

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008144.D
 Acq On : 31 Mar 2022 17:29
 Operator : SY/MD
 Sample : N2195-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1-1-5FT

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\82Y032522S.M
 Title : SW846 8260

Signal : TIC: VY008144.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.948	339	349	362	rBV2	12680	35441	2.01%	0.314%
2	7.716	958	967	973	rBV2	117180	280598	15.92%	2.489%
3	7.789	973	979	991	rVB	201921	450721	25.57%	3.998%
4	8.143	1026	1037	1048	rBV	99760	223831	12.70%	1.985%
5	8.691	1118	1127	1135	rBV	293056	577358	32.75%	5.121%
6	10.179	1364	1371	1380	rBV	472702	815298	46.25%	7.232%
7	11.490	1579	1586	1595	rVB	445446	719884	40.84%	6.385%
8	11.898	1633	1653	1657	rBV	160639	826970	46.91%	7.335%
9	12.410	1718	1737	1738	rBV2	211994	749487	42.52%	6.648%
10	12.483	1744	1749	1773	rVB4	576934	1544643	87.62%	13.701%
11	12.965	1811	1828	1839	rBV	378626	1762871	100.00%	15.637%
12	13.093	1841	1849	1850	rBV	110215	223703	12.69%	1.984%
13	13.428	1897	1904	1913	rVB	482714	758556	43.03%	6.728%
14	13.575	1918	1928	1935	rBV2	52361	205503	11.66%	1.823%
15	13.666	1935	1943	1954	rVB2	106309	383639	21.76%	3.403%
16	13.971	1988	1993	1995	rBV3	13374	23520	1.33%	0.209%
17	14.032	1995	2003	2023	rVB3	59615	248353	14.09%	2.203%
18	14.300	2036	2047	2058	rVB7	20626	94417	5.36%	0.837%
19	14.739	2105	2119	2130	rVV	115013	370513	21.02%	3.286%
20	14.837	2130	2135	2148	rVV3	23356	77805	4.41%	0.690%
21	14.946	2150	2153	2161	rVB8	12191	24285	1.38%	0.215%
22	15.239	2192	2201	2208	rBV	105923	199645	11.32%	1.771%
23	15.836	2293	2299	2304	rBV4	8960	18019	1.02%	0.160%
24	16.105	2337	2343	2348	rVV7	7222	17632	1.00%	0.156%
25	16.294	2367	2374	2384	rVB	133544	272730	15.47%	2.419%
26	16.489	2399	2406	2418	rVB	168439	368490	20.90%	3.269%

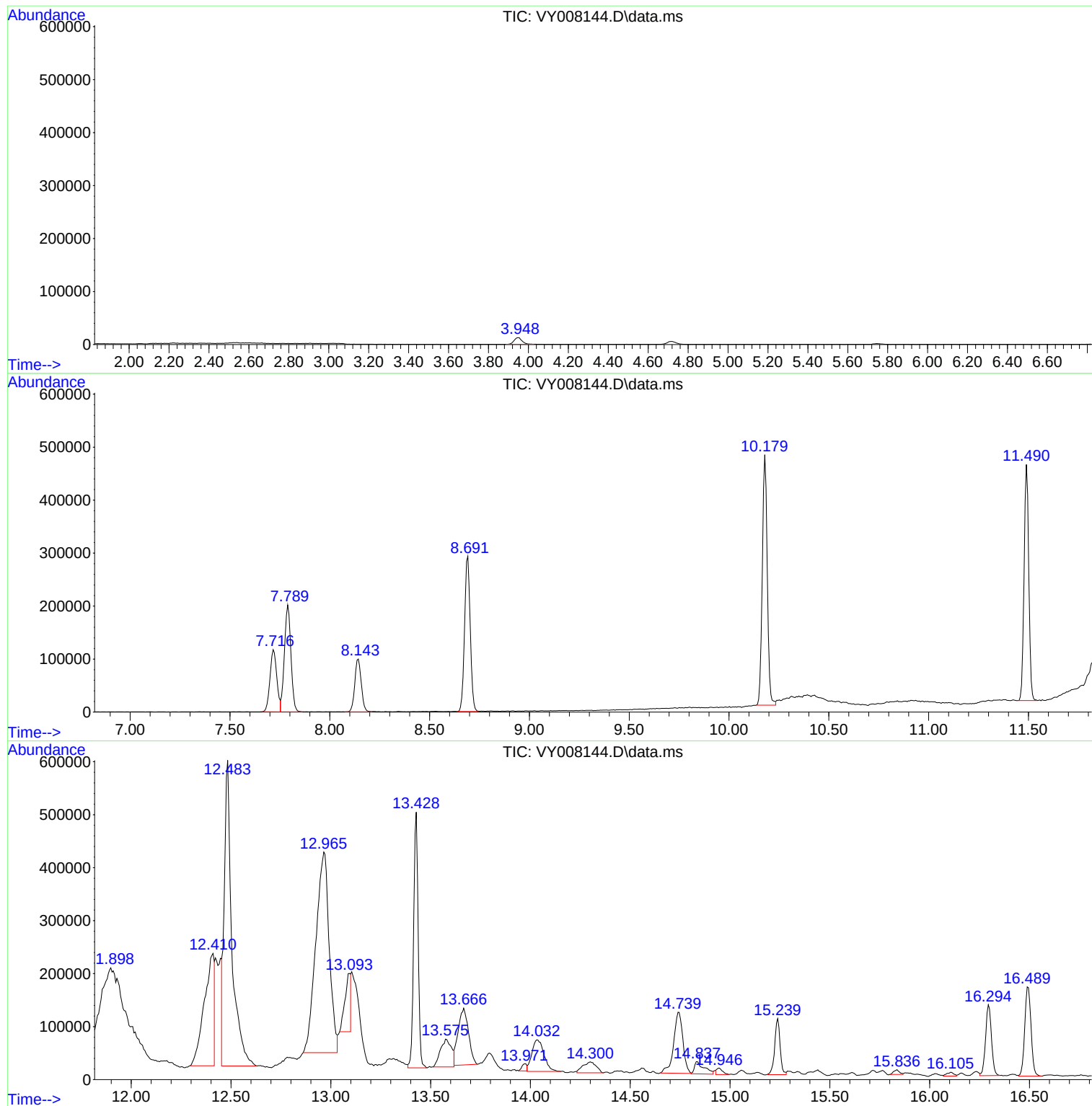
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Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

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



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ClientSampleId :
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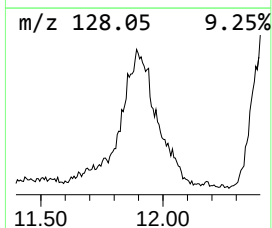
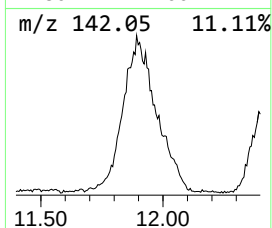
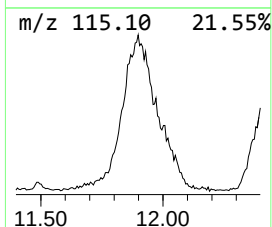
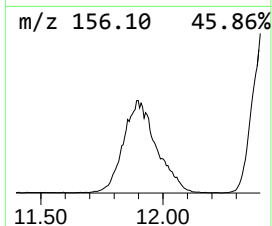
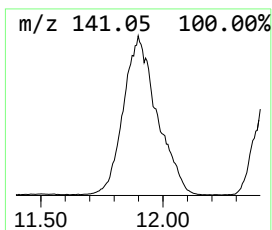
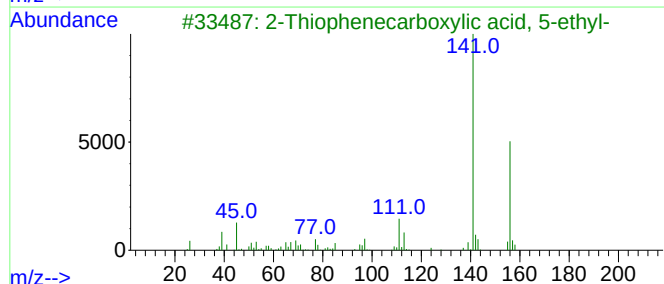
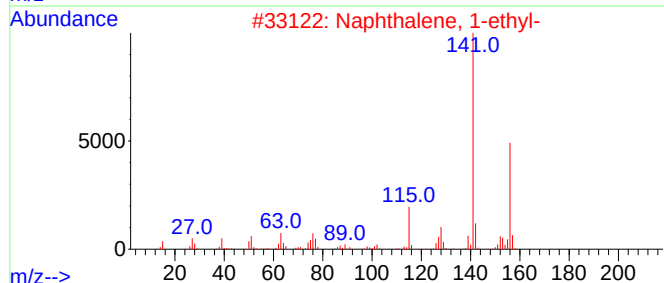
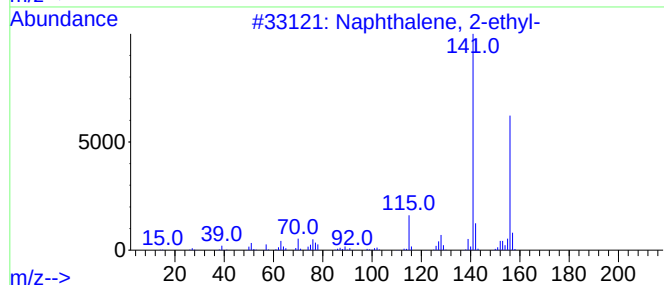
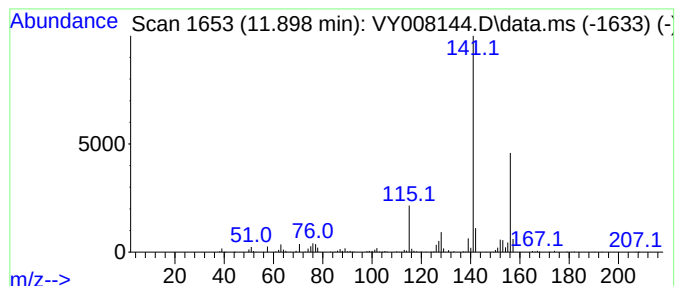
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	57.44 ug/l	826970	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3			2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59
4			5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	52



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TP-1-1-5FT

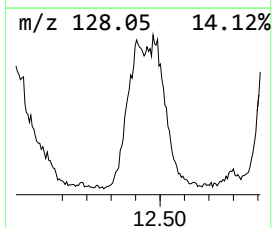
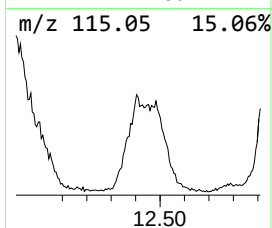
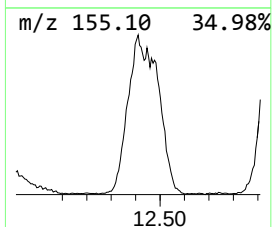
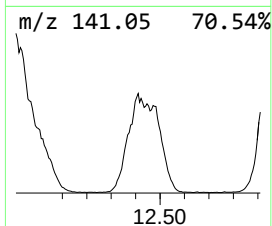
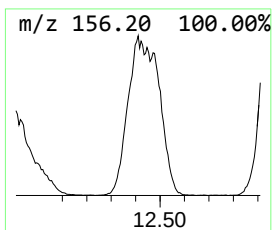
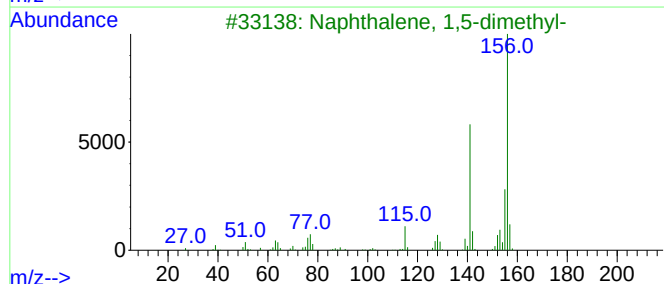
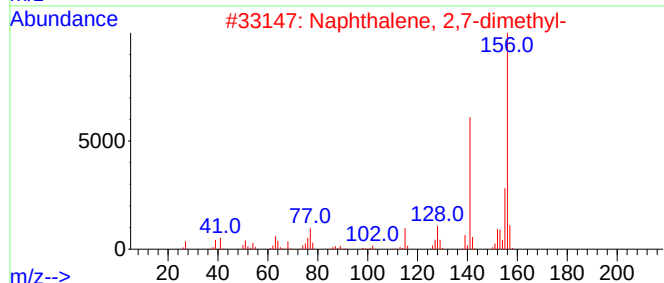
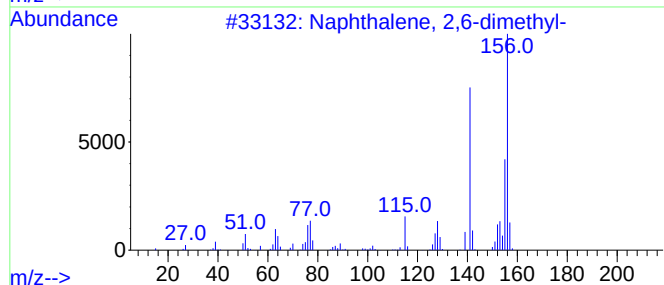
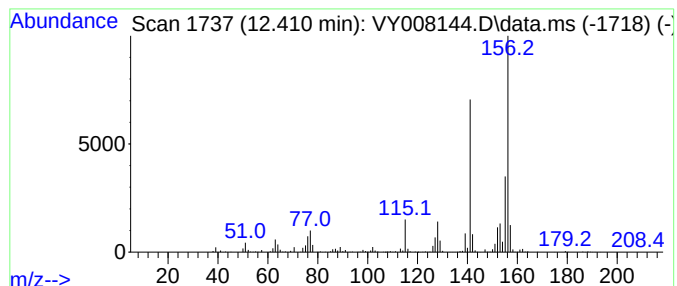
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	52.06 ug/l	749487	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

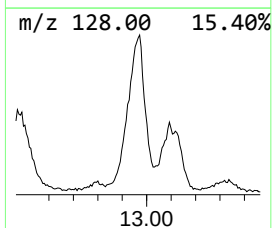
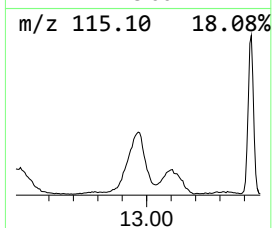
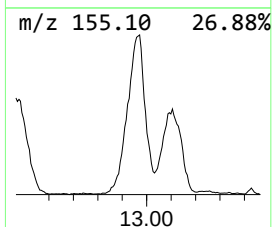
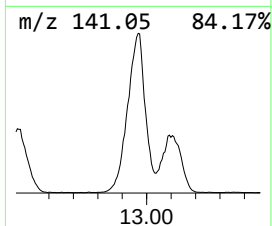
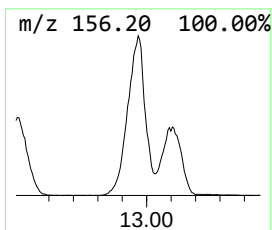
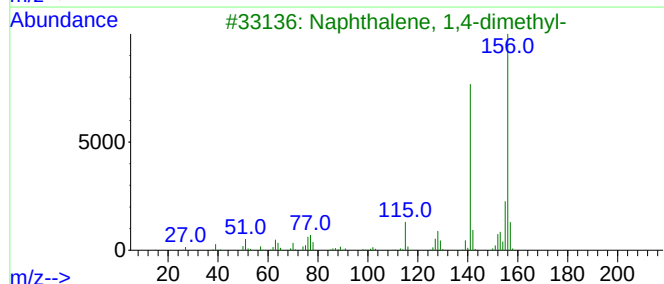
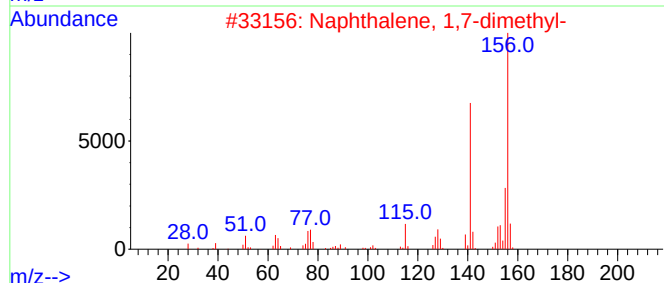
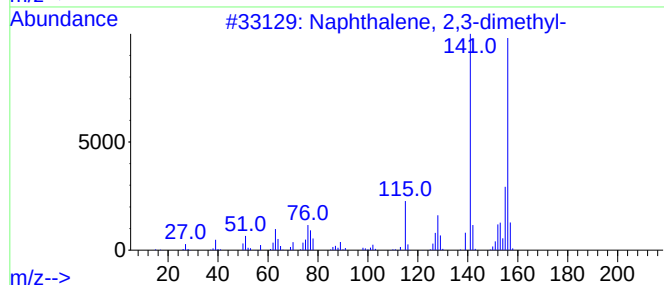
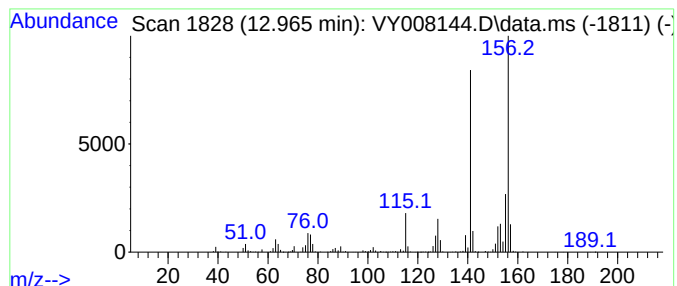
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.965	116.20 ug/l	1762870	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	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

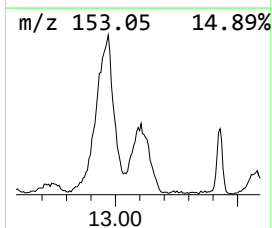
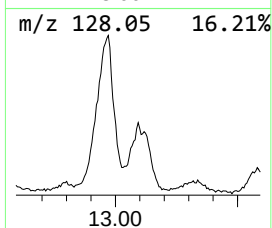
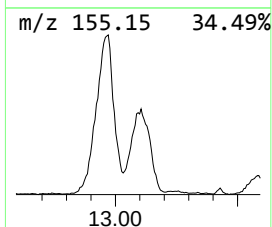
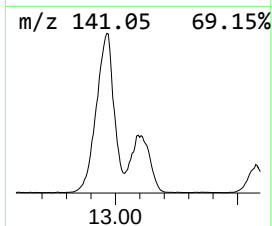
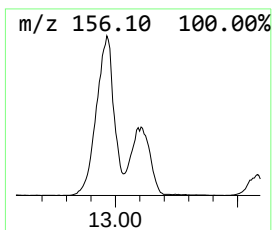
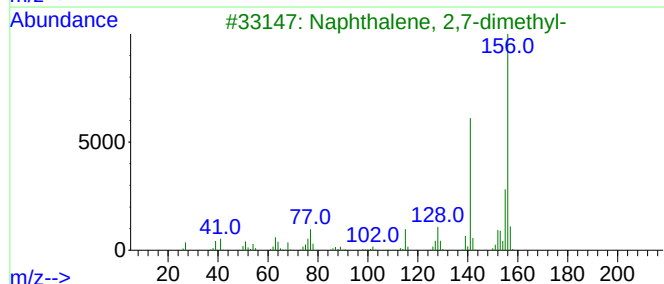
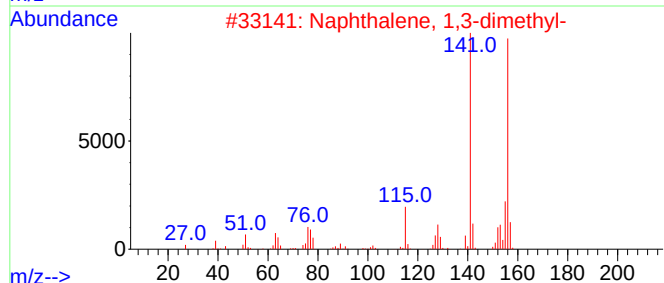
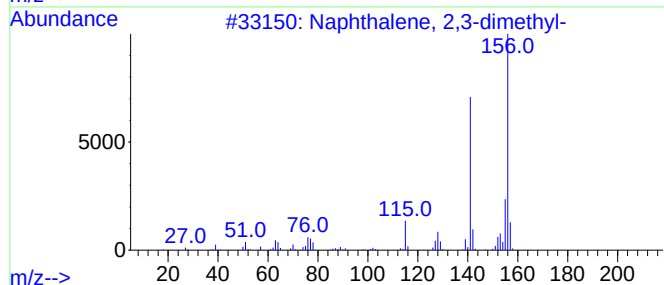
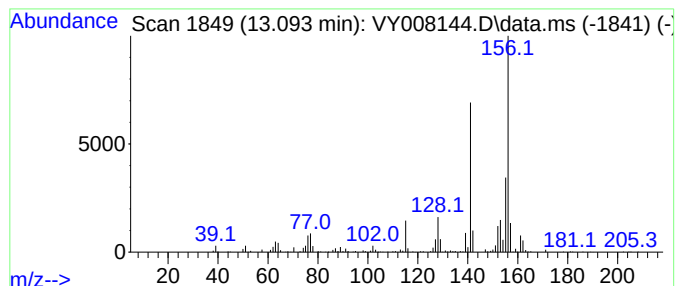
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.093	14.75 ug/l	223703	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, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

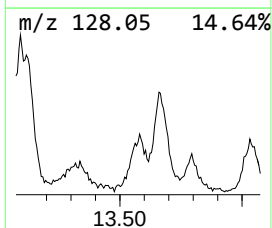
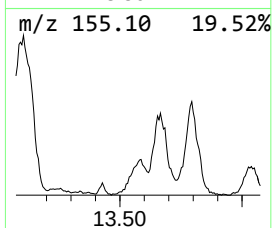
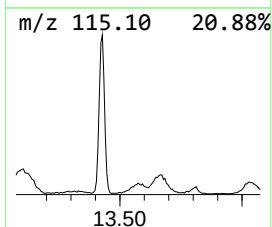
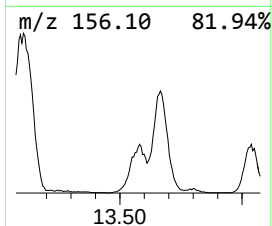
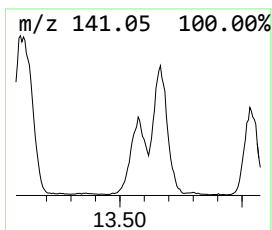
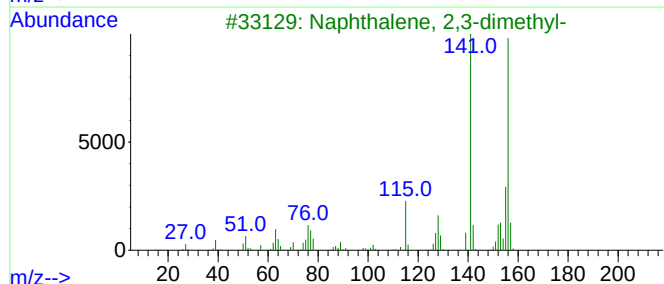
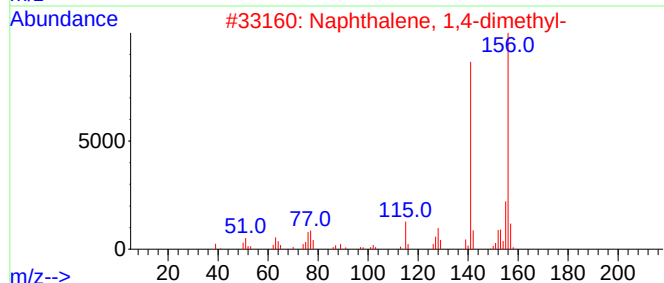
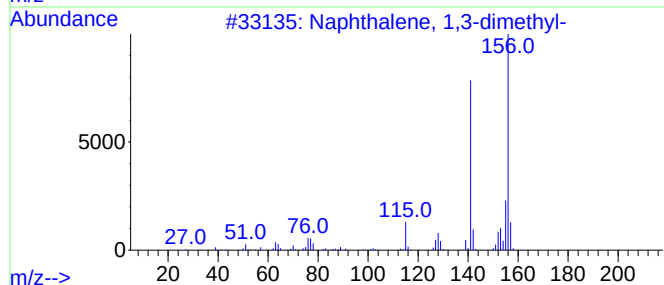
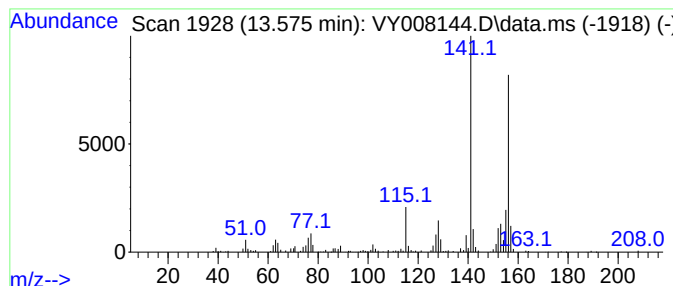
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

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

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.575	13.55 ug/l	205503	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



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MSVOA_Y
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TP-1-1-5FT

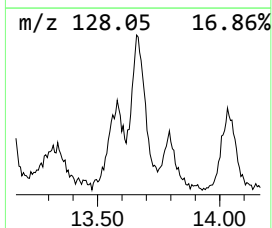
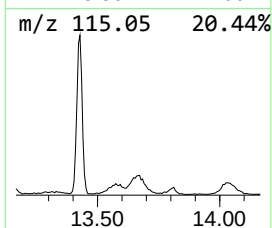
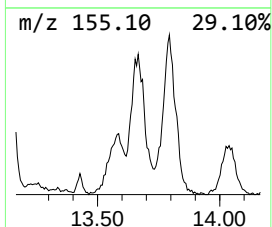
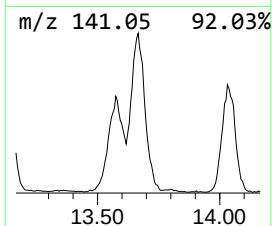
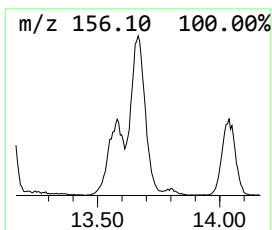
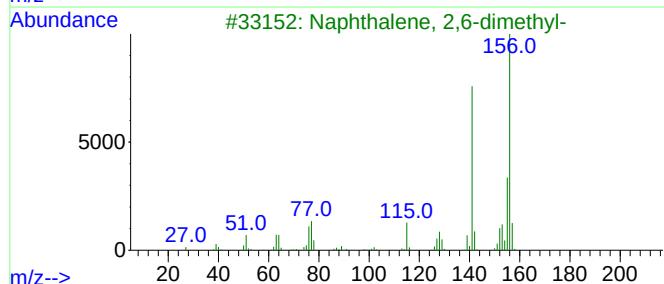
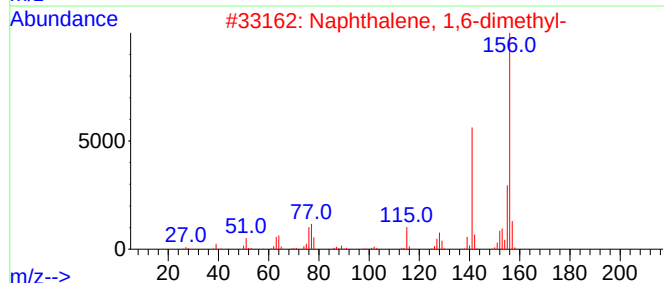
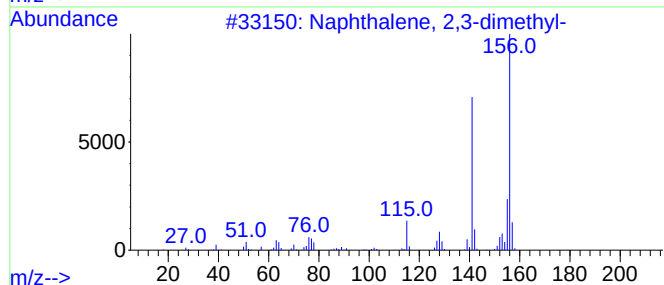
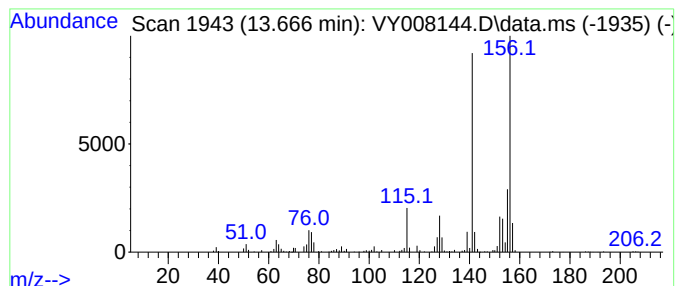
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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.666	25.29 ug/l	383639	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, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
Data File : VY008144.D
Acq On : 31 Mar 2022 17:29
Operator : SY/MD
Sample : N2195-01
Misc : 5.02g/5.0mL/MSVOA_Y/soil
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

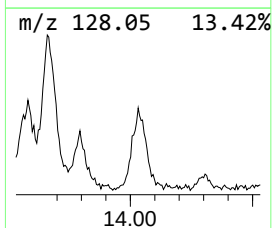
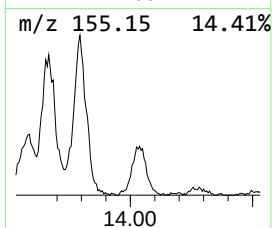
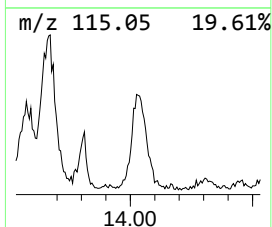
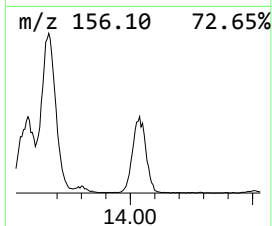
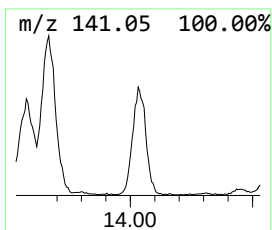
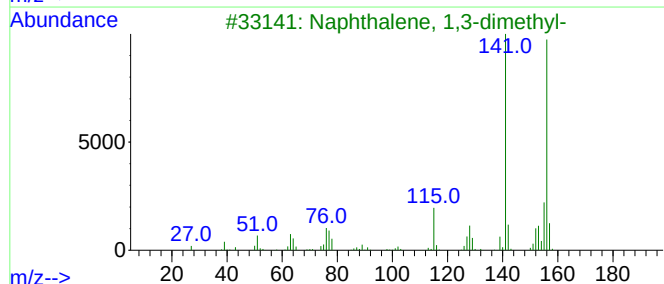
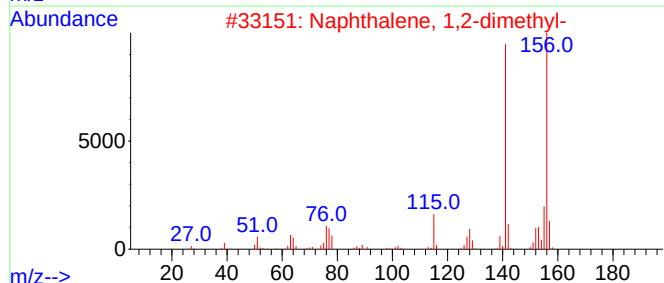
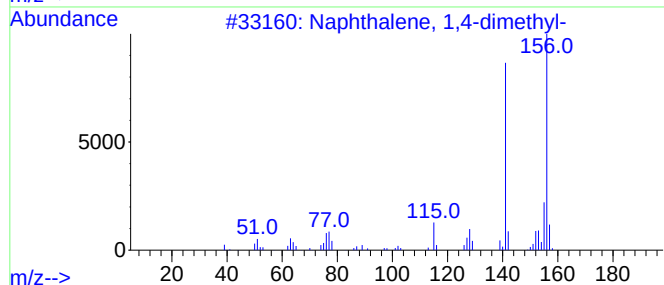
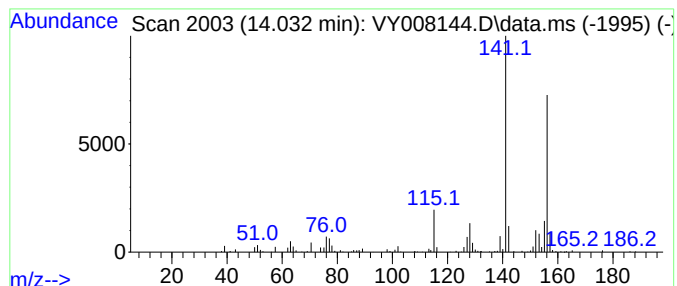
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.032	16.37 ug/l	248353	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
Data File : VY008144.D
Acq On : 31 Mar 2022 17:29
Operator : SY/MD
Sample : N2195-01
Misc : 5.02g/5.0mL/MSVOA_Y/soil
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

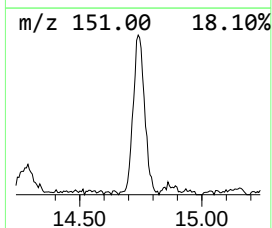
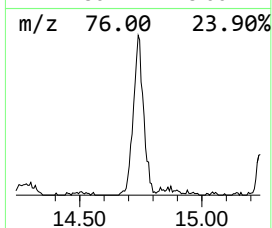
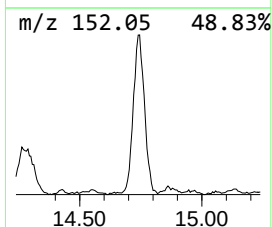
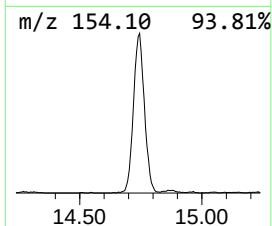
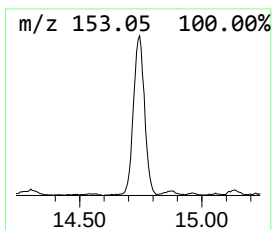
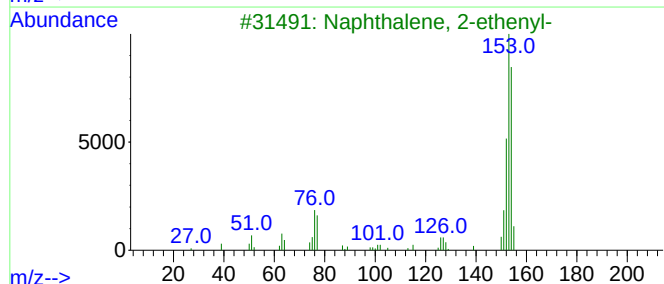
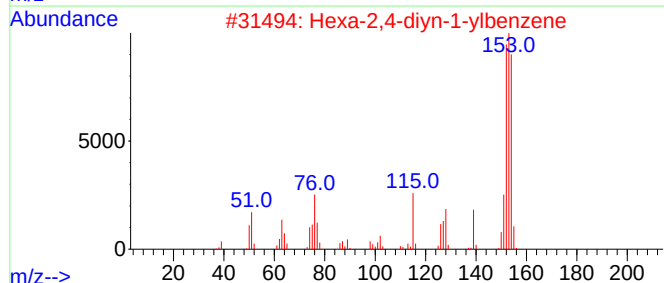
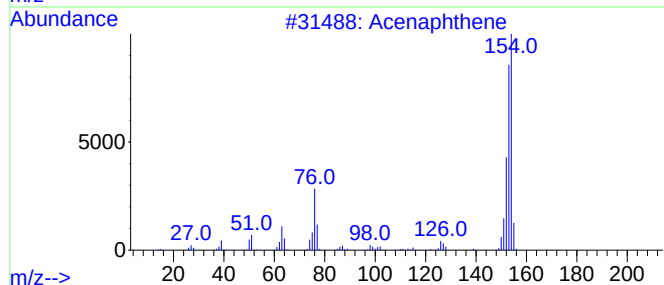
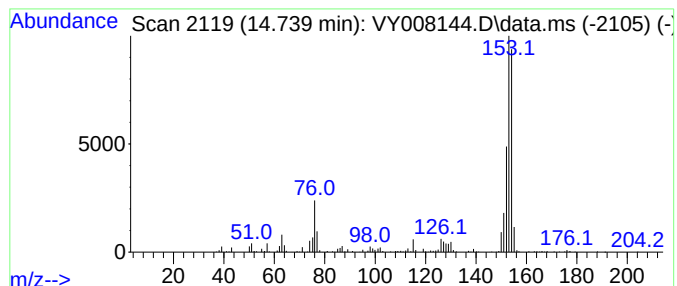
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexa-2,4-diyn-1-ylbenzene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.739	24.42 ug/l	370513	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acenaphthene	154	C12H10	000083-32-9	94
2			Hexa-2,4-diyn-1-ylbenzene	154	C12H10	000520-74-1	68
3			Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	64
4			1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	53
5			Benzene, (2,4-cyclopentadien-1-y...	154	C12H10	007338-50-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
Data File : VY008144.D
Acq On : 31 Mar 2022 17:29
Operator : SY/MD
Sample : N2195-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

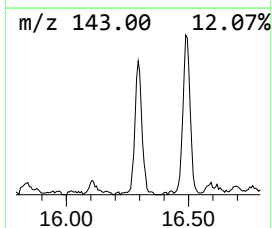
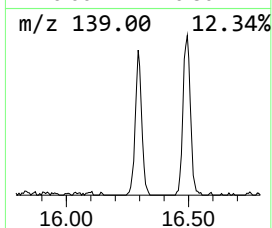
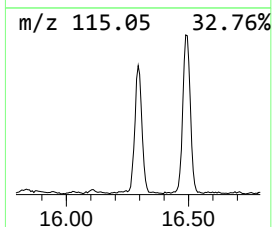
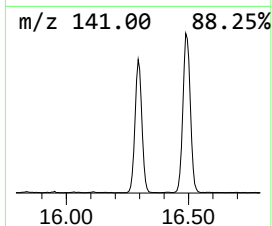
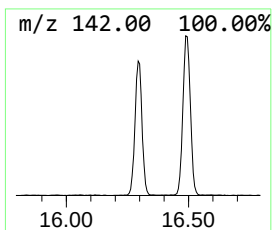
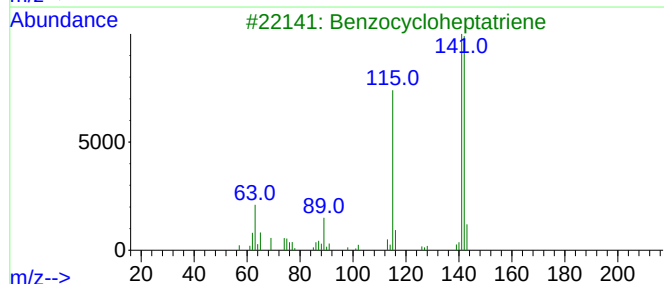
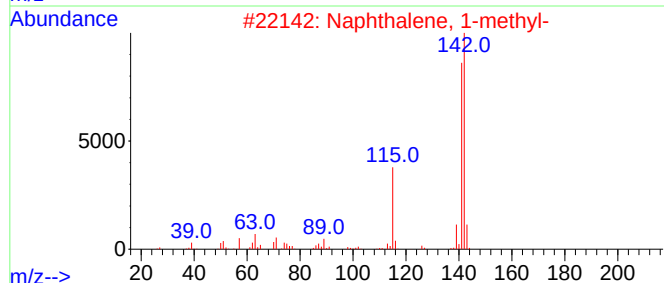
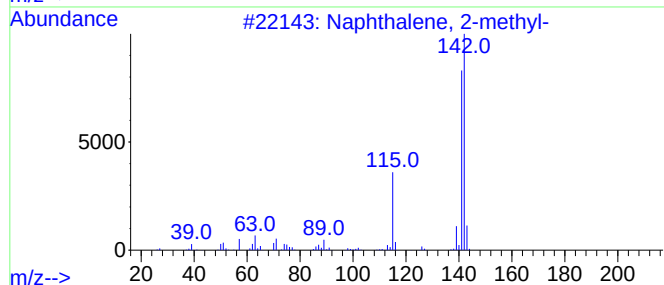
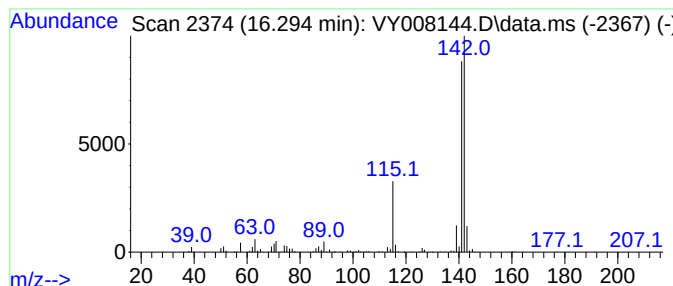
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Quant Title : SW846 8260

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

Peak Number 9 Benzocycloheptatriene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.294	17.98 ug/l	272730	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
Data File : VY008144.D
Acq On : 31 Mar 2022 17:29
Operator : SY/MD
Sample : N2195-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

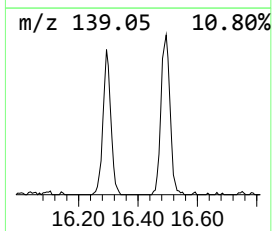
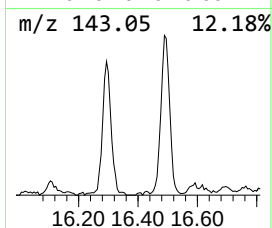
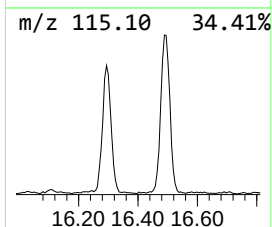
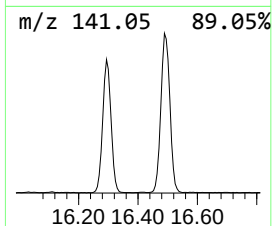
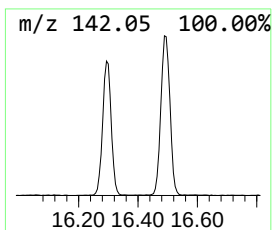
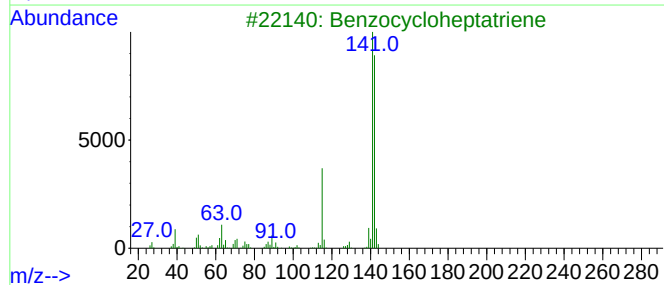
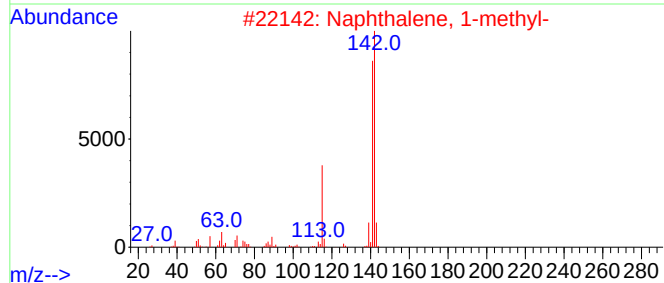
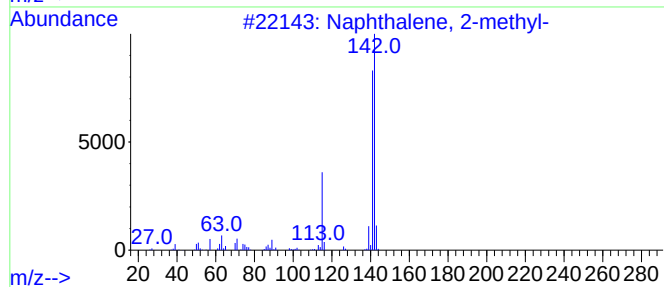
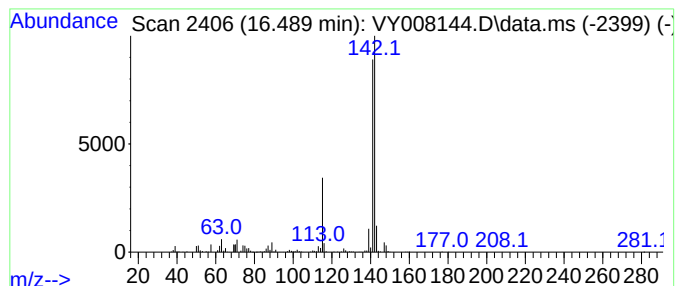
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260

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

Peak Number 10 1,4-Methanonaphthalene, 1,4... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.489	24.29 ug/l	368490	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3			Benzocycloheptatriene	142	C11H10	000264-09-5	91
4			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	86



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
Data File : VY008144.D
Acq On : 31 Mar 2022 17:29
Operator : SY/MD
Sample : N2195-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-1-1-5FT

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.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-...	11.898	57.4	ug/l	826970	3	11.490	719884	50.0
Naphthalene, 2,...	12.410	52.1	ug/l	749487	3	11.490	719884	50.0
Naphthalene, 2,...	12.965	116.2	ug/l	1762870	4	13.428	758556	50.0
Naphthalene, 1,...	13.093	14.8	ug/l	223703	4	13.428	758556	50.0
Naphthalene, 1,...	13.575	13.6	ug/l	205503	4	13.428	758556	50.0
Naphthalene, 1,...	13.666	25.3	ug/l	383639	4	13.428	758556	50.0
Naphthalene, 1,...	14.032	16.4	ug/l	248353	4	13.428	758556	50.0
Hexa-2,4-diyne-1...	14.739	24.4	ug/l	370513	4	13.428	758556	50.0
Benzocyclohepta...	16.294	18.0	ug/l	272730	4	13.428	758556	50.0
1,4-Methanonaph...	16.489	24.3	ug/l	368490	4	13.428	758556	50.0