

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
 Data File : VY001876.D
 Acq On : 05 Mar 2020 13:06
 Operator : SY/MD
 Sample : L1783-01
 Misc : 8.73G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GP-10-030220

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\82Y030420S.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	32	rVB2	8058	12163	2.27%	0.454%
2	2.121	59	63	69	rVB	13859	19185	3.58%	0.716%
3	4.224	397	408	418	rVB	2490	6625	1.24%	0.247%
4	4.749	484	494	503	rBV3	8353	24792	4.63%	0.925%
5	7.742	974	985	990	rBV	102010	238016	44.45%	8.885%
6	7.809	990	996	1010	rVB	141033	322948	60.31%	12.056%
7	8.163	1045	1054	1066	rBV	100419	215912	40.32%	8.060%
8	8.705	1135	1143	1153	rVB	244162	476328	88.96%	17.781%
9	10.187	1379	1386	1395	rBV	308779	535454	100.00%	19.989%
10	11.498	1592	1601	1608	rBV	179711	290592	54.27%	10.848%
11	11.723	1628	1638	1639	rVV9	3178	9239	1.73%	0.345%
12	12.095	1696	1699	1708	rVB9	4969	13422	2.51%	0.501%
13	12.308	1726	1734	1735	rBV8	4456	9622	1.80%	0.359%
14	12.491	1753	1764	1769	rBV	83574	163343	30.51%	6.098%
15	12.723	1792	1802	1803	rBV9	8452	19146	3.58%	0.715%
16	13.363	1902	1907	1909	rVV6	7101	12645	2.36%	0.472%
17	13.430	1913	1918	1923	rVV	69628	110419	20.62%	4.122%
18	13.887	1987	1993	1995	rBV6	4152	8067	1.51%	0.301%
19	13.973	2004	2007	2011	rVB4	5406	6706	1.25%	0.250%
20	14.107	2016	2029	2032	rBV4	8520	26553	4.96%	0.991%
21	14.241	2045	2051	2052	rBV6	4014	6781	1.27%	0.253%
22	14.357	2062	2070	2074	rBV10	3998	11162	2.08%	0.417%
23	14.491	2085	2092	2095	rBV9	4105	8238	1.54%	0.308%
24	14.686	2117	2124	2129	rBV8	5548	15421	2.88%	0.576%
25	14.887	2146	2157	2165	rBV8	9970	35327	6.60%	1.319%
26	15.107	2191	2193	2200	rVB8	3743	7840	1.46%	0.293%
27	15.247	2214	2216	2220	rVV5	5424	8391	1.57%	0.313%
28	15.290	2222	2223	2233	rVB8	3769	5983	1.12%	0.223%
29	15.540	2257	2264	2266	rBV6	4484	8423	1.57%	0.314%
30	15.735	2287	2296	2306	rVB7	11542	28153	5.26%	1.051%
31	16.039	2339	2346	2354	rBV7	5274	12793	2.39%	0.478%
32	16.241	2374	2379	2384	rVB5	4920	9111	1.70%	0.340%

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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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Title : SW846 8260

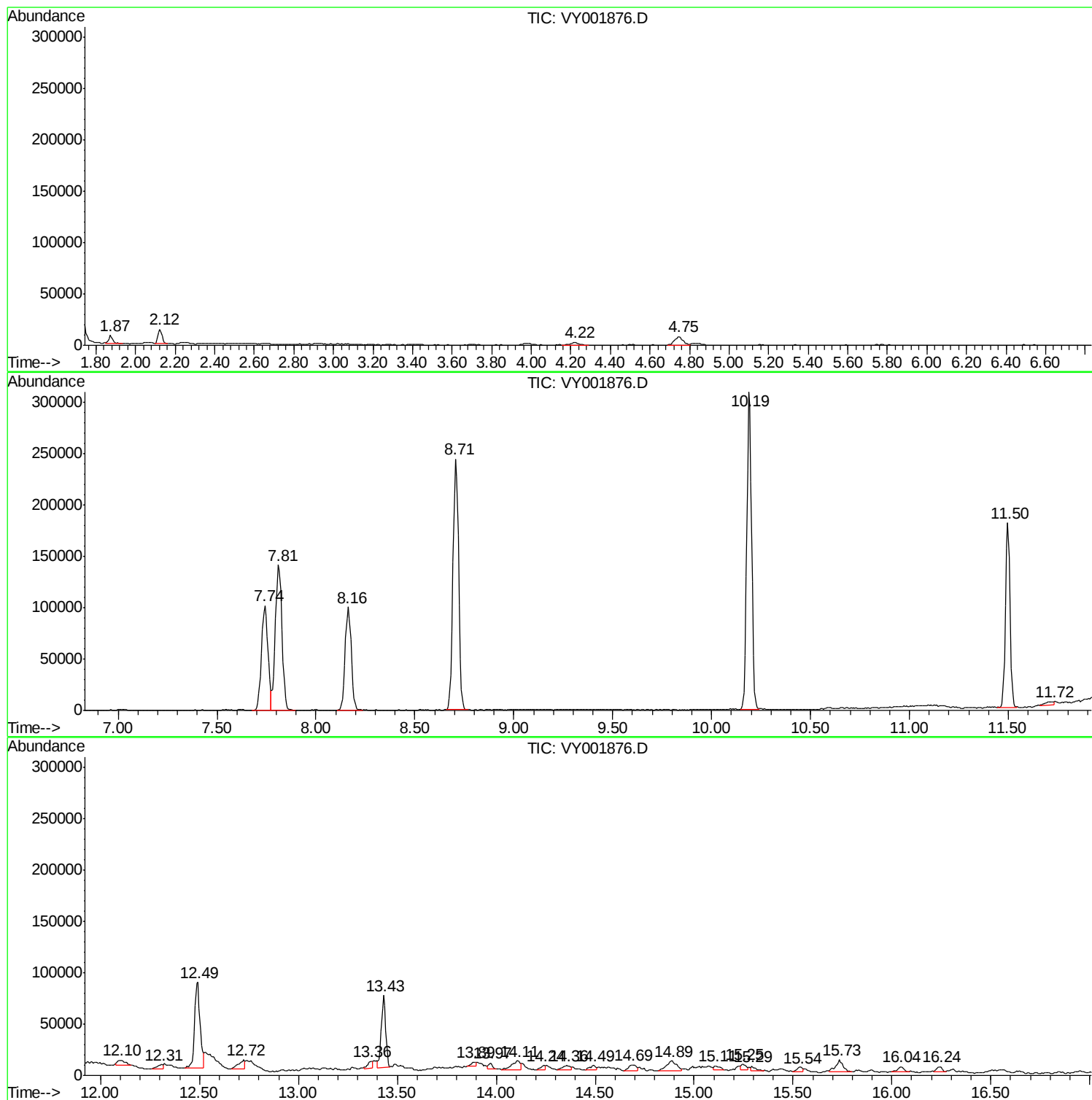
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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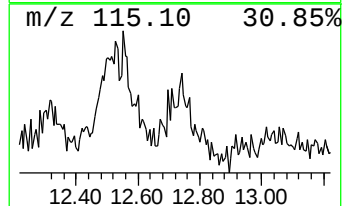
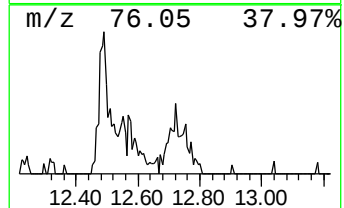
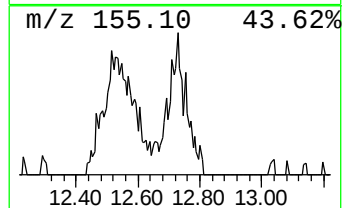
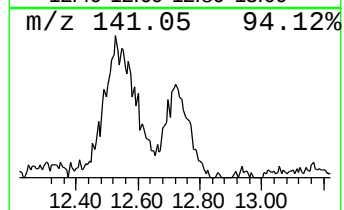
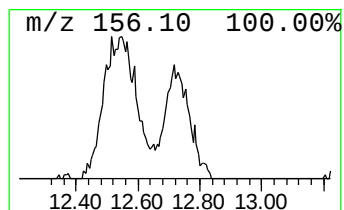
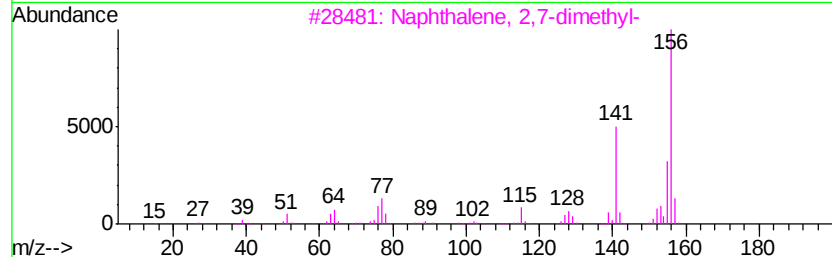
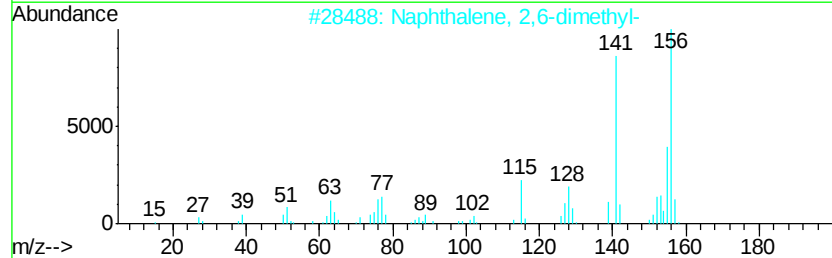
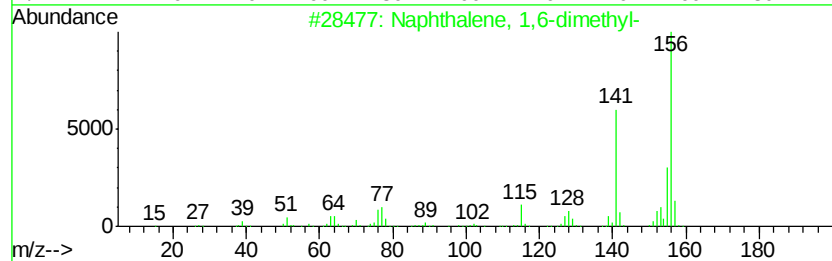
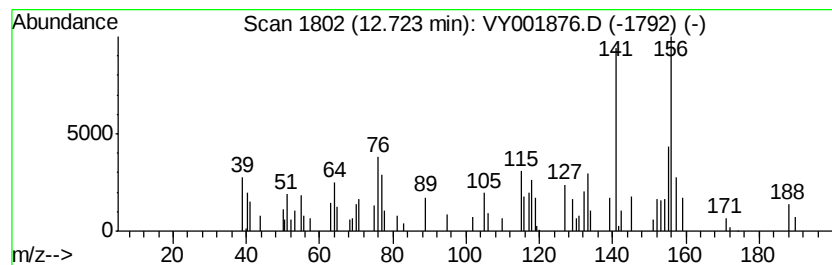
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	8.67 ug/l	19146	1,4-Dichlorobenzene-d4	13.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	83
2			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	64
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	64
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	64
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	64



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP-10-030220

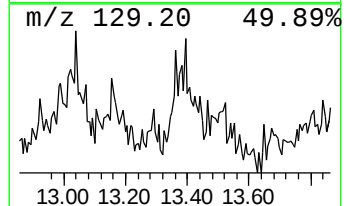
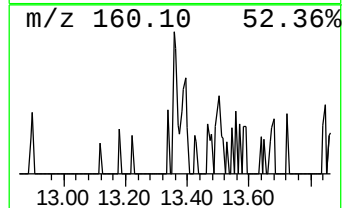
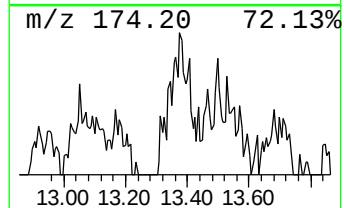
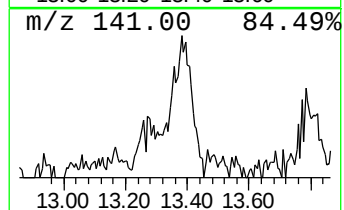
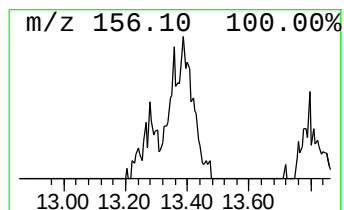
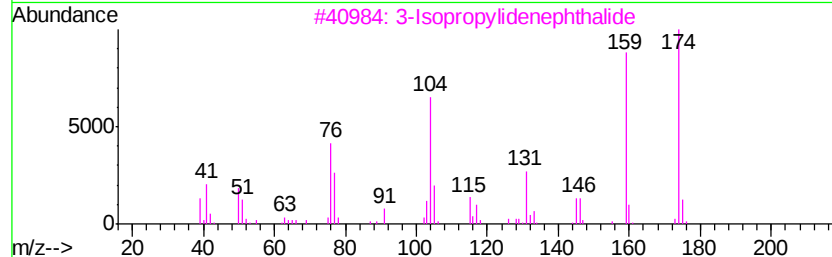
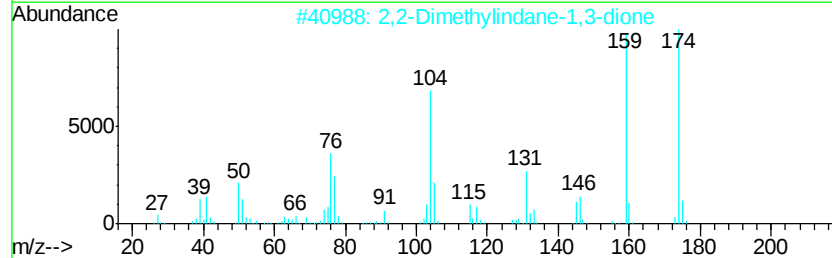
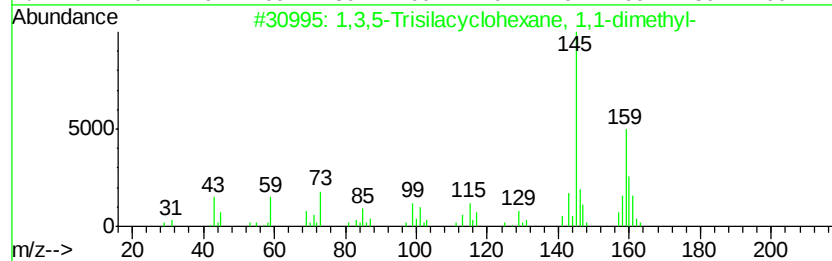
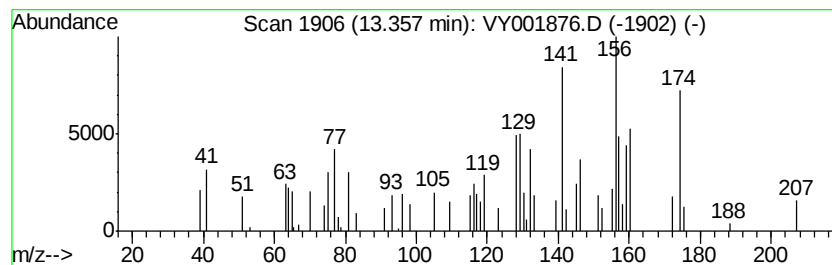
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown13.36 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	5.73 ug/l	12645	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3,5-Trisilacyclohexane, 1,1-di...	160	C5H16Si3	054424-15-6	14
2		2,2-Dimethylindane-1,3-dione	174	C11H10O2	017190-77-1	11
3		3-Isopropylideneophthalide	174	C11H10O2	004767-54-8	11
4		Benzene, 2,4-diisocyanato-1-methyl-	174	C9H6N2O2	000584-84-9	11
5		Quinoxaline, 2,3-dimethyl-, 1-oxide	174	C10H10N2O	006940-11-0	10



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Misc : 8.73G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP-10-030220

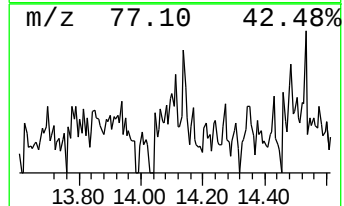
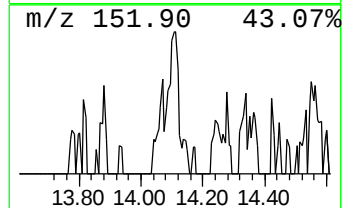
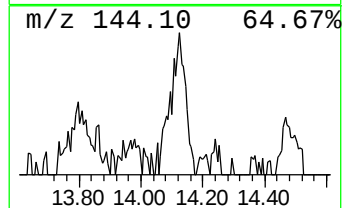
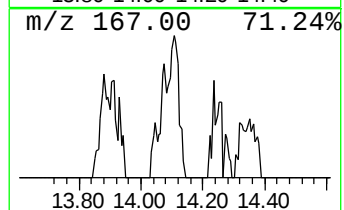
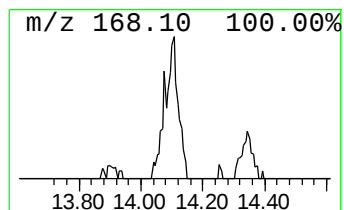
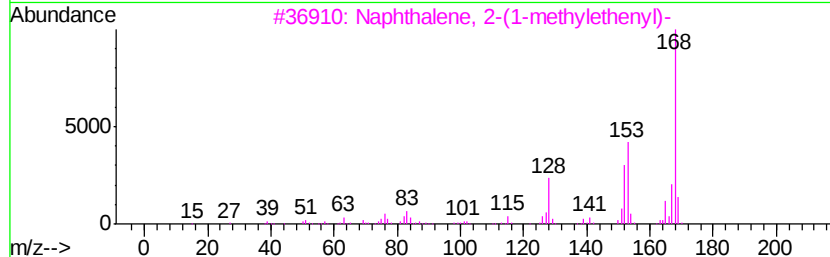
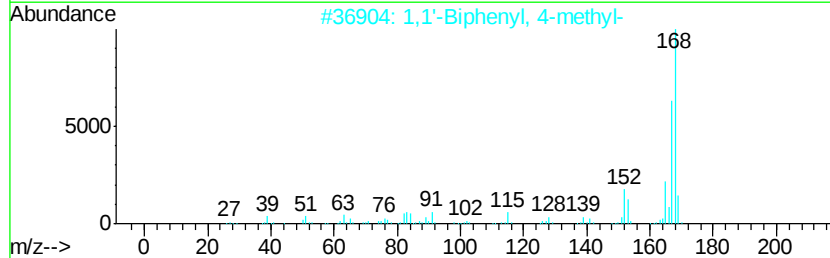
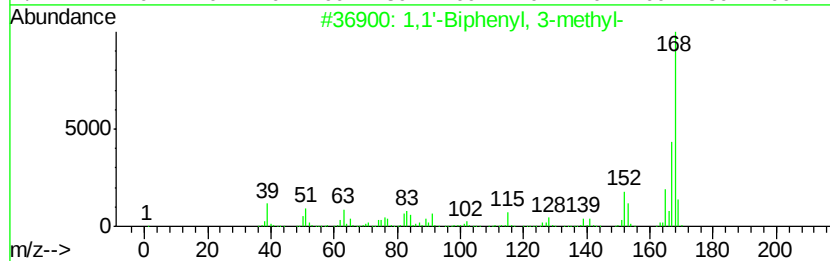
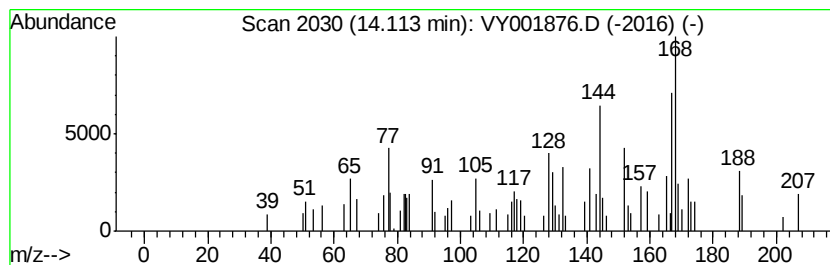
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.11	12.02 ug/l	26553	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
2		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	46
3		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	35
4		Toluene, 4-(2,2-dicyanoethenyl)	168	C11H8N2	002826-25-7	35
5		2,4-Dimethoxy-5-pyrimidine carbo...	168	C7H8N2O3	052606-02-7	35



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Misc : 8.73G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP-10-030220

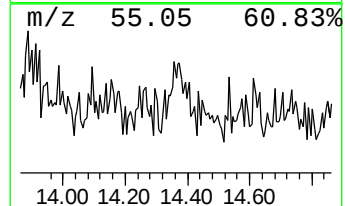
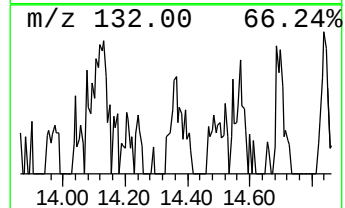
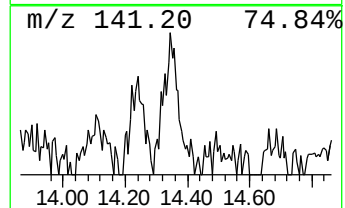
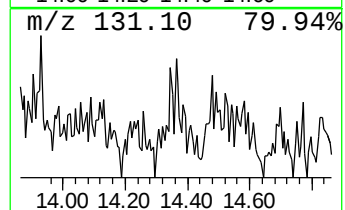
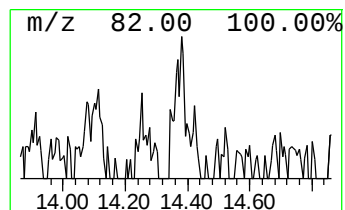
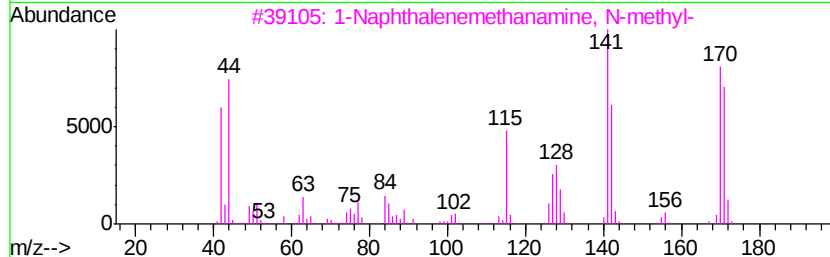
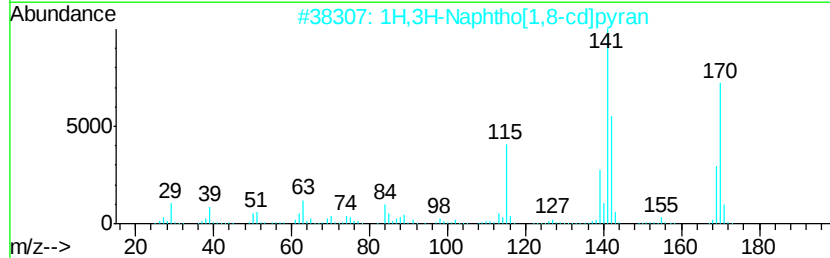
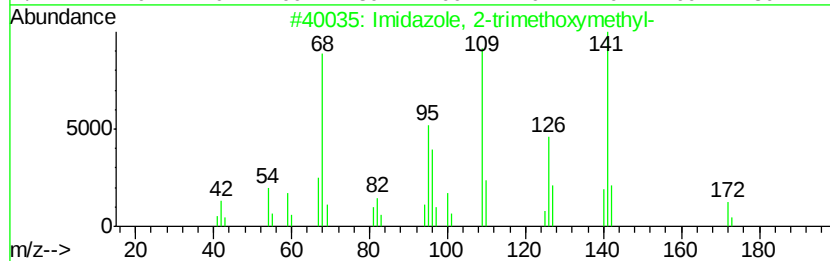
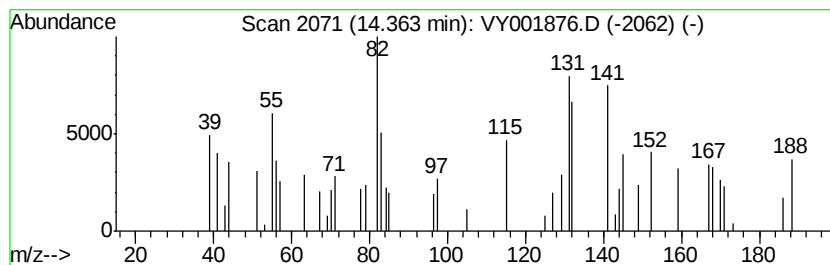
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Quant Title : SW846 8260

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

Peak Number 4 unknown14.36 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	5.05 ug/l	11162	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Imidazole, 2-trimethoxymethyl-	172	C7H12N2O3	070631-96-8	11
2		1H,3H-Naphtho[1,8-cd]pyran	170	C12H10O	000203-84-9	10
3		1-Naphthalenemethanamine, N-methyl-	171	C12H13N	014489-75-9	10
4		2H,7H-Pyrano[2,3-b]pyran, hexahy...	142	C8H14O2	038737-53-0	10
5		3-(1-Amino-ethylidene)-furan-2,4...	141	C6H7NO3	1000300-94-1	9



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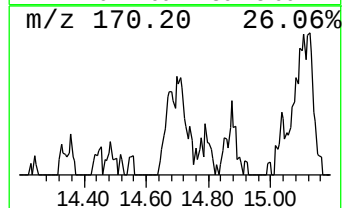
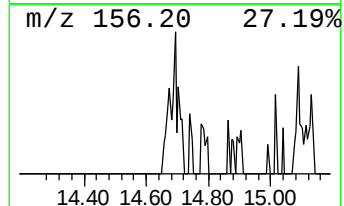
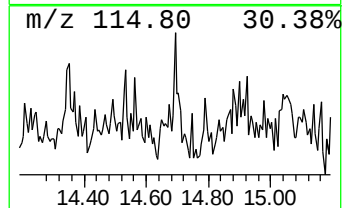
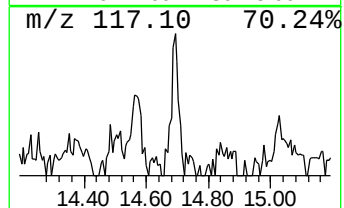
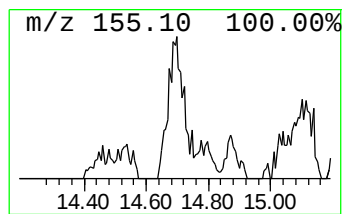
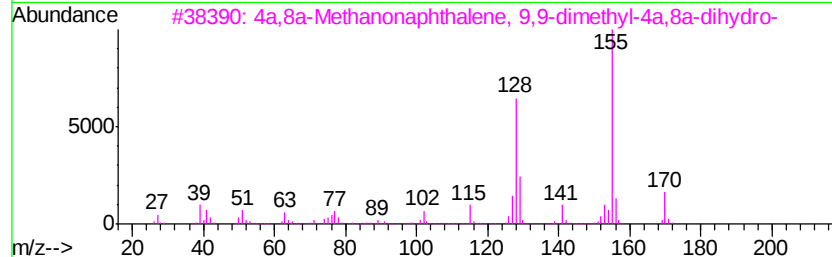
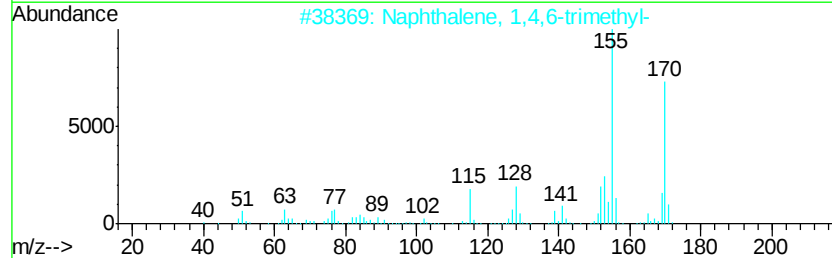
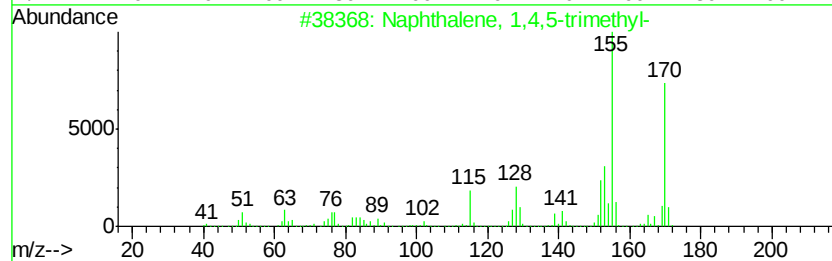
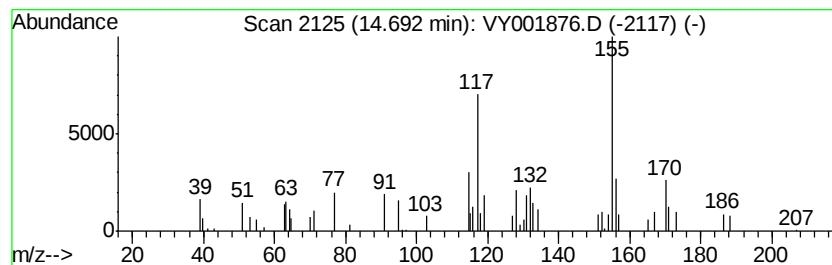
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown14.69 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	6.98 ug/l	15421	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	46
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	41
3		4a,8a-Methanonaphthalene, 9,9-di...	170	C13H14	038963-97-2	35
4		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	35
5		5H-Imidazole-4-carboxylic acid, ...	155	C6H9N3O2	1000303-21-9	22



Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
Data File : VY001876.D
Acq On : 05 Mar 2020 13:06
Operator : SY/MD
Sample : L1783-01
Misc : 8.73G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP-10-030220

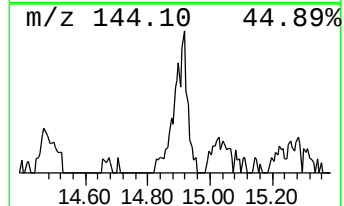
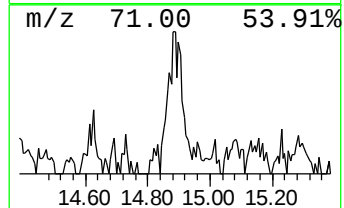
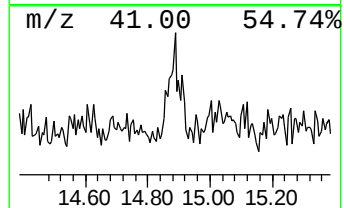
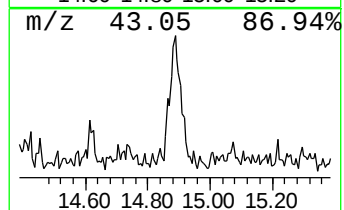
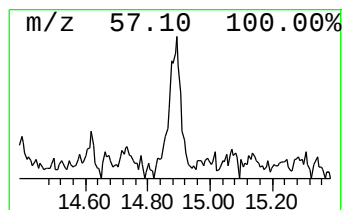
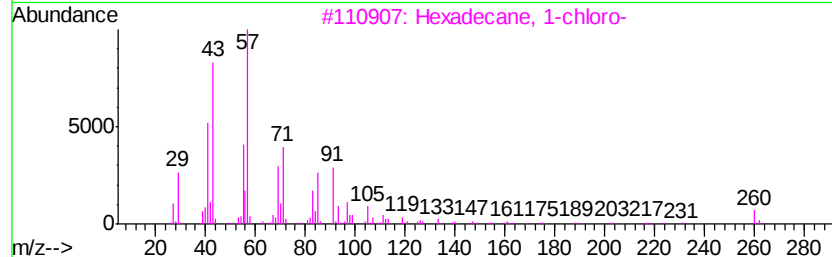
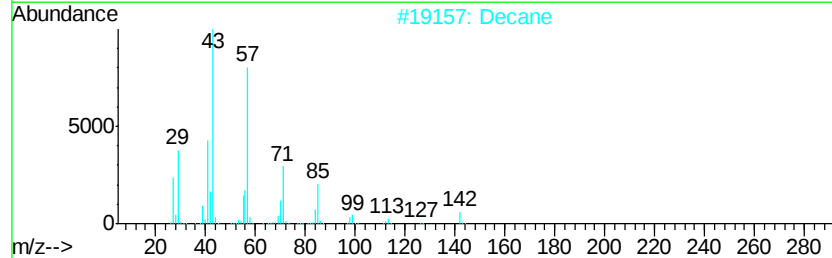
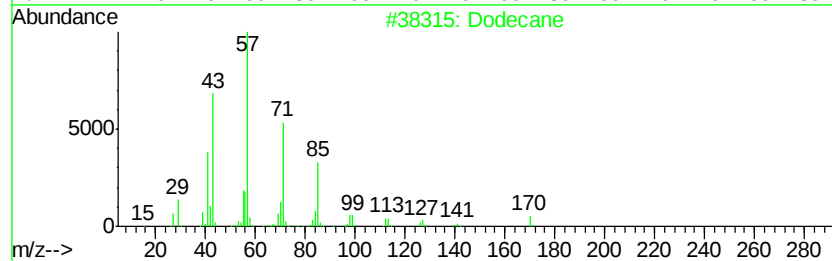
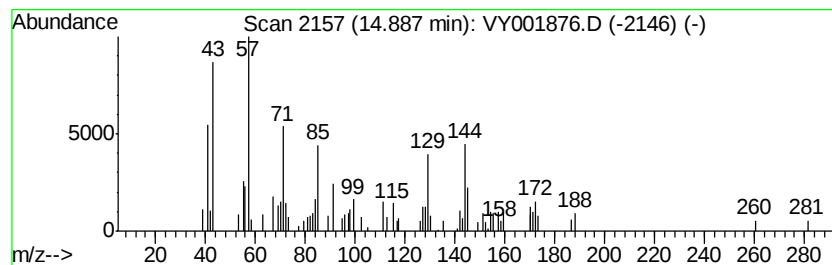
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 6 Dodecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	16.00 ug/l	35327	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	55
2		Decane	142	C10H22	000124-18-5	38
3		Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	30
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	25
5		1-Decanol, 2,2-dimethyl-	186	C12H26O	002370-15-2	25



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
Data File : VY001876.D
Acq On : 05 Mar 2020 13:06
Operator : SY/MD
Sample : L1783-01
Misc : 8.73G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

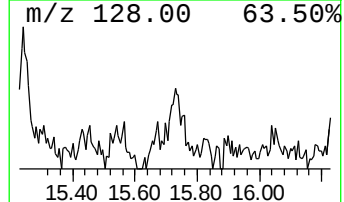
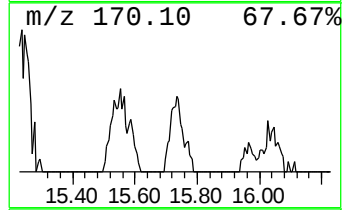
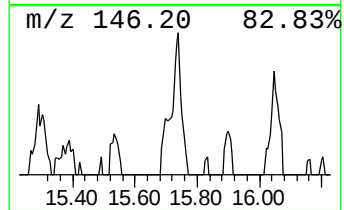
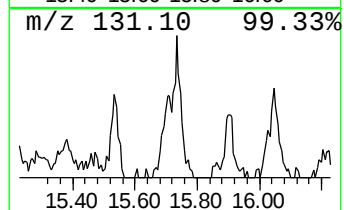
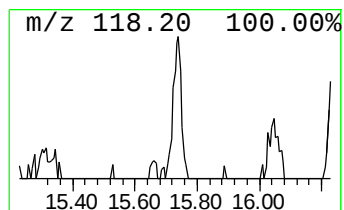
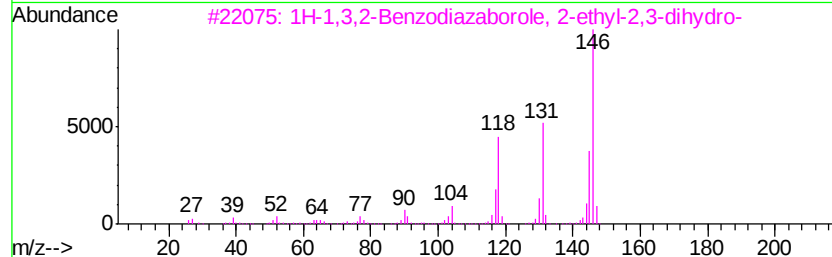
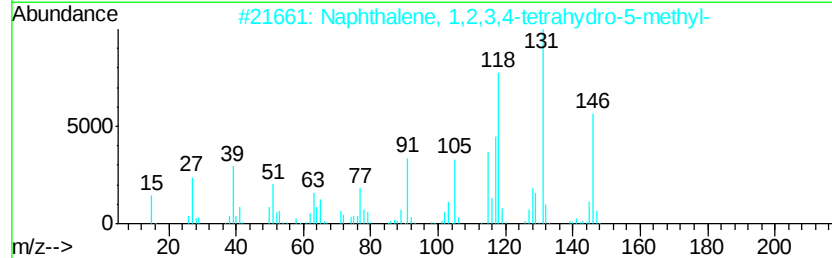
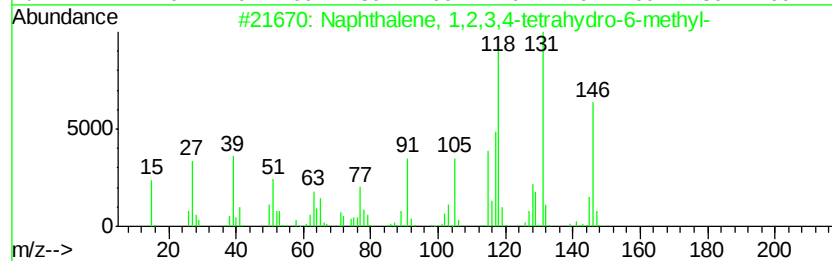
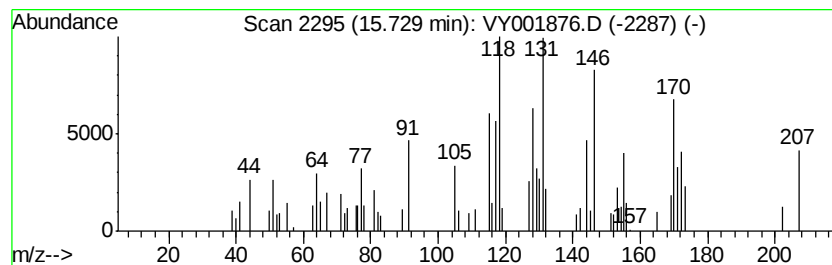
Instrument :
MSVOA_Y
ClientSampled :
GP-10-030220

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	12.75 ug/l	28153	1,4-Dichlorobenzene-d4	13.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	001680-51-9 96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146 C11H14	002809-64-5 91
3		1H-1,3,2-Benzodiazaborole, 2-eth...	146 C8H11BN2	074663-81-3 60
4		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146 C11H14	1000189-31-0 49
5		Benzene, (1-ethyl-2-propenyl)-	146 C11H14	019947-22-9 46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY030520\
Data File : VY001876.D
Acq On : 05 Mar 2020 13:06
Operator : SY/MD
Sample : L1783-01
Misc : 8.73G/5ML/MSVOA Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP-10-030220

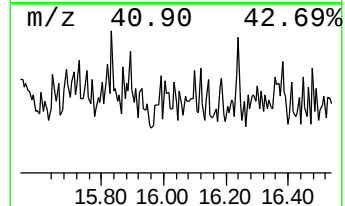
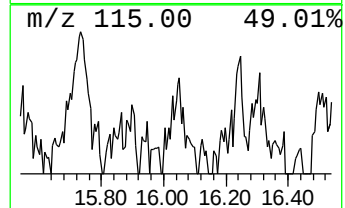
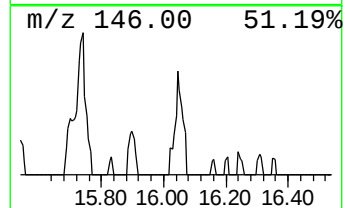
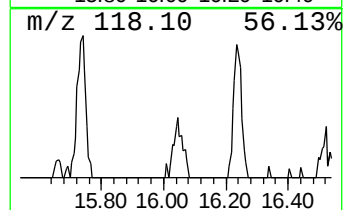
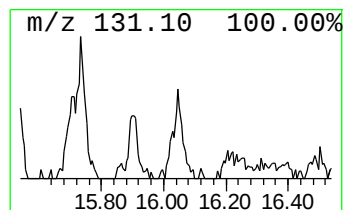
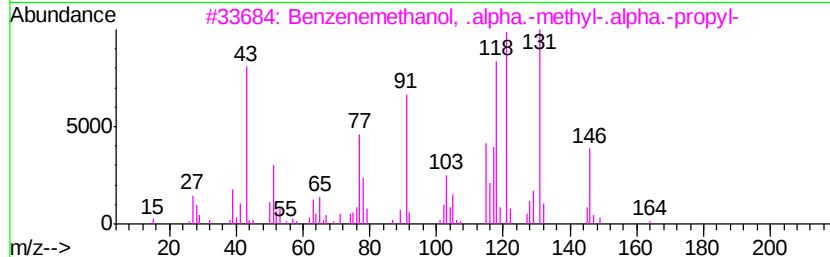
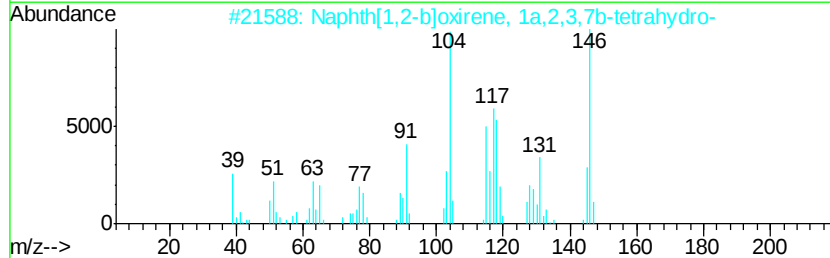
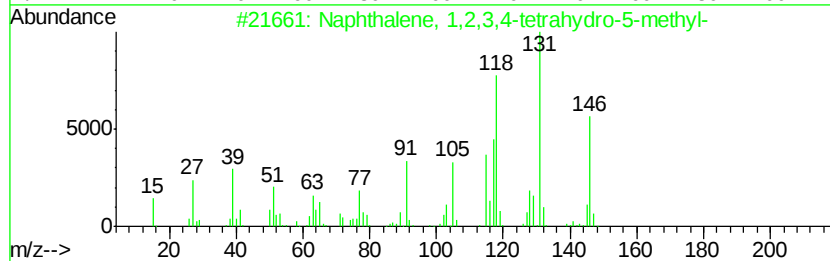
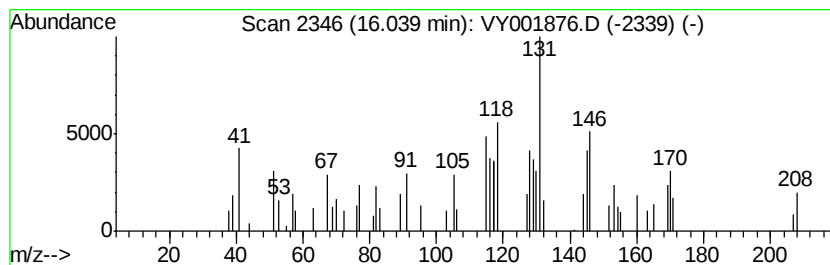
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260

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

Peak Number 8 unknown16.04 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	5.79 ug/l	12793	1,4-Dichlorobenzene-d4	13.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	46
2		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	43
3		Benzenemethanol, .alpha.-methyl-...	164	C11H16O	004383-18-0	38
4		1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	30
5		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	30



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030520\
Data File : VY001876.D
Acq On : 05 Mar 2020 13:06
Operator : SY/MD
Sample : L1783-01
Misc : 8.73G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GP-10-030220

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.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, 1,6-...	12.72	8.7	ug/l	19146	4	13.43	110419	50.0
unknown13.36	13.36	5.7	ug/l	12645	4	13.43	110419	50.0
1,1'-Biphenyl, 3-...	14.11	12.0	ug/l	26553	4	13.43	110419	50.0
unknown14.36	14.36	5.0	ug/l	11162	4	13.43	110419	50.0
unknown14.69	14.69	7.0	ug/l	15421	4	13.43	110419	50.0
Dodecane	14.89	16.0	ug/l	35327	4	13.43	110419	50.0
Naphthalene, 1,2,...	15.73	12.8	ug/l	28153	4	13.43	110419	50.0
unknown16.04	16.04	5.8	ug/l	12793	4	13.43	110419	50.0