

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
 Data File : VD073525.D
 Acq On : 10 Jun 2022 13:38
 Operator : VA/SY
 Sample : N3203-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GATE-6-JET-GROUT-SPOILS

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\82D060922S.M

Title : SW846 8260

Signal : TIC: VD073525.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.150	366	379	398	rBV	2516251	6954349	16.63%	6.364%
2	7.973	1021	1029	1038	rVB	386985	914489	2.19%	0.837%
3	8.326	1074	1089	1099	rVB2	177778	514675	1.23%	0.471%
4	8.855	1170	1179	1192	rBV	581768	1181473	2.82%	1.081%
5	10.332	1421	1430	1437	rBV	940126	1680802	4.02%	1.538%
6	11.632	1644	1651	1662	rBV	940363	1666164	3.98%	1.525%
7	11.838	1678	1686	1697	rVB	554015	1048489	2.51%	0.960%
8	12.620	1811	1819	1829	rBV	850945	1381687	3.30%	1.264%
9	13.255	1915	1927	1933	rBV	608849	953527	2.28%	0.873%
10	13.561	1972	1979	1988	rBV2	1088954	2128042	5.09%	1.948%
11	13.761	2001	2013	2028	rBV	1881796	3299016	7.89%	3.019%
12	13.943	2037	2044	2051	rBV	383787	632743	1.51%	0.579%
13	14.696	2166	2172	2177	rBV	327309	544997	1.30%	0.499%
14	14.808	2184	2191	2197	rBV3	301466	683891	1.63%	0.626%
15	14.879	2197	2203	2211	rVB	470004	767077	1.83%	0.702%
16	14.967	2211	2218	2225	rVB	695409	1240906	2.97%	1.136%
17	15.384	2277	2289	2298	rBV	21223563	41829520	100.00%	38.282%
18	15.484	2298	2306	2318	rVB	534857	1101717	2.63%	1.008%
19	15.996	2385	2393	2408	rVB6	116128	451792	1.08%	0.413%
20	16.408	2454	2463	2466	rBV	216972	453791	1.08%	0.415%
21	16.473	2466	2474	2487	rVV	10717077	23612486	56.45%	21.610%
22	16.679	2500	2509	2522	rVB	7318753	16226562	38.79%	14.850%

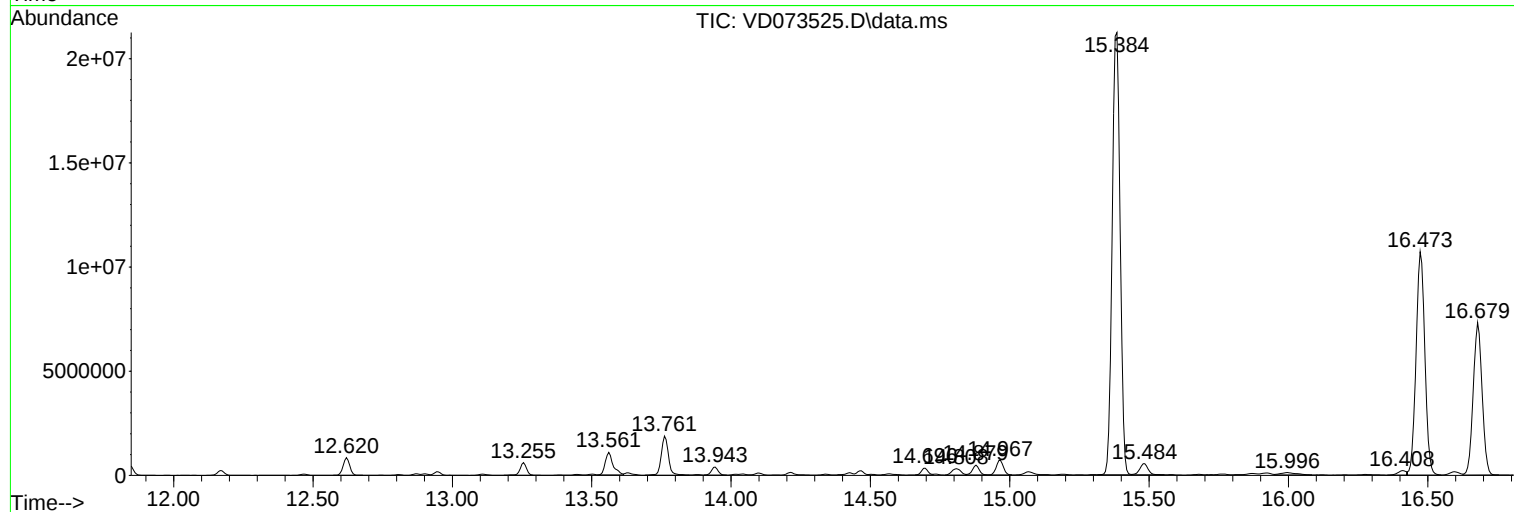
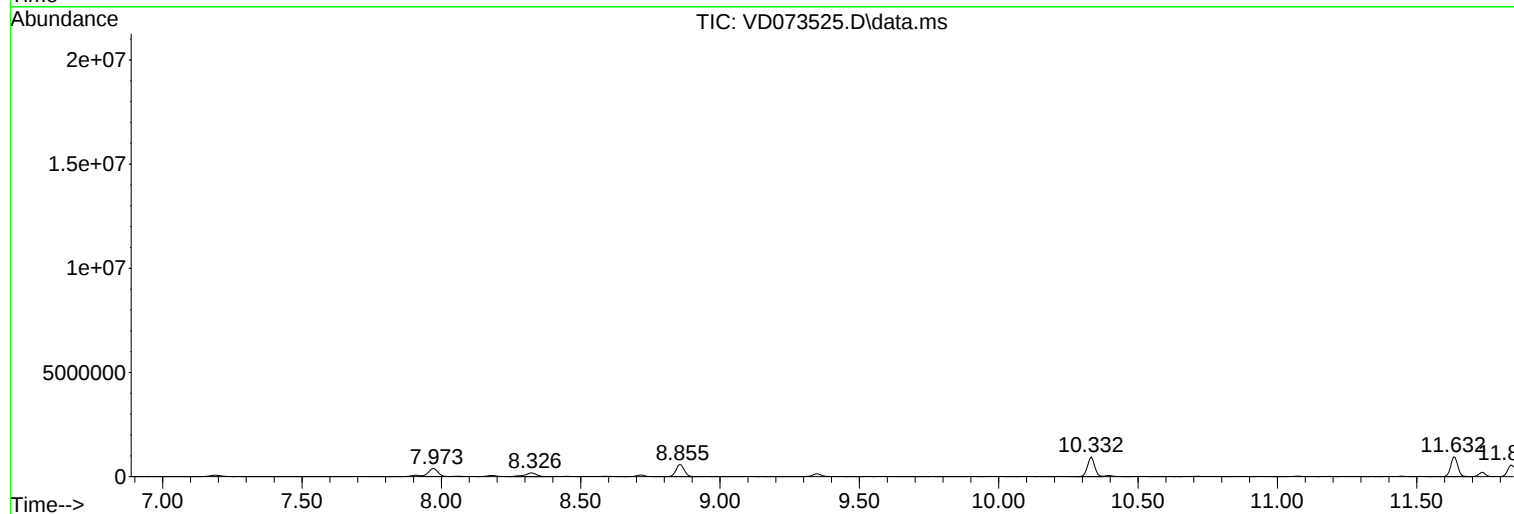
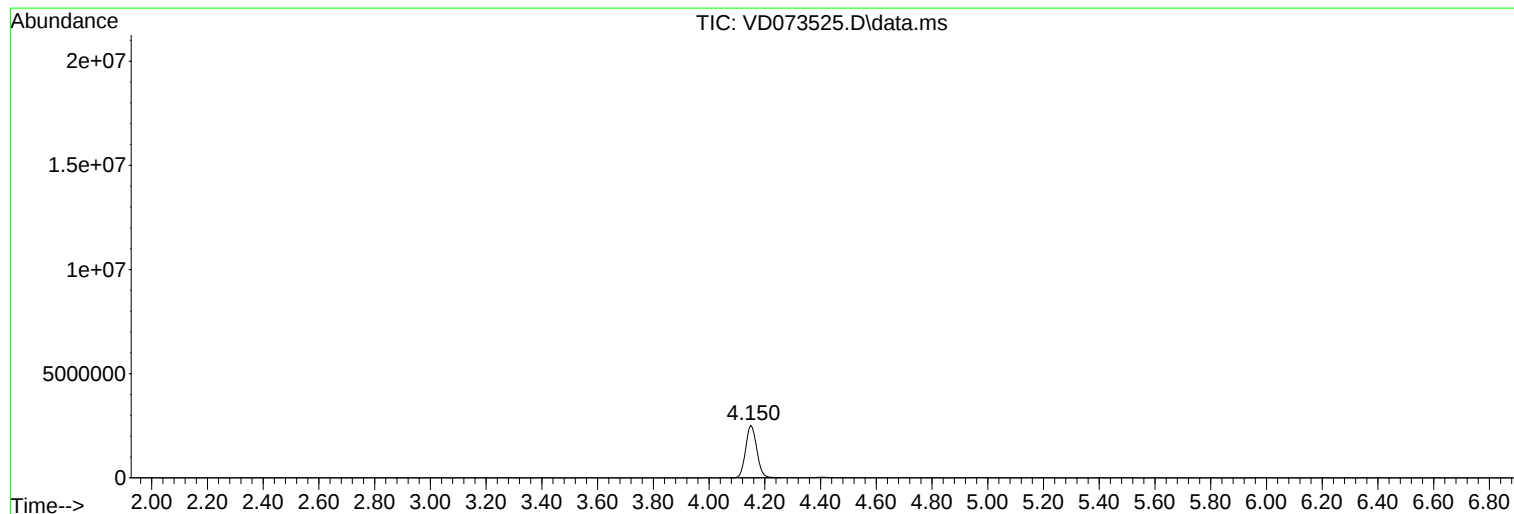
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GATE-6-JET-GROUT-SPOILS

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_D
ClientSampleId :
GATE-6-JET-GROUT-SPOILS

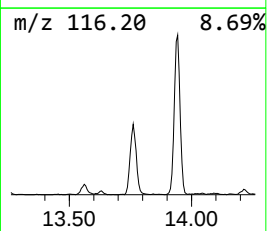
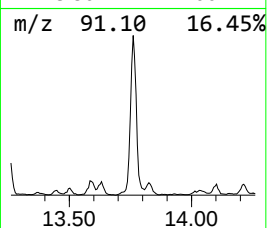
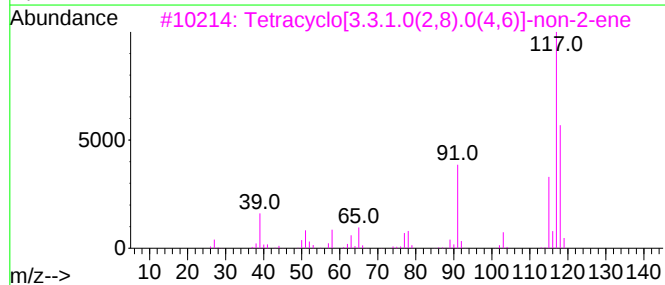
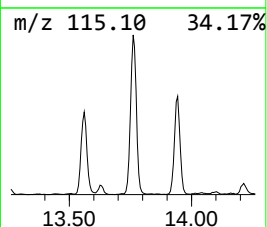
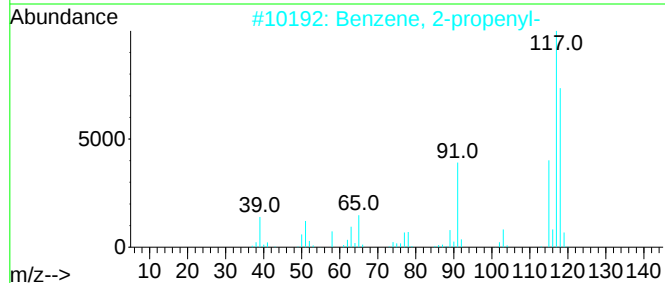
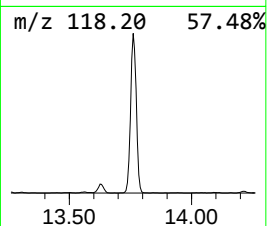
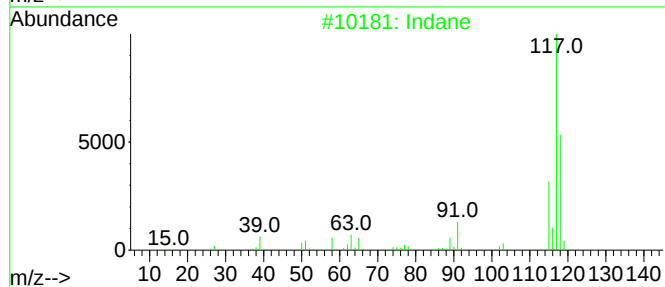
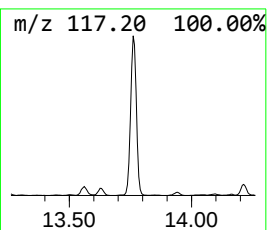
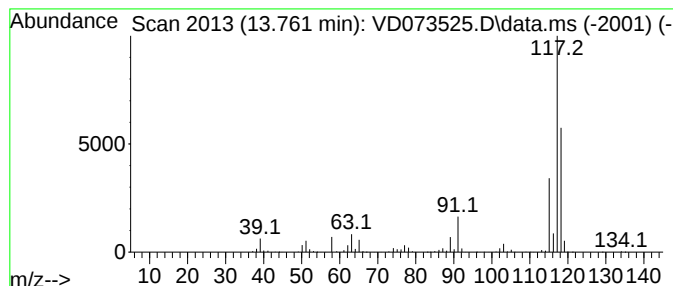
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

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

Peak Number 1 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.761	77.51 ug/l	3299020	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	93
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
3			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
5			Deltacyclene	118	C9H10	007785-10-6	72



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MSVOA_D
ClientSampleId :
GATE-6-JET-GROUT-SPOILS

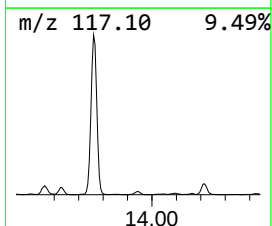
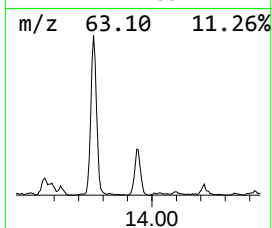
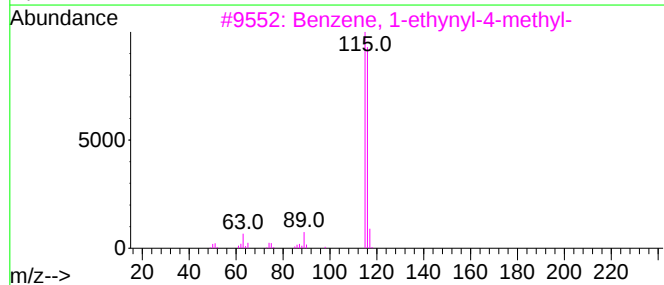
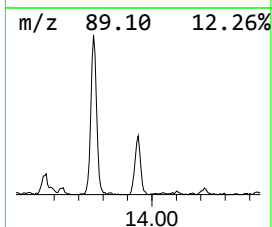
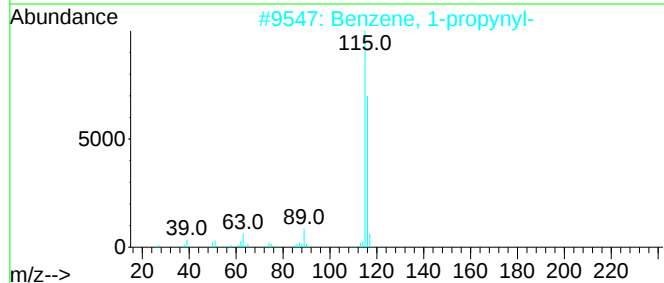
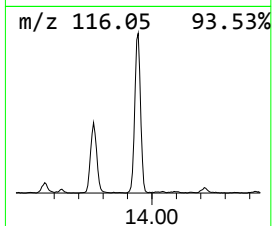
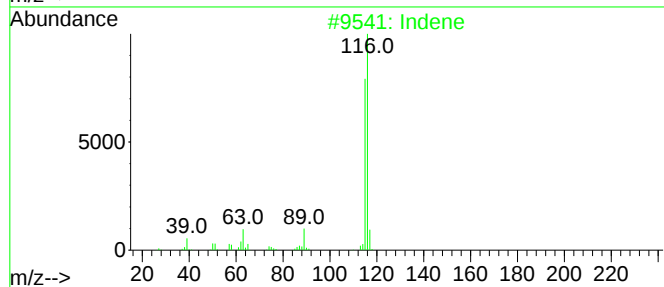
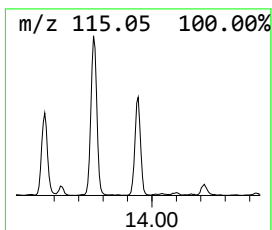
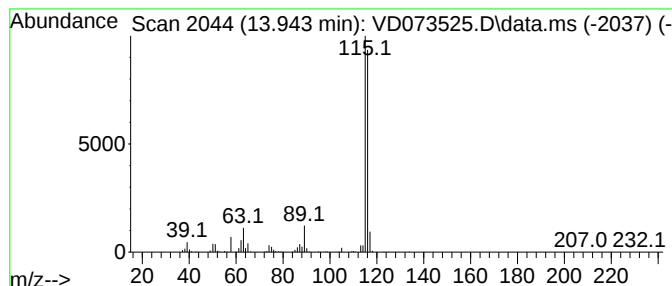
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

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

Peak Number 2 Indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.943	14.87 ug/l	632743	1,4-Dichlorobenzene-d4	13.561

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	95
3			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	94
4			3-Methylphenylacetylene	116	C9H8	000766-82-5	94
5			Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91



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Sample : N3203-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

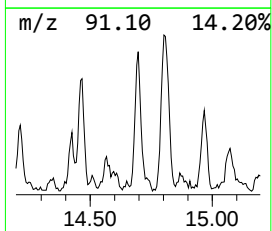
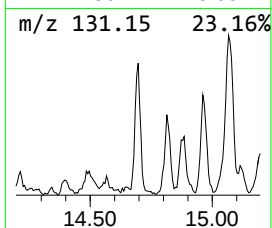
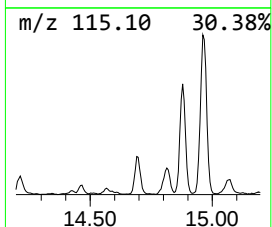
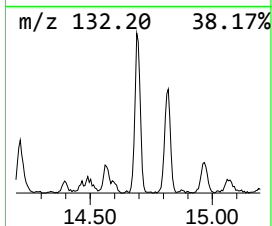
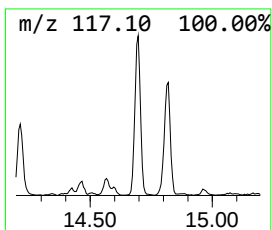
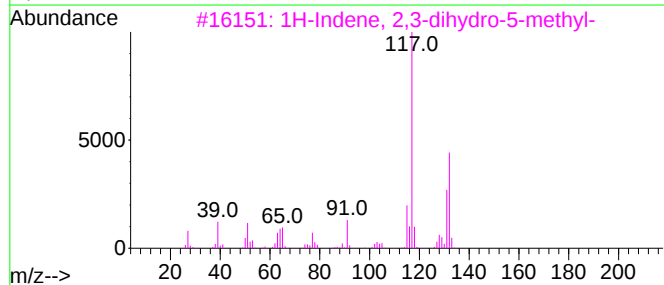
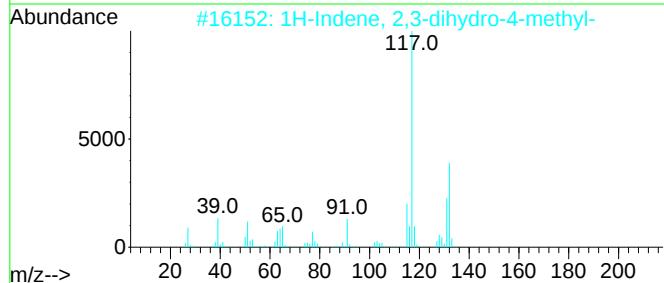
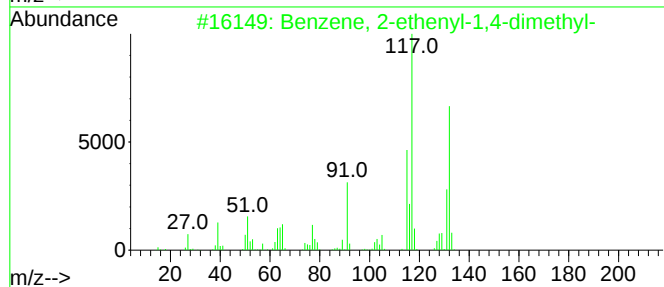
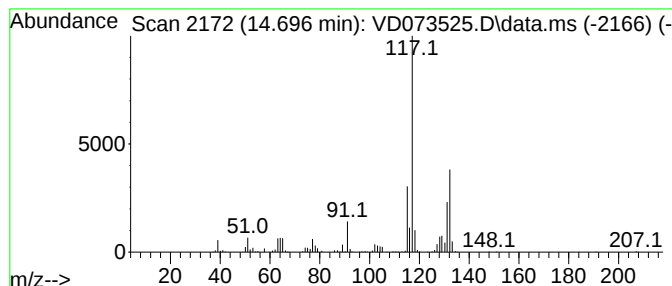
Instrument :
MSVOA_D
ClientSampleId :
GATE-6-JET-GROUT-SPOILS

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

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

Peak Number 3 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.696	12.81 ug/l	544997	1,4-Dichlorobenzene-d4			13.561
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-		132	C10H12	002039-89-6	93
2	1H-Indene, 2,3-dihydro-4-methyl-		132	C10H12	000824-22-6	90
3	1H-Indene, 2,3-dihydro-5-methyl-		132	C10H12	000874-35-1	90
4	Indan, 1-methyl-		132	C10H12	000767-58-8	87
5	Benzene, 1-ethenyl-4-ethyl-		132	C10H12	003454-07-7	87



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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GATE-6-JET-GROUT-SPOILS

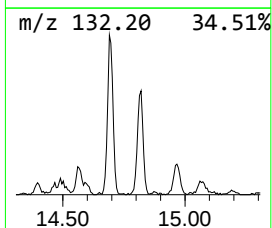
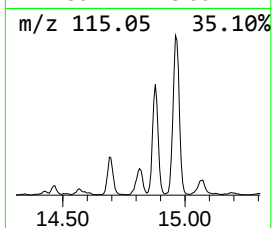
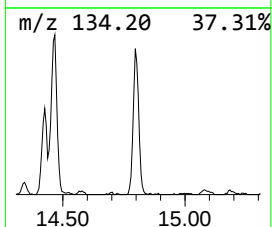
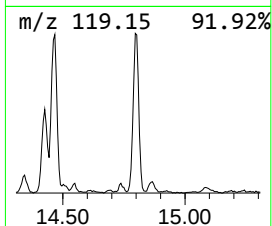
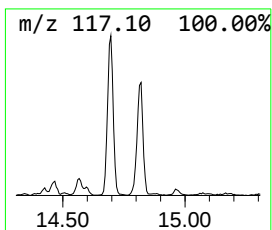
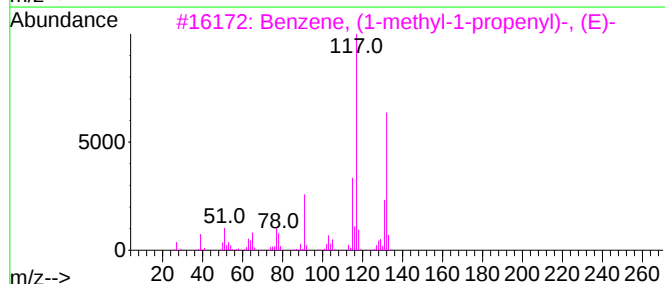
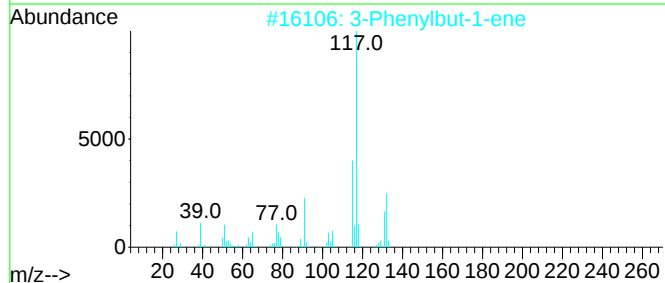
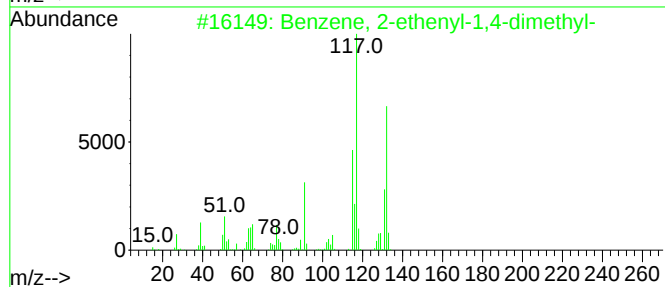
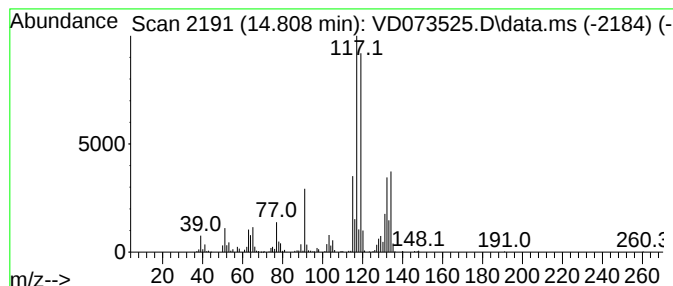
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

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

Peak Number 4 3-Phenylbut-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.808	16.07 ug/l	683891	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	80
2			3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	55
4			Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	55
5			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	50



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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GATE-6-JET-GROUT-SPOILS

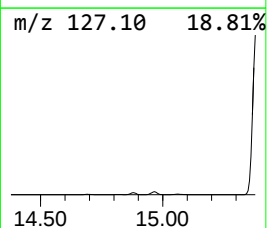
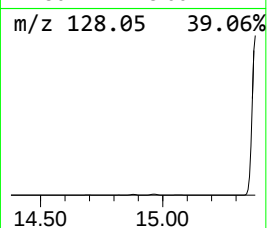
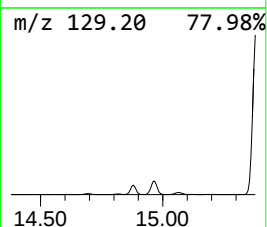
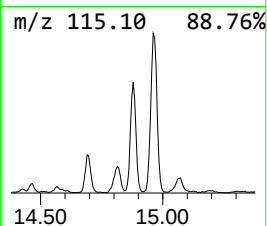
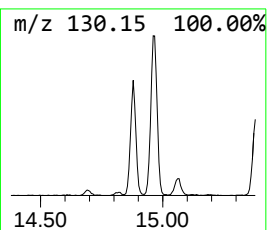
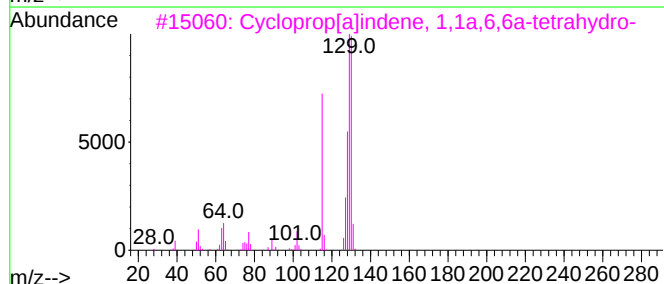
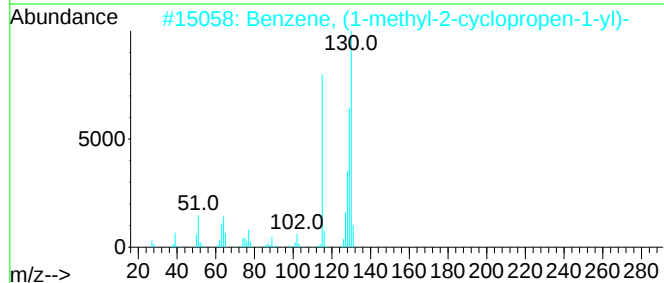
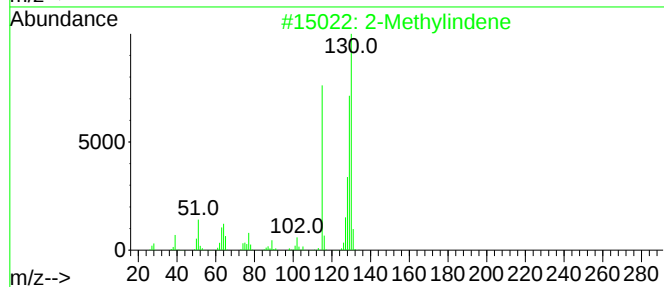
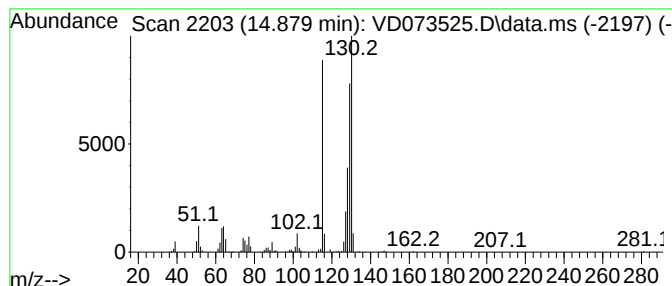
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

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

Peak Number 5 2-Methylindene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.879	18.02 ug/l	767077	1,4-Dichlorobenzene-d4	13.561

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	97
3			Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4			1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95
5			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94



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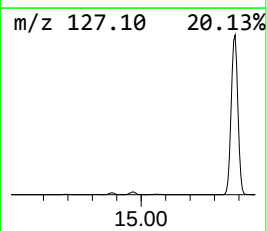
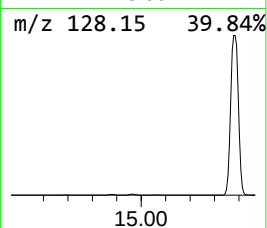
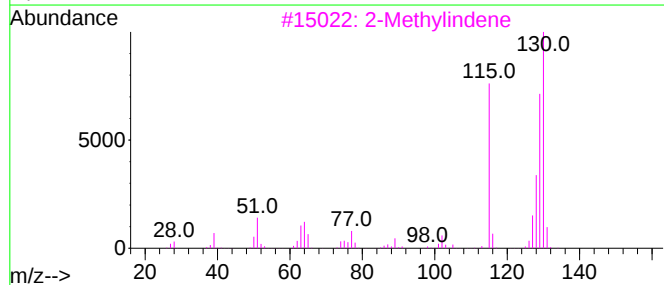
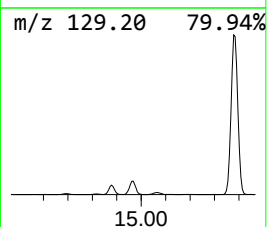
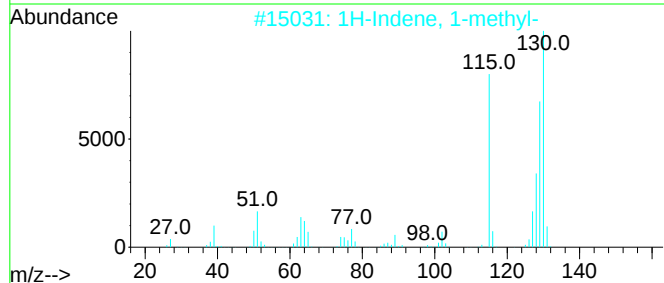
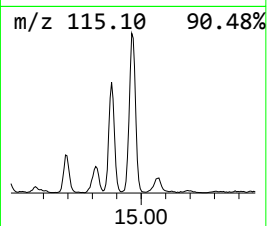
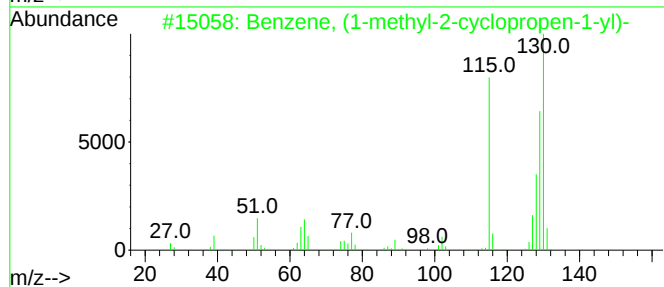
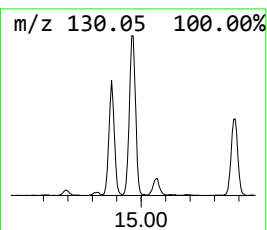
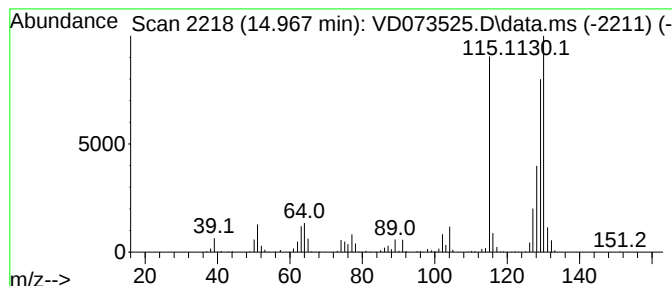
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Quant Title : SW846 8260

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

Peak Number 6 Benzene, (1-methyl-2-cyclop... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.967	29.16 ug/l	1240910	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	94
3			2-Methylindene	130	C10H10	002177-47-1	94
4			Benzene, 1-butyryl-	130	C10H10	000622-76-4	94
5			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
Data File : VD073525.D
Acq On : 10 Jun 2022 13:38
Operator : VA/SY
Sample : N3203-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GATE-6-JET-GROUT-SPOILS

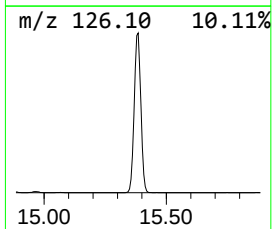
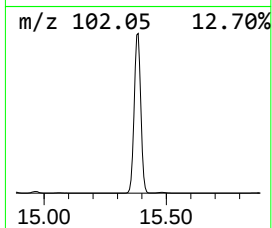
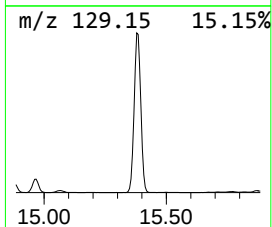
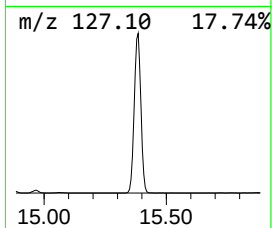
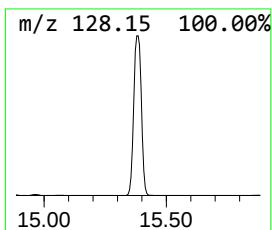
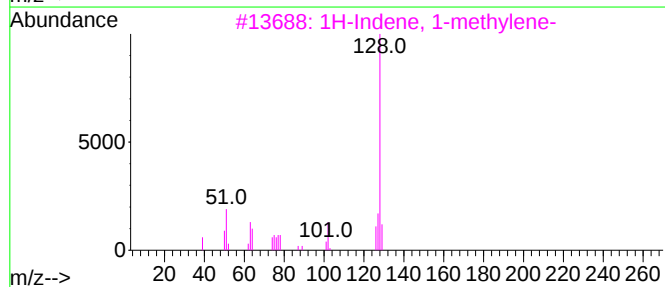
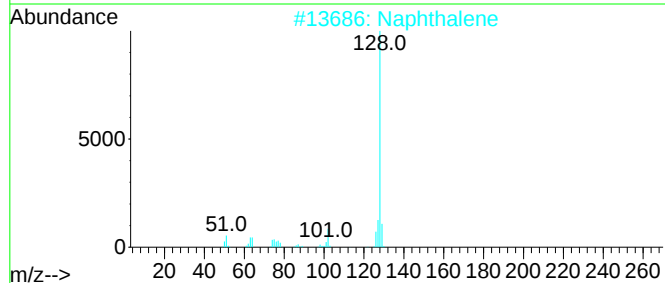
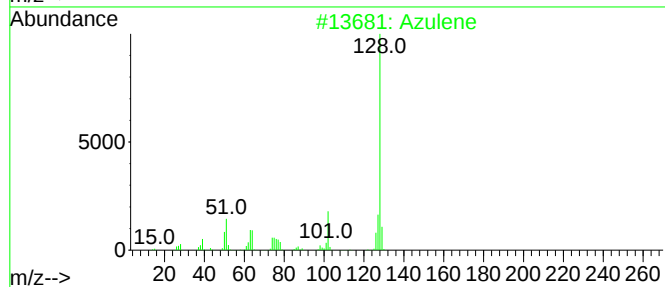
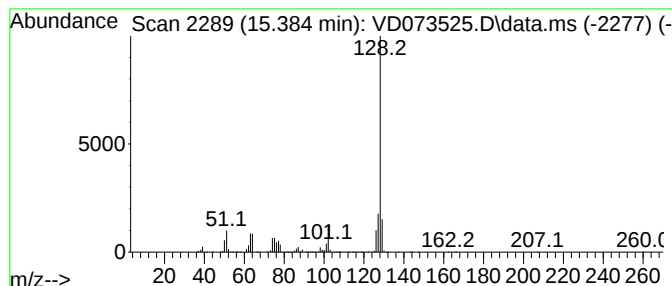
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Quant Title : SW846 8260

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.
15.384	982.82 ug/l	41829500	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Azulene	128	C10H8	000275-51-4	95
2			Naphthalene	128	C10H8	000091-20-3	95
3			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	87
4			4a,8a-(Methaniminomethano)naphth...	275	C18H13NO2	069915-10-2	78
5			[4.2.2]Propella-2,4,7,9-tetraene	128	C10H8	088090-34-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
Data File : VD073525.D
Acq On : 10 Jun 2022 13:38
Operator : VA/SY
Sample : N3203-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GATE-6-JET-GROUT-SPOILS

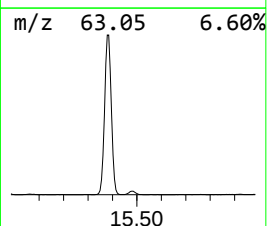
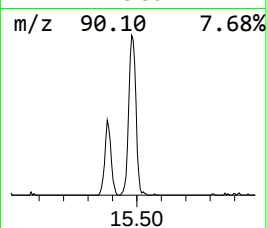
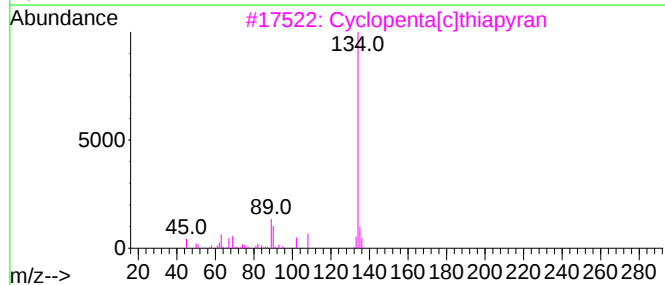
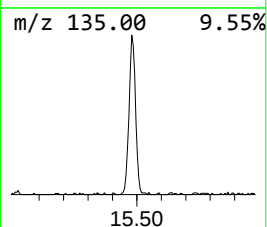
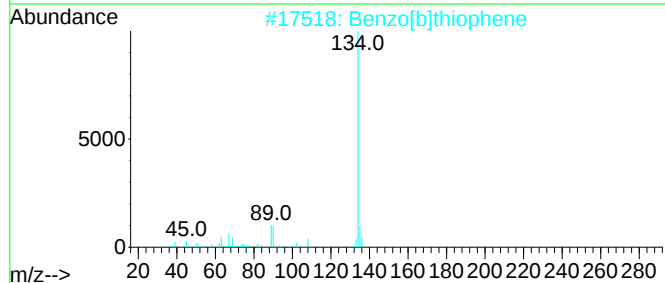
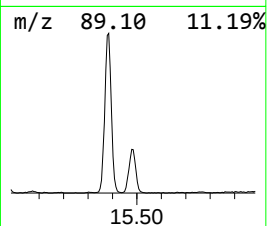
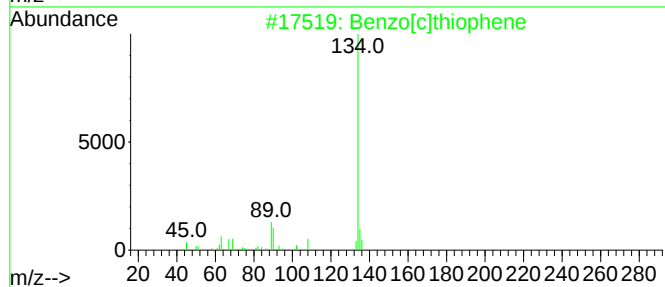
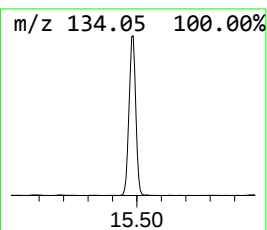
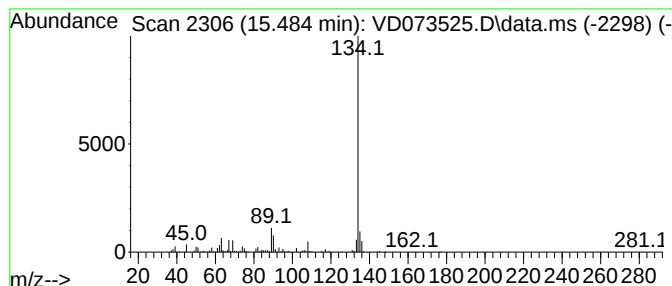
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Quant Title : SW846 8260

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.
15.485	25.89 ug/l	1101720	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94
4			3-Deazaadenine	134	C6H6N4	006811-77-4	59
5			Thiazolidin-4-one, 5-benzylideno...	287	C13H9N3OS2	351062-07-2	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
Data File : VD073525.D
Acq On : 10 Jun 2022 13:38
Operator : VA/SY
Sample : N3203-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GATE-6-JET-GROUT-SPOILS

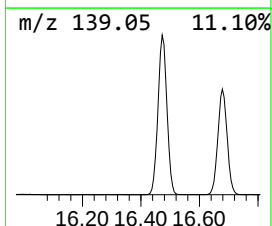
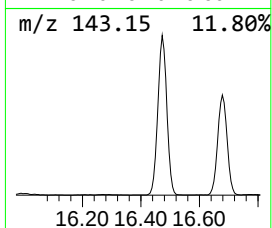
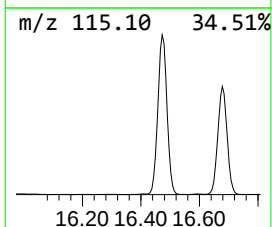
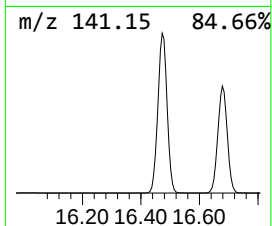
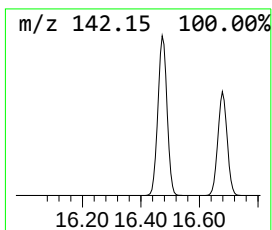
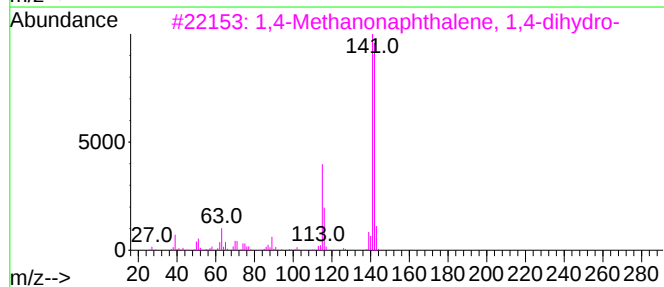
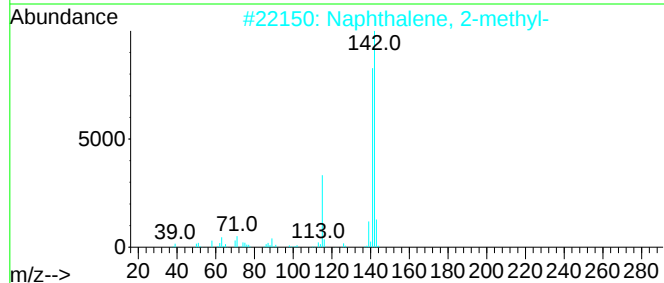
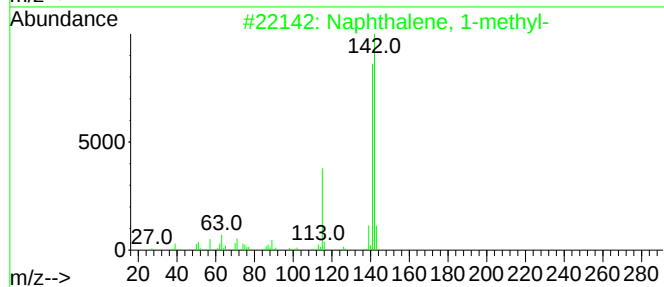
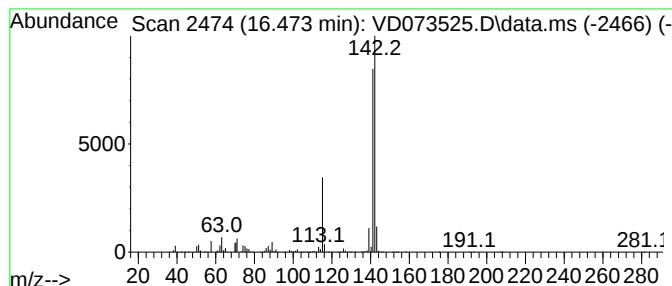
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Quant Title : SW846 8260

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

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.473	554.79 ug/l	23612500	1,4-Dichlorobenzene-d4	13.561

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	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\VD061022\
Data File : VD073525.D
Acq On : 10 Jun 2022 13:38
Operator : VA/SY
Sample : N3203-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GATE-6-JET-GROUT-SPOILS

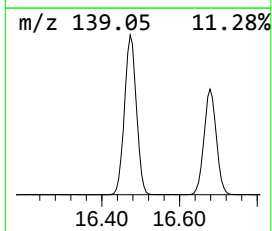
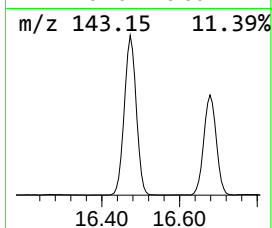
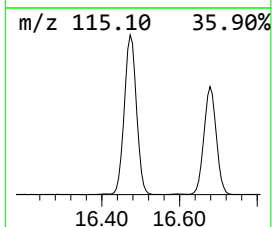
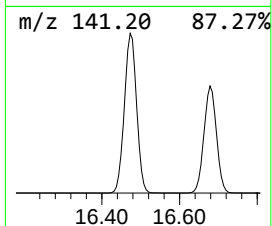
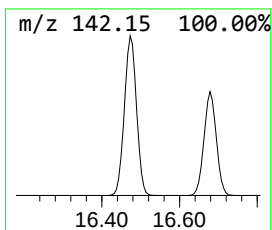
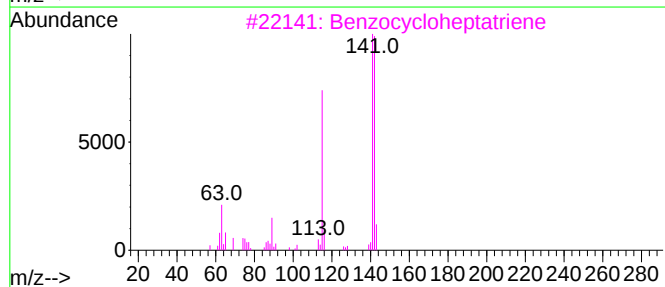
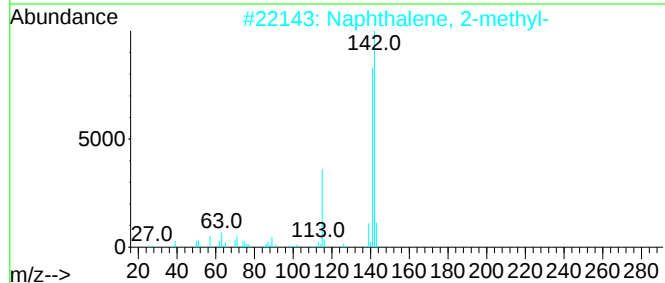
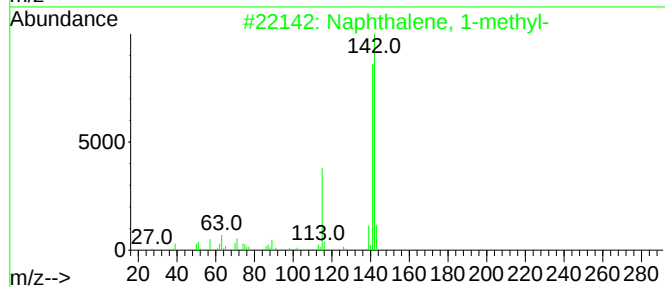
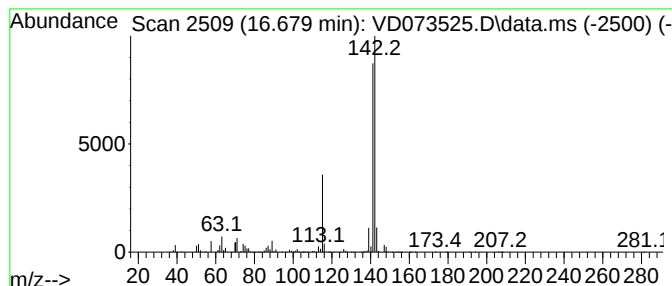
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Quant Title : SW846 8260

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.
16.679	381.26 ug/l	16226600	1,4-Dichlorobenzene-d4	13.561

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	90
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061022\
Data File : VD073525.D
Acq On : 10 Jun 2022 13:38
Operator : VA/SY
Sample : N3203-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GATE-6-JET-GROUT-SPOILS

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.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	13.943	14.9	ug/l	632743	4	13.561	2128040	50.0
Benzene, 2-ethe...	14.696	12.8	ug/l	544997	4	13.561	2128040	50.0
3-Phenylbut-1-ene	14.808	16.1	ug/l	683891	4	13.561	2128040	50.0
2-Methylindene	14.879	18.0	ug/l	767077	4	13.561	2128040	50.0
Benzene, (1-met...	14.967	29.2	ug/l	1240910	4	13.561	2128040	50.0
Azulene	15.384	982.8	ug/l	41829500	4	13.561	2128040	50.0
Benzo[c]thiophene	15.485	25.9	ug/l	1101720	4	13.561	2128040	50.0
Naphthalene, 1-...	16.473	554.8	ug/l	23612500	4	13.561	2128040	50.0
Benzocyclohepta...	16.679	381.3	ug/l	16226600	4	13.561	2128040	50.0