

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075108.D
 Acq On : 10 Jan 2023 16:39
 Operator : KP/SY
 Sample : 01080-05
 Misc : 5.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-3-(15-17)

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\82D010923S.M
 Title : SW846 8260

Signal : TIC: VD075108.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	13.216	1969	1977	1982	rBV	1101654	1756037	1.82%	1.234%
2	13.551	2030	2034	2039	rVB	725372	1163604	1.21%	0.818%
3	13.722	2058	2063	2067	rBV2	1348886	2241322	2.32%	1.575%
4	13.904	2088	2094	2102	rVB	3291836	5305959	5.50%	3.728%
5	14.363	2166	2172	2175	rBV	1038075	1864409	1.93%	1.310%
6	14.434	2180	2184	2185	rVV	837341	1189212	1.23%	0.836%
7	14.457	2185	2188	2196	rVV	1365082	2548029	2.64%	1.790%
8	14.775	2235	2242	2248	rBV3	968997	2137469	2.22%	1.502%
9	14.845	2248	2254	2261	rVV	1088124	1894905	1.96%	1.332%
10	14.928	2261	2268	2276	rVV	1798766	3146709	3.26%	2.211%
11	15.275	2319	2327	2330	rBV	642387	1219227	1.26%	0.857%
12	15.357	2330	2341	2349	rVV2	27947288	96493670	100.00%	67.805%
13	15.445	2349	2356	2363	rVB	1492636	3021769	3.13%	2.123%
14	16.410	2512	2520	2533	rVB	5942931	11987568	12.42%	8.424%
15	16.610	2545	2554	2566	rVB	2882285	6340063	6.57%	4.455%

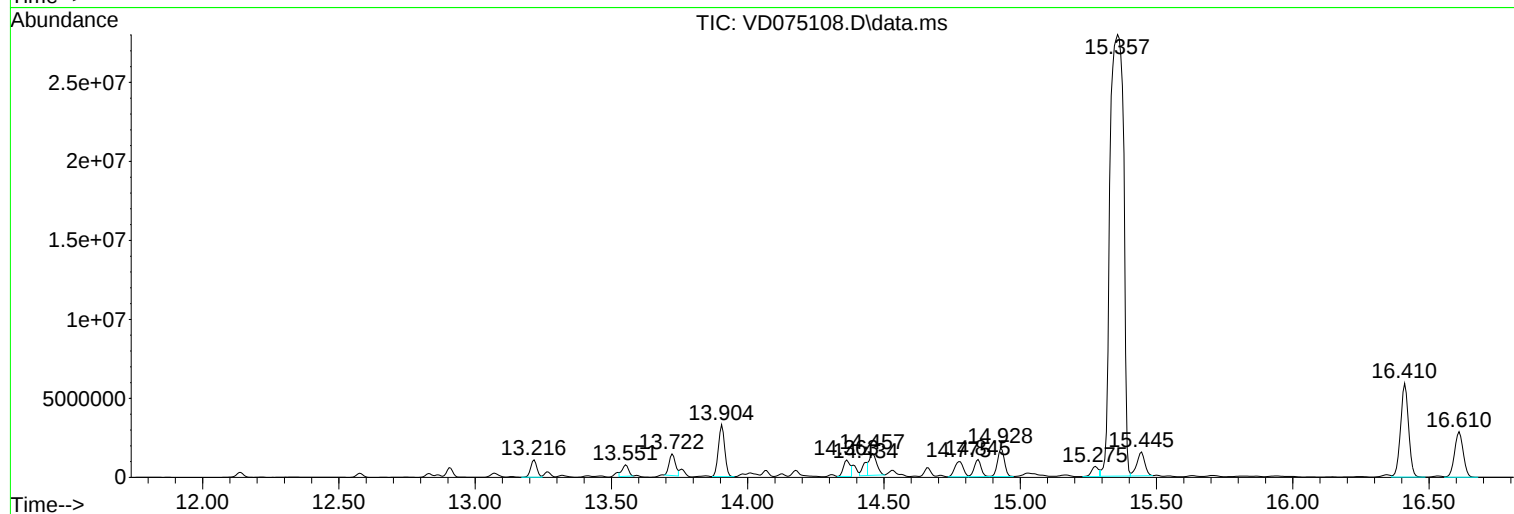
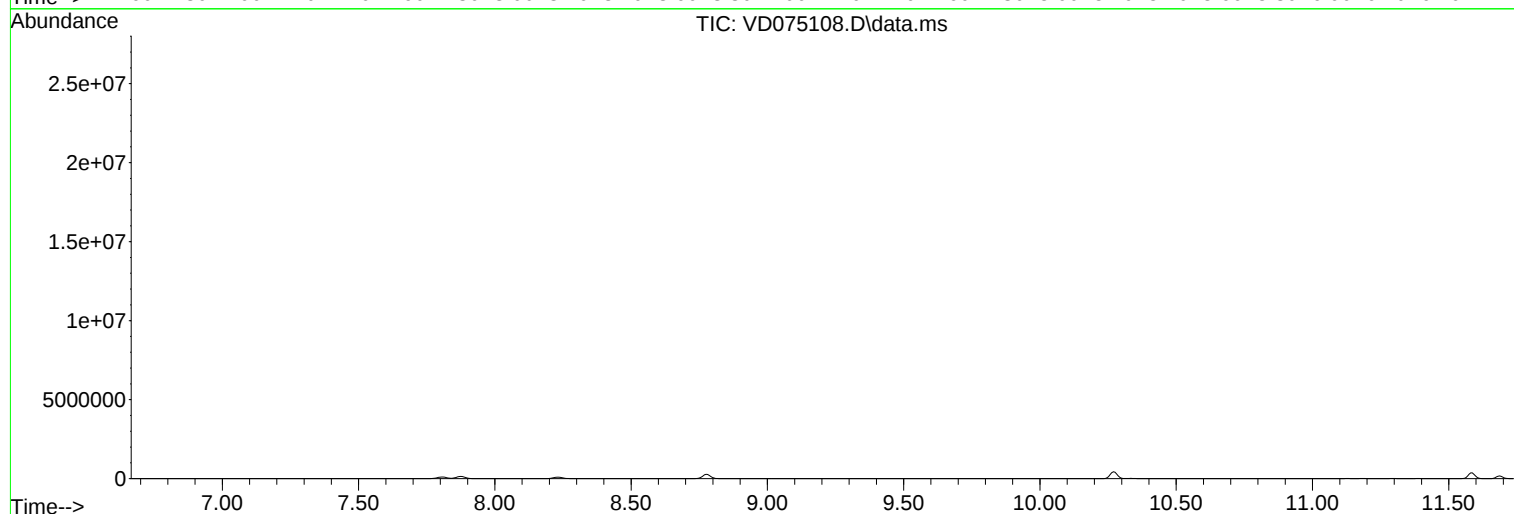
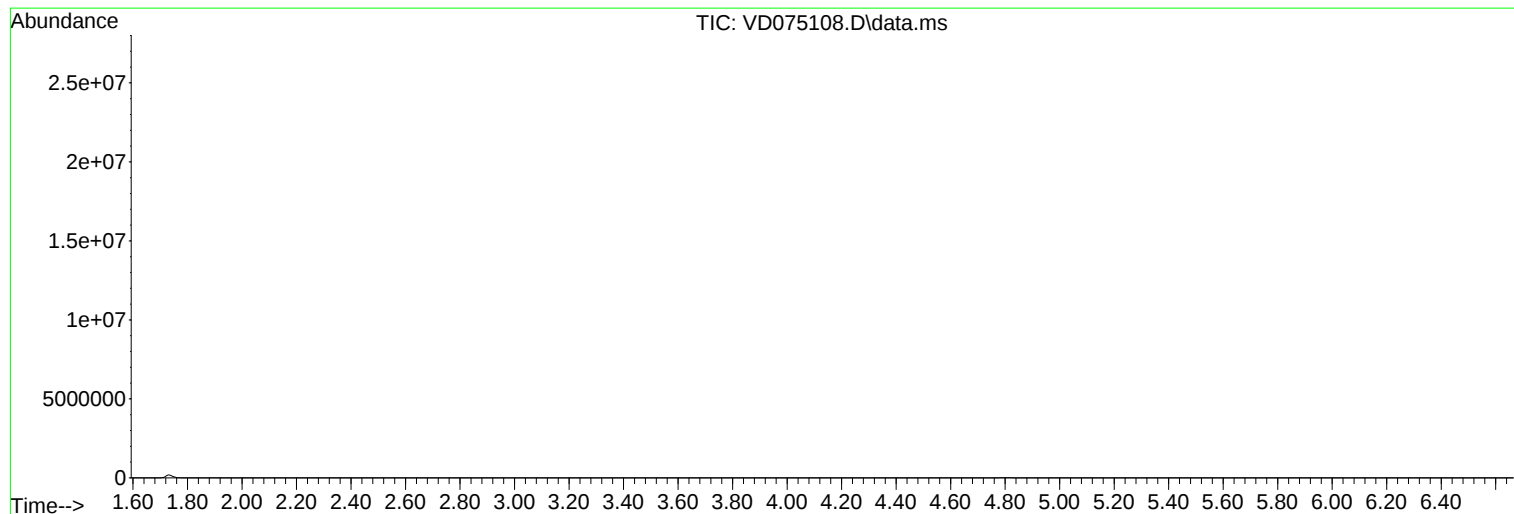
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

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



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Instrument :
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ClientSampleId :
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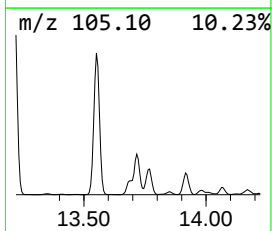
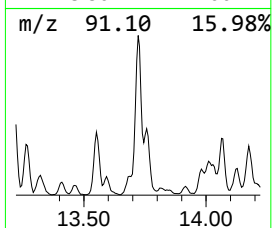
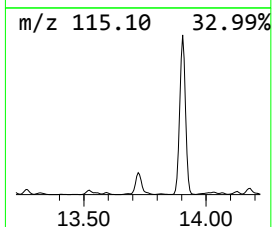
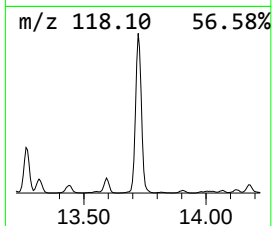
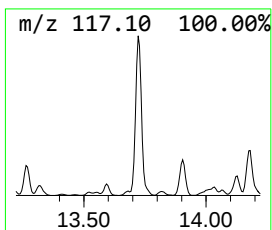
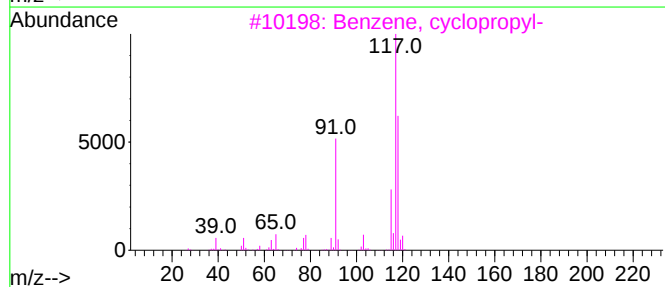
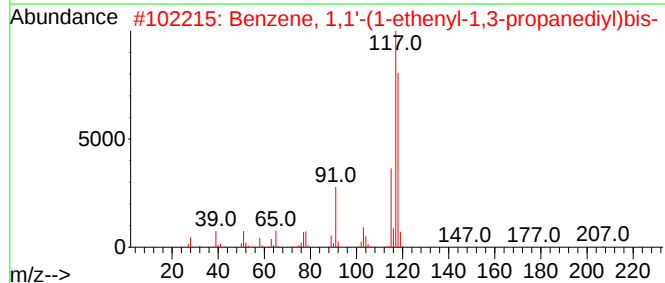
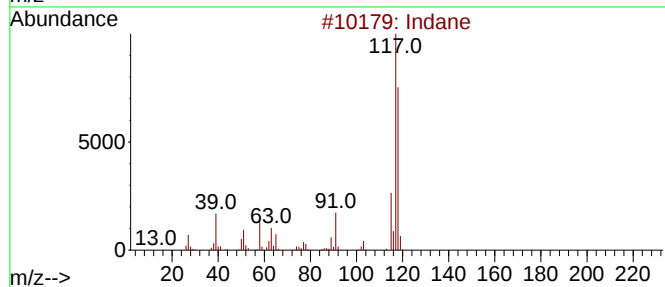
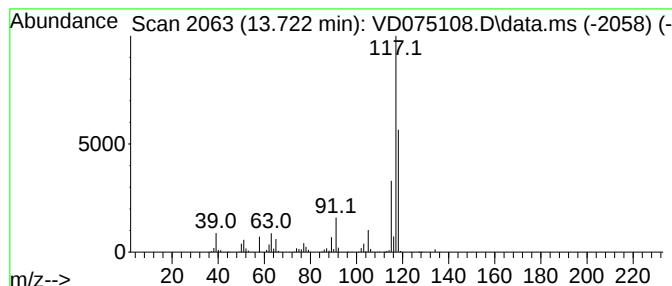
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

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

Peak Number 1 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.722	96.31 ug/l	2241320	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	81
2			Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	72
3			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4			Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5			Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	50



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MSVOA_D
ClientSampleId :
B-3-(15-17)

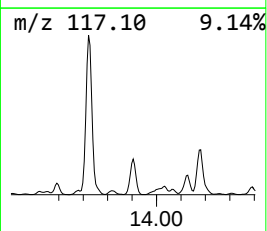
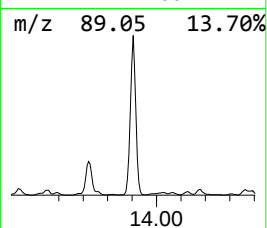
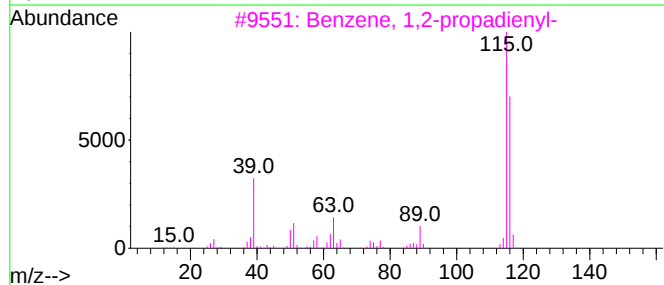
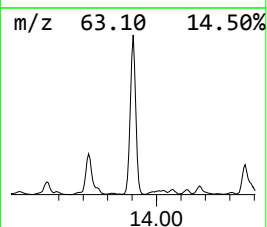
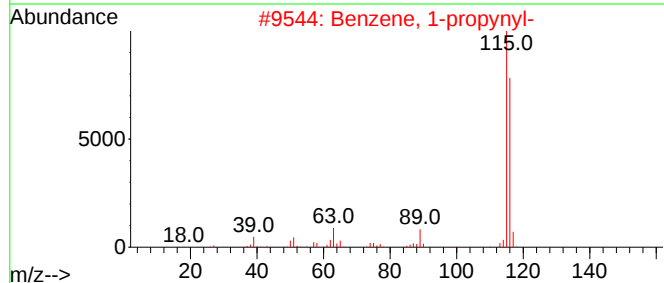
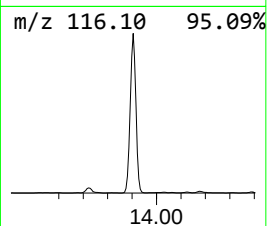
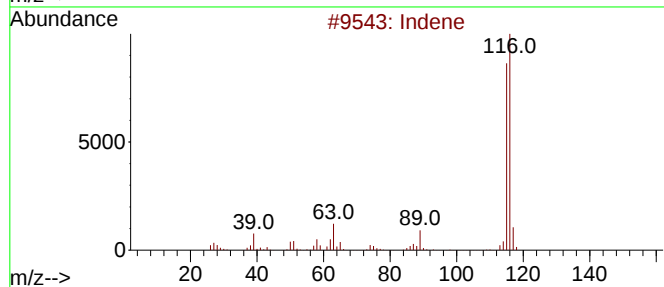
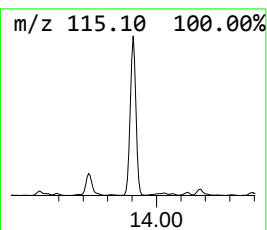
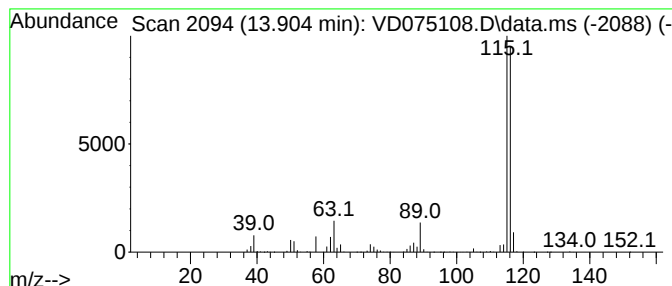
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

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

Peak Number 2 Indene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.904	228.00 ug/l	5305960	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indene	116	C9H8	000095-13-6	97
2			Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4			3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90



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Misc : 5.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-3-(15-17)

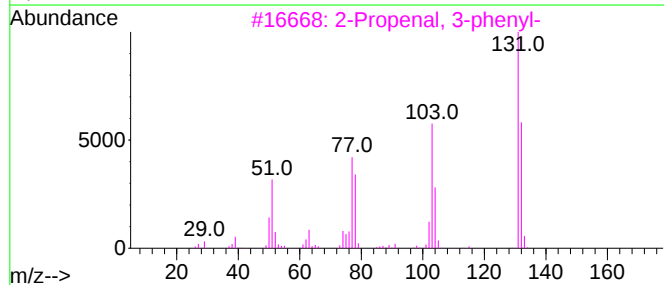
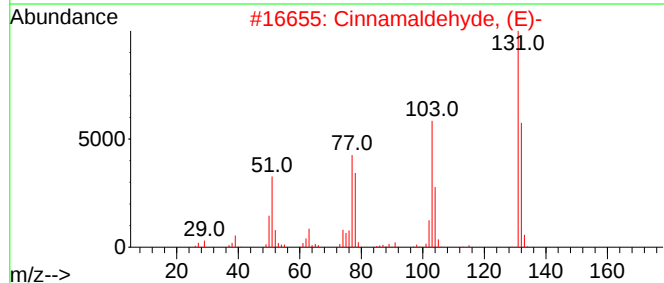
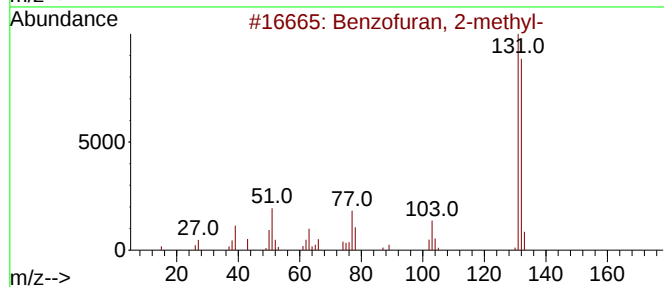
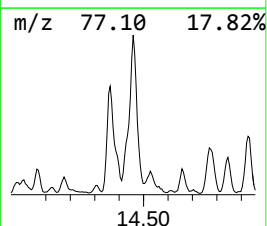
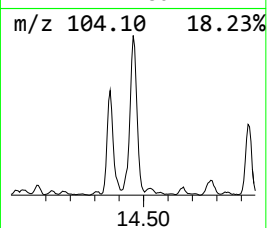
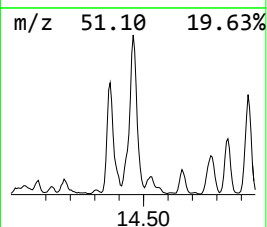
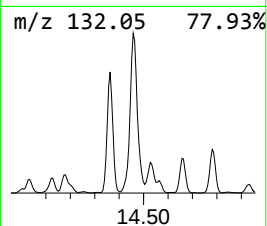
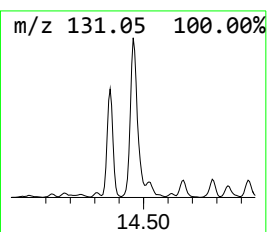
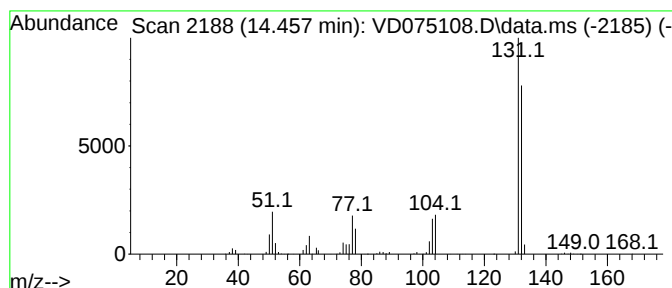
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzofuran, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.457	109.49 ug/l	2548030	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2			Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
3			2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87
4			3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
5			Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	81



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Misc : 5.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-3-(15-17)

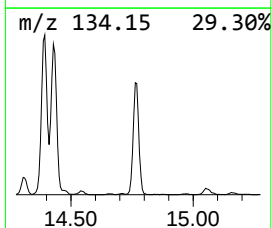
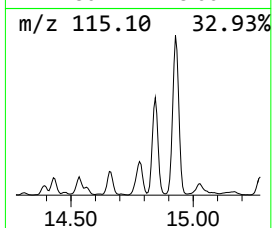
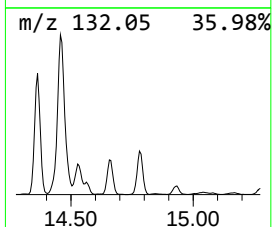
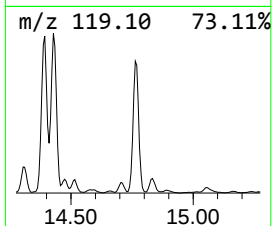
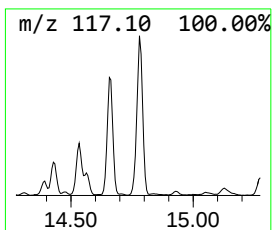
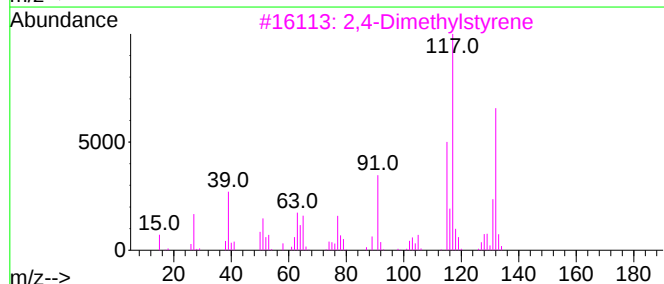
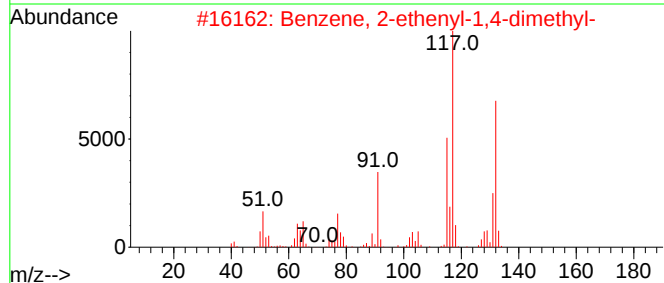
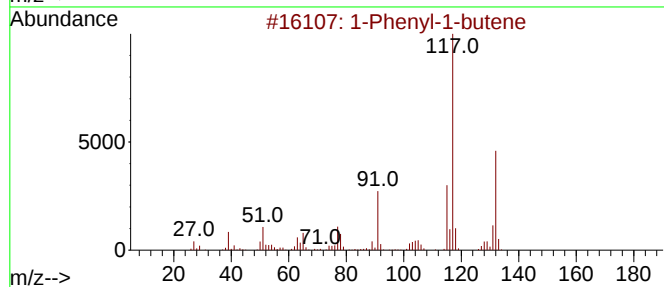
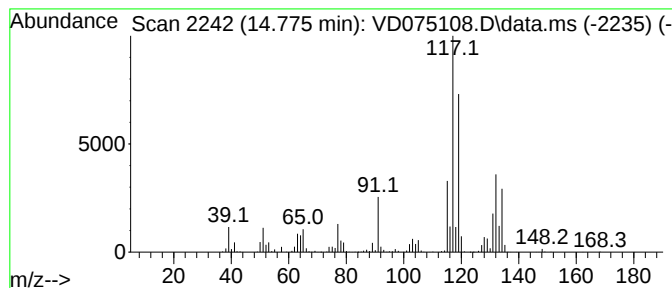
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

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

Peak Number 4 1-Phenyl-1-butene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.775	91.85 ug/l	2137470	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
3			2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
4			Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
5			Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	86



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Instrument :
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ClientSampleId :
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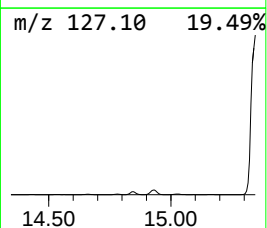
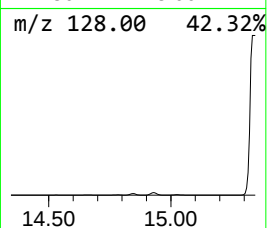
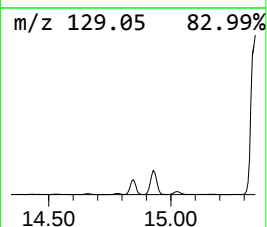
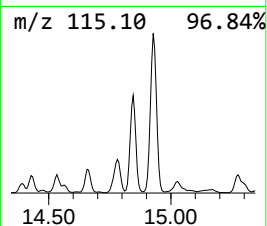
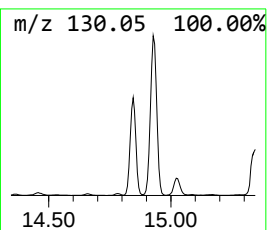
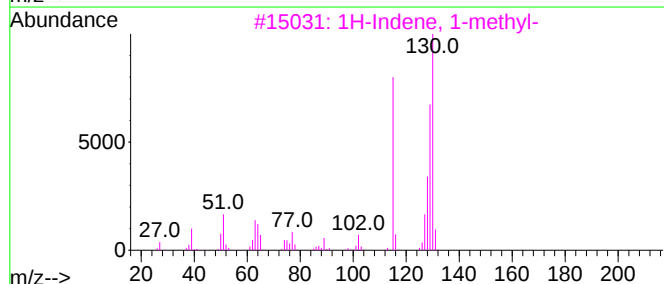
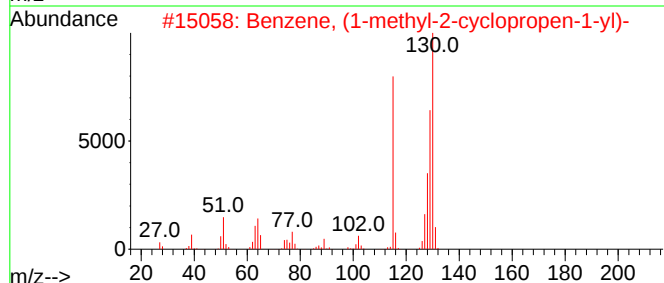
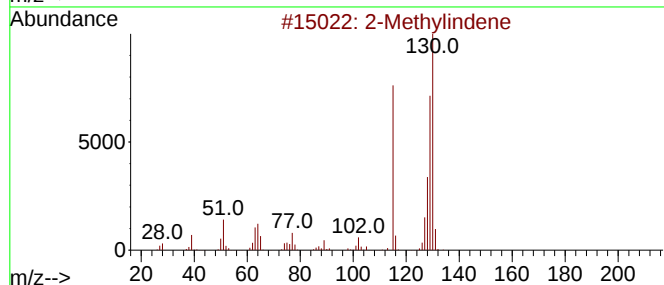
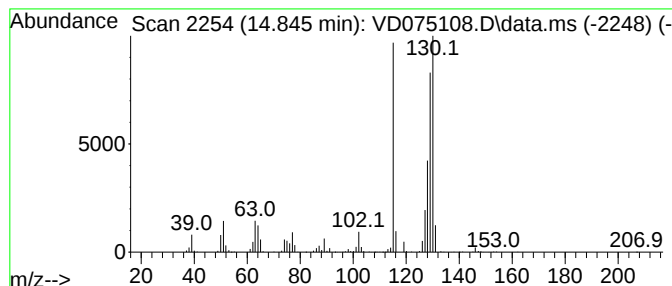
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

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

Peak Number 5 2-Methylindene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.845	81.42 ug/l	1894910	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methylindene	130	C10H10	002177-47-1	97
2			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	93



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Instrument :
MSVOA_D
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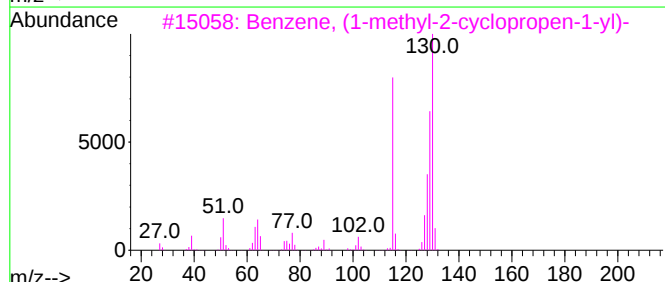
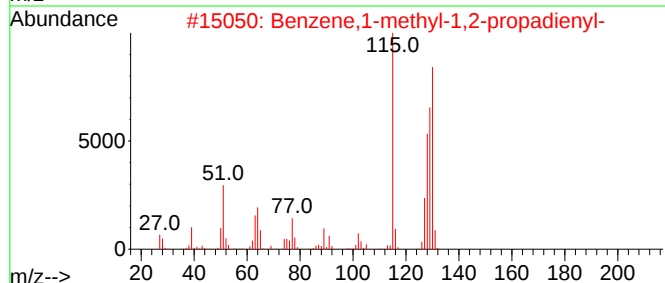
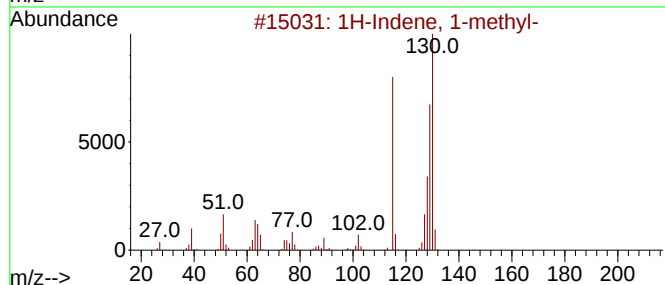
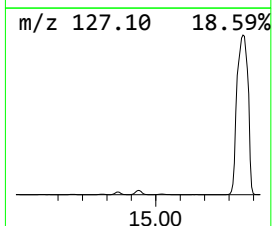
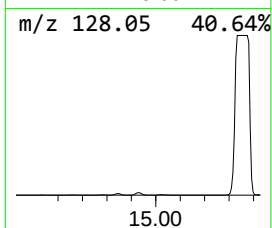
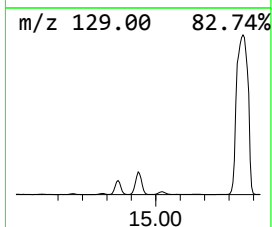
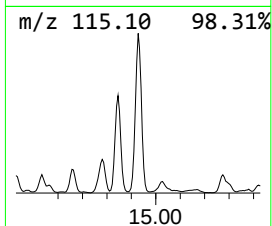
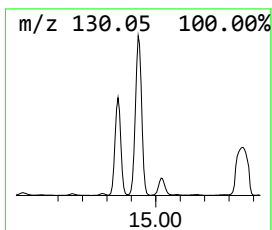
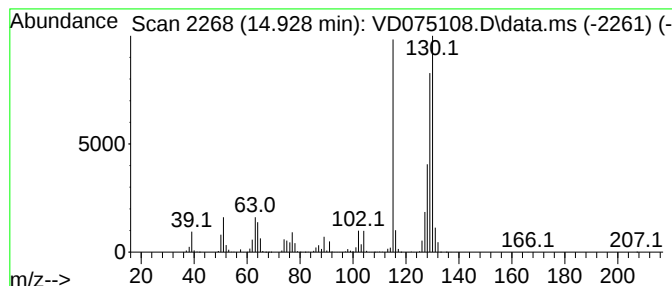
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Quant Title : SW846 8260

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

Peak Number 6 1H-Indene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.928	135.21 ug/l	3146710	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	96
3			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
4			2-Methylindene	130	C10H10	002177-47-1	96
5			Benzene, 1-butynyl-	130	C10H10	000622-76-4	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
Data File : VD075108.D
Acq On : 10 Jan 2023 16:39
Operator : KP/SY
Sample : 01080-05
Misc : 5.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-3-(15-17)

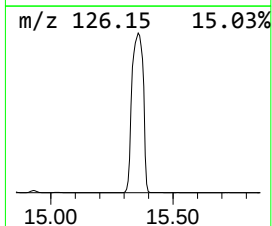
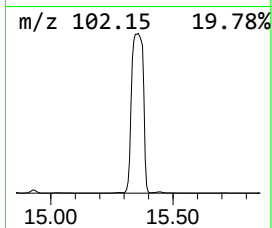
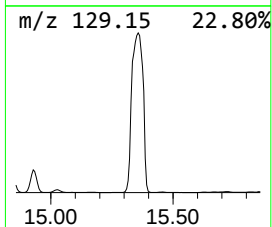
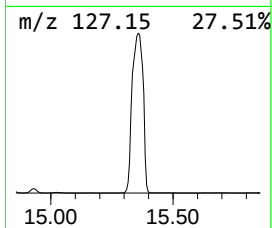
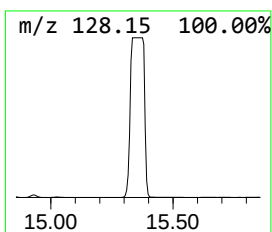
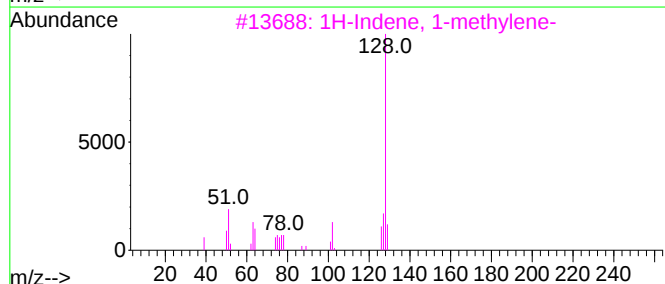
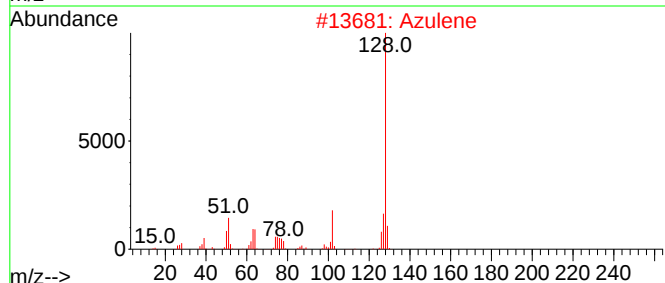
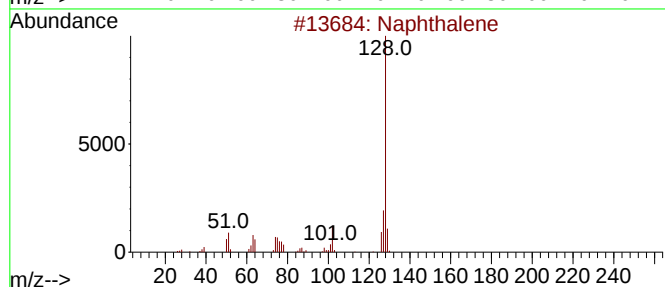
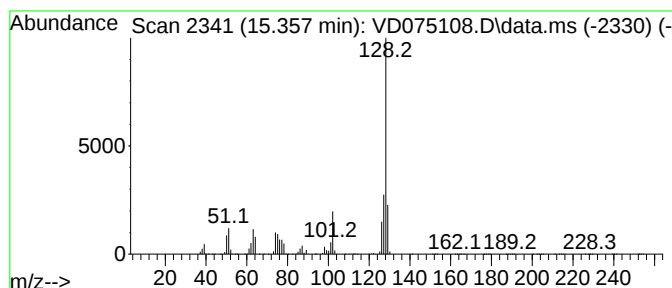
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Quant Title : SW846 8260

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

Peak Number 7 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.357	4146.33 ug/l	96493700	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	90
2			Azulene	128	C10H8	000275-51-4	76
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	64
4			[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	52
5			1,4-Benzenedicarbonitrile	128	C8H4N2	000623-26-7	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
Data File : VD075108.D
Acq On : 10 Jan 2023 16:39
Operator : KP/SY
Sample : 01080-05
Misc : 5.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-3-(15-17)

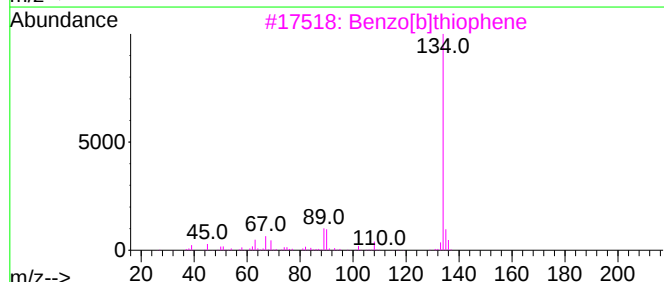
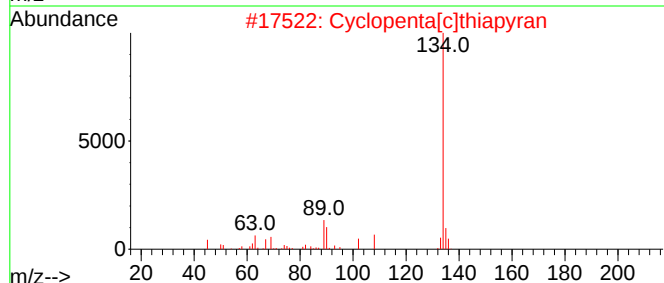
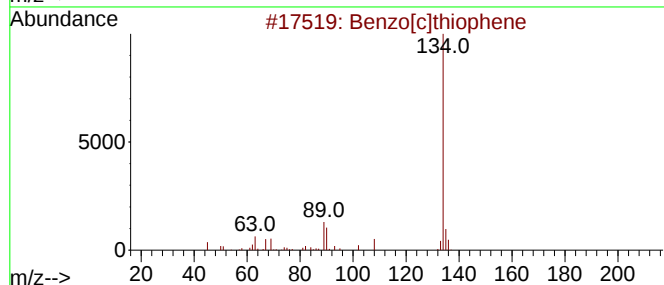
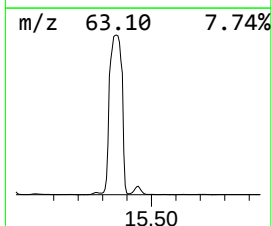
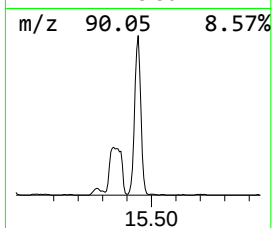
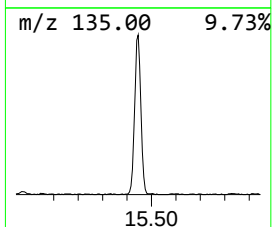
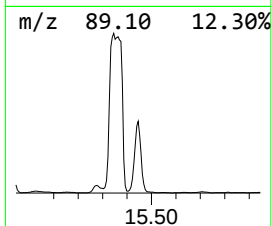
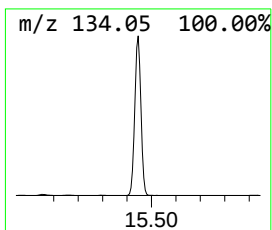
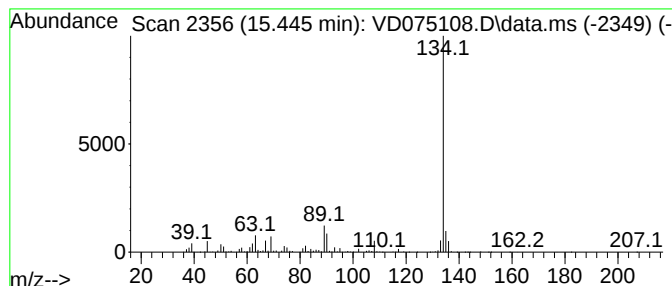
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Quant Title : SW846 8260

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

Peak Number 8 Benzo[c]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	129.85 ug/l	3021770	1,4-Dichlorobenzene-d4	13.522

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	94
2			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
3			Benzo[b]thiophene	134	C8H6S	000095-15-8	91
4			3-Deazaadenine	134	C6H6N4	006811-77-4	59
5			5H-Pyrrolo(3,2-d)pyrimidin-4-amine	134	C6H6N4	002227-98-7	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
Data File : VD075108.D
Acq On : 10 Jan 2023 16:39
Operator : KP/SY
Sample : 01080-05
Misc : 5.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-3-(15-17)

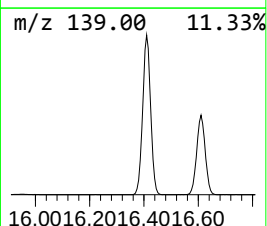
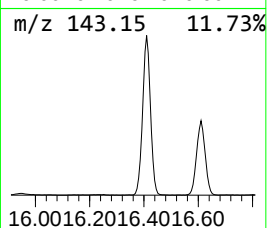
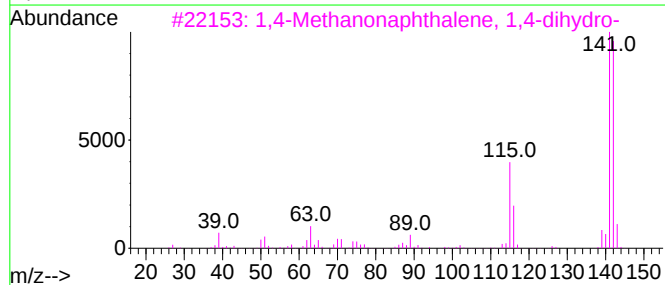
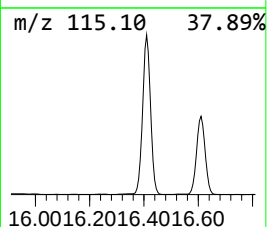
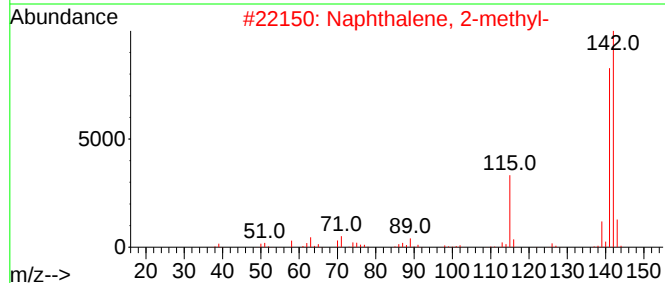
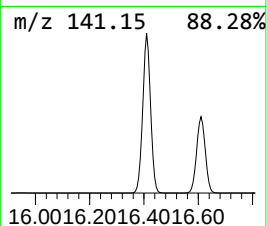
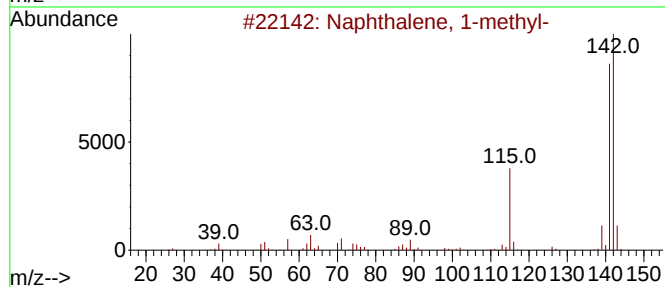
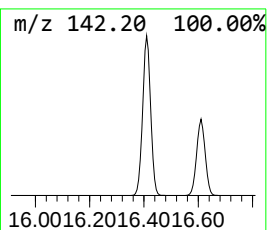
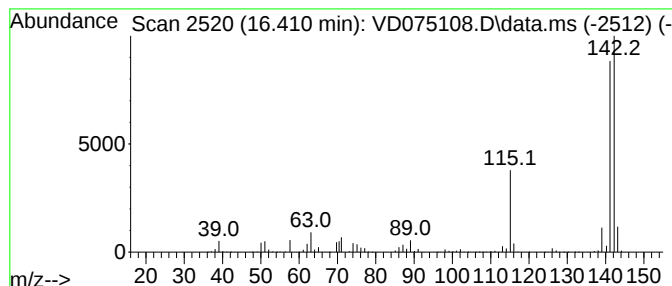
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

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

Peak Number 9 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.410	515.11 ug/l	11987600	1,4-Dichlorobenzene-d4	13.522

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			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
Data File : VD075108.D
Acq On : 10 Jan 2023 16:39
Operator : KP/SY
Sample : 01080-05
Misc : 5.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-3-(15-17)

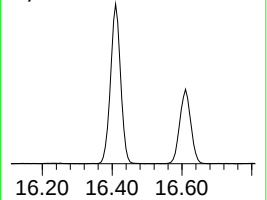
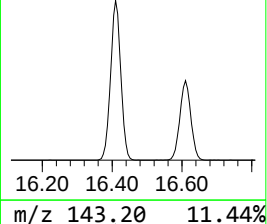
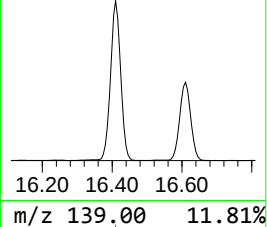
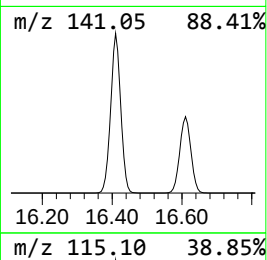
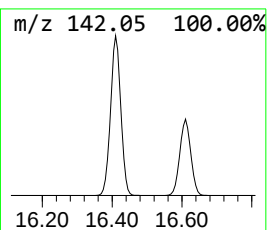
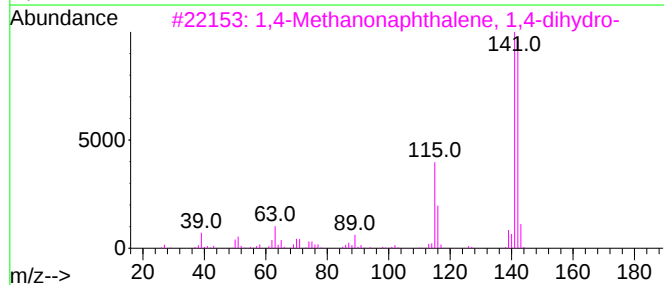
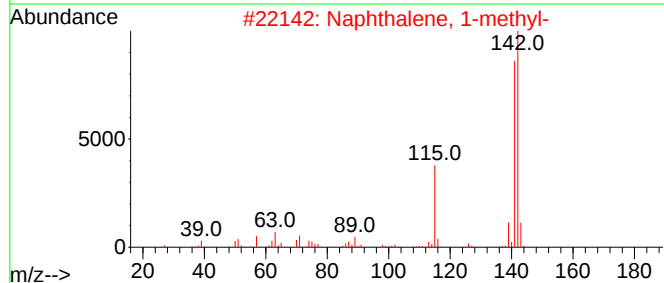
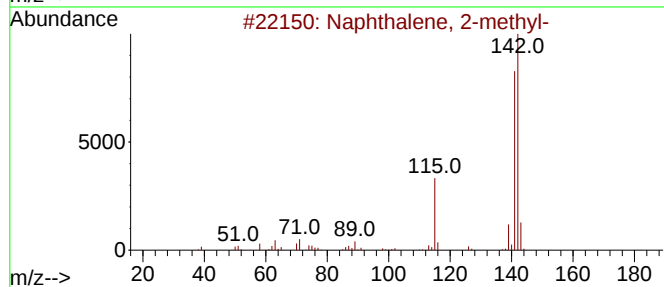
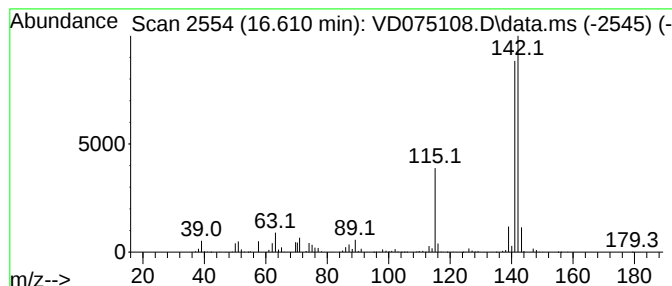
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Quant Title : SW846 8260

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

Peak Number 10 Benzocycloheptatriene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.610	272.43 ug/l	6340060	1,4-Dichlorobenzene-d4	13.522

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	94
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
Data File : VD075108.D
Acq On : 10 Jan 2023 16:39
Operator : KP/SY
Sample : 01080-05
Misc : 5.31G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-3-(15-17)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Indene	13.904	228.0	ug/l	5305960	4	13.522	1163600	50.0
Benzofuran, 2-m...	14.457	109.5	ug/l	2548030	4	13.522	1163600	50.0
1-Phenyl-1-butene	14.775	91.8	ug/l	2137470	4	13.522	1163600	50.0
2-Methylindene	14.845	81.4	ug/l	1894910	4	13.522	1163600	50.0
1H-Indene, 1-me...	14.928	135.2	ug/l	3146710	4	13.522	1163600	50.0
Azulene	15.357	4146.3	ug/l	96493700	4	13.522	1163600	50.0
Benzo[c]thiophene	15.445	129.8	ug/l	3021770	4	13.522	1163600	50.0
1,4-Methanonaph...	16.410	515.1	ug/l	11987600	4	13.522	1163600	50.0
Benzocyclohepta...	16.610	272.4	ug/l	6340060	4	13.522	1163600	50.0