

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121619\
Data File : VD064526.D
Acq On : 16 Dec 2019 16:32
Operator : VA/SY
Sample : K6325-04
Misc : 7.41G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RT-3425

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\82D112719S.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	12.490	1789	1797	1804	rBV2	169216	302325	1.04%	0.505%
2	13.502	1958	1969	1977	rBV	256145	490107	1.69%	0.819%
3	13.784	2005	2017	2032	rBV	2435920	4022823	13.90%	6.723%
4	13.967	2040	2048	2056	rBV	2391368	3947089	13.63%	6.596%
5	14.425	2120	2126	2134	rBV3	146895	331193	1.14%	0.553%
6	14.520	2134	2142	2150	rVV2	324405	753787	2.60%	1.260%
7	14.843	2189	2197	2202	rBV2	192836	376596	1.30%	0.629%
8	15.414	2285	2294	2304	rBV	16118041	28950343	100.00%	48.382%
9	15.514	2304	2311	2319	rVB	420001	797519	2.75%	1.333%
10	16.514	2473	2481	2492	rVV	6811450	14292527	49.37%	23.886%
11	16.719	2507	2516	2526	rVB	2503675	5573071	19.25%	9.314%

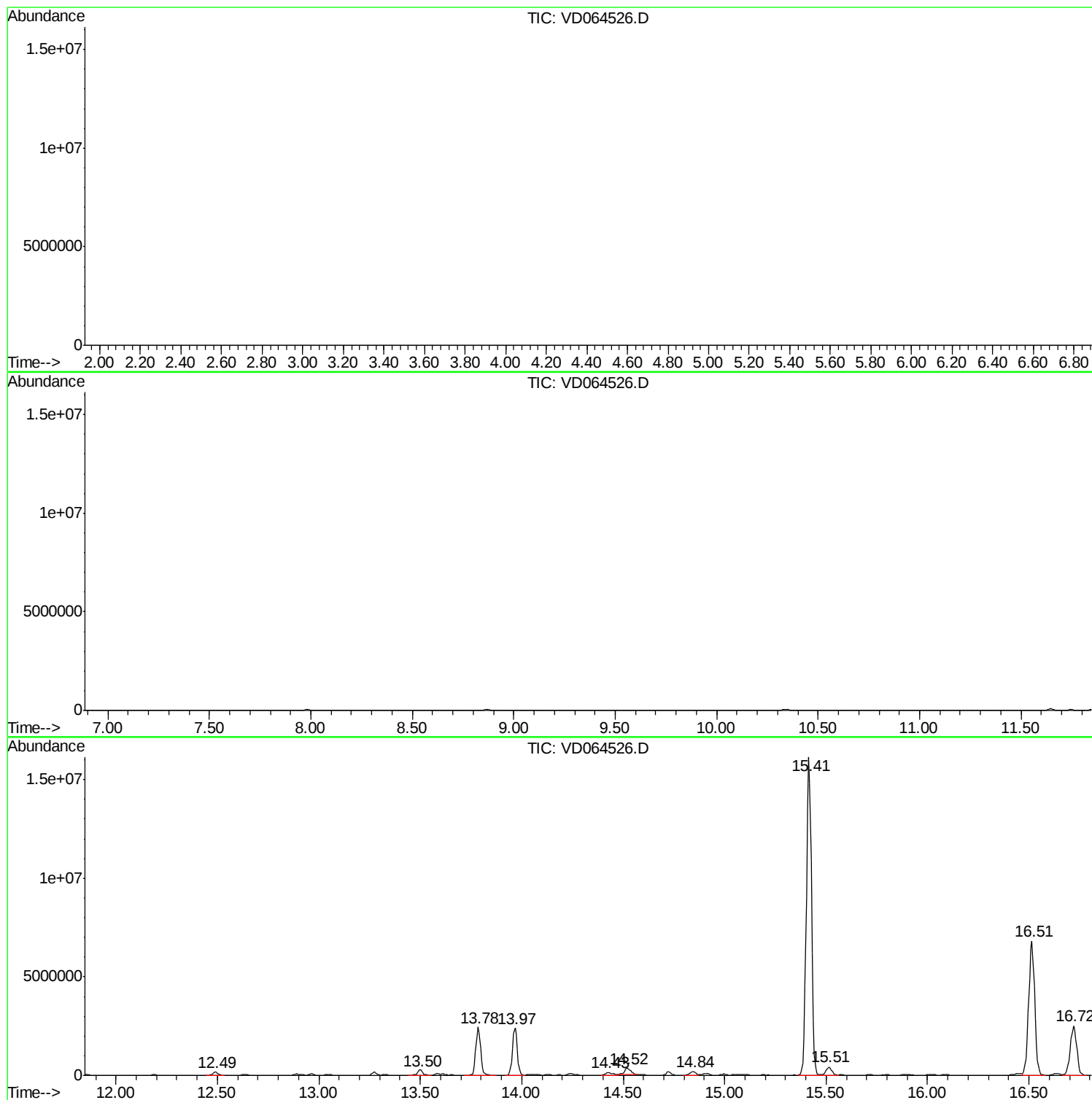
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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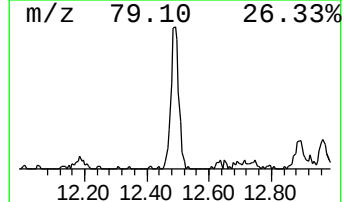
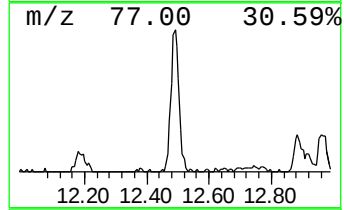
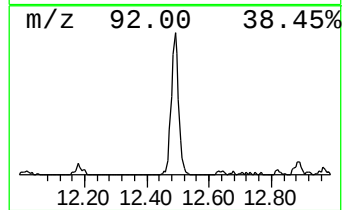
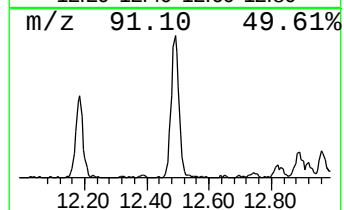
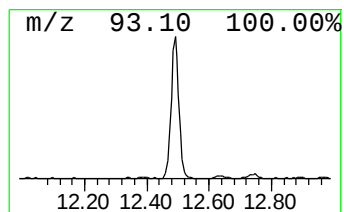
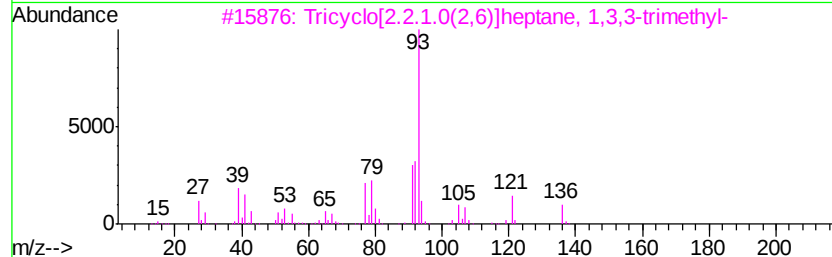
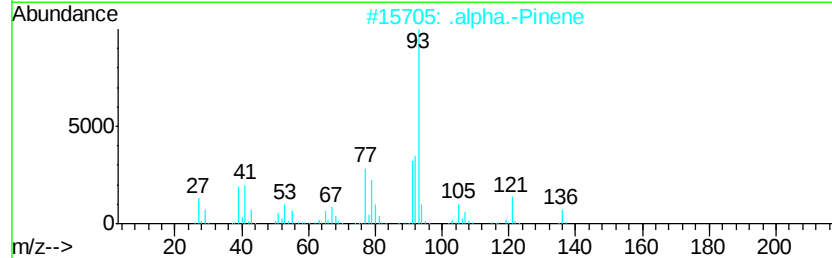
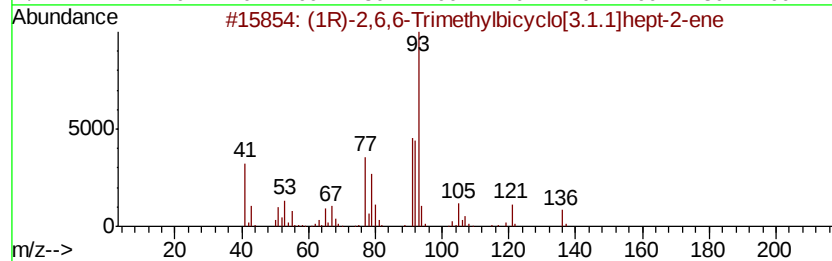
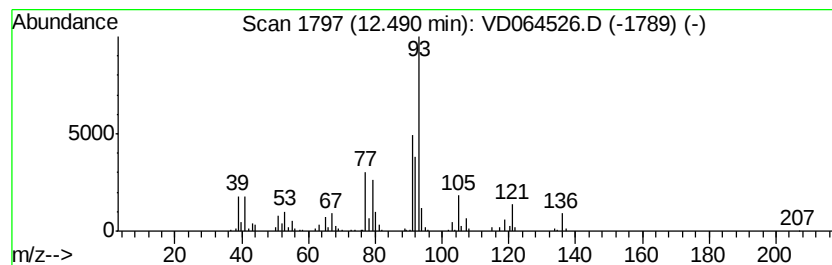
Instrument :
MSVOA_D
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.49	50.00 ug/l	302325	Chlorobenzene-d5	11.65		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	97
2		.alpha.-Pinene	136	C10H16	000080-56-8	94
3		Tricyclo[2.2.1.0(2,6)]heptane, 1,3,3-trimethyl-	136	C10H16	000488-97-1	91
4		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	91
5		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91



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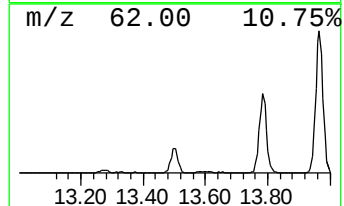
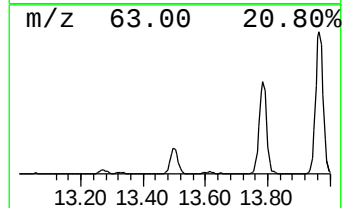
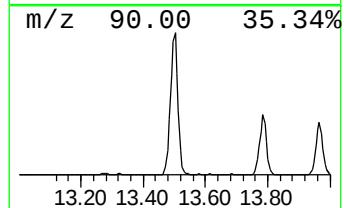
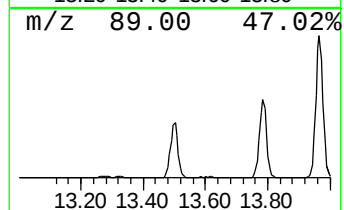
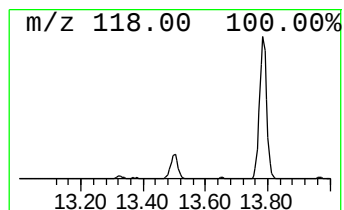
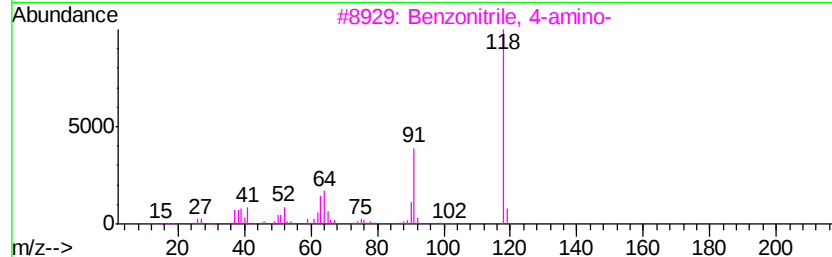
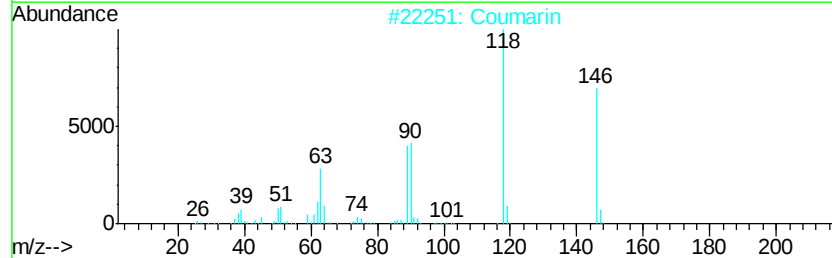
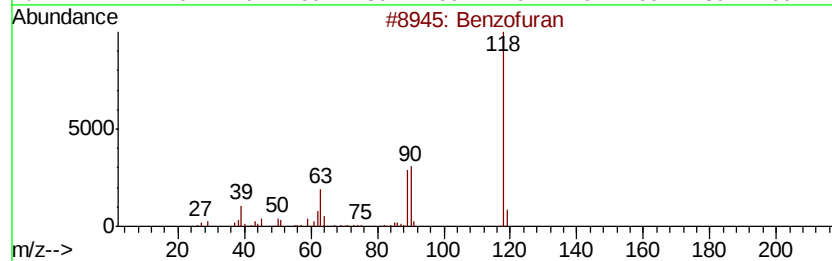
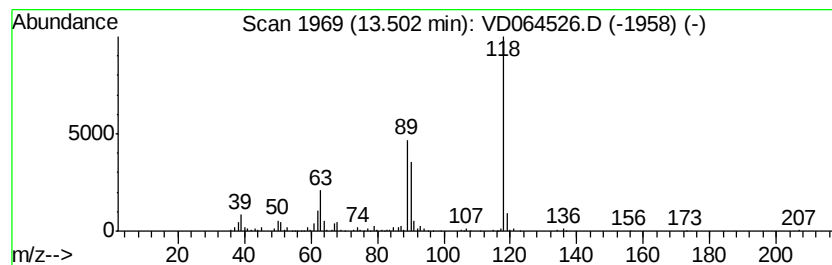
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Quant Title : SW846 8260

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

Peak Number 2 Benzofuran Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.50	50.00 ug/l	490107	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran	118	C8H6O	000271-89-6	87
2		Coumarin	146	C9H6O2	000091-64-5	59
3		Benzonitrile, 4-amino-	118	C7H6N2	000873-74-5	53
4		4-Methylphthalic anhydride	162	C9H6O3	019438-61-0	50
5		1H-Tetrazole, 5-phenyl-	146	C7H6N4	018039-42-4	45



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Instrument :
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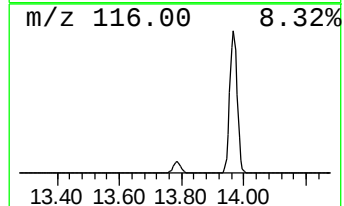
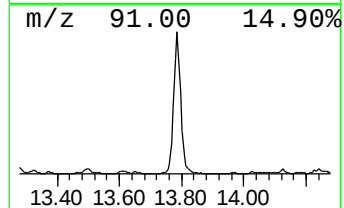
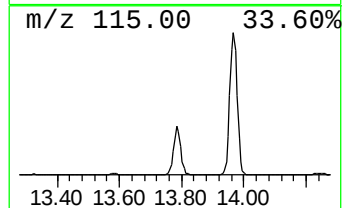
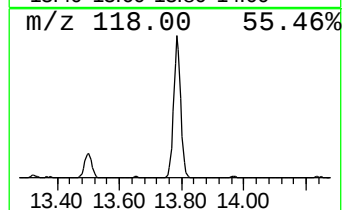
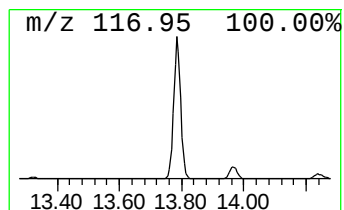
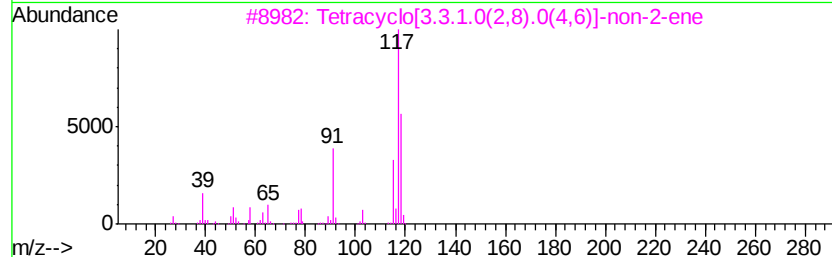
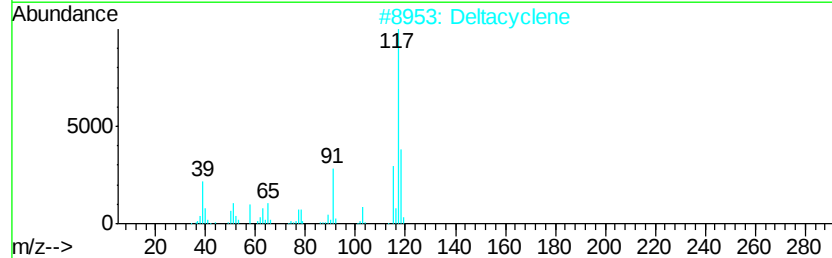
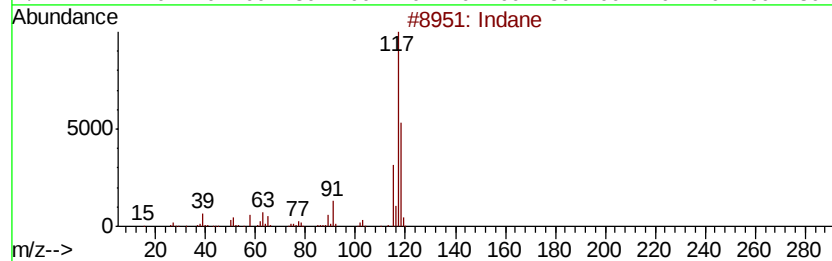
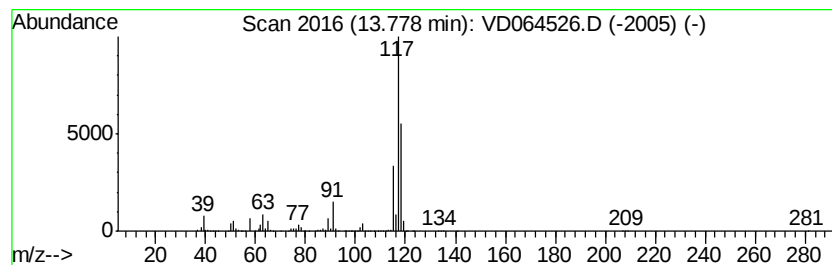
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Quant Title : SW846 8260

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

Peak Number 3 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	410.40 ug/l	4022820	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Deltacyclene		118	C9H10	007785-10-6	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-	...	118	C9H10	1000191-13-7	64
4	Benzene, 2-propenyl-		118	C9H10	000300-57-2	60
5	Benzene, 1-propenyl-		118	C9H10	000637-50-3	53



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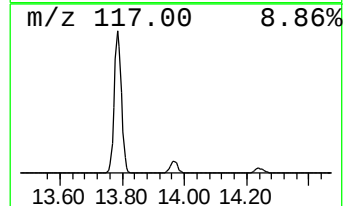
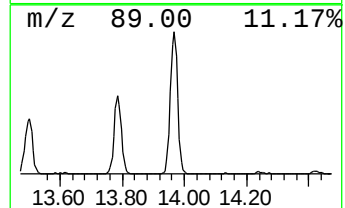
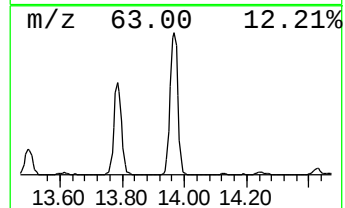
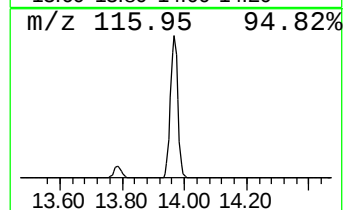
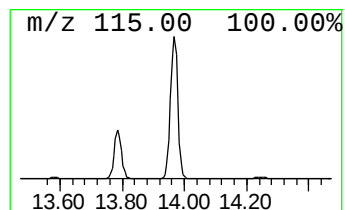
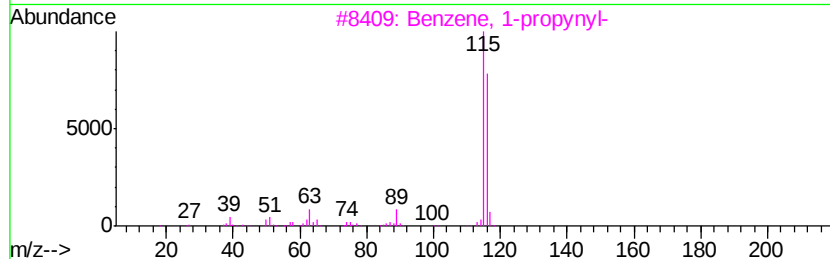
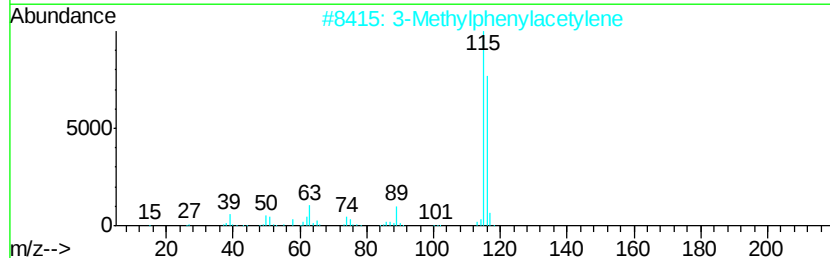
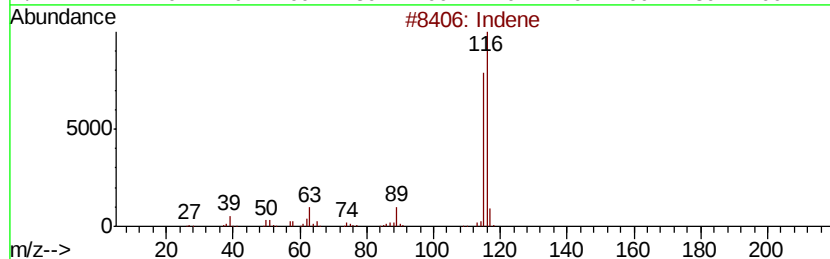
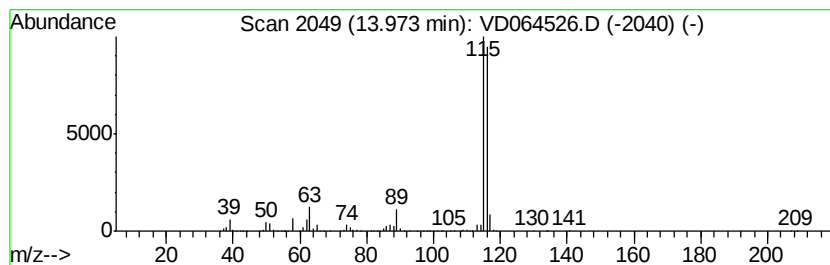
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	402.68 ug/l	3947090	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	3-Methylphenylacetylene		116	C9H8	000766-82-5	91
3	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
4	2-Methylphenylacetylene		116	C9H8	000766-47-2	91
5	Benzene, 1-ethynyl-4-methyl-		116	C9H8	000766-97-2	90



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Instrument :
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ClientSampleId :
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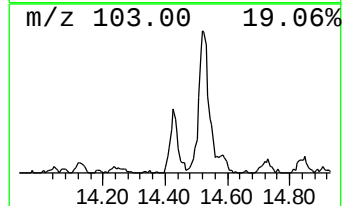
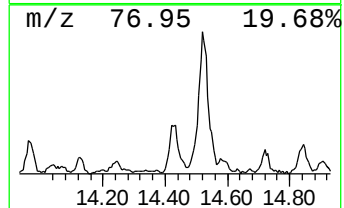
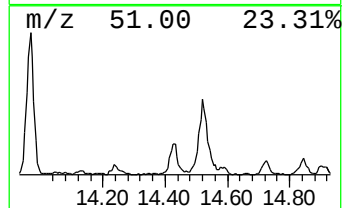
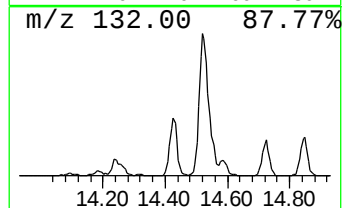
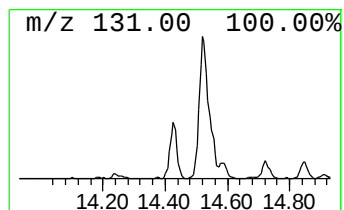
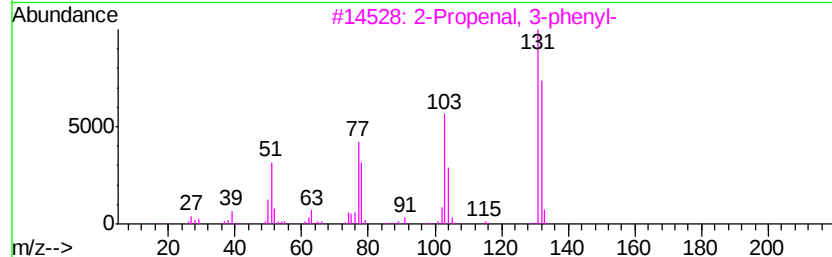
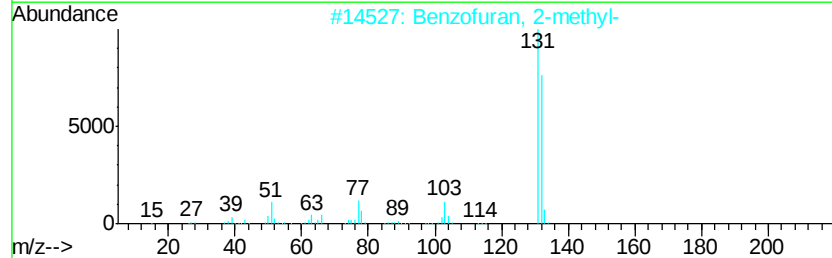
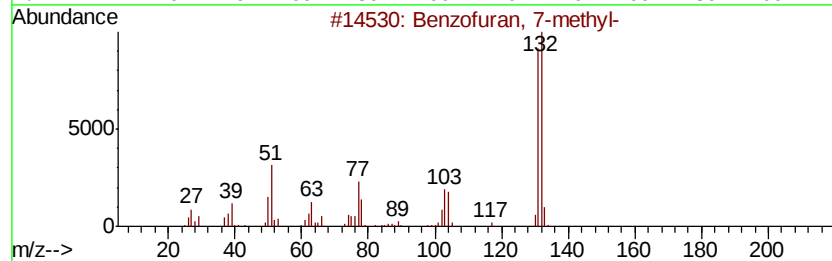
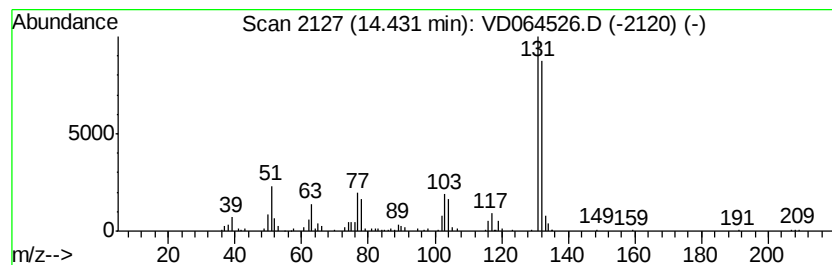
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.43	33.79 ug/l	331193	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3		2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
4		3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87



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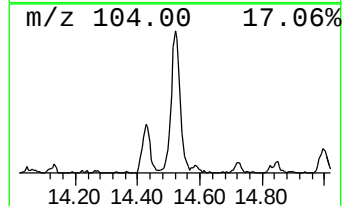
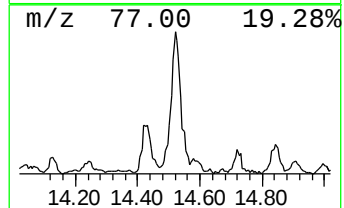
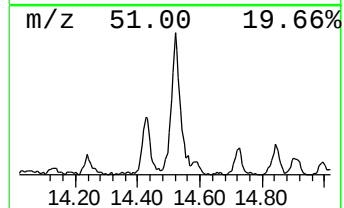
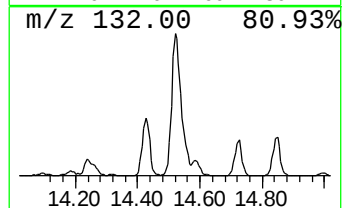
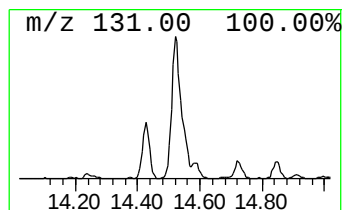
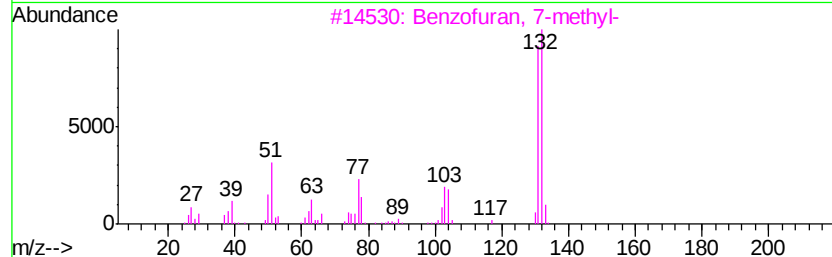
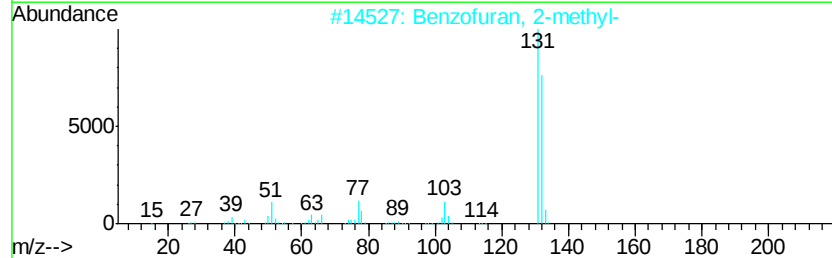
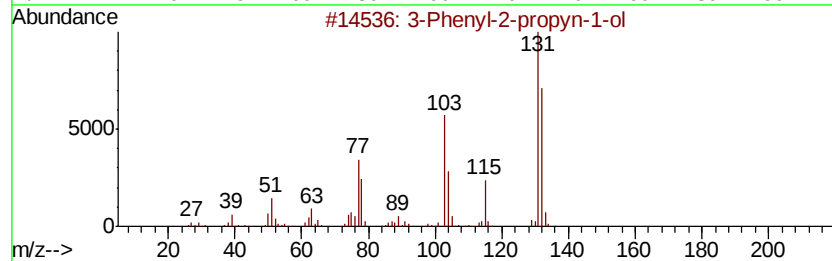
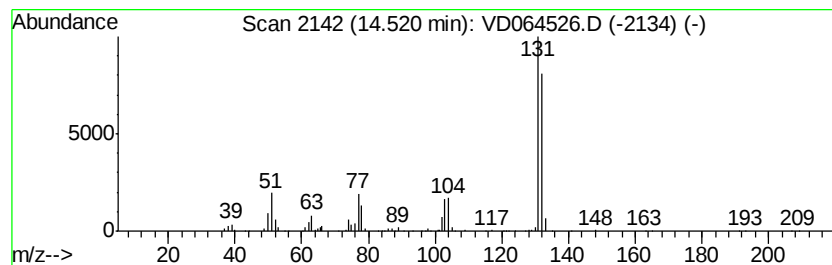
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 3-Phenyl-2-propyn-1-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	76.90 ug/l	753787	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	94
2		Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3		Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
4		2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87
5		Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121619\
Data File : VD064526.D
Acq On : 16 Dec 2019 16:32
Operator : VA/SY
Sample : K6325-04
Misc : 7.41G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RT-3425

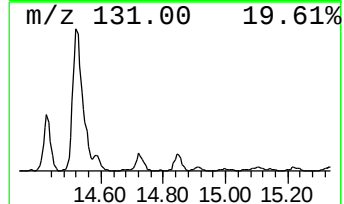
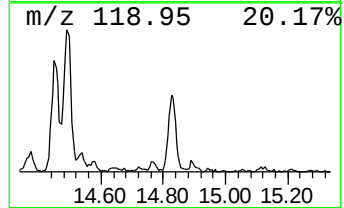
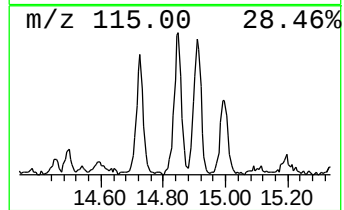
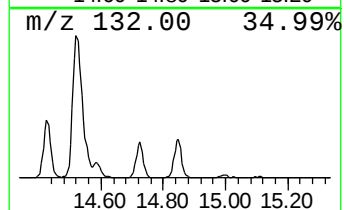
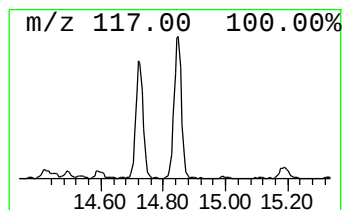
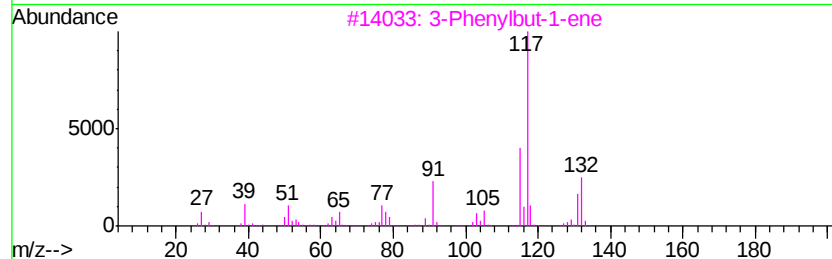
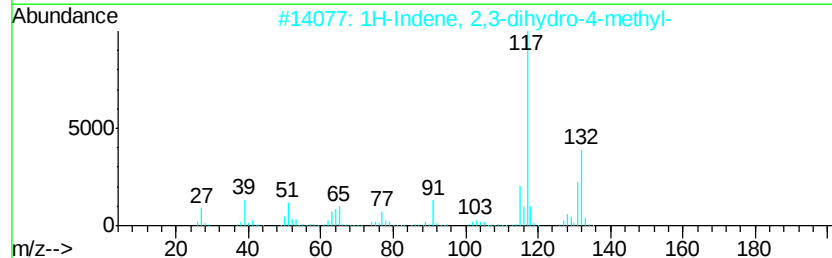
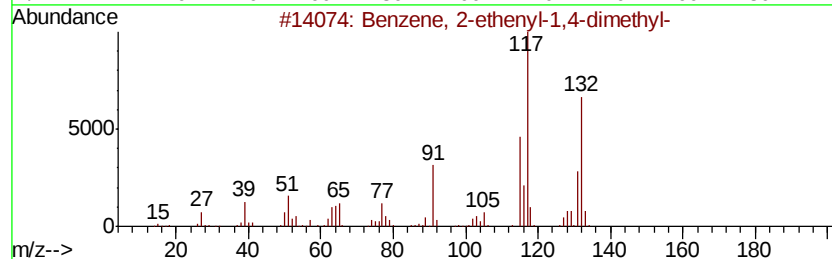
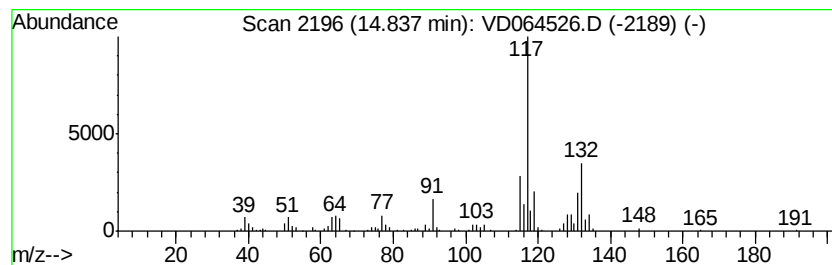
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Quant Title : SW846 8260

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	38.42 ug/l	376596	1,4-Dichlorobenzene-d4	13.58

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	91
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5		Indan, 1-methyl-	132	C10H12	000767-58-8	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121619\
Data File : VD064526.D
Acq On : 16 Dec 2019 16:32
Operator : VA/SY
Sample : K6325-04
Misc : 7.41G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RT-3425

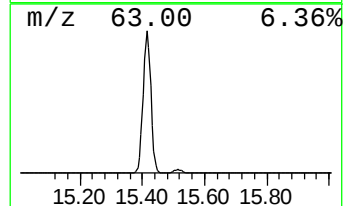
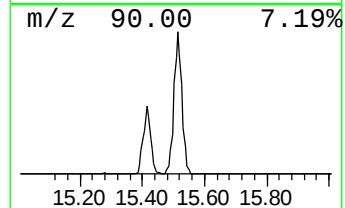
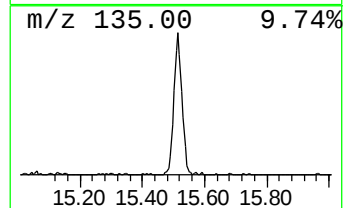
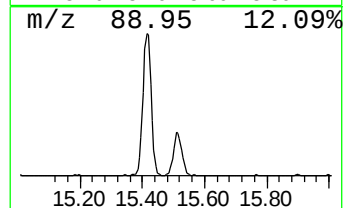
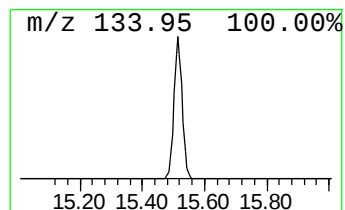
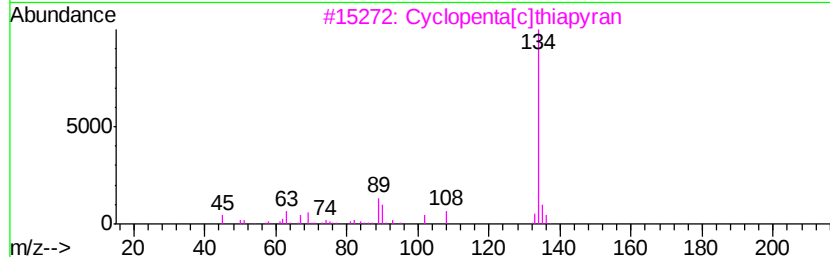
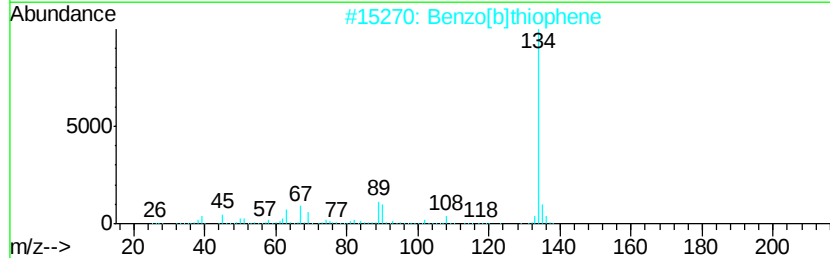
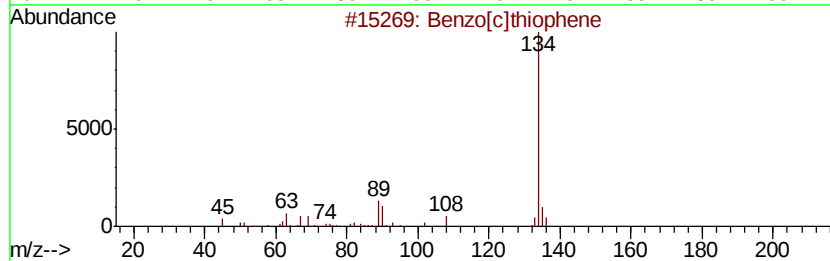
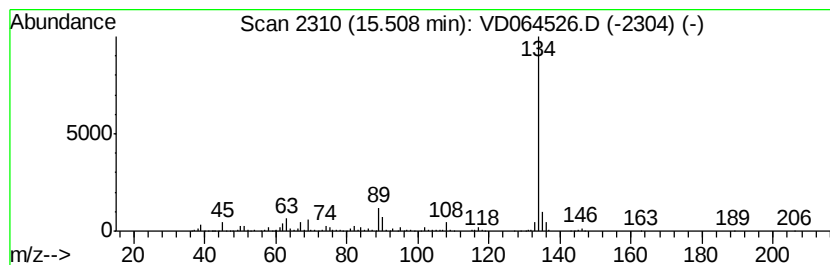
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Quant Title : SW846 8260

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.
15.51	81.36 ug/l	797519	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2		Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3		Cyclopenta[c]thiopyran	134	C8H6S	000270-63-3	94
4		5H-Pyrrolo(3,2-d)pyrimidin-4-amine	134	C6H6N4	002227-98-7	64
5		[1]Benzothieno[2',3':3,4]cyclobu...	246	C13H10O3S	034002-19-2	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121619\
Data File : VD064526.D
Acq On : 16 Dec 2019 16:32
Operator : VA/SY
Sample : K6325-04
Misc : 7.41G/5.00ml/MSVOA D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RT-3425

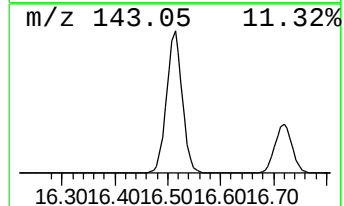
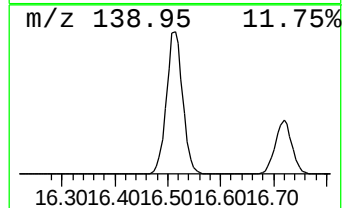
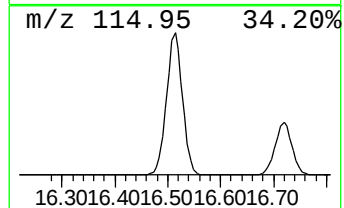
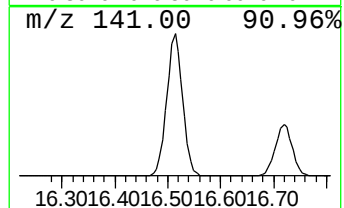
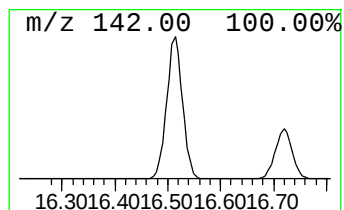
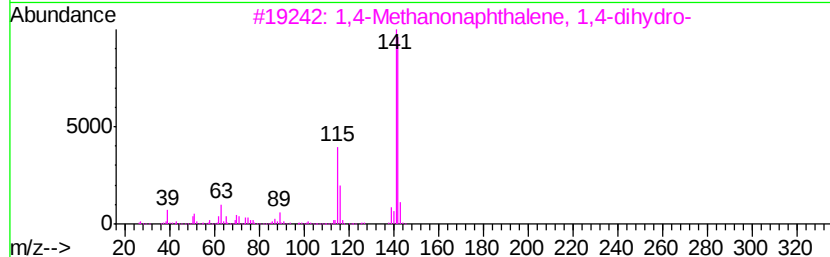
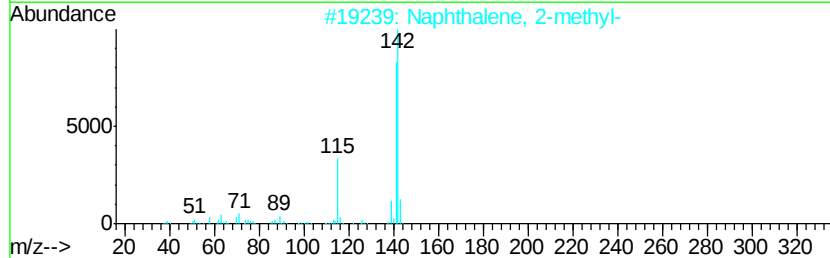
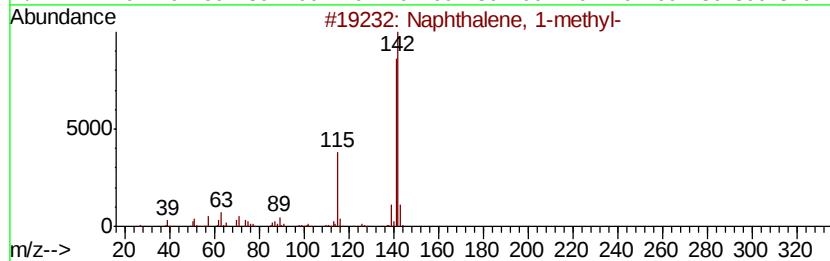
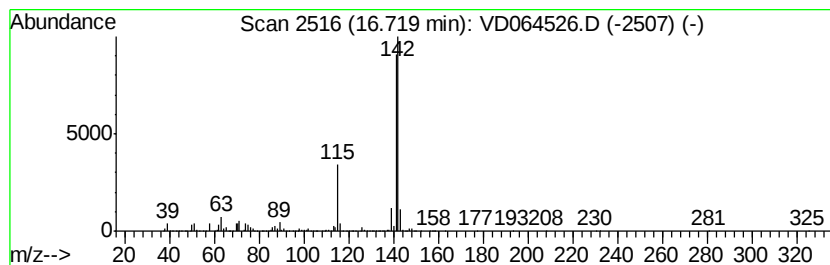
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	568.56 ug/l	5573070	1,4-Dichlorobenzene-d4	13.58

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	59



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_D\DATA\VD121619\
Data File : VD064526.D
Acq On : 16 Dec 2019 16:32
Operator : VA/SY
Sample : K6325-04
Misc : 7.41G/5.00ml/MSV0A_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSV0A_D
ClientSampleId :
RT-3425

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_D\METHOD\82D112719S.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
(1R)-2,6,6-Trimet...	12.49	50.0	ug/l	302325	3	11.65	302325	50.0
Benzofuran	13.50	50.0	ug/l	490107	4	13.58	490107	50.0
Indane	13.78	410.4	ug/l	4022820	4	13.58	490107	50.0
Indene	13.97	402.7	ug/l	3947090	4	13.58	490107	50.0
Benzofuran, 7-met...	14.43	33.8	ug/l	331193	4	13.58	490107	50.0
3-Phenyl-2-propyn...	14.52	76.9	ug/l	753787	4	13.58	490107	50.0
Benzene, 2-etheny...	14.84	38.4	ug/l	376596	4	13.58	490107	50.0
Benzo[c]thiophene	15.51	81.4	ug/l	797519	4	13.58	490107	50.0
Naphthalene, 1-me...	16.72	568.6	ug/l	5573070	4	13.58	490107	50.0