

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
 Data File : VY002647.D
 Acq On : 08 May 2020 17:34
 Operator : SY/MD
 Sample : L2554-01
 Misc : 6.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-1-7

Integration Parameters: RTEINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.871	18	22	34	rVB	56244	81299	2.23%	0.347%
2	2.237	75	82	92	rBV2	30412	56085	1.54%	0.239%
3	7.742	971	985	991	rBV	217232	528343	14.52%	2.253%
4	7.815	991	997	1009	rVB	438400	975221	26.80%	4.158%
5	8.163	1044	1054	1065	rBV	182546	413536	11.36%	1.763%
6	8.712	1135	1144	1156	rBV	600346	1213974	33.36%	5.176%
7	10.193	1380	1387	1394	rBV	948532	1611570	44.28%	6.871%
8	11.498	1595	1601	1608	rBV	780708	1283787	35.28%	5.473%
9	11.955	1650	1676	1700	rVB5	414057	3639109	100.00%	15.515%
10	12.491	1755	1764	1768	rBV	869171	1862344	51.18%	7.940%
11	12.717	1792	1801	1825	rVB2	475517	2539433	69.78%	10.827%
12	13.290	1888	1895	1899	rBV4	71983	199979	5.50%	0.853%
13	13.388	1901	1911	1914	rVV2	255761	928101	25.50%	3.957%
14	13.436	1914	1919	1927	rVB	704939	1252022	34.40%	5.338%
15	13.802	1968	1979	1991	rBV2	164205	668372	18.37%	2.850%
16	14.095	2016	2027	2040	rVB2	138338	519586	14.28%	2.215%
17	14.247	2046	2052	2060	rBV4	38037	126068	3.46%	0.537%
18	14.351	2060	2069	2080	rVB	130731	452323	12.43%	1.928%
19	14.698	2117	2126	2138	rBV4	250353	1015814	27.91%	4.331%
20	14.875	2148	2155	2163	rVB3	58185	158539	4.36%	0.676%
21	14.960	2165	2169	2171	rBV4	34185	50103	1.38%	0.214%
22	15.064	2179	2186	2189	rBV5	91071	231279	6.36%	0.986%
23	15.247	2207	2216	2223	rBV3	236684	718798	19.75%	3.064%
24	15.357	2231	2234	2240	rVB8	30612	49462	1.36%	0.211%
25	15.448	2246	2249	2257	rVB9	41961	100450	2.76%	0.428%
26	15.546	2258	2265	2282	rVB7	103180	513735	14.12%	2.190%
27	15.741	2288	2297	2307	rVB3	156765	455238	12.51%	1.941%
28	15.899	2320	2323	2328	rVB3	35016	59189	1.63%	0.252%
29	16.052	2342	2348	2354	rBV3	99907	242255	6.66%	1.033%
30	16.174	2364	2368	2372	rBV2	40856	69467	1.91%	0.296%
31	16.247	2375	2380	2384	rVV2	87111	172448	4.74%	0.735%
32	16.308	2384	2390	2403	rVB	247321	505908	13.90%	2.157%
33	16.503	2416	2422	2429	rBV	350103	761838	20.93%	3.248%

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ClientSampleId :
DRUM-1-7

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\82Y043020S.M
Title : SW846 8260

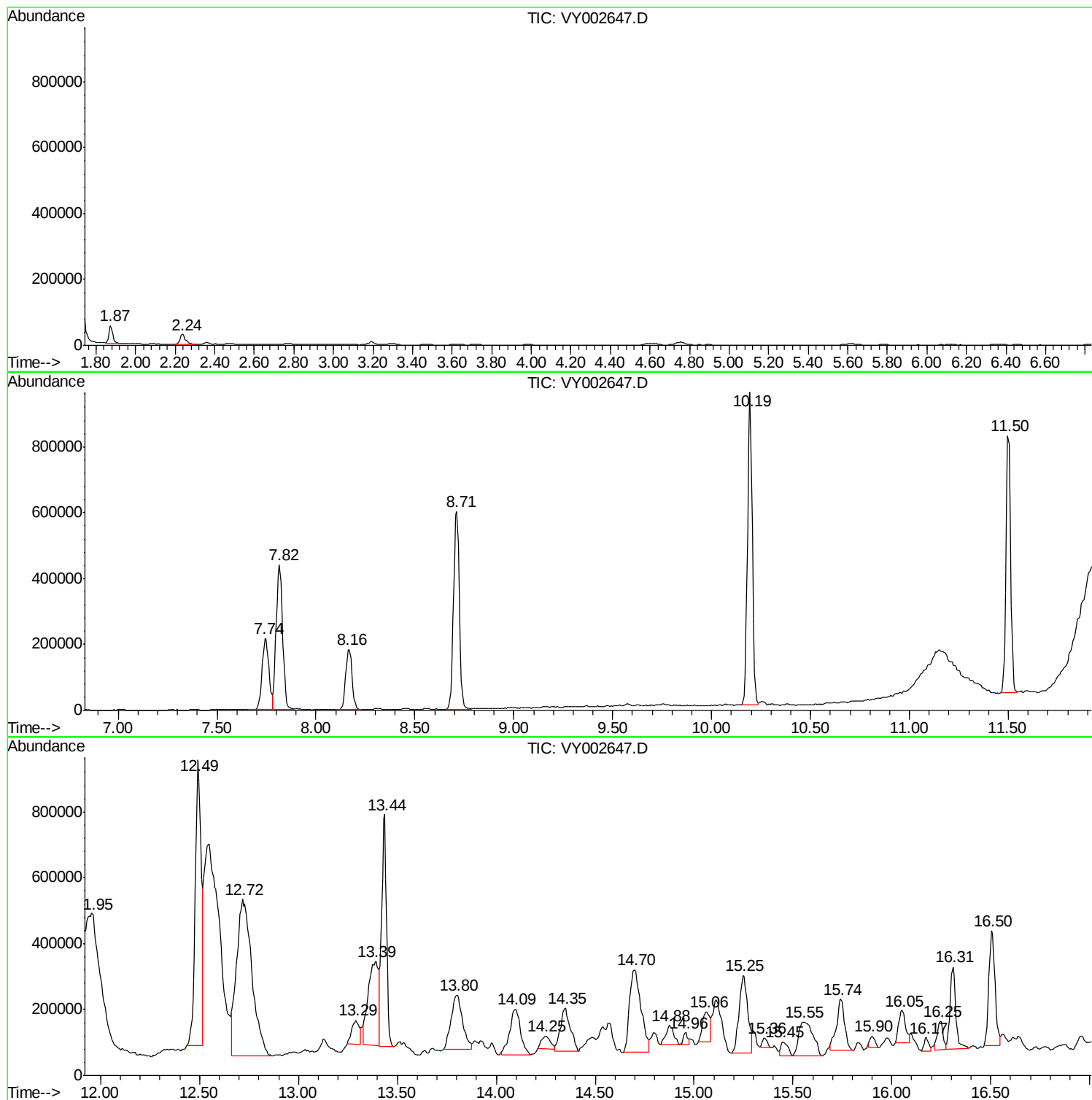
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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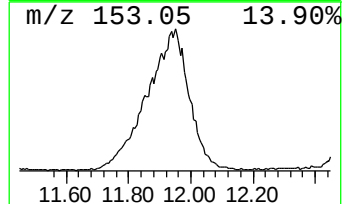
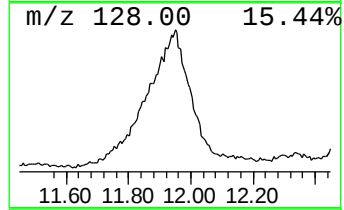
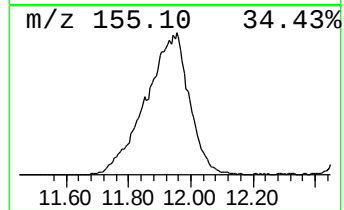
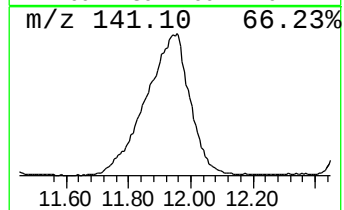
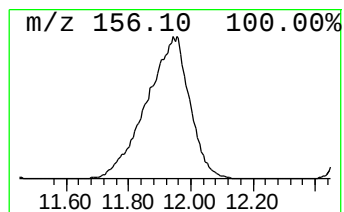
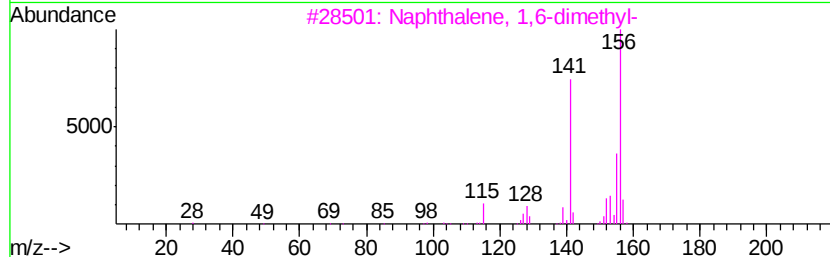
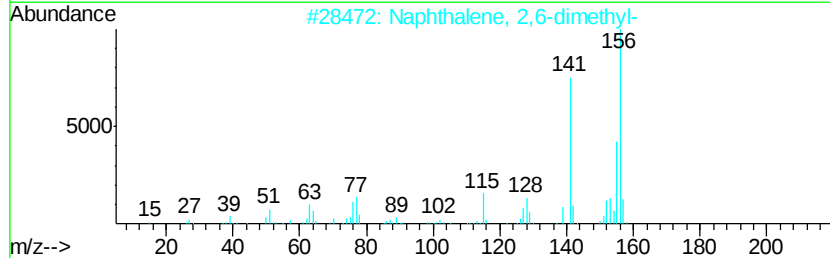
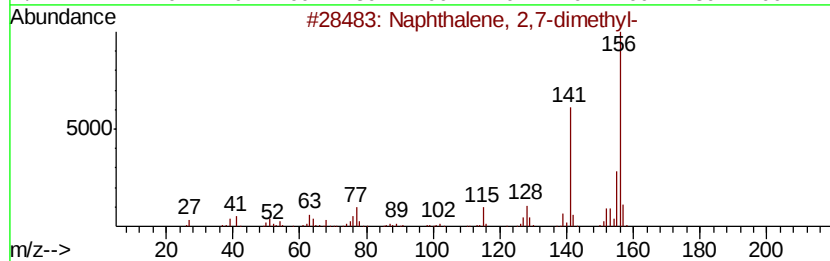
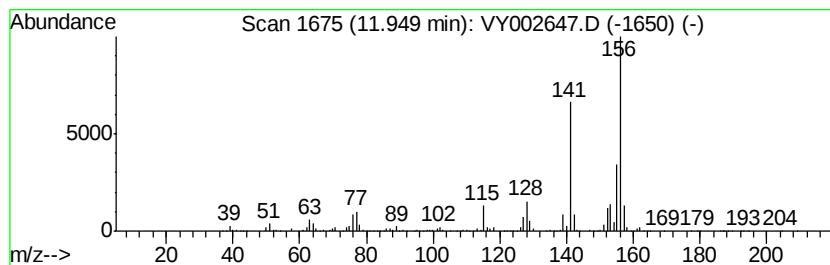
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.95	141.73 ug/l	3639110	Chlorobenzene-d5	11.50		
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, 2,3-dimethyl-	156	C12H12	000581-40-8	96



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Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-7

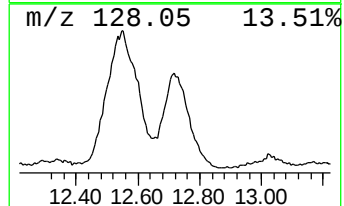
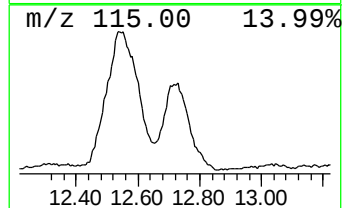
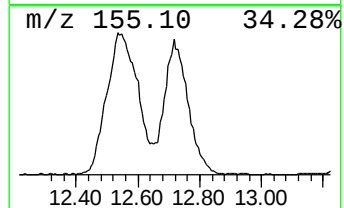
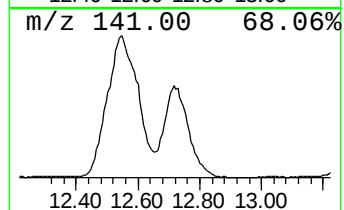
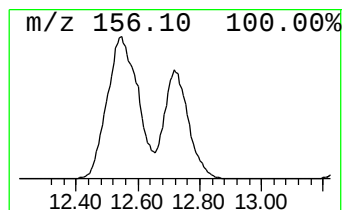
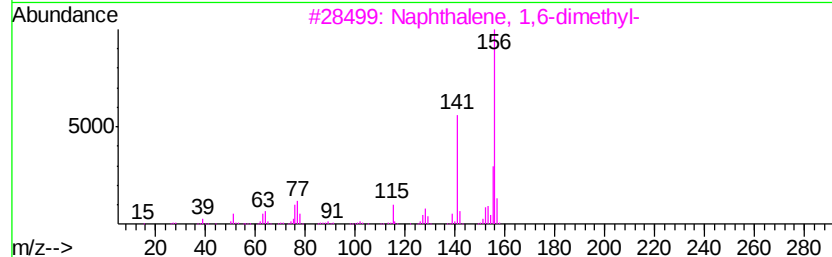
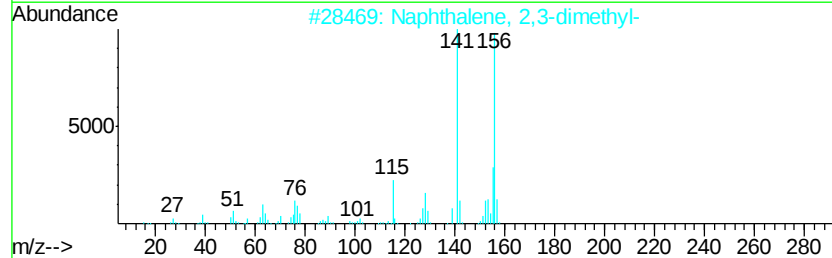
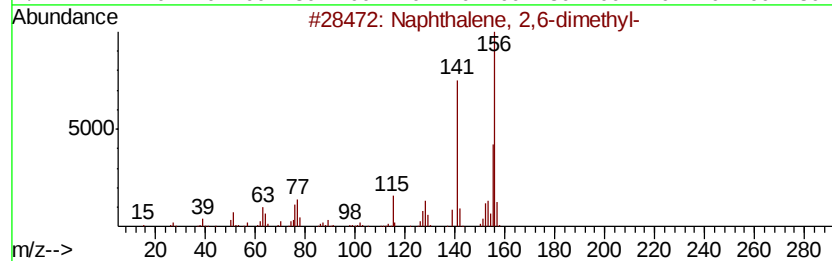
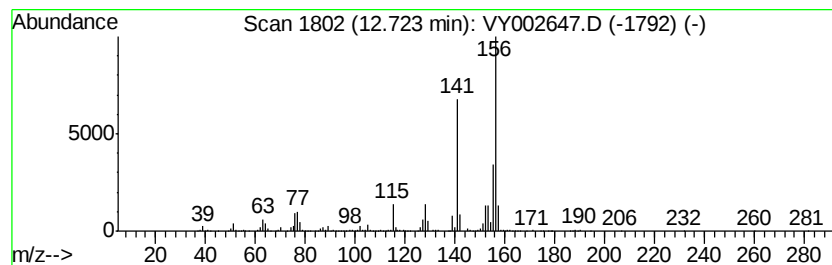
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	101.41 ug/l	2539430	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97



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Misc : 6.57G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-7

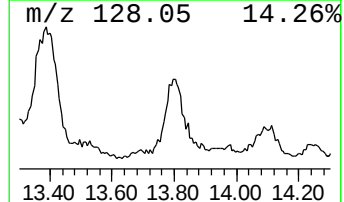
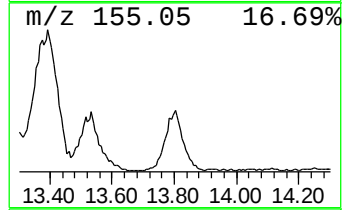
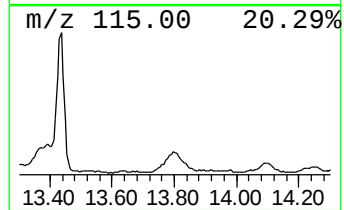
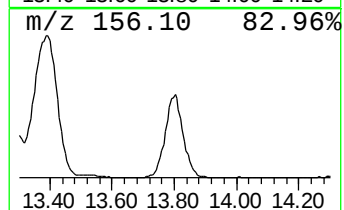
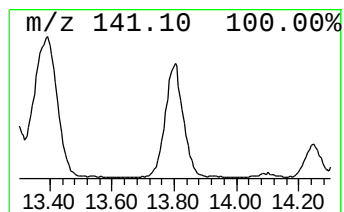
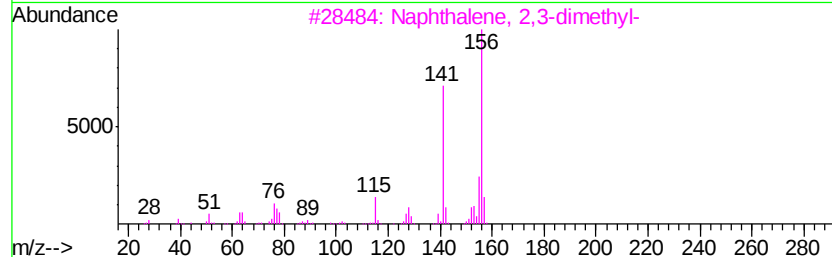
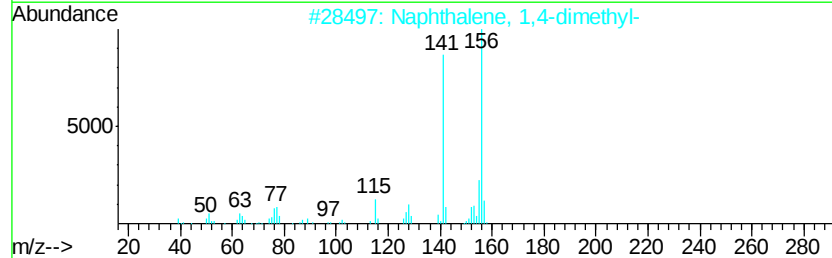
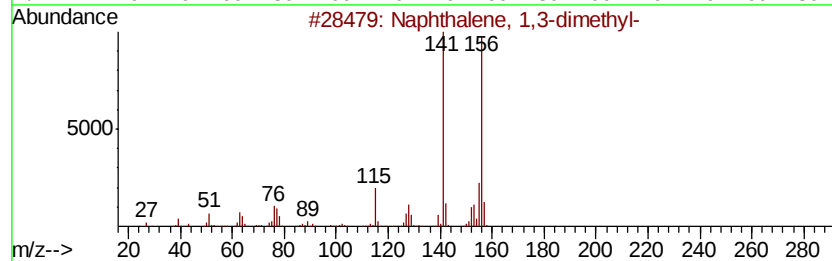
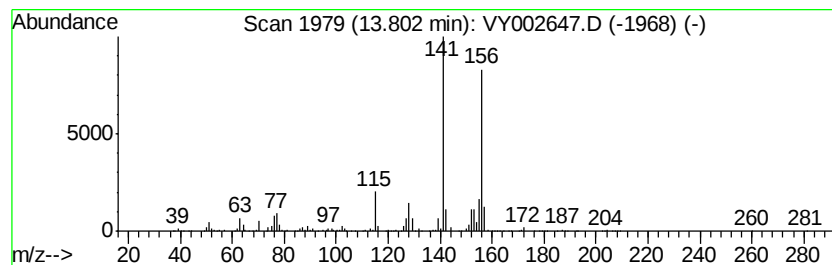
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	26.69 ug/l	668372	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95



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Misc : 6.57G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-7

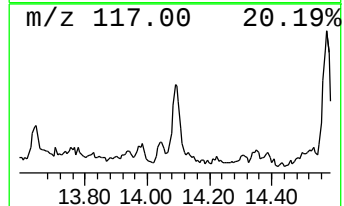
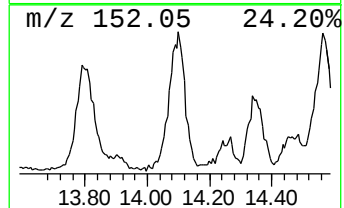
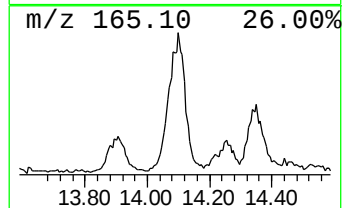
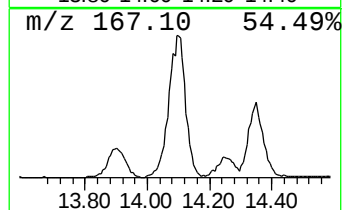
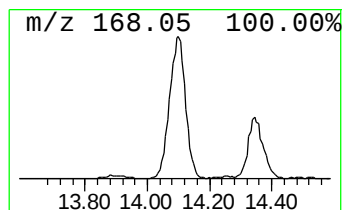
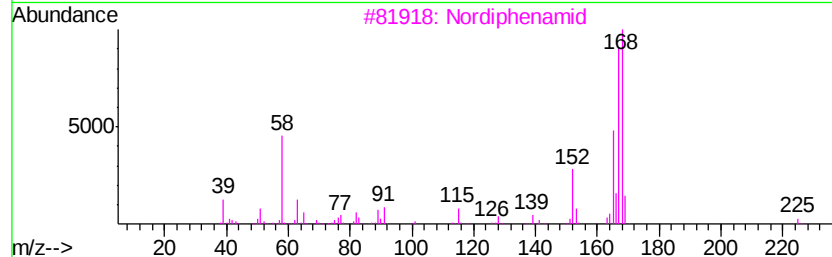
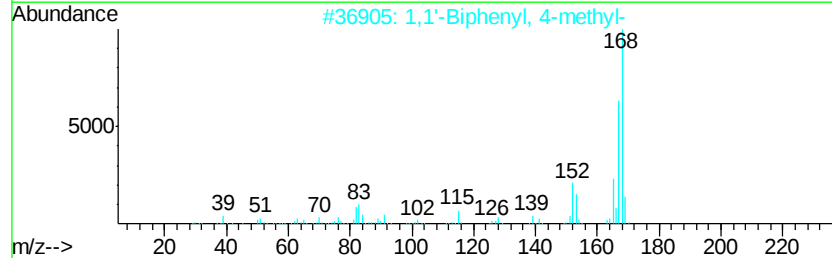
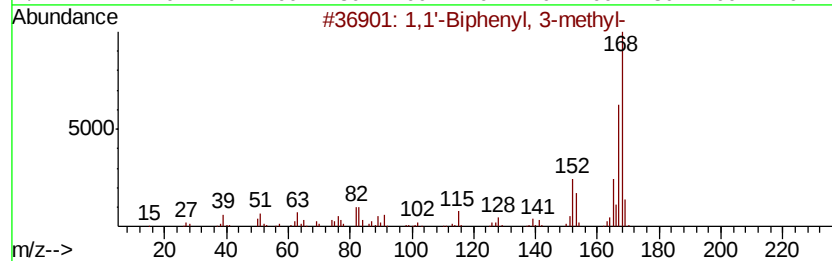
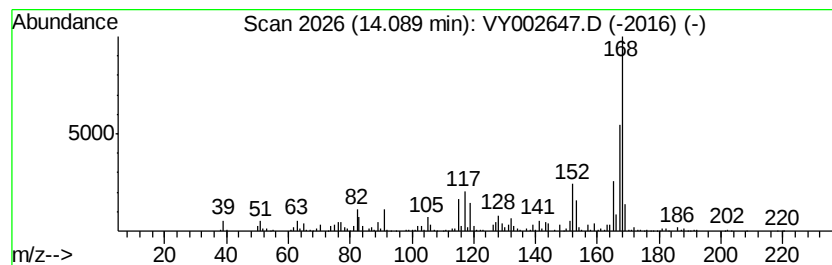
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1,1'-Biphenyl, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	20.75 ug/l	519586	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	97
2		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	96
3		Nordiphenamid	225	C15H15NO	000954-21-2	50
4		Diphenylmethane	168	C13H12	000101-81-5	46
5		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43



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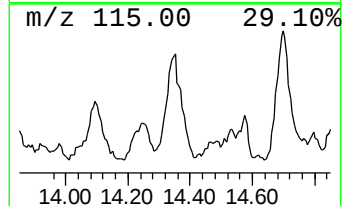
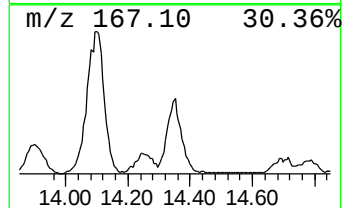
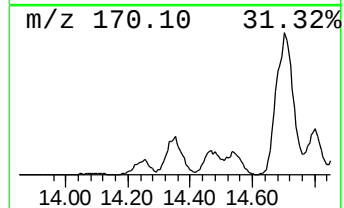
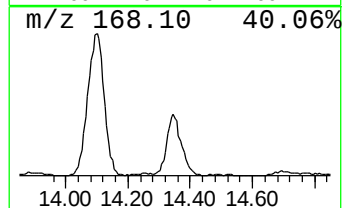
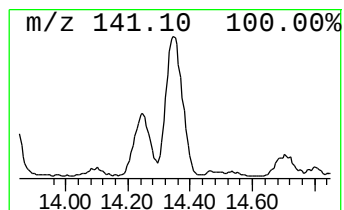
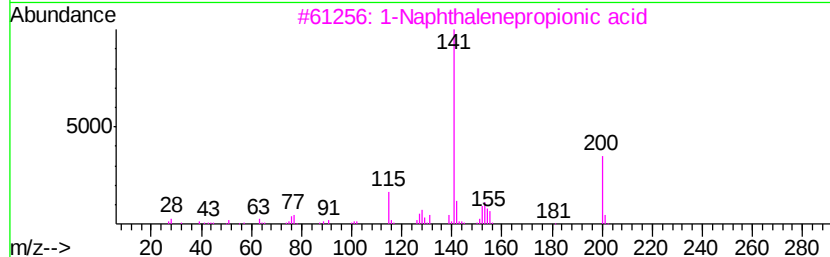
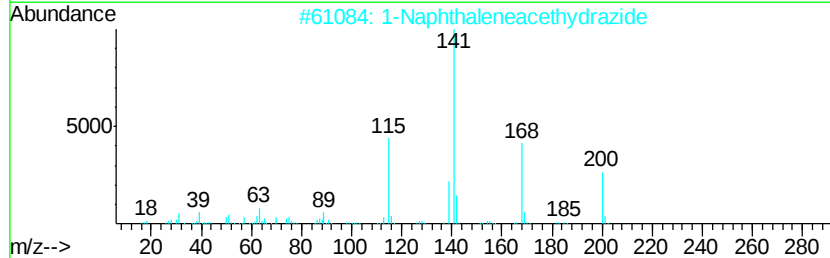
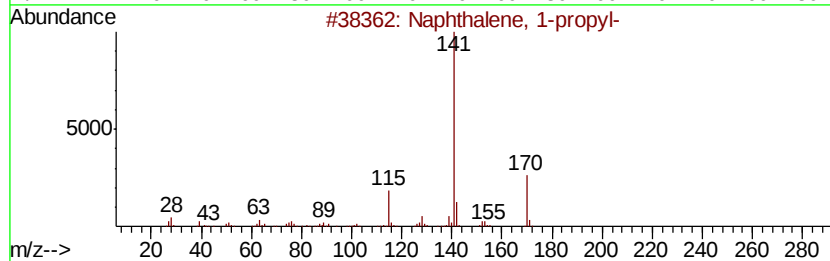
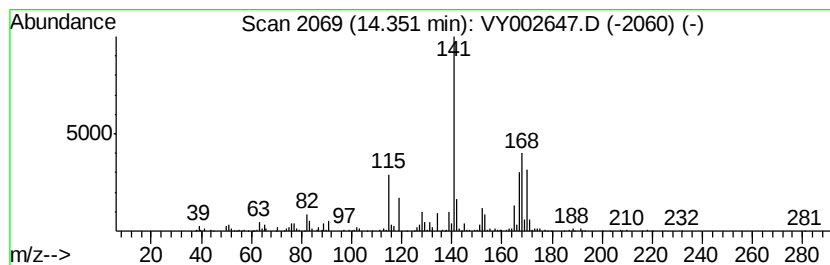
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	18.06 ug/l	452323	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	53
2		1-Naphthaleneacethydrazide	200	C12H12N2O	034800-90-3	47
3		1-Naphthalenepropionic acid	200	C13H12O2	003243-42-3	38
4		1-Ethanone, 1-[4-(1-naphthalenyl)...]	276	C19H16O2	1000338-30-5	35
5		2-Naphthaleneethanol	172	C12H12O	001485-07-0	35



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
Data File : VY002647.D
Acq On : 08 May 2020 17:34
Operator : SY/MD
Sample : L2554-01
Misc : 6.57G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-7

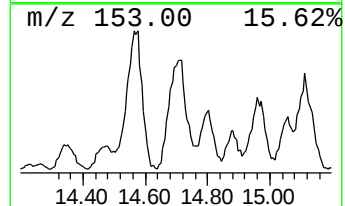
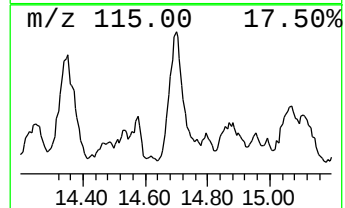
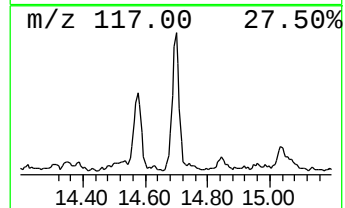
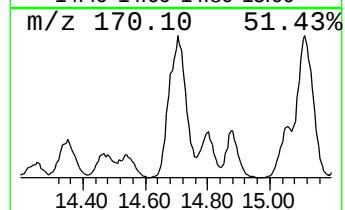
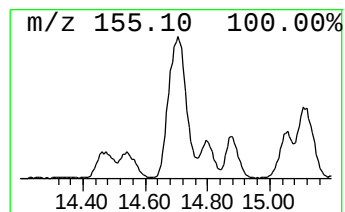
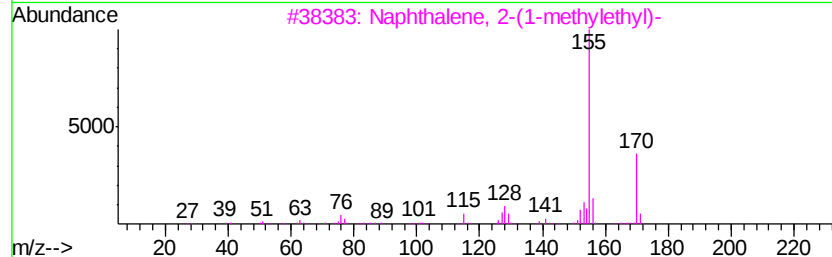
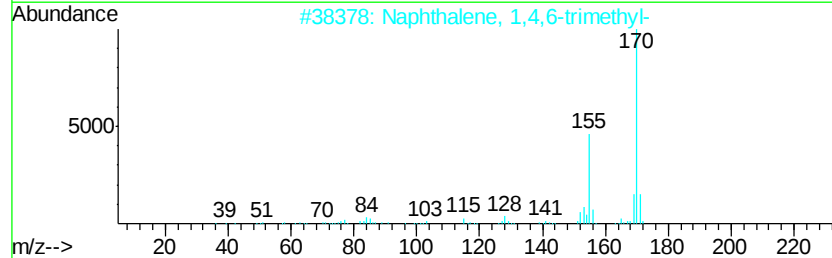
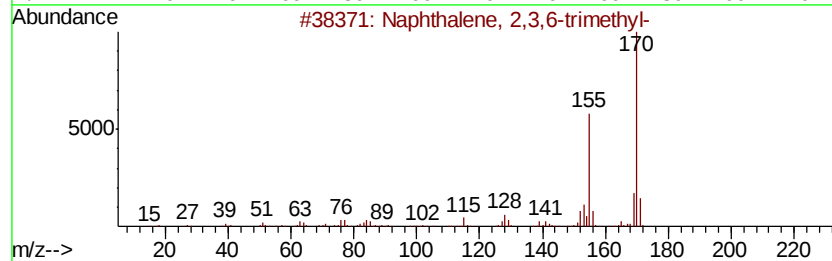
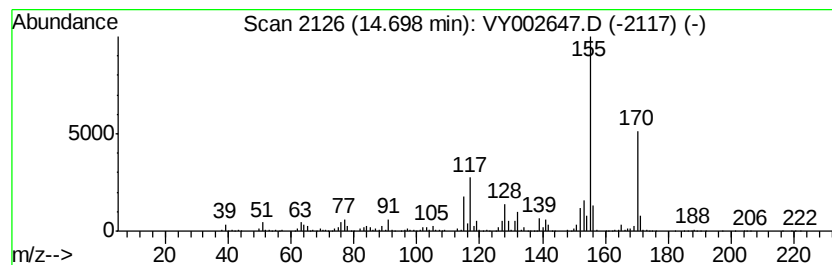
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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 2-(1-methyleth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	40.57 ug/l	1015810	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
Data File : VY002647.D
Acq On : 08 May 2020 17:34
Operator : SY/MD
Sample : L2554-01
Misc : 6.57G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

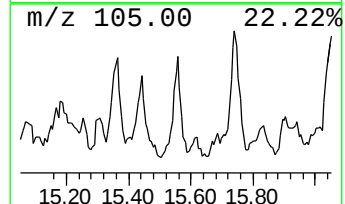
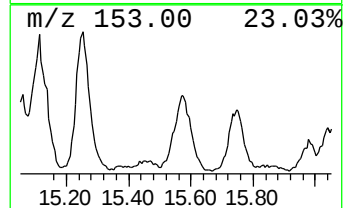
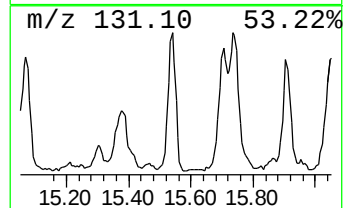
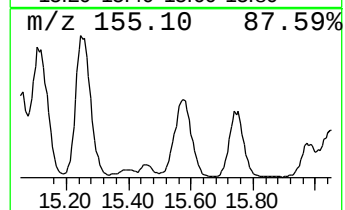
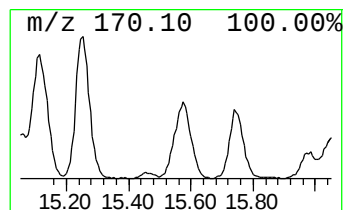
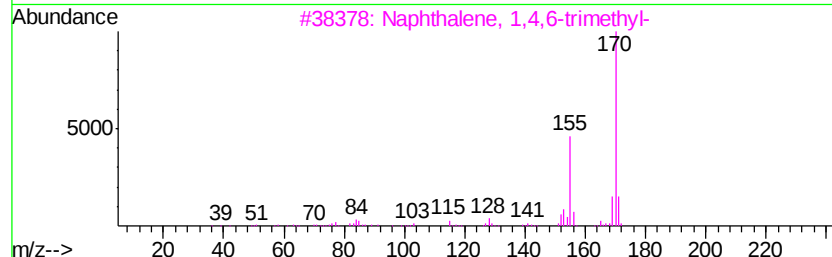
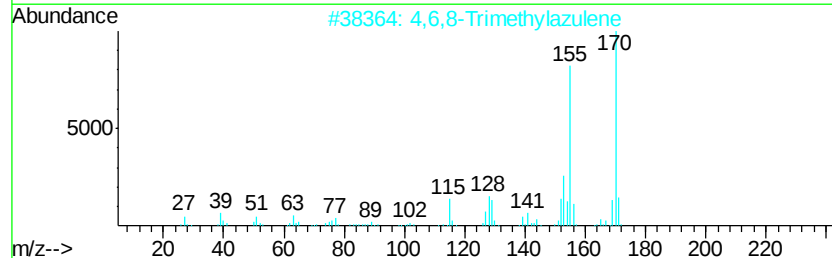
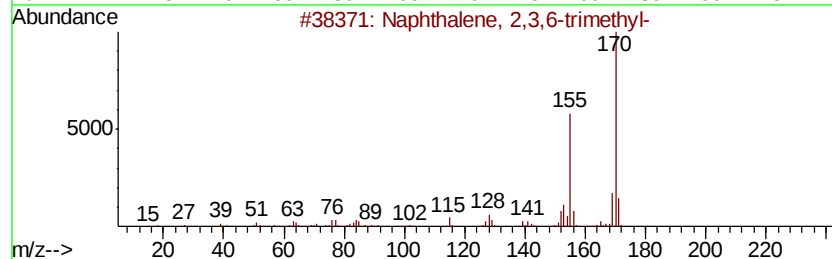
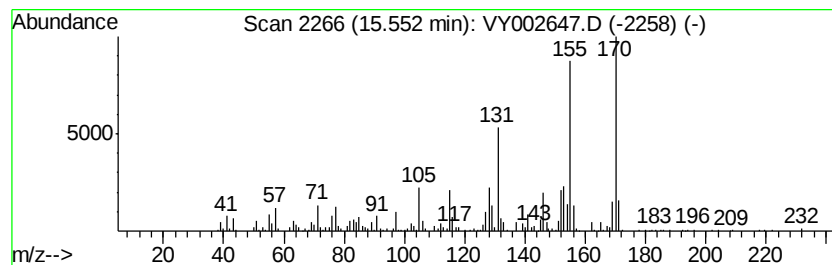
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 4,6,8-Trimethylazulene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	20.52 ug/l	513735	1,4-Dichlorobenzene-d4	13.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 93
2		4,6,8-Trimethylazulene	170 C13H14	000941-81-1 91
3		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 90
4		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 87
5		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
Data File : VY002647.D
Acq On : 08 May 2020 17:34
Operator : SY/MD
Sample : L2554-01
Misc : 6.57G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-7

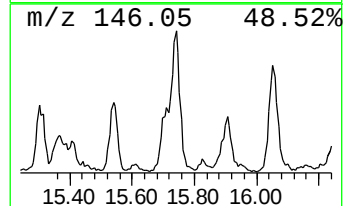
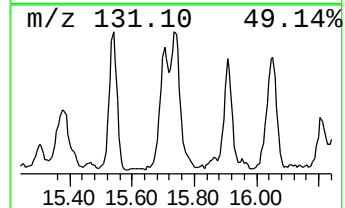
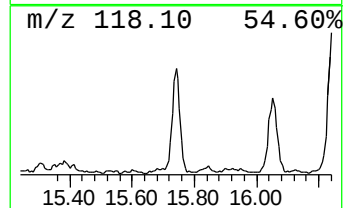
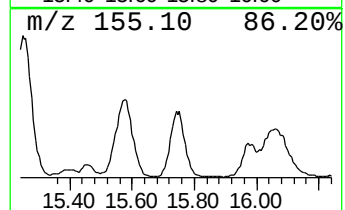
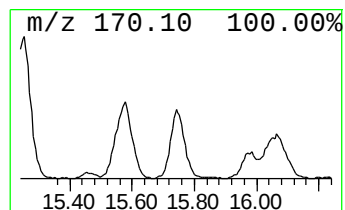
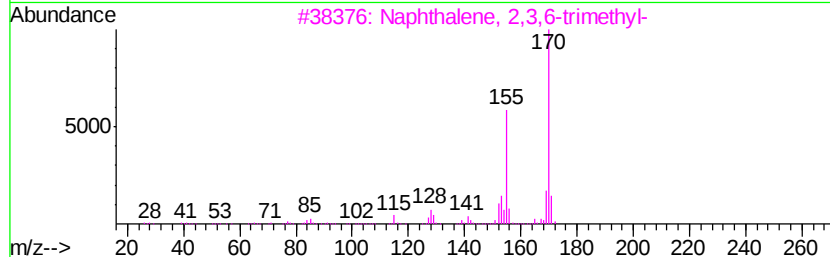
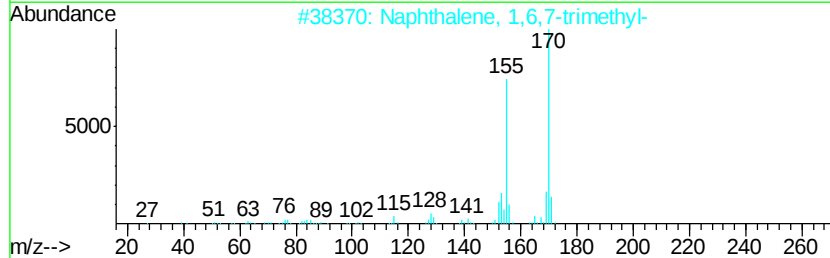
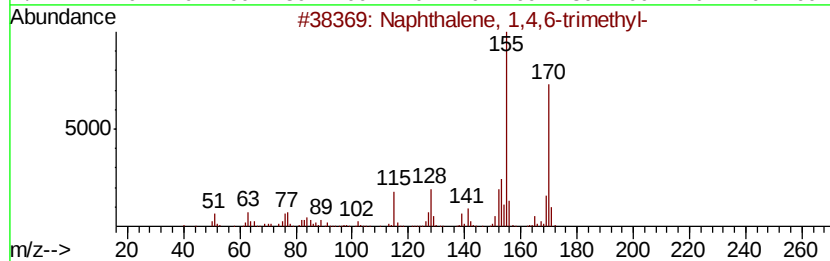
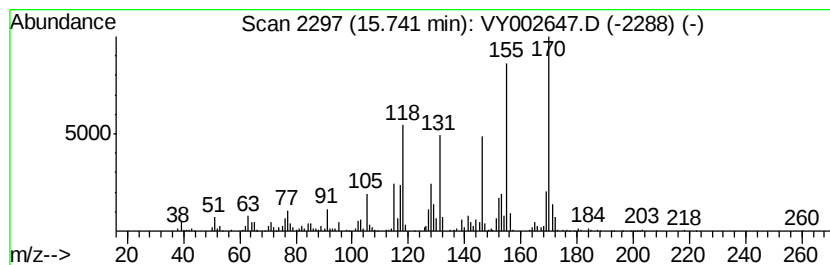
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	18.18 ug/l	455238	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
5		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	55



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
Data File : VY002647.D
Acq On : 08 May 2020 17:34
Operator : SY/MD
Sample : L2554-01
Misc : 6.57G/5ML/MSVOA Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-7

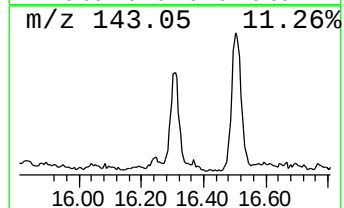
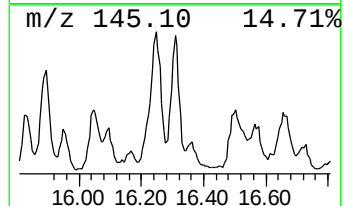
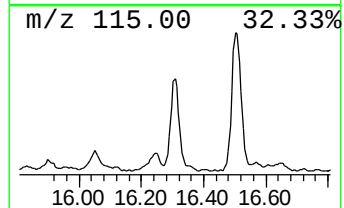
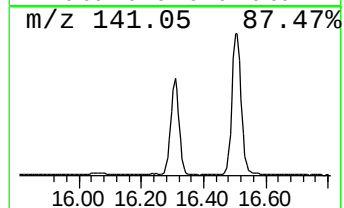
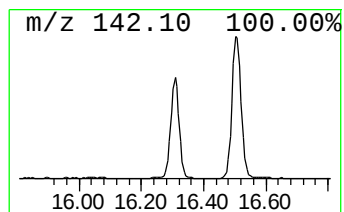
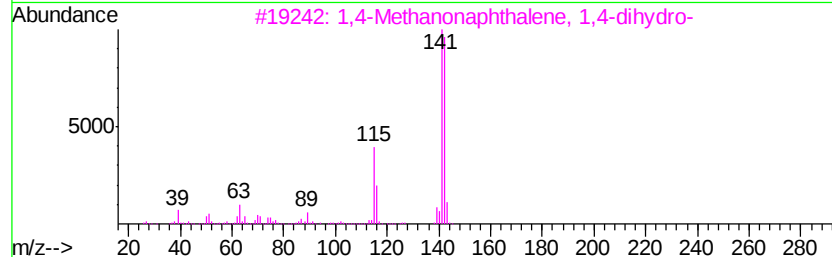
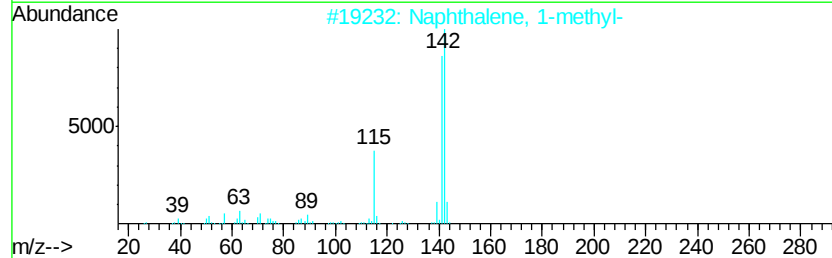
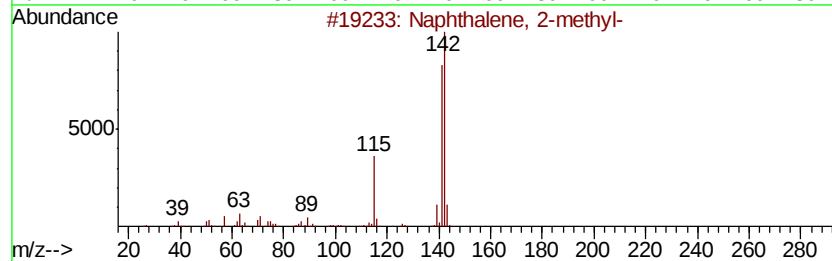
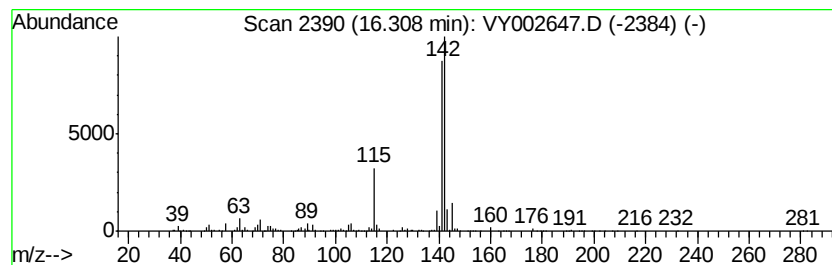
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	20.20 ug/l	505908	1,4-Dichlorobenzene-d4	13.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	90
4		Benzocycloheptatriene	142	C11H10	000264-09-5	90
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY050820\
Data File : VY002647.D
Acq On : 08 May 2020 17:34
Operator : SY/MD
Sample : L2554-01
Misc : 6.57G/5ML/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1-7

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,7-...	11.95	141.7	ug/l	3639110	3	11.50	1283790	50.0
Naphthalene, 2,6-...	12.72	101.4	ug/l	2539430	4	13.44	1252020	50.0
Naphthalene, 1,3-...	13.80	26.7	ug/l	668372	4	13.44	1252020	50.0
1,1'-Biphenyl, 3-...	14.09	20.8	ug/l	519586	4	13.44	1252020	50.0
Naphthalene, 1-pr...	14.35	18.1	ug/l	452323	4	13.44	1252020	50.0
Naphthalene, 2-(1...	14.70	40.6	ug/l	1015810	4	13.44	1252020	50.0
4,6,8-Trimethylaz...	15.55	20.5	ug/l	513735	4	13.44	1252020	50.0
Naphthalene, 1,4,...	15.74	18.2	ug/l	455238	4	13.44	1252020	50.0
Naphthalene, 1-me...	16.31	20.2	ug/l	505908	4	13.44	1252020	50.0