

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
 Data File : VD069325.D
 Acq On : 03 Jun 2021 15:18
 Operator : VA/SY
 Sample : M2580-03
 Misc : 3.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 18-B1(4-6)

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_D\Method\82D060121S.M
 Title : SW846 8260

Signal : TIC: VD069325.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.914	1011	1019	1025	rBV	94784	228477	1.59%	0.731%
2	7.979	1025	1030	1042	rVB2	106406	245695	1.71%	0.786%
3	8.332	1081	1090	1101	rBV3	96400	227725	1.59%	0.729%
4	8.867	1172	1181	1190	rBV	174009	356774	2.48%	1.142%
5	10.338	1424	1431	1437	rBV	301485	560679	3.90%	1.795%
6	10.402	1437	1442	1452	rVB	207512	374430	2.61%	1.199%
7	11.643	1643	1653	1663	rBV	290582	521198	3.63%	1.668%
8	11.743	1663	1670	1679	rBV	188431	334631	2.33%	1.071%
9	11.849	1679	1688	1697	rBV	327376	655626	4.56%	2.099%
10	12.179	1732	1744	1751	rBV	158468	333813	2.32%	1.068%
11	12.485	1789	1796	1805	rBV	501172	856209	5.96%	2.741%
12	12.626	1815	1820	1828	rBV	255774	435594	3.03%	1.394%
13	12.879	1857	1863	1866	rBV	90468	150319	1.05%	0.481%
14	12.967	1870	1878	1886	rVV5	271814	690132	4.80%	2.209%
15	13.261	1923	1928	1940	rVB2	202901	416576	2.90%	1.333%
16	13.508	1963	1970	1975	rVB3	180227	409770	2.85%	1.312%
17	13.567	1975	1980	1990	rBV2	321772	736064	5.12%	2.356%
18	13.773	2010	2015	2019	rBV2	117776	220303	1.53%	0.705%
19	14.455	2117	2131	2138	rBV2	211674	606181	4.22%	1.940%
20	14.814	2186	2192	2199	rBV4	133912	304522	2.12%	0.975%
21	14.973	2214	2219	2225	rVB2	106785	183590	1.28%	0.588%
22	15.090	2231	2239	2247	rBV3	177448	365063	2.54%	1.169%
23	15.390	2279	2290	2299	rBV	8098021	14366624	100.00%	45.986%
24	15.490	2299	2307	2315	rVB	196012	387214	2.70%	1.239%
25	16.484	2468	2476	2490	rVB	2245448	4617570	32.14%	14.780%
26	16.690	2502	2511	2522	rVB	1199886	2656611	18.49%	8.503%

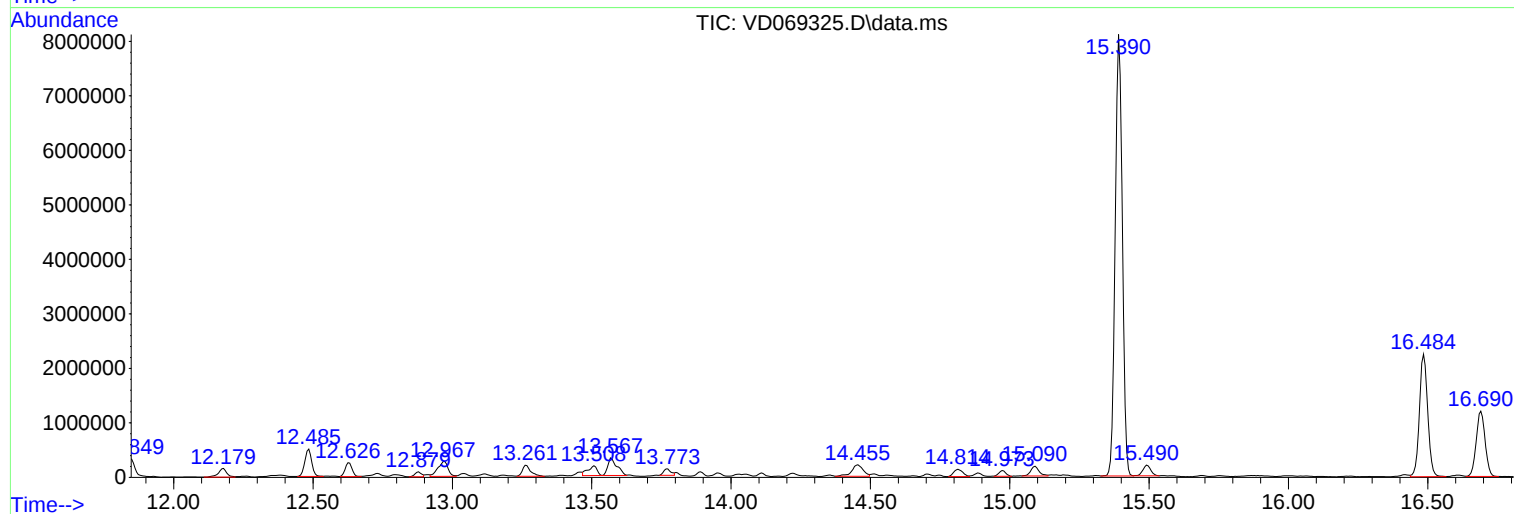
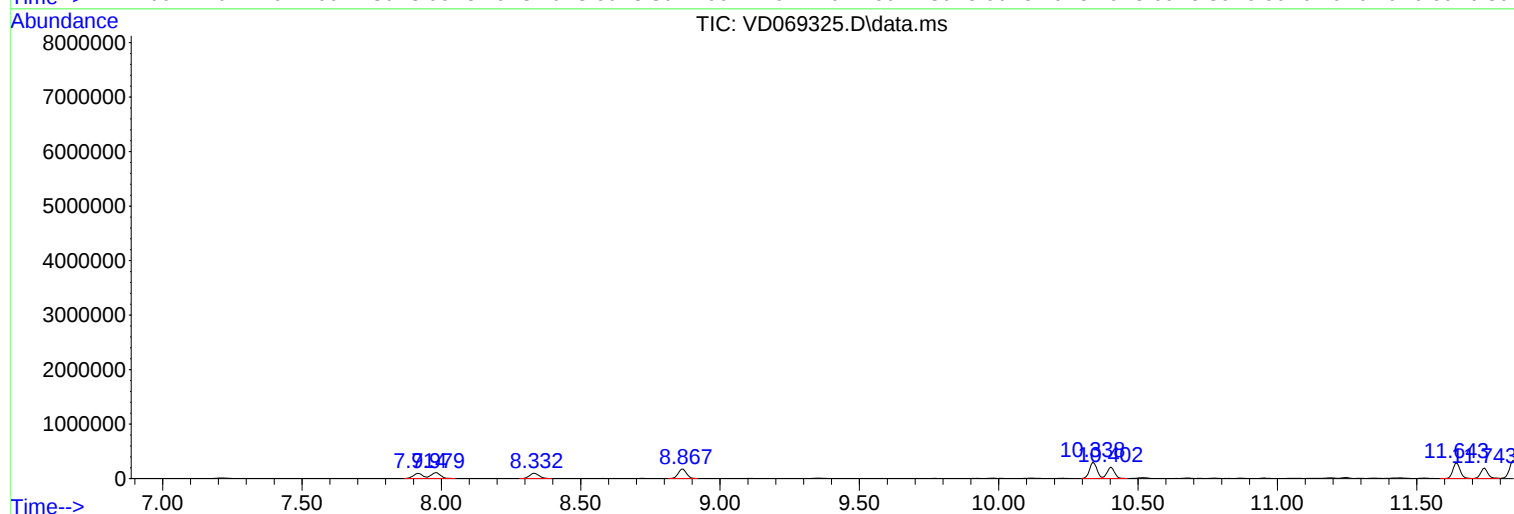
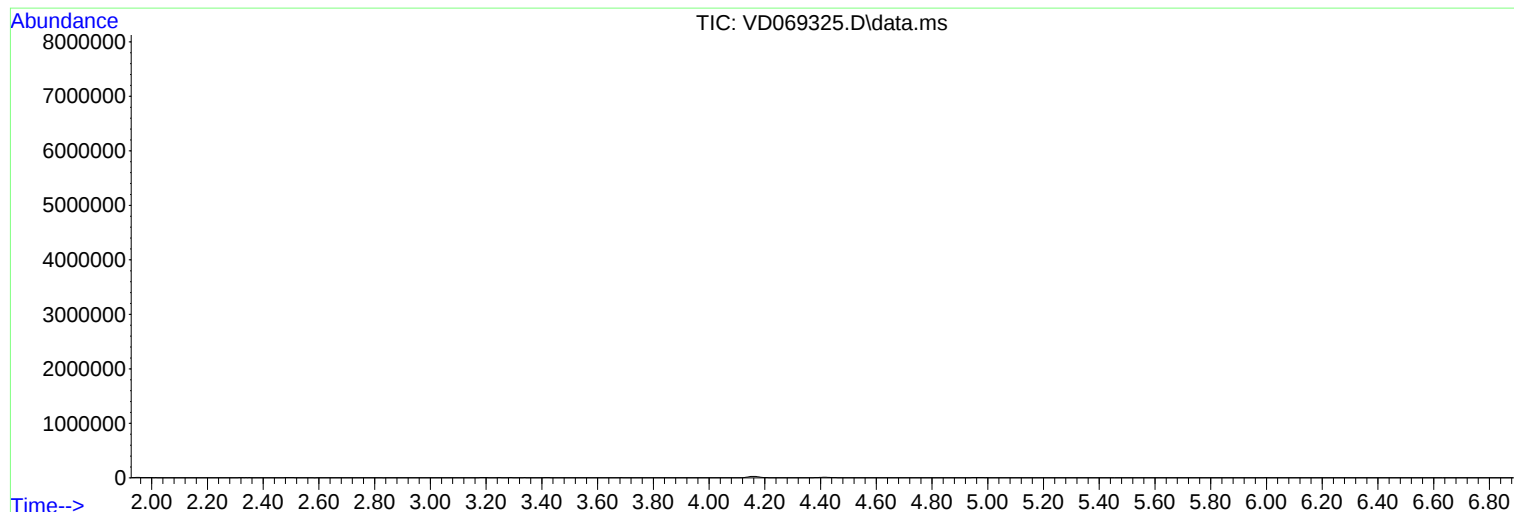
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
18-B1(4-6)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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



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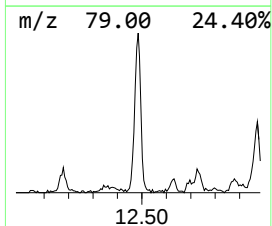
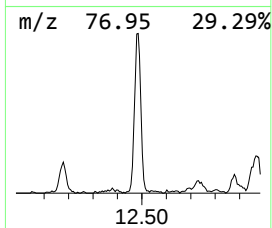
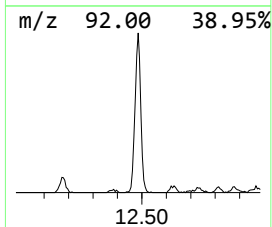
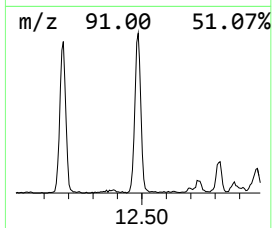
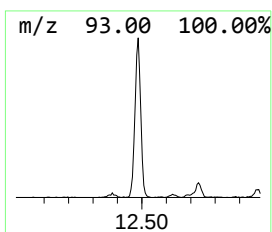
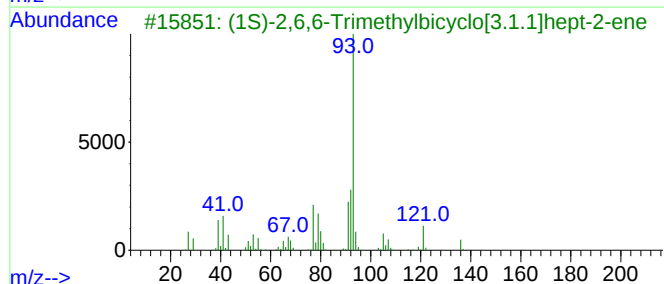
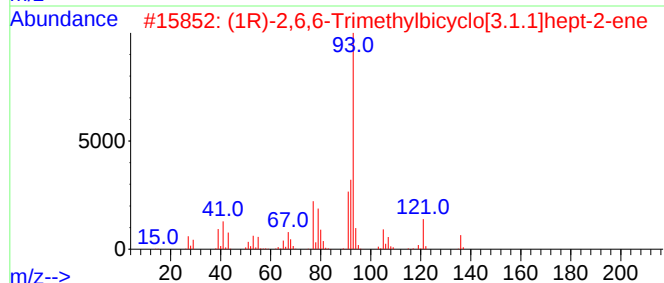
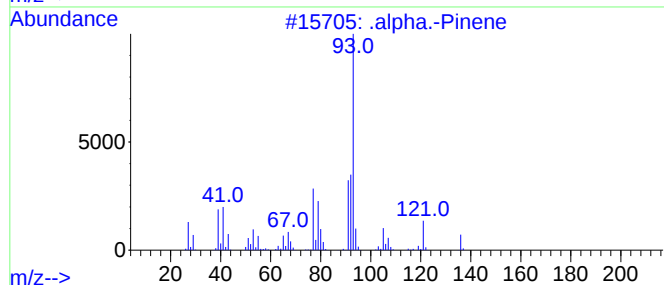
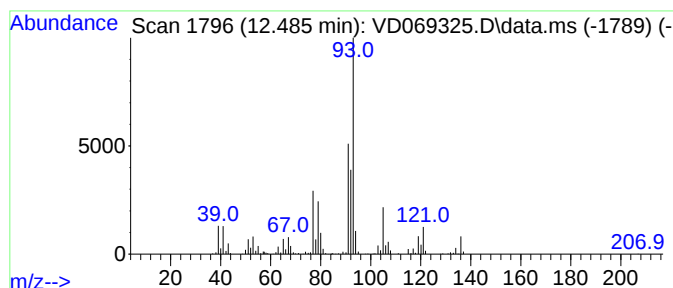
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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

Peak Number 1 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.485	82.14 ug/l	856209	Chlorobenzene-d5	11.643

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.		.alpha.-Pinene	136	C10H16	000080-56-8	93
2	(1R)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-70-8	93
3	(1S)-2,6,6-Trimethylbicyclo[3.1...			136	C10H16	007785-26-4	93
4	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...			136	C10H16	004889-83-2	90
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...			136	C10H16	000488-97-1	80



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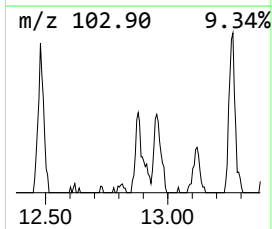
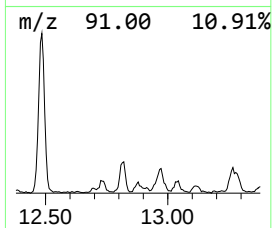
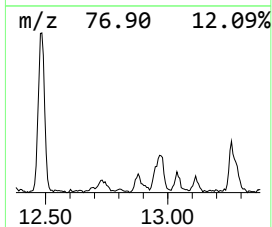
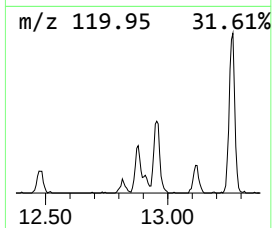
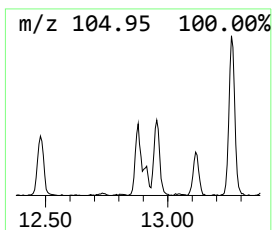
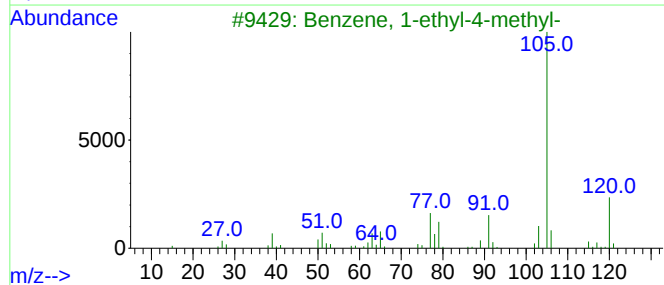
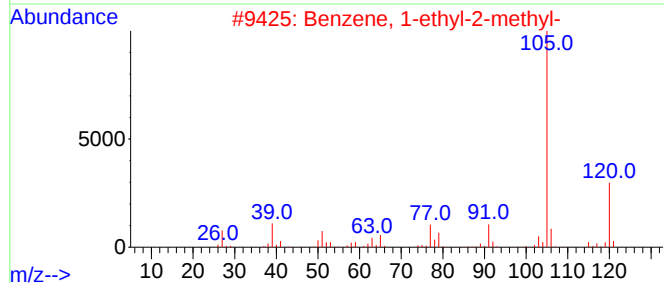
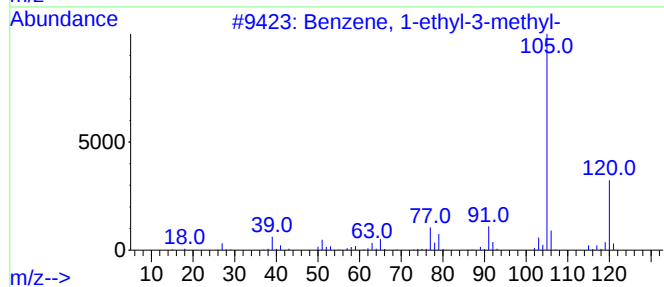
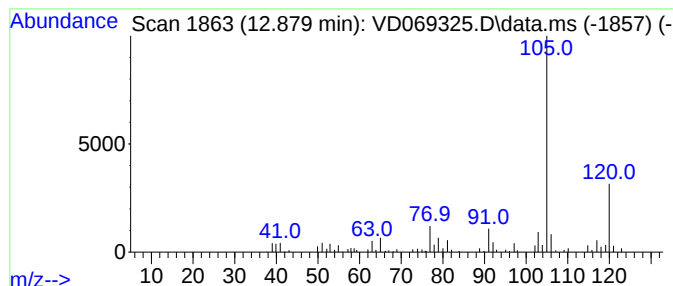
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.879	10.21 ug/l	150319	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
4			Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5			Mesitylene	120	C9H12	000108-67-8	87



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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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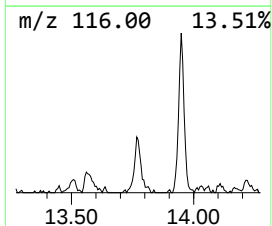
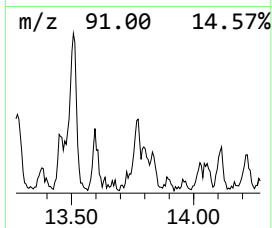
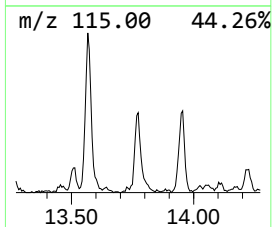
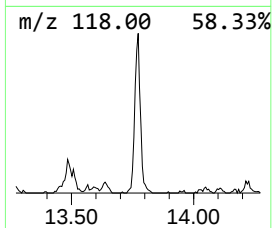
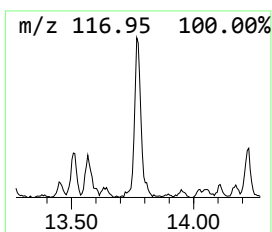
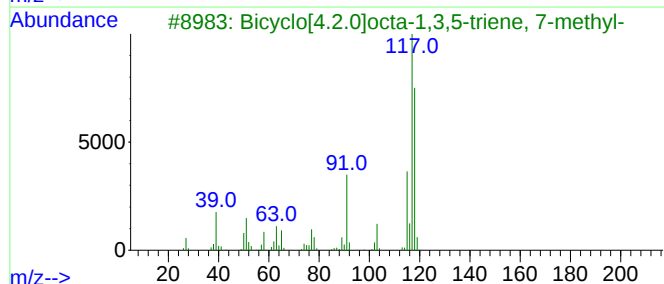
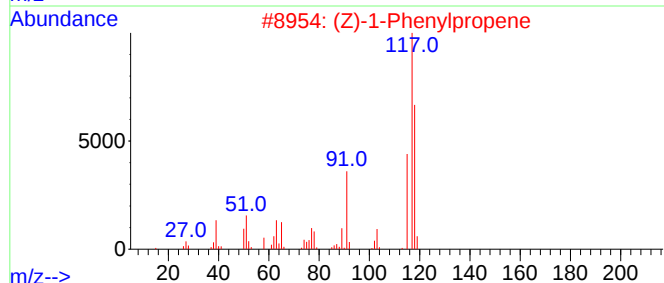
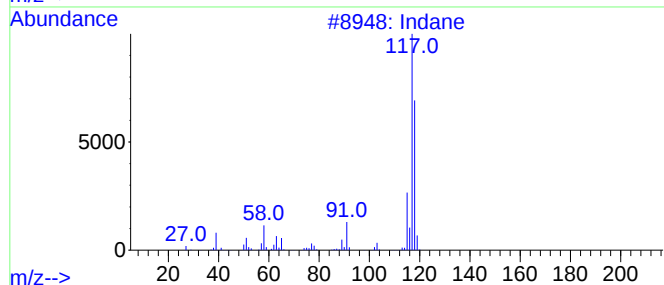
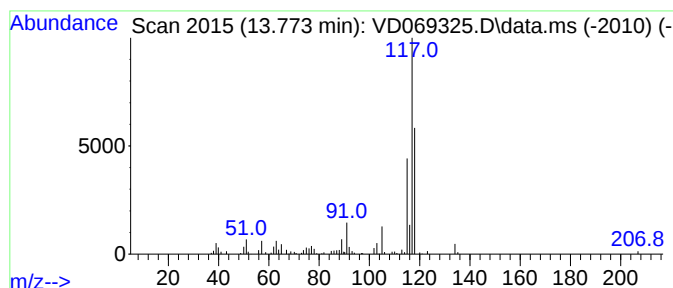
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Quant Title : SW846 8260

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

Peak Number 3 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.773	14.96 ug/l	220303	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	70
2			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70
3			Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	58
4			Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
5			3-Bromo-1-phenyl-1-propene	196	C9H9Br	004392-24-9	53



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ALS Vial : 10 Sample Multiplier: 1

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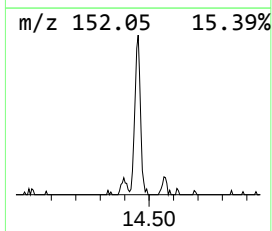
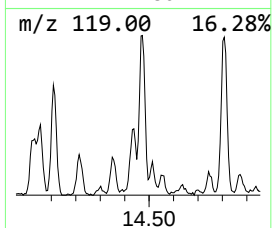
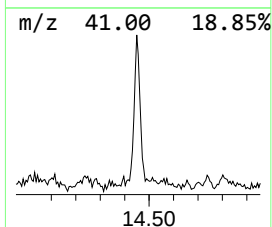
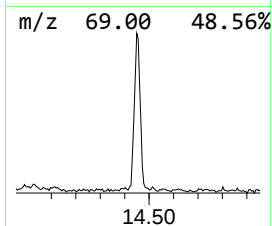
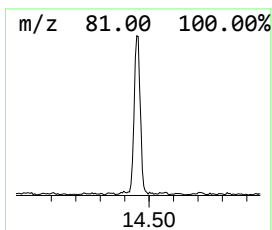
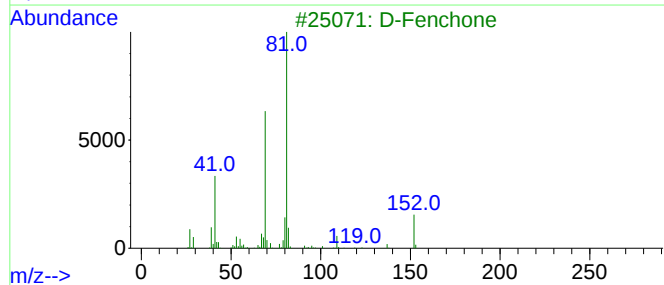
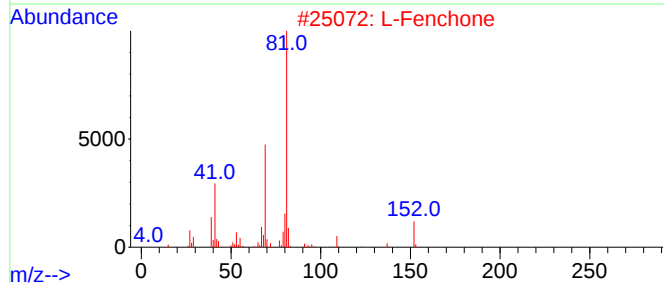
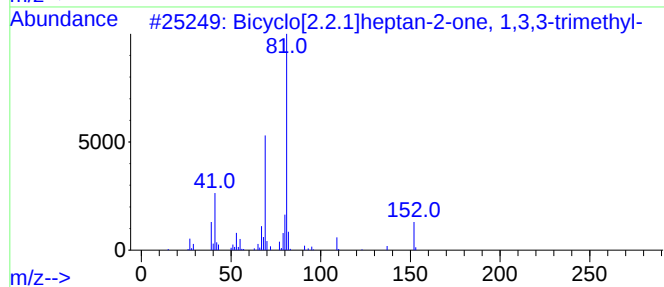
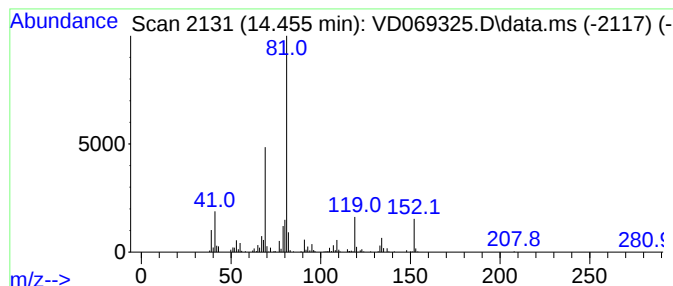
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Peak Number 4 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.455	41.18 ug/l	606181	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-one, 1,3,...	152	C10H16O	001195-79-5	87
2			L-Fenchone	152	C10H16O	007787-20-4	81
3			D-Fenchone	152	C10H16O	004695-62-9	81
4			2-Cyclopentene-1-carboxylic acid...	126	C7H10O2	068317-77-1	50
5			1,E-4,Z-8-Dodecatriene	164	C12H20	083489-22-9	50



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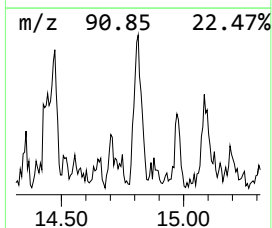
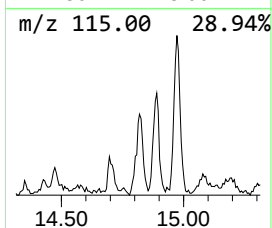
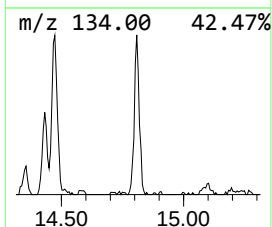
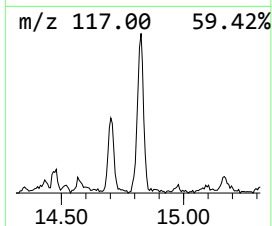
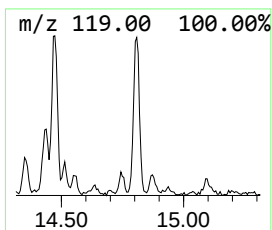
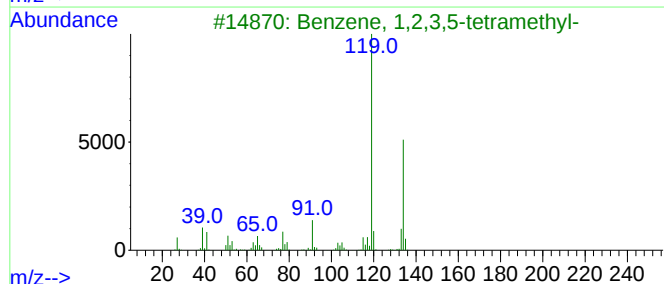
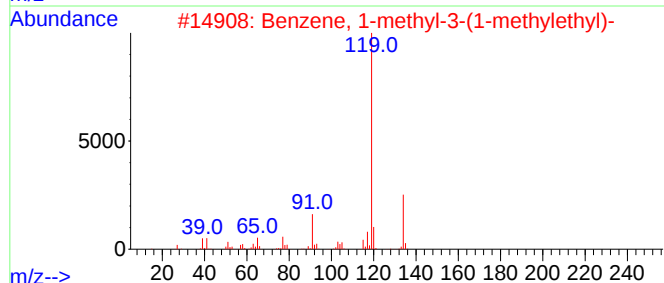
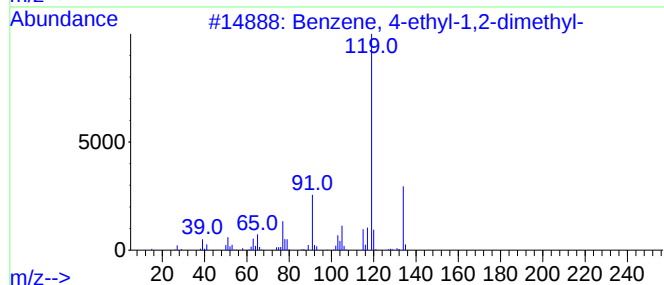
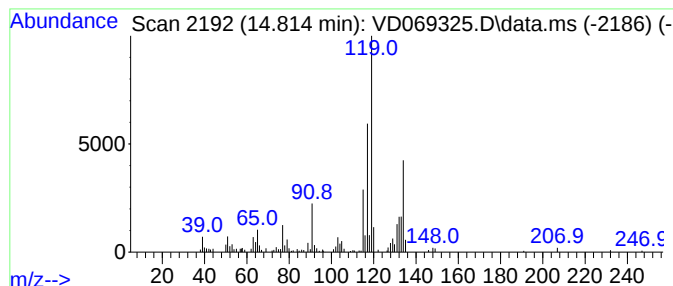
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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

Peak Number 5 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.814	20.69 ug/l	304522	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
2			Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	64
3			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	64
4			Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
5			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64



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18-B1(4-6)

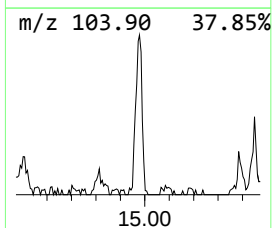
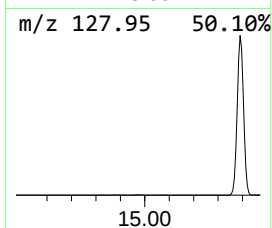
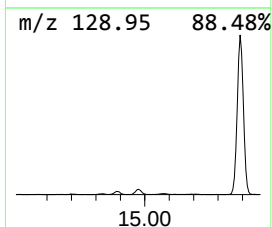
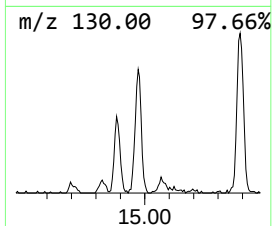
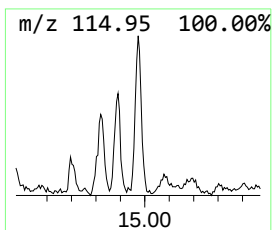
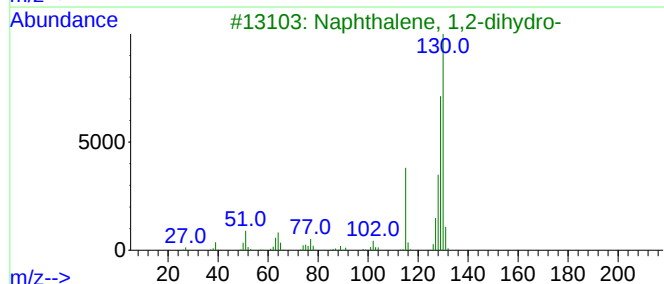
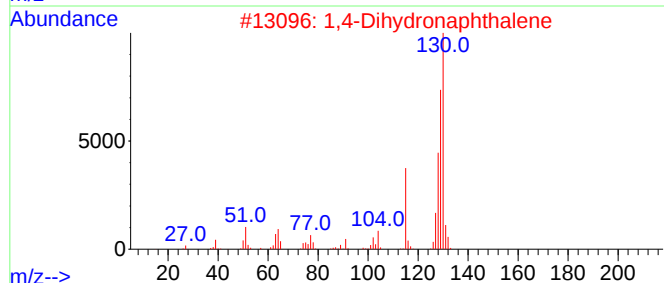
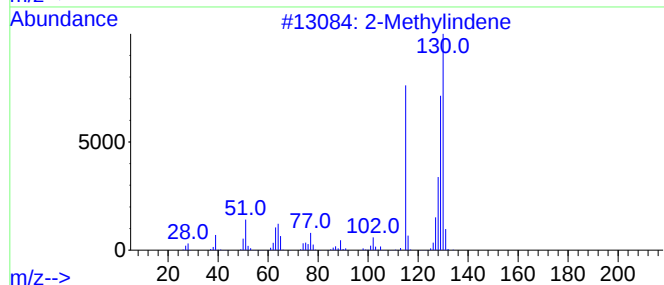
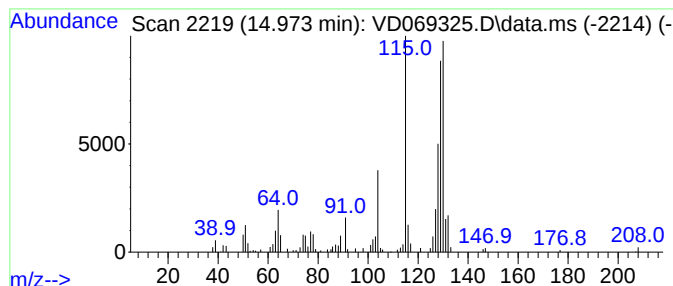
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Quant Title : SW846 8260

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

Peak Number 6 2-Methylindene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.973	12.47 ug/l	183590	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	94
2			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	91
3			Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	81
4			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	76
5			Benzene, 1-methyl-4-(1-propynyl)-	130	C10H10	002749-93-1	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069325.D
Acq On : 03 Jun 2021 15:18
Operator : VA/SY
Sample : M2580-03
Misc : 3.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
18-B1(4-6)

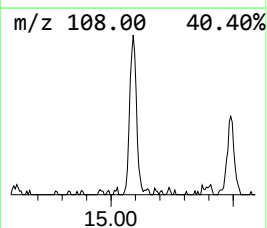
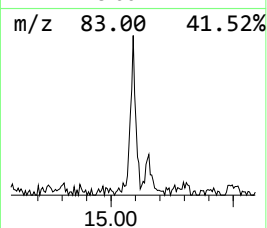
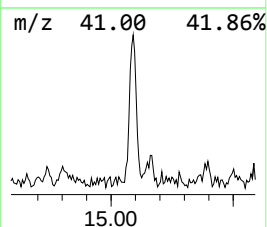
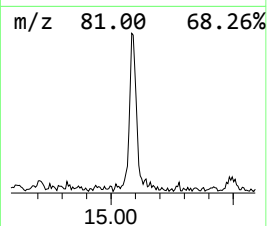
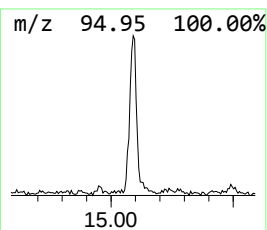
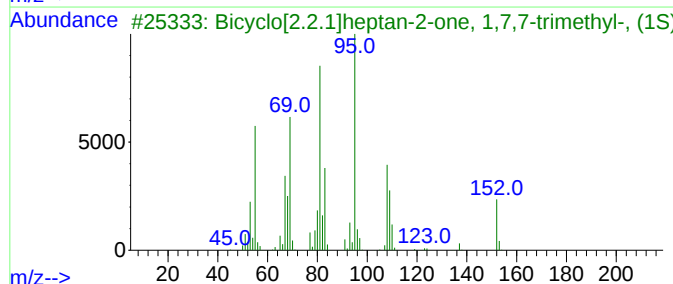
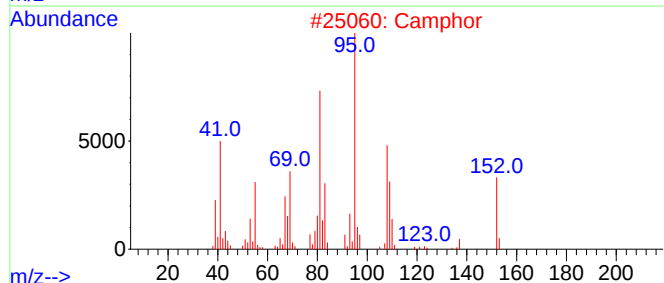
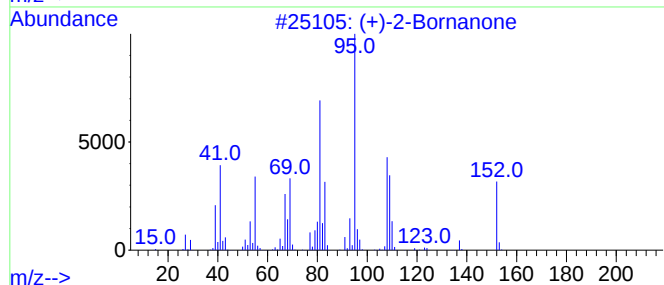
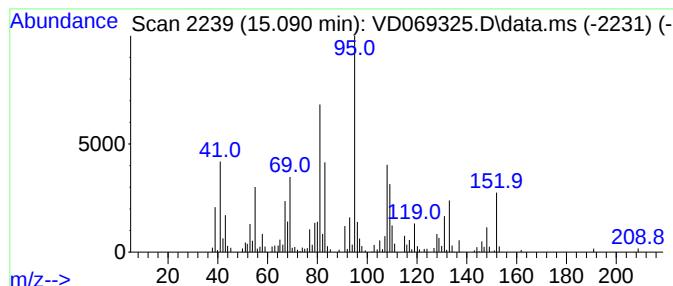
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Quant Title : SW846 8260

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

Peak Number 7 (+)-2-Bornanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.090	24.80 ug/l	365063	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(+)-2-Bornanone	152	C10H16O	000464-49-3	96
2			Camphor	152	C10H16O	000076-22-2	93
3			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	86
4			Tricyclo[2.2.1.0(2,6)]heptan-3-o...	152	C10H16O	062560-53-6	46
5			4-(1,2-Dimethyl-cyclopent-2-enyl...	166	C11H18O	075698-06-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069325.D
Acq On : 03 Jun 2021 15:18
Operator : VA/SY
Sample : M2580-03
Misc : 3.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
18-B1(4-6)

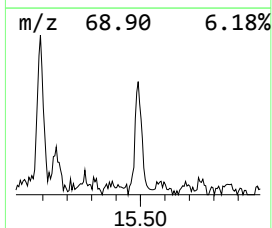
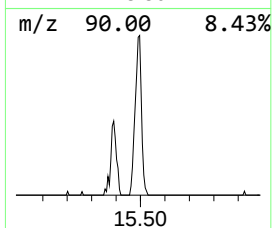
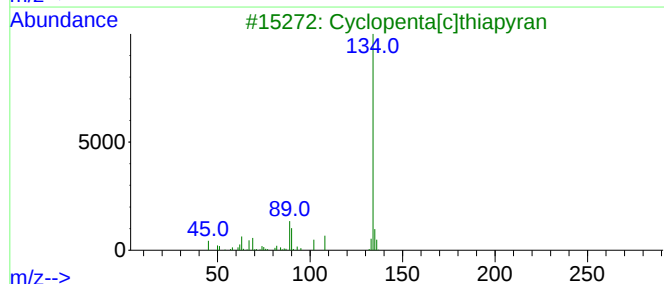
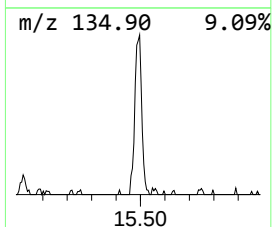
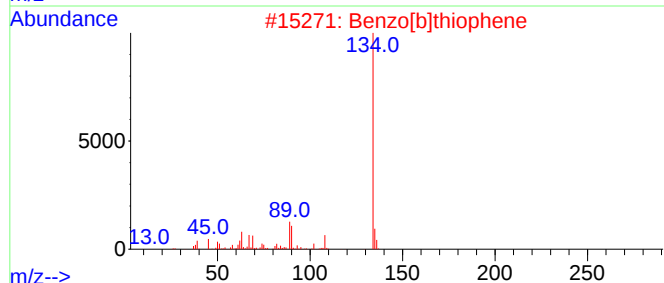
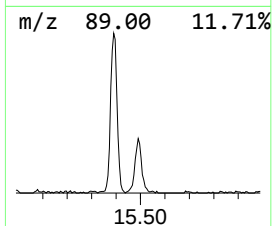
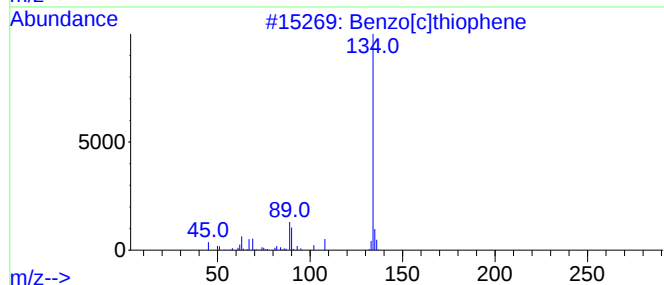
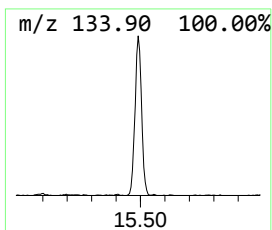
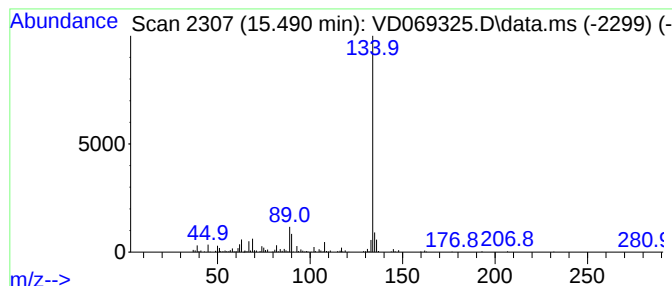
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Quant Title : SW846 8260

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

Peak Number 8 Benzo[c]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.490	26.30 ug/l	387214	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	97
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90
4			[1]Benzo[thieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	72
5			Benzo[b]cyclobuta[d]thiophene-1,...	264	C13H12O4S	034244-75-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069325.D
Acq On : 03 Jun 2021 15:18
Operator : VA/SY
Sample : M2580-03
Misc : 3.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
18-B1(4-6)

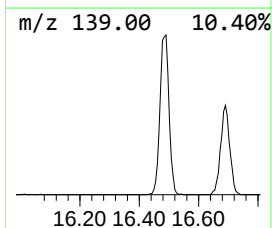
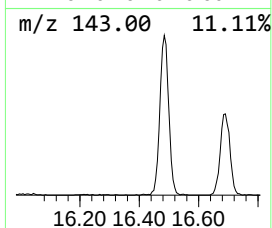
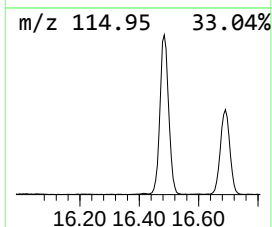
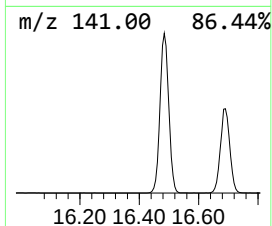
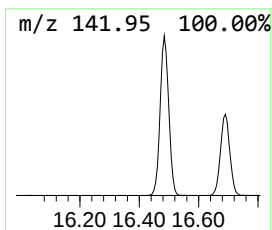
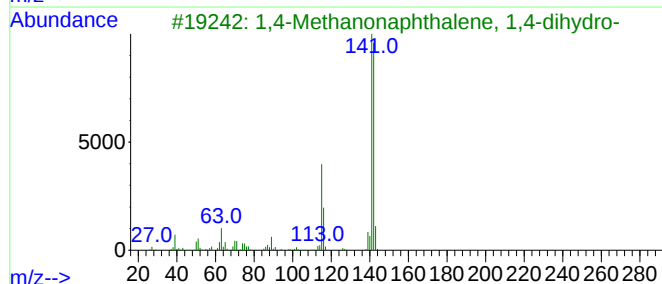
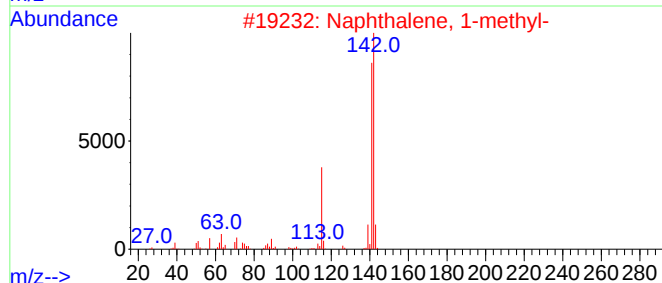
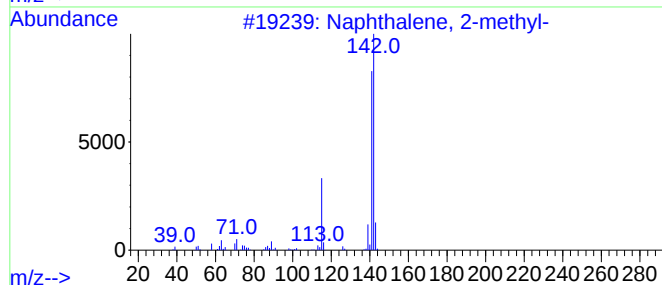
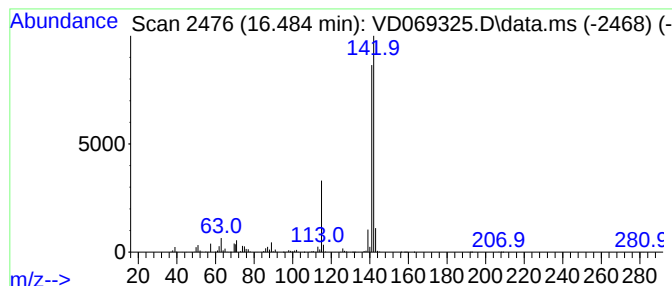
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.484	313.67 ug/l	4617570	1,4-Dichlorobenzene-d4	13.567

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			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069325.D
Acq On : 03 Jun 2021 15:18
Operator : VA/SY
Sample : M2580-03
Misc : 3.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
18-B1(4-6)

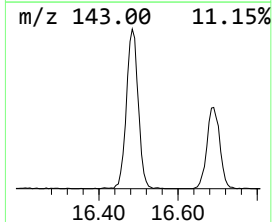
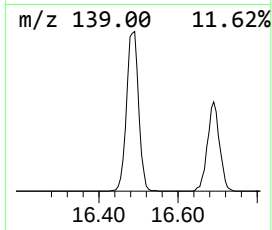
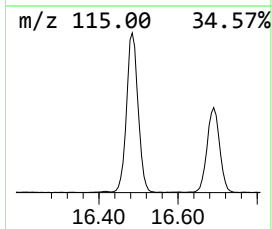
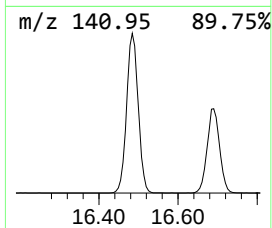
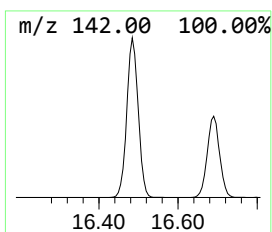
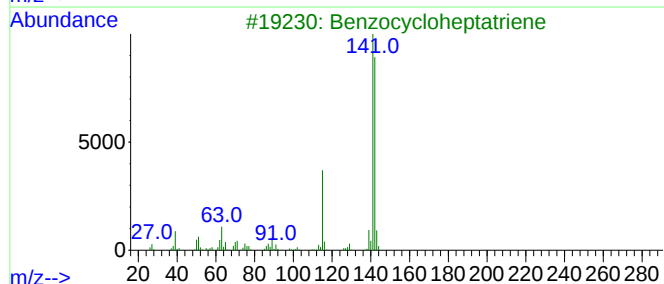
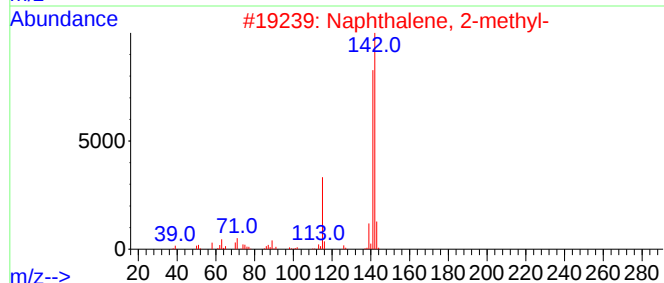
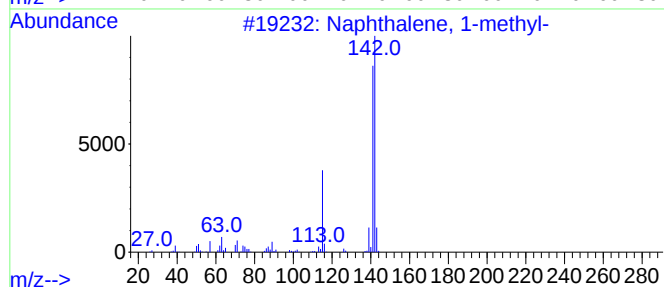
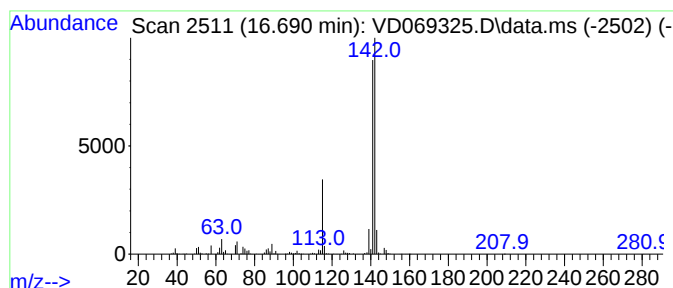
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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

Peak Number 10 Benzocycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.690	180.46 ug/l	2656610	1,4-Dichlorobenzene-d4	13.567

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	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	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060321\
Data File : VD069325.D
Acq On : 03 Jun 2021 15:18
Operator : VA/SY
Sample : M2580-03
Misc : 3.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
18-B1(4-6)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.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
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Benzene, 1-ethy...	12.879	10.2	ug/l	150319	4	13.567	736064	50.0
Indane	13.773	15.0	ug/l	220303	4	13.567	736064	50.0
Bicyclo[2.2.1]h...	14.455	41.2	ug/l	606181	4	13.567	736064	50.0
Benzene, 4-ethy...	14.814	20.7	ug/l	304522	4	13.567	736064	50.0
2-Methylindene	14.973	12.5	ug/l	183590	4	13.567	736064	50.0
(+)-2-Bornanone	15.090	24.8	ug/l	365063	4	13.567	736064	50.0
Benzo[c]thiophene	15.490	26.3	ug/l	387214	4	13.567	736064	50.0
Naphthalene, 1-...	16.484	313.7	ug/l	4617570	4	13.567	736064	50.0
Benzocyclohepta...	16.690	180.5	ug/l	2656610	4	13.567	736064	50.0