

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073397.D
 Acq On : 26 May 2022 19:27
 Operator : VA/SY
 Sample : N3072-03
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PSC-124035

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\82D051922S.M
 Title : SW846 8260

Signal : TIC: VD073397.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.961	504	517	525	rBV3	33613	115712	2.02%	0.371%
2	7.185	884	895	906	rBV	49592	141339	2.46%	0.453%
3	7.908	1009	1018	1023	rBV2	249392	587555	10.24%	1.883%
4	7.973	1023	1029	1039	rVB	433025	973858	16.97%	3.122%
5	8.326	1071	1089	1100	rBV2	218149	690136	12.02%	2.212%
6	8.861	1170	1180	1192	rBV	635826	1305908	22.75%	4.186%
7	10.332	1422	1430	1438	rBV	1034263	1845413	32.15%	5.915%
8	10.714	1487	1495	1503	rBV	89412	167050	2.91%	0.535%
9	11.073	1547	1556	1565	rBV2	54531	95278	1.66%	0.305%
10	11.638	1643	1652	1661	rBV	975021	1728828	30.12%	5.541%
11	12.479	1787	1795	1805	rBV	1116555	1873692	32.64%	6.006%
12	12.620	1811	1819	1827	rBV	900409	1466960	25.56%	4.702%
13	12.943	1870	1874	1879	rVB2	45653	69677	1.21%	0.223%
14	13.032	1883	1889	1895	rVB3	39790	66119	1.15%	0.212%
15	13.249	1922	1926	1931	rBV2	40121	62142	1.08%	0.199%
16	13.473	1958	1964	1972	rBV4	44715	84478	1.47%	0.271%
17	13.561	1972	1979	1993	rVB	1054070	1725442	30.06%	5.531%
18	13.761	2001	2013	2025	rBV2	146434	344437	6.00%	1.104%
19	13.943	2036	2044	2049	rBV	55776	93336	1.63%	0.299%
20	14.096	2064	2070	2076	rVB2	35719	64232	1.12%	0.206%
21	14.214	2084	2090	2096	rBV	46023	79661	1.39%	0.255%
22	14.426	2116	2126	2128	rBV3	46534	92055	1.60%	0.295%
23	14.461	2128	2132	2136	rVV	49125	85304	1.49%	0.273%
24	14.696	2166	2172	2177	rBV2	76821	129667	2.26%	0.416%
25	14.814	2184	2192	2198	rBV2	202754	389054	6.78%	1.247%
26	14.879	2198	2203	2210	rVB5	31914	59393	1.03%	0.190%
27	14.961	2212	2217	2226	rBV4	45949	85469	1.49%	0.274%
28	15.073	2226	2236	2242	rBV4	39655	103914	1.81%	0.333%
29	15.179	2246	2254	2264	rVB6	37970	130127	2.27%	0.417%
30	15.302	2267	2275	2278	rBV2	51820	104383	1.82%	0.335%
31	15.379	2281	2288	2298	rVV	3188191	5739891	100.00%	18.398%
32	15.484	2298	2306	2312	rVV4	149278	368335	6.42%	1.181%
33	15.543	2312	2316	2323	rVB2	43480	76974	1.34%	0.247%
34	15.679	2332	2339	2345	rBV2	70052	137896	2.40%	0.442%
35	15.849	2362	2368	2383	rVB2	49478	141422	2.46%	0.453%
36	16.055	2399	2403	2410	rVB3	32656	65142	1.13%	0.209%

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ClientSampleId :
PSC-124035

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\82D051922S.M
Title : SW846 8260

37	16.408	2452	2463	2466	rBV3	80311	214058	3.73%	0.686%
38	16.473	2466	2474	2487	rVV	2423973	5325345	92.78%	17.069%
39	16.596	2487	2495	2500	rVV5	36713	94025	1.64%	0.301%
40	16.678	2500	2509	2521	rVB	1940572	4274661	74.47%	13.702%

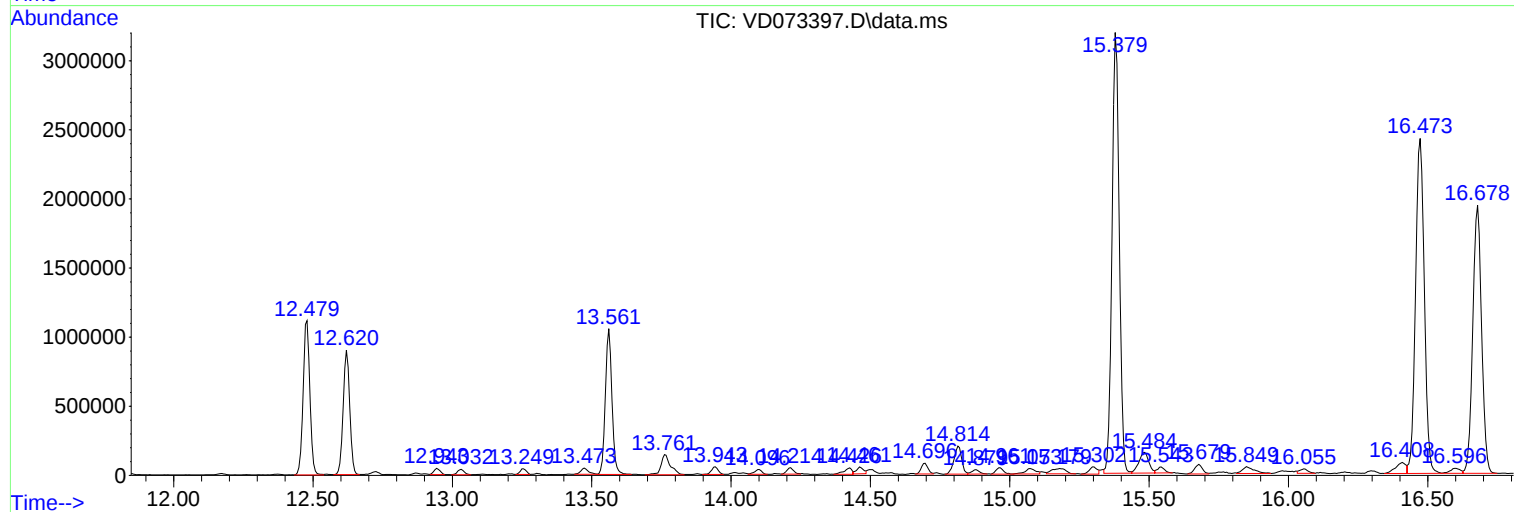
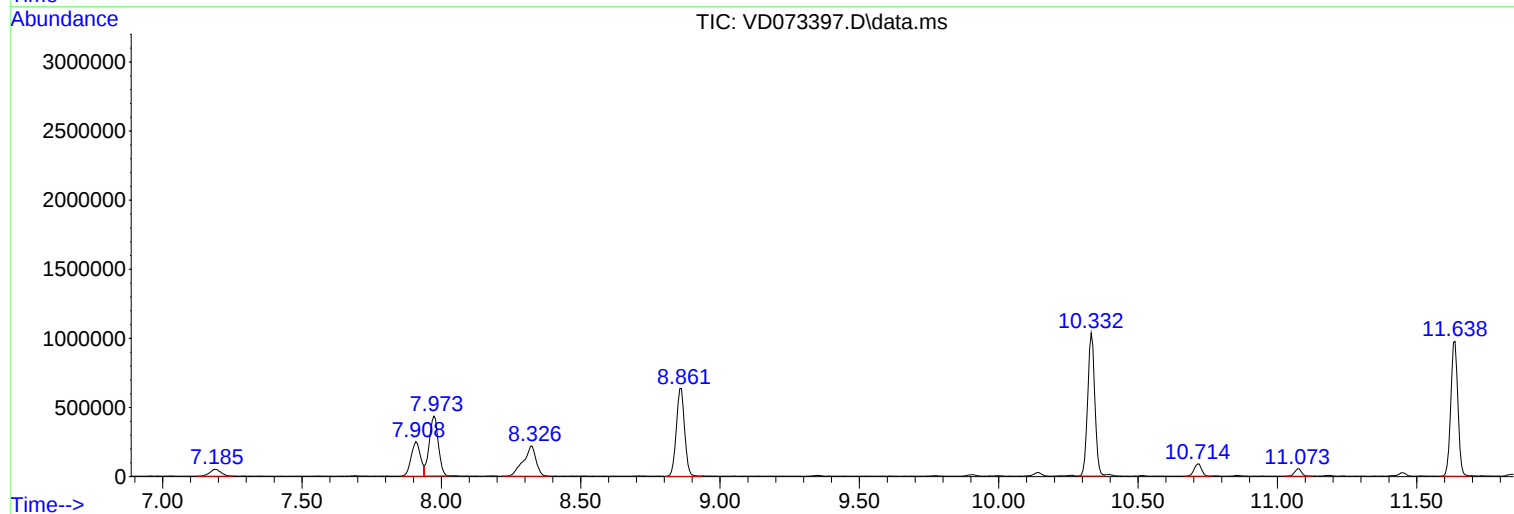
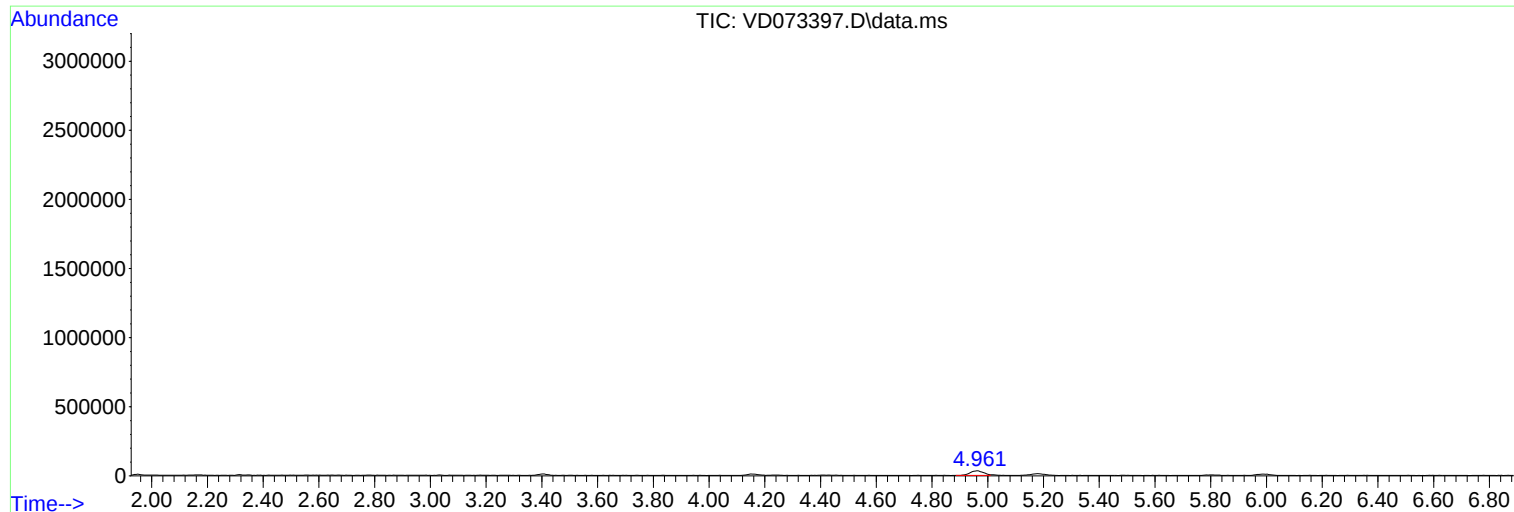
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_D
ClientSampleId :
PSC-124035

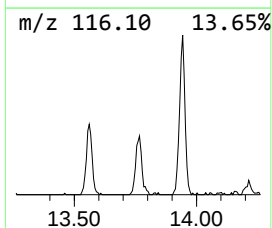
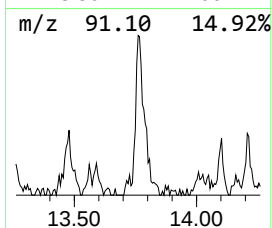
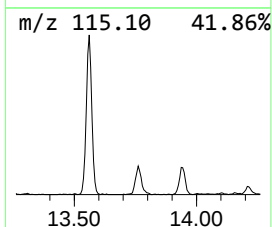
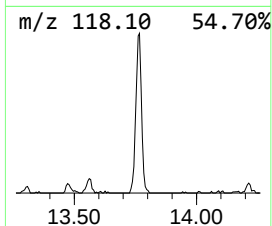
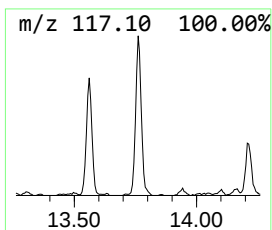
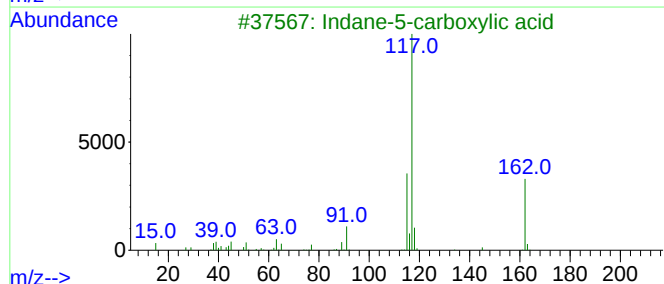
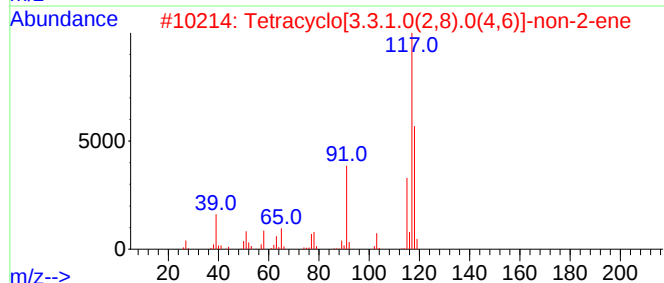
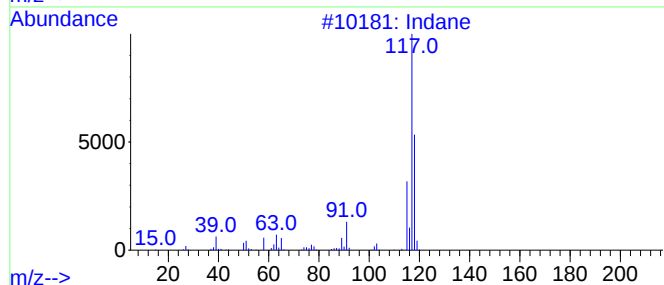
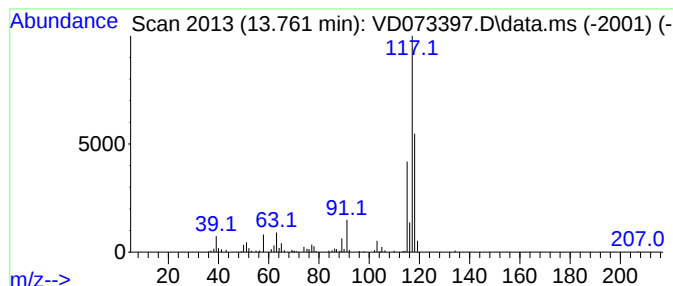
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 3 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.761	9.98 ug/l	344437	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indane	118	C9H10	000496-11-7	90
2			Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	68
3			Indane-5-carboxylic acid	162	C10H10O2	065898-38-6	64
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	58
5			Benzene, cyclopropyl-	118	C9H10	000873-49-4	58



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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PSC-124035

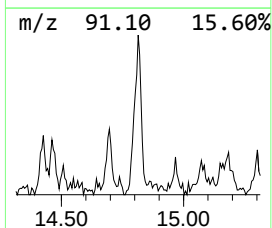
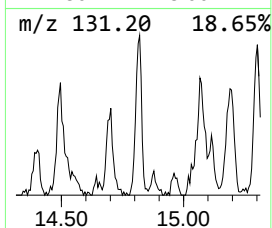
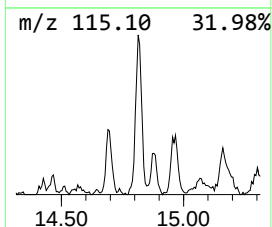
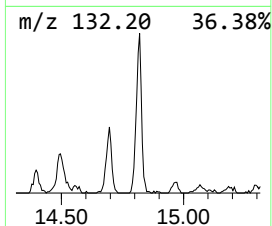
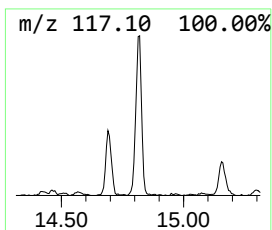
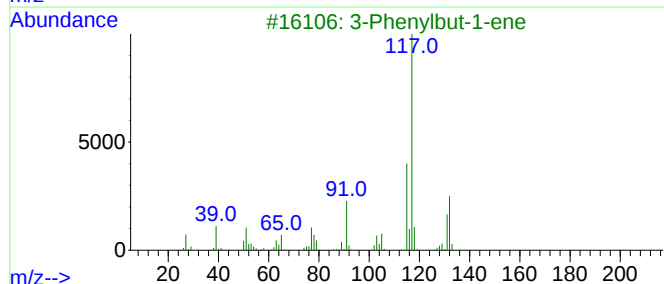
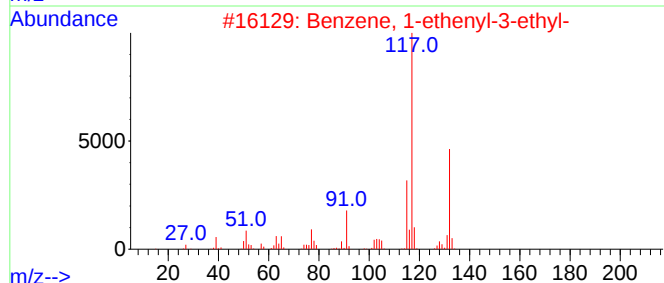
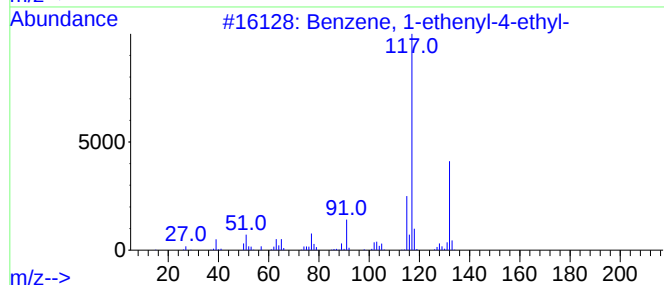
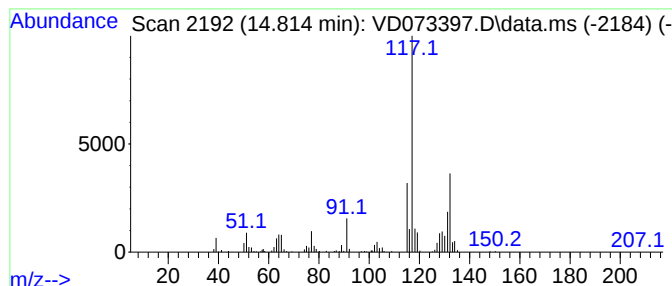
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 4 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.814	11.27 ug/l	389054	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
3			3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5			1-Phenyl-1-butene	132	C10H12	000824-90-8	87



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Sample : N3072-03
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PSC-124035

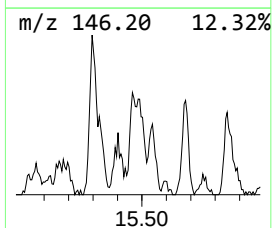
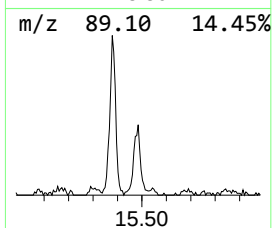
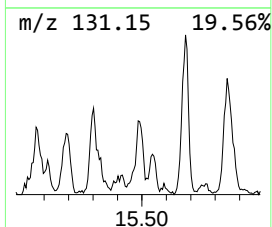
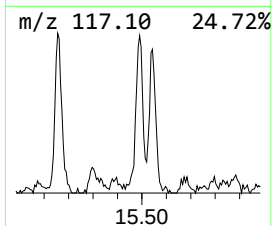
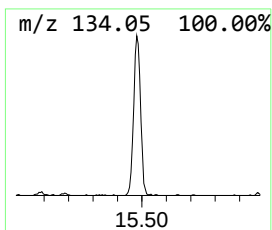
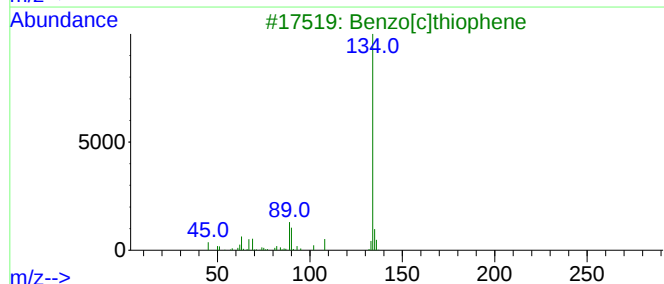
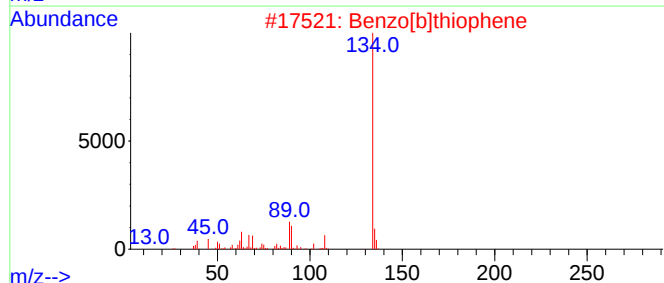
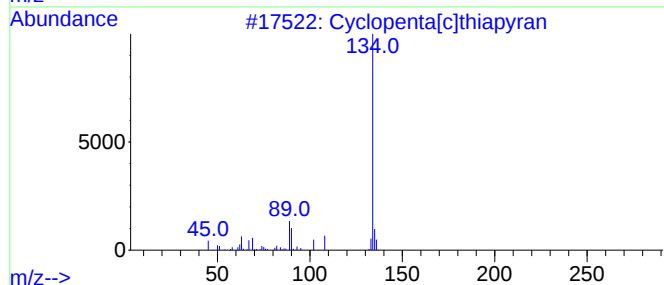
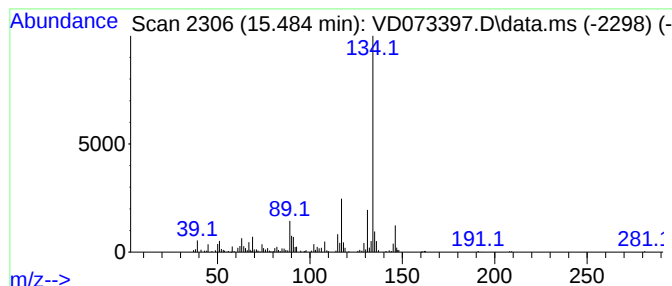
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 6 Cyclopenta[c]thiapyran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.484	10.67 ug/l	368335	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	92
2			Benzo[b]thiophene	134	C8H6S	000095-15-8	90
3			Benzo[c]thiophene	134	C8H6S	000270-82-6	64
4			3-(2'-Methyl benzenaminomethyl),...	324	C18H16N2O2S	312926-67-3	50
5			Benzo[b]cyclobuta[d]thiophene-1,...	264	C13H12O4S	034244-75-2	50



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Instrument :
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ClientSampleId :
PSC-124035

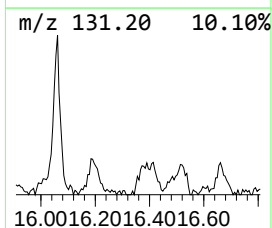
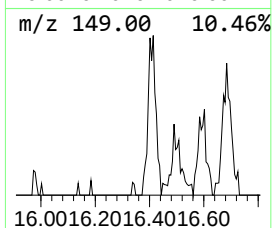
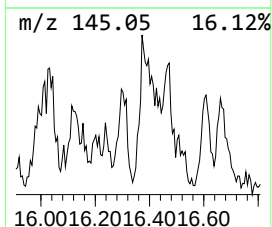
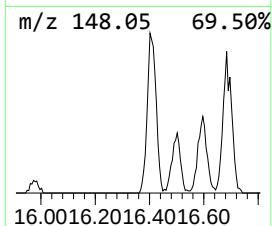
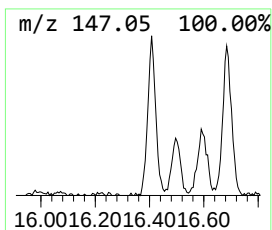
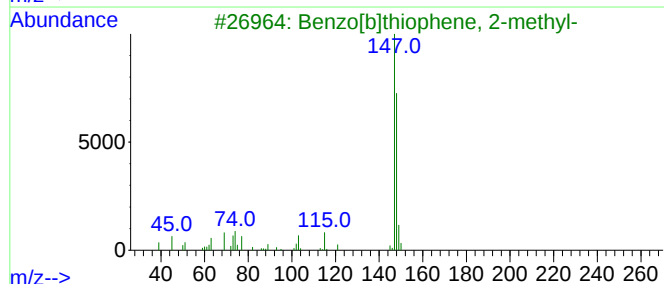
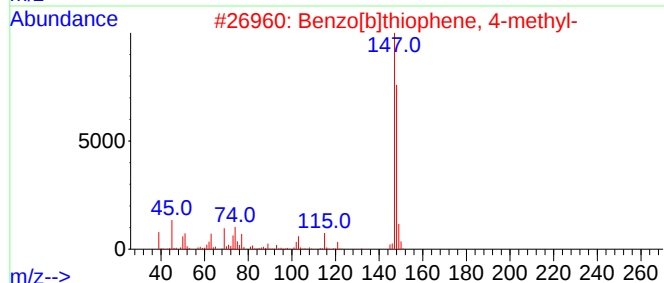
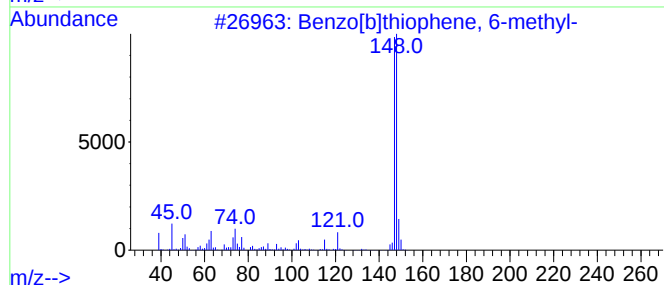
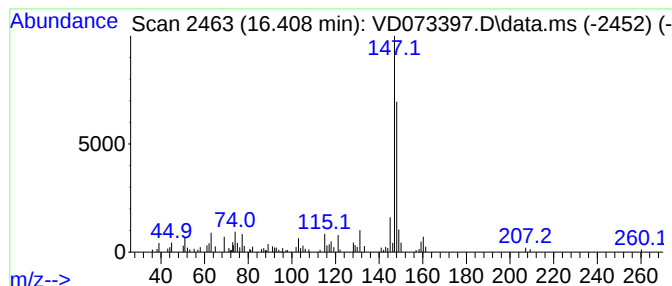
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 7 Benzo[b]thiophene, 6-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.408	6.20 ug/l	214058	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	90
2			Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	81
3			Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	81
4			Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	81
5			3-Methylbenzothiophene	148	C9H8S	001455-18-1	81



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MSVOA_D
ClientSampleId :
PSC-124035

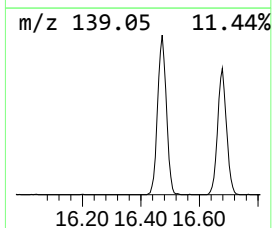
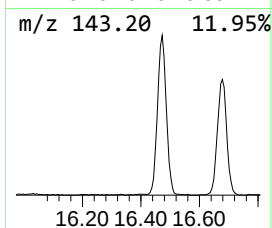
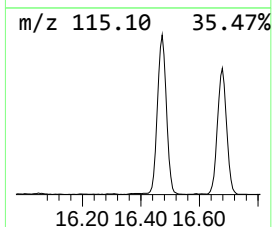
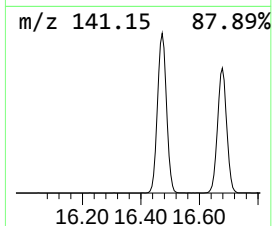
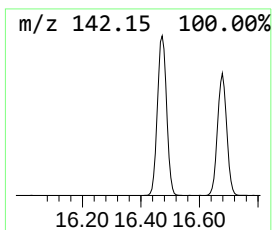
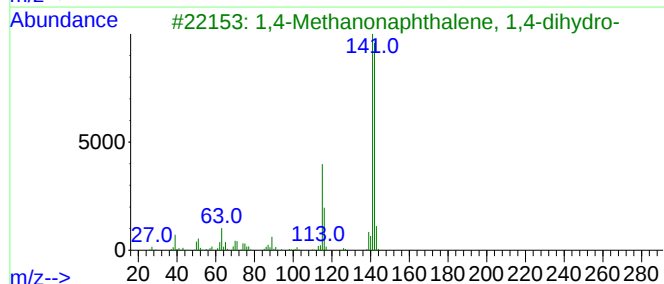
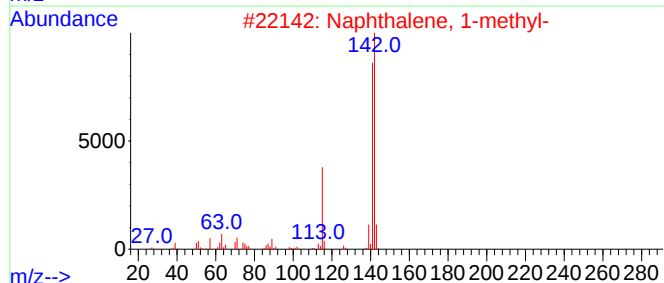
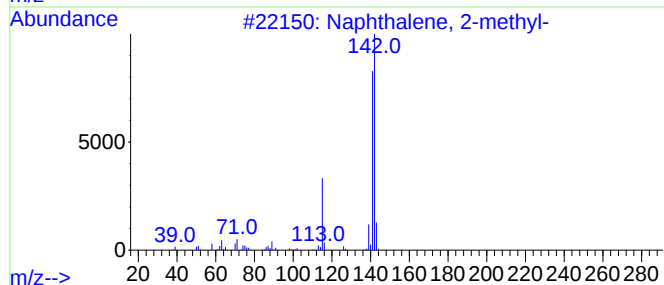
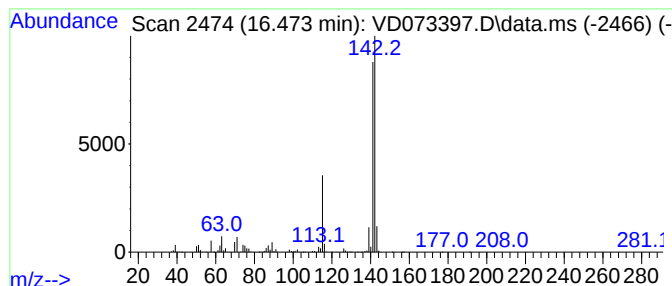
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Quant Title : SW846 8260

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

Peak Number 8 1,4-Methanonaphthalene, 1,4... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.473	154.32 ug/l	5325350	1,4-Dichlorobenzene-d4	13.561

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	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
Data File : VD073397.D
Acq On : 26 May 2022 19:27
Operator : VA/SY
Sample : N3072-03
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PSC-124035

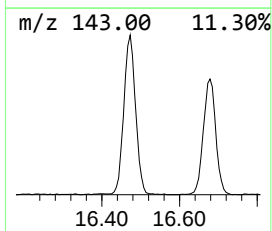
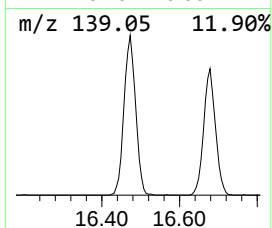
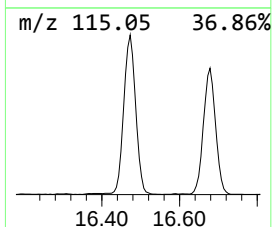
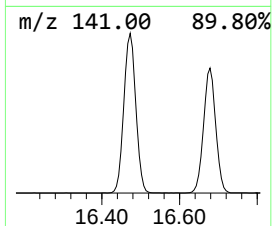
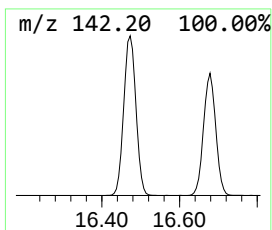
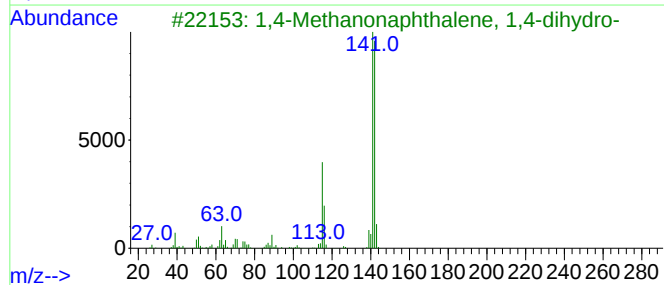
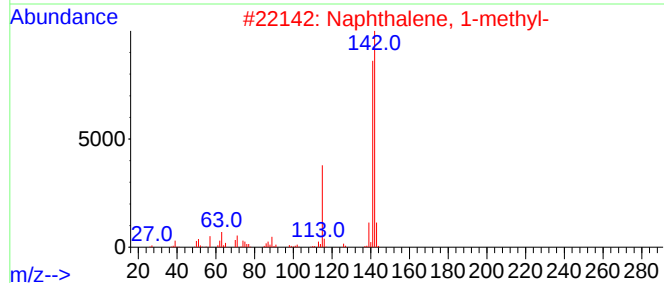
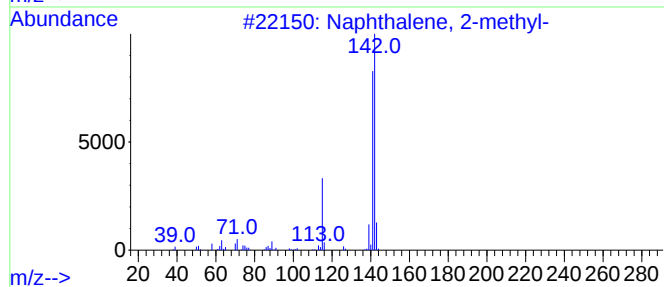
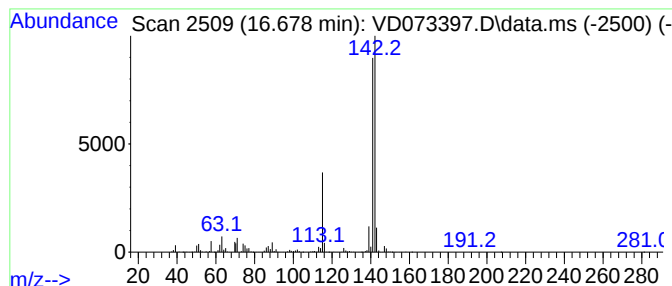
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 9 Bicyclo[4.4.1]undeca-1,3,5,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.679	123.87 ug/l	4274660	1,4-Dichlorobenzene-d4	13.561

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			Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5			Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
Data File : VD073397.D
Acq On : 26 May 2022 19:27
Operator : VA/SY
Sample : N3072-03
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PSC-124035

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Indane	13.761	10.0	ug/l	344437	4	13.561	1725440	50.0
Benzene, 1-ethe...	14.814	11.3	ug/l	389054	4	13.561	1725440	50.0
Cyclopenta[c]th...	15.484	10.7	ug/l	368335	4	13.561	1725440	50.0
Benzo[b]thiophe...	16.408	6.2	ug/l	214058	4	13.561	1725440	50.0
1,4-Methanonaph...	16.473	154.3	ug/l	5325350	4	13.561	1725440	50.0
Bicyclo[4.4.1]u...	16.679	123.9	ug/l	4274660	4	13.561	1725440	50.0