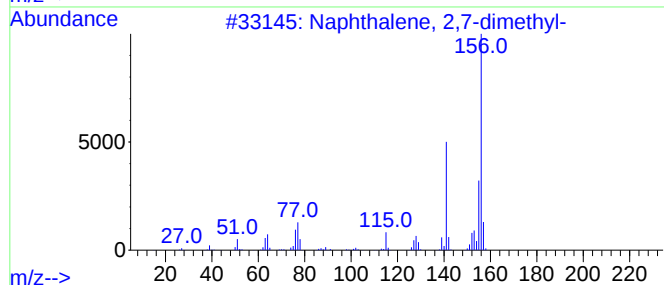
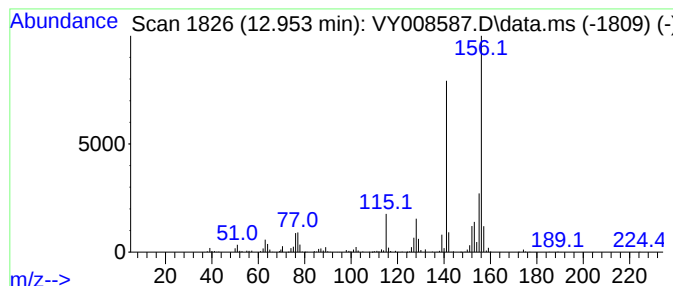
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.953	74.02 ug/l	1169020	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97



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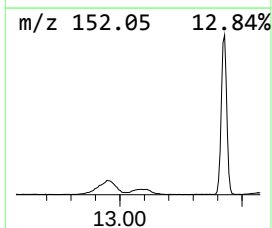
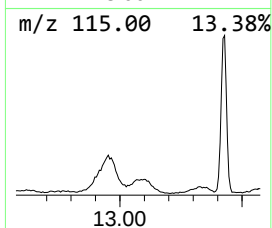
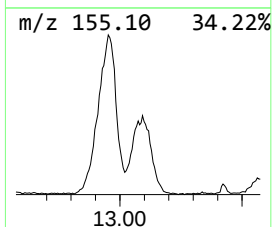
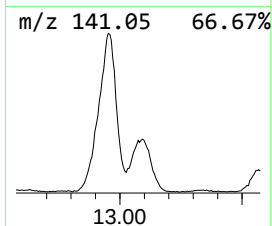
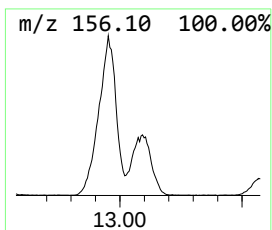
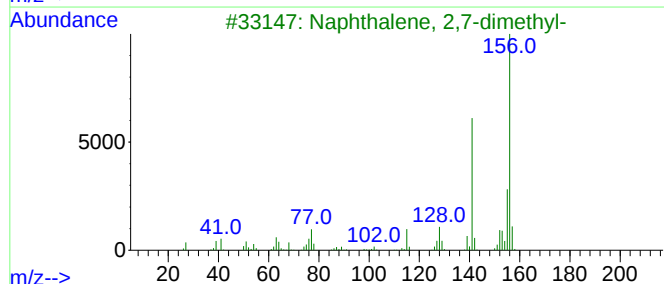
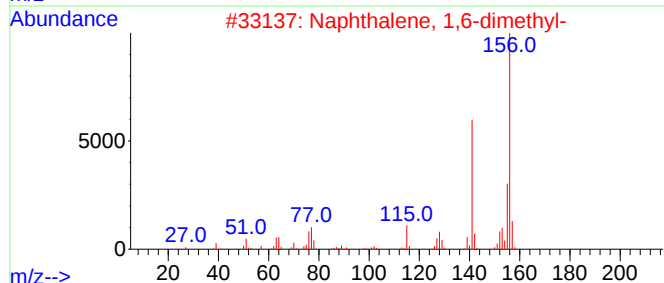
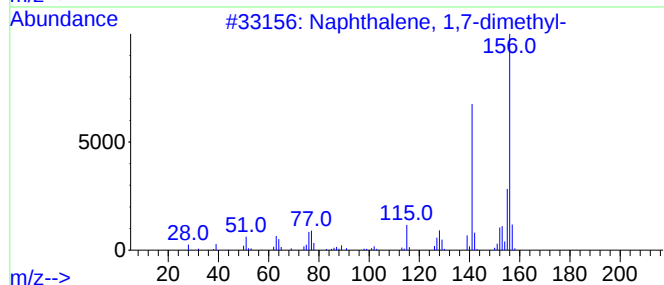
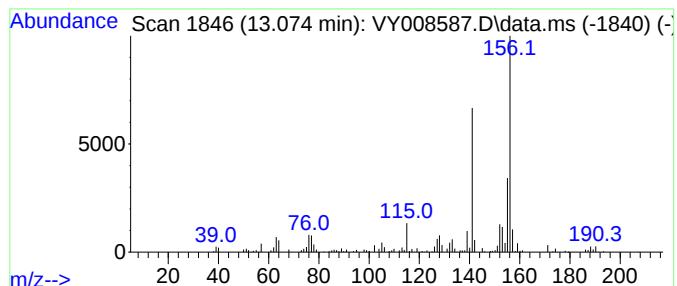
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Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.075	5.29 ug/l	83530	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
Data File : VY008587.D
Acq On : 03 May 2022 13:21
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

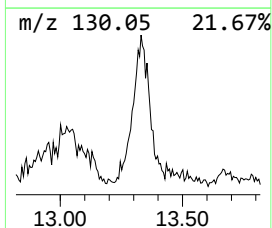
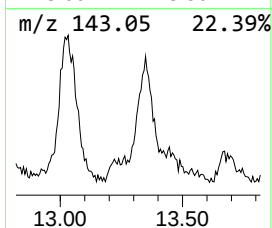
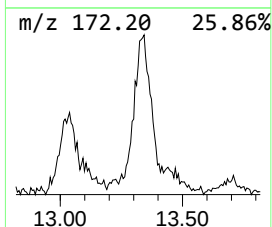
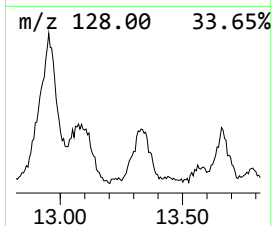
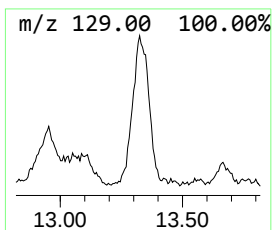
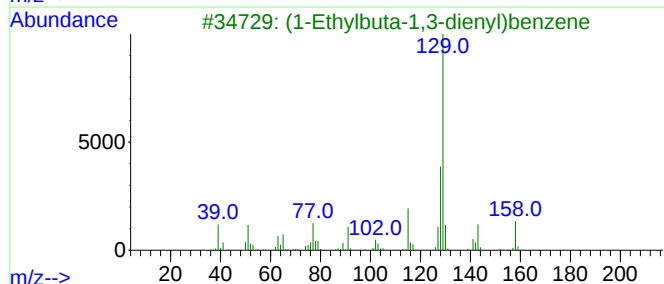
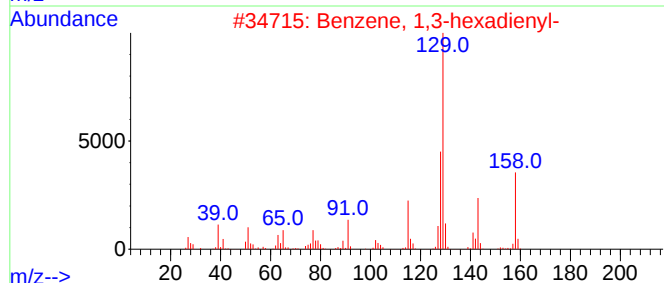
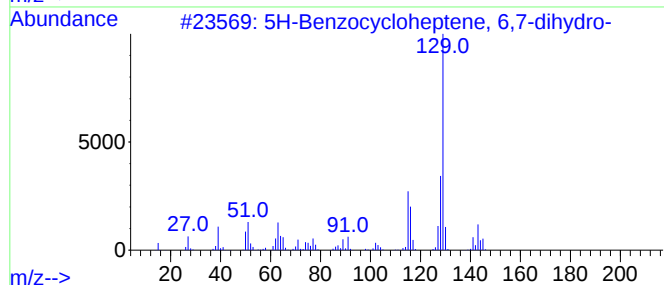
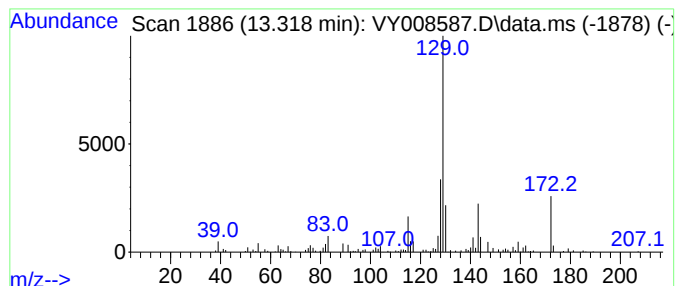
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Quant Title : SW846 8260

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

Peak Number 7 5H-Benzocycloheptene, 6,7-d... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.318	7.59 ug/l	119923	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Benzocycloheptene, 6,7-dihydro-	144	C11H12	007125-62-4	50
2			Benzene, 1,3-hexadienyl-	158	C12H14	041635-77-2	40
3			(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	40
4			1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	40
5			Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
Data File : VY008587.D
Acq On : 03 May 2022 13:21
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

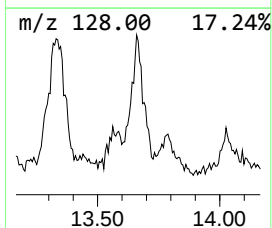
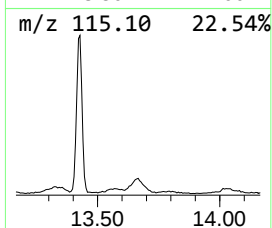
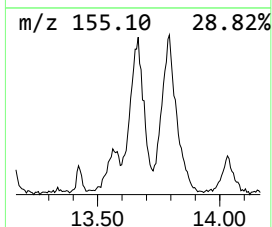
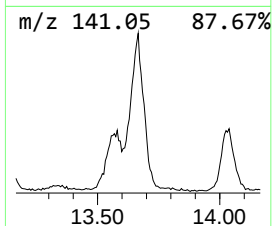
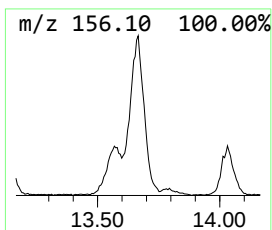
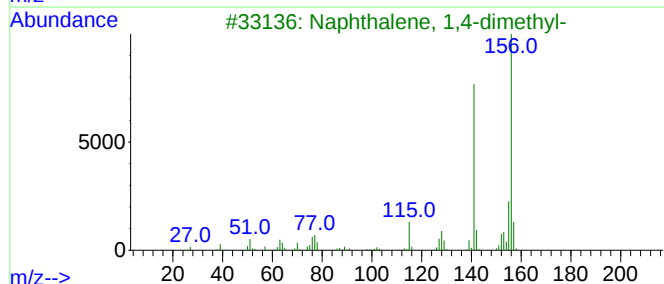
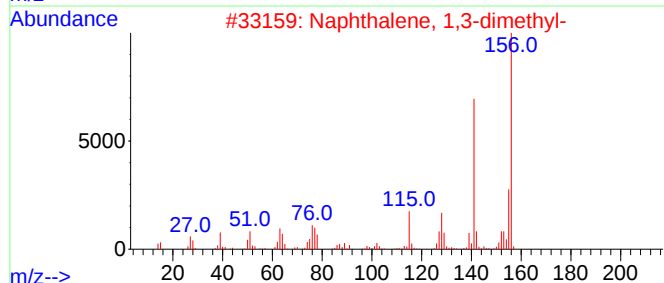
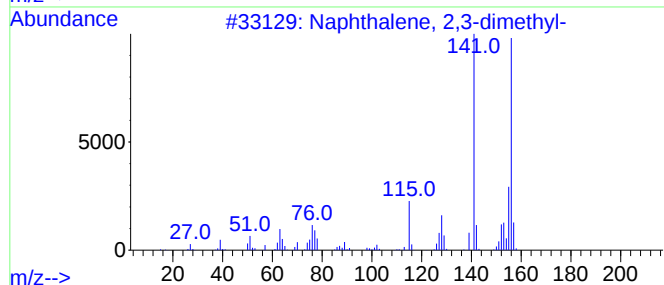
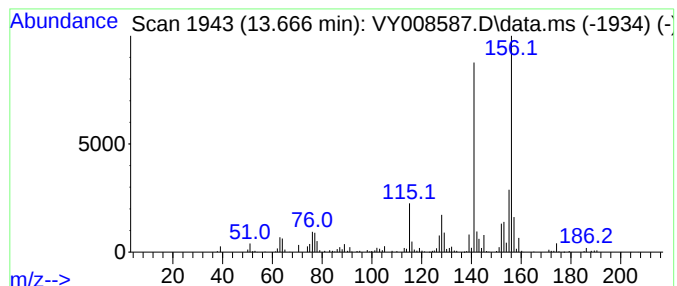
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Quant Title : SW846 8260

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.666	19.56 ug/l	308957	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, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
Data File : VY008587.D
Acq On : 03 May 2022 13:21
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

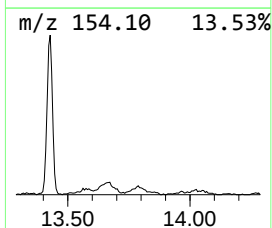
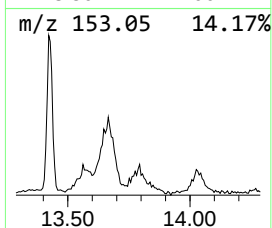
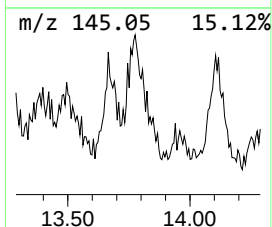
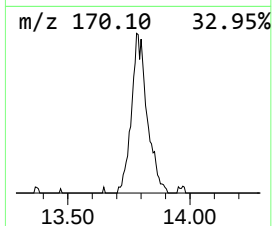
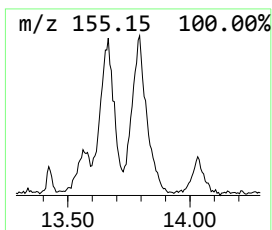
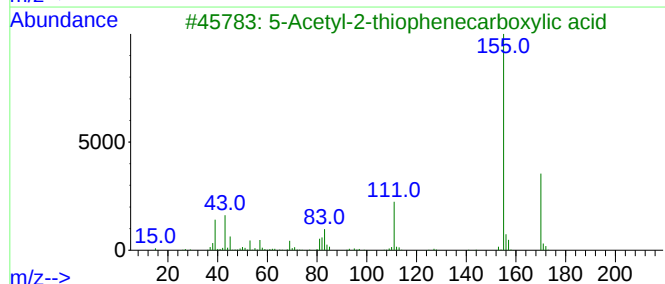
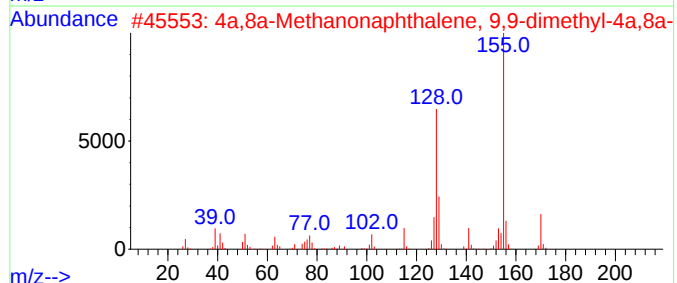
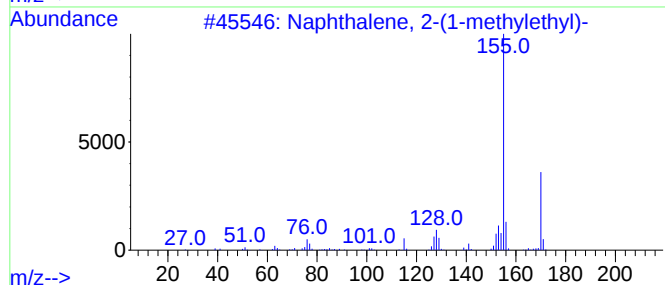
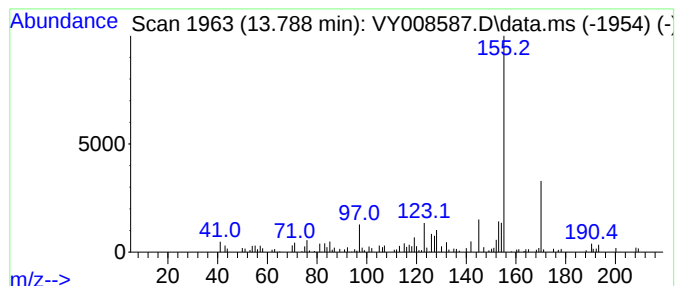
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 2-(1-methyleth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.788	8.88 ug/l	140302	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	64
2			4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	53
3			5-Acetyl-2-thiophenecarboxylic acid	170	C7H6O3S	004066-41-5	47
4			1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	43
5			Pyridine, 2-phenyl-	155	C11H9N	001008-89-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
Data File : VY008587.D
Acq On : 03 May 2022 13:21
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

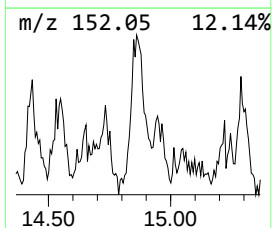
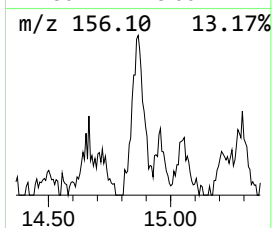
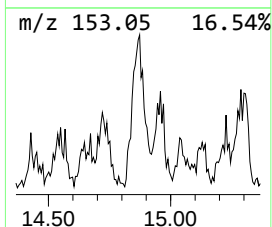
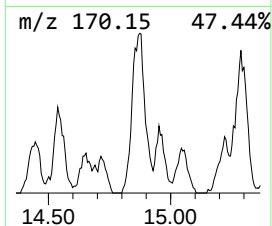
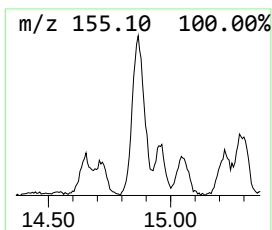
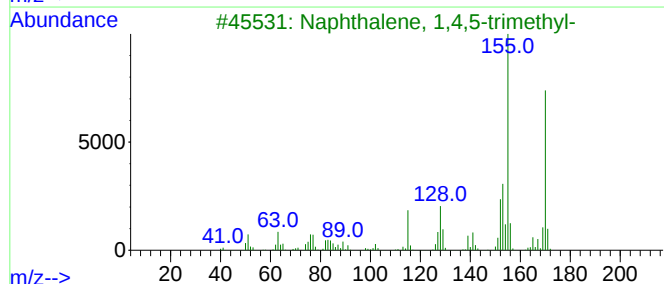
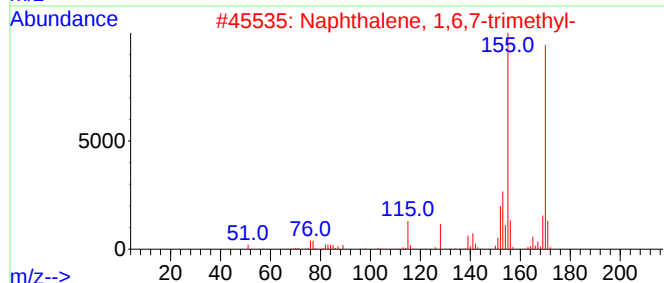
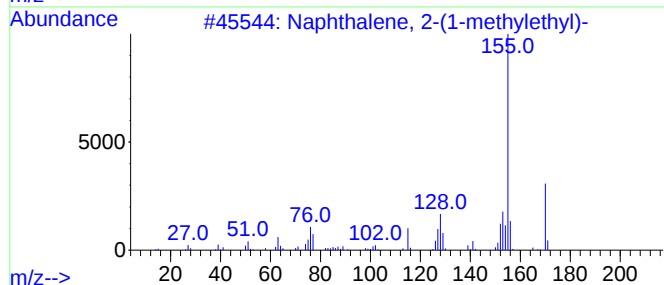
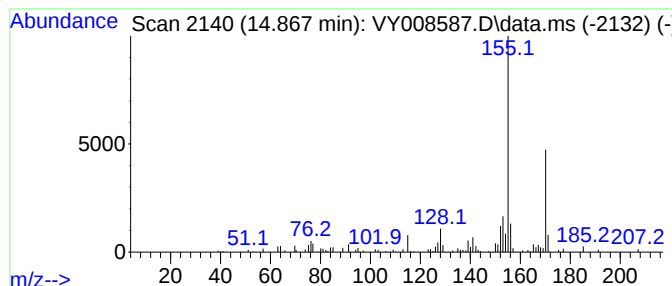
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.867	5.10 ug/l	80514	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	94
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
4			Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
Data File : VY008587.D
Acq On : 03 May 2022 13:21
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.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
Silanol, trimet...	6.984	9.0	ug/l	75628	1	7.789	420531	50.0
unknown10.947	10.947	8.7	ug/l	133637	3	11.489	767860	50.0
Naphthalene, 2,...	12.416	57.9	ug/l	889451	3	11.489	767860	50.0
Naphthalene, 1,...	12.953	74.0	ug/l	1169020	4	13.428	789712	50.0
Naphthalene, 1,...	13.075	5.3	ug/l	83530	4	13.428	789712	50.0
5H-Benzocyclohe...	13.318	7.6	ug/l	119923	4	13.428	789712	50.0
Naphthalene, 2,...	13.666	19.6	ug/l	308957	4	13.428	789712	50.0
Naphthalene, 2-...	13.788	8.9	ug/l	140302	4	13.428	789712	50.0
Naphthalene, 1,...	14.867	5.1	ug/l	80514	4	13.428	789712	50.0