

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073391.D
 Acq On : 26 May 2022 16:35
 Operator : VA/SY
 Sample : N3055-03
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ETGI-329

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: VD073391.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.315	61	67	75	rBV	38570	60948	4.03%	0.533%
2	4.962	506	517	530	rBV3	35321	117661	7.77%	1.028%
3	5.214	545	560	571	rVB5	13106	60942	4.03%	0.533%
4	5.985	681	691	693	rBV4	7493	17825	1.18%	0.156%
5	7.191	885	896	904	rBV	17031	46281	3.06%	0.404%
6	7.908	1007	1018	1023	rBV	231839	543496	35.90%	4.750%
7	7.973	1023	1029	1040	rVB2	364442	815192	53.85%	7.125%
8	8.326	1074	1089	1102	rVB2	200252	467552	30.88%	4.086%
9	8.861	1170	1180	1189	rBV	535208	1104645	72.97%	9.655%
10	10.332	1421	1430	1438	rBV	848392	1513897	100.00%	13.232%
11	11.020	1542	1547	1552	rBV	8952	15818	1.04%	0.138%
12	11.073	1552	1556	1563	rVB3	33215	52472	3.47%	0.459%
13	11.632	1642	1651	1664	rBV	806587	1423070	94.00%	12.438%
14	11.844	1682	1687	1691	rBV5	12585	22257	1.47%	0.195%
15	12.479	1788	1795	1800	rBV	51563	98248	6.49%	0.859%
16	12.620	1813	1819	1826	rBV	616508	981866	64.86%	8.582%
17	12.720	1826	1836	1840	rBV7	28443	60326	3.98%	0.527%
18	12.867	1856	1861	1864	rBV5	18471	33927	2.24%	0.297%
19	12.938	1869	1873	1880	rVV5	55959	115369	7.62%	1.008%
20	13.196	1910	1917	1922	rBV9	12312	37846	2.50%	0.331%
21	13.261	1923	1928	1938	rVV5	36424	90010	5.95%	0.787%
22	13.385	1945	1949	1952	rBV6	10909	17464	1.15%	0.153%
23	13.443	1954	1959	1960	rBV5	24558	38702	2.56%	0.338%
24	13.561	1972	1979	1986	rBV	538375	927201	61.25%	8.104%
25	13.761	2007	2013	2015	rBV6	23425	44815	2.96%	0.392%
26	13.879	2028	2033	2040	rBV4	127428	257962	17.04%	2.255%
27	13.985	2047	2051	2052	rBV4	20827	25934	1.71%	0.227%
28	14.208	2085	2089	2093	rBV3	46862	74130	4.90%	0.648%
29	14.267	2095	2099	2105	rVB8	54374	101409	6.70%	0.886%
30	14.332	2107	2110	2114	rBV6	35230	64850	4.28%	0.567%
31	14.390	2115	2120	2123	rBV2	148794	252701	16.69%	2.209%
32	14.549	2137	2147	2152	rBV3	125881	354574	23.42%	3.099%
33	14.602	2154	2156	2165	rVB7	85585	135058	8.92%	1.180%
34	14.814	2186	2192	2195	rBV6	92663	202848	13.40%	1.773%
35	14.861	2196	2200	2206	rVB5	172226	308363	20.37%	2.695%
36	14.979	2215	2220	2223	rBV4	127809	241652	15.96%	2.112%

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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
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37	15.073	2232	2236	2242	rVB4	140144	257740	17.02%	2.253%
38	15.343	2279	2282	2288	rBV4	80931	137764	9.10%	1.204%
39	15.890	2371	2375	2381	rBV7	162978	318762	21.06%	2.786%

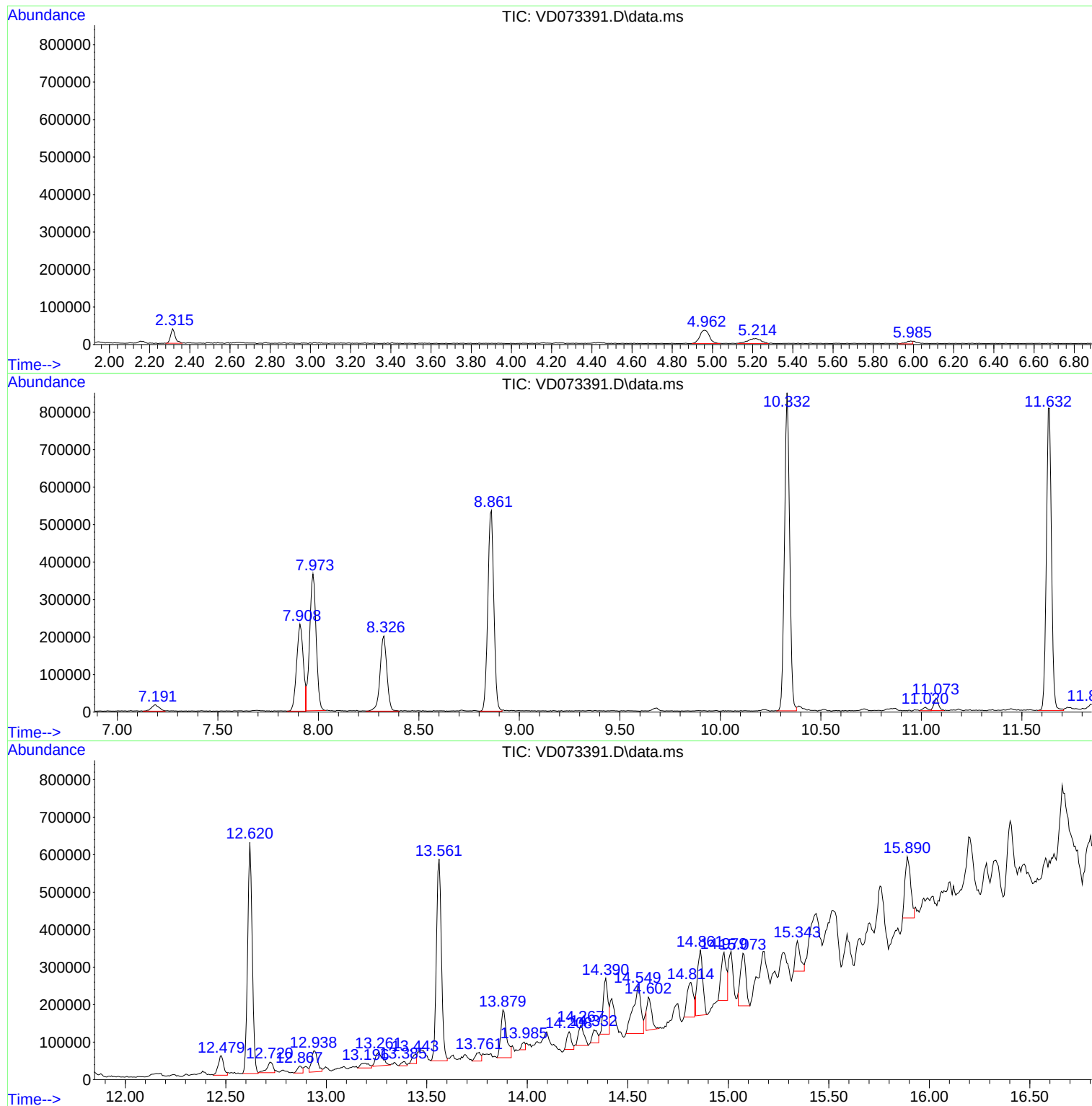
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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



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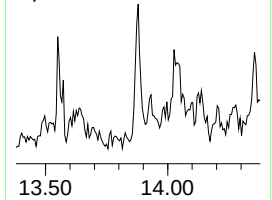
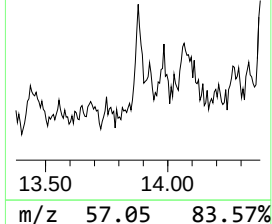
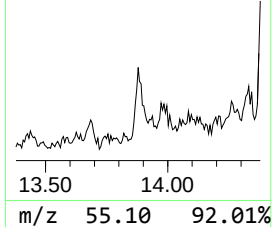
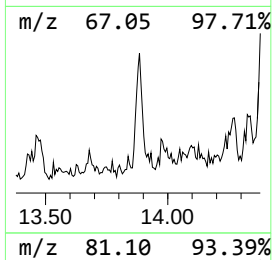
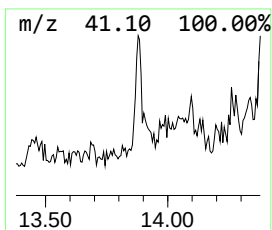
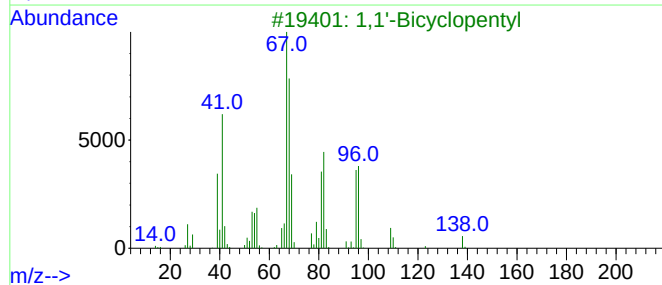
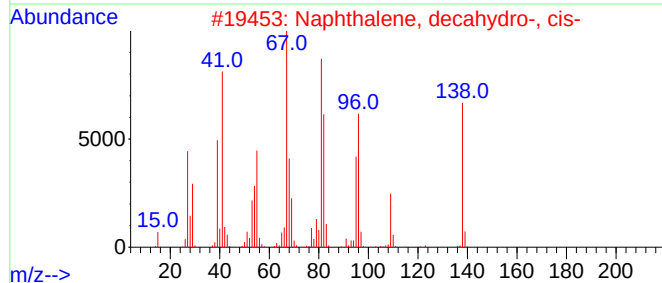
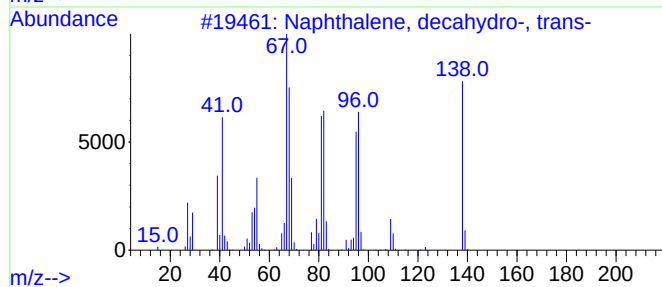
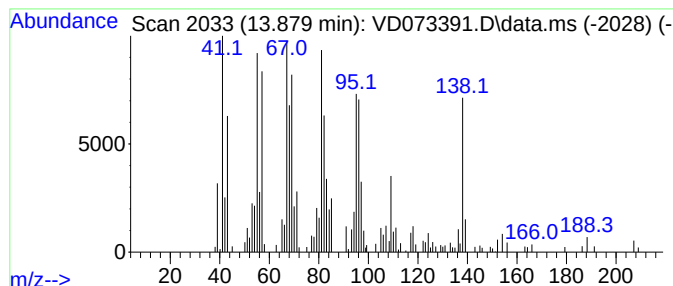
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 1 Naphthalene, decahydro-, tr... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.879	13.91 ug/l	257962	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	89
2			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	78
3			1,1'-Bicyclopentyl	138	C10H18	001636-39-1	70
4			Cyclodecene	138	C10H18	003618-12-0	62
5			Cyclooctene, 1,2-dimethyl-	138	C10H18	054299-96-6	58



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ALS Vial : 13 Sample Multiplier: 1

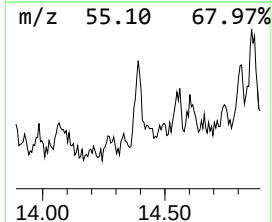
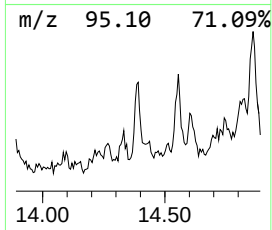
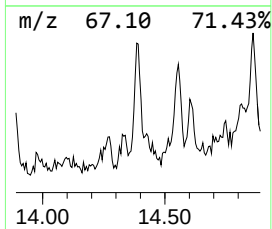
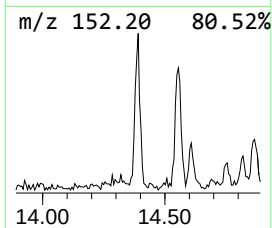
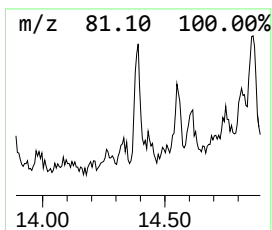
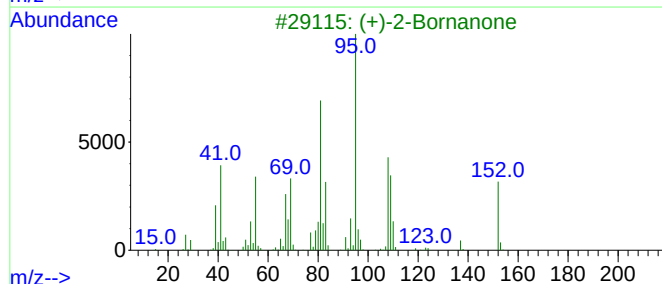
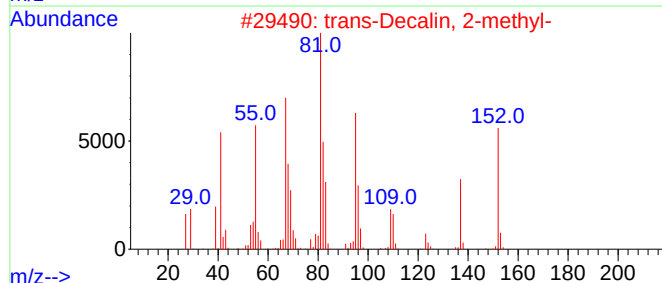
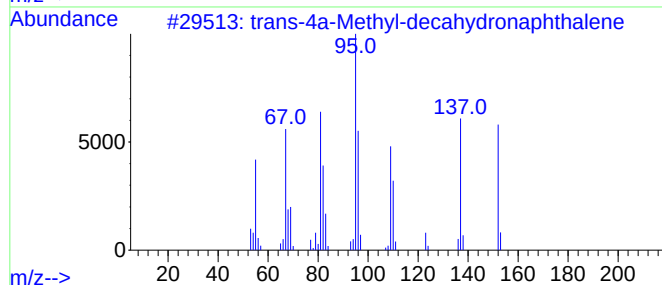
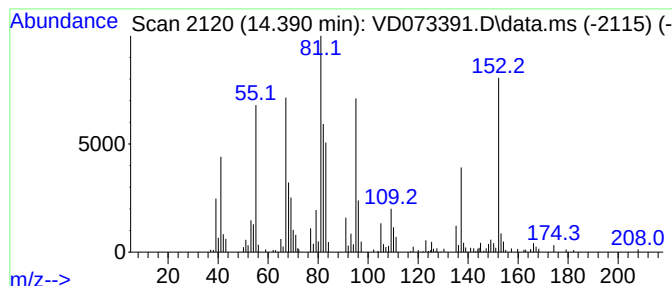
Instrument :
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 trans-4a-Methyl-decahydrona... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.390	13.63 ug/l	252701	1,4-Dichlorobenzene-d4	13.561	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	90
2	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	64
4	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	62
5	Pulegone	152	C10H16O	000089-82-7	58



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Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

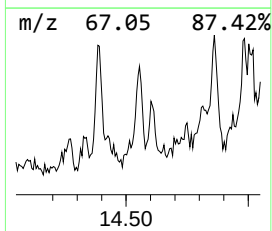
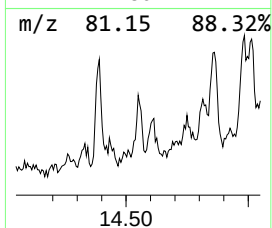
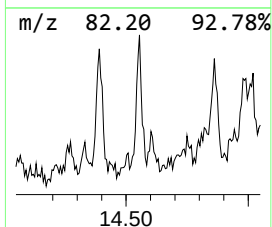
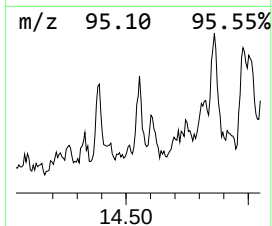
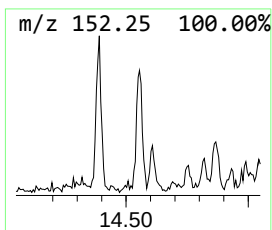
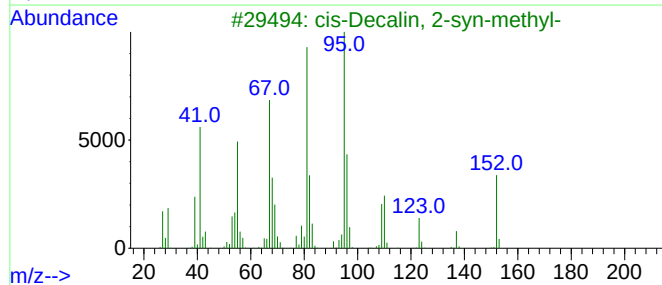
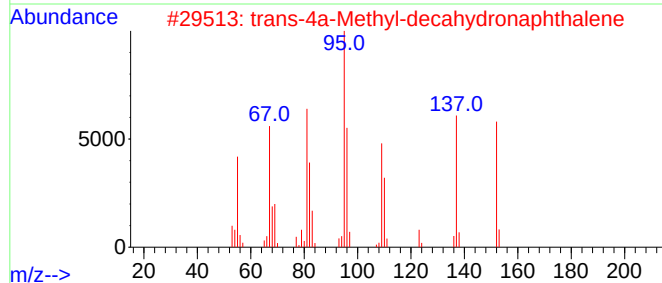
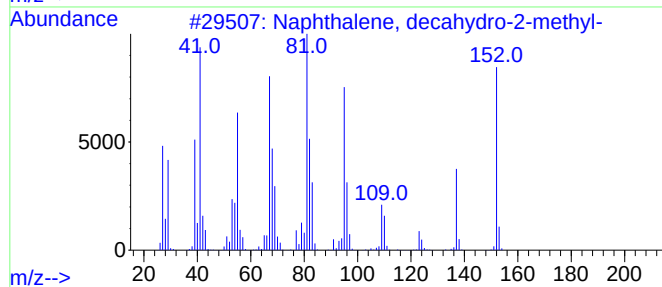
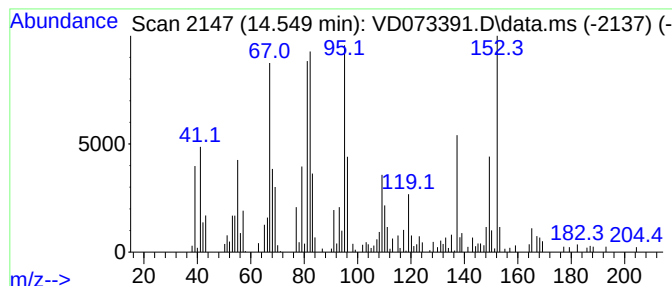
Instrument :
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, decahydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.549	19.12 ug/l	354574	1,4-Dichlorobenzene-d4	13.561	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
2	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	83
3	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	70
4	(+)-Dihydrocarvone	152	C10H16O	005524-05-0	55
5	Cyclohexanone, 2-methyl-5-(1-met...	152	C10H16O	005948-04-9	55



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Misc : 4.99G/5.00ml/MSVOA_D/SOIL
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Instrument :
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ClientSampleId :
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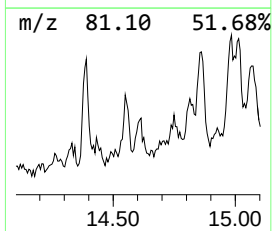
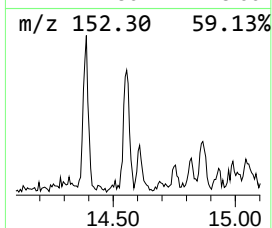
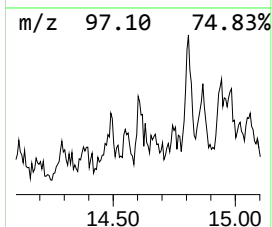
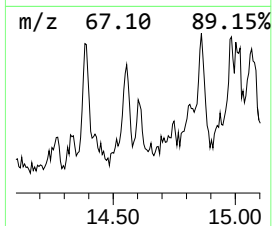
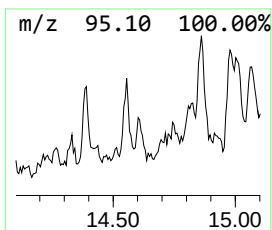
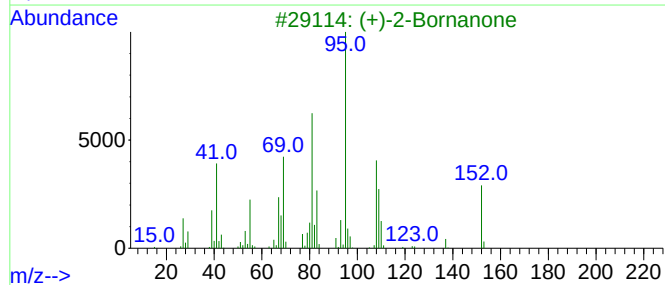
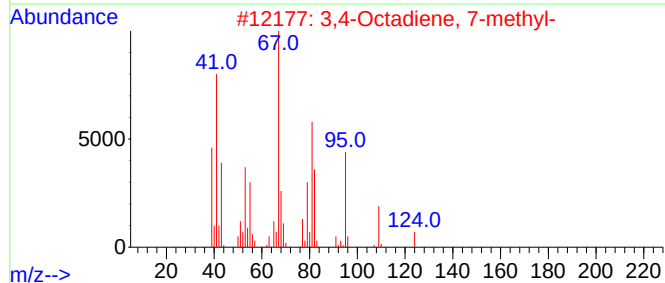
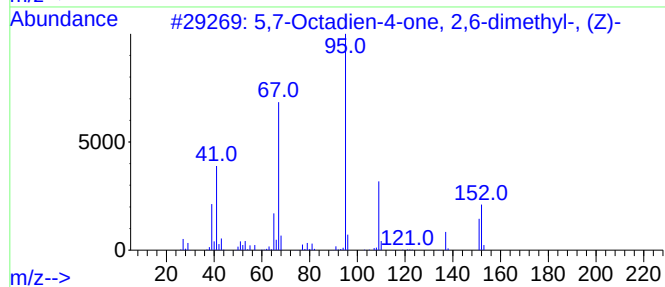
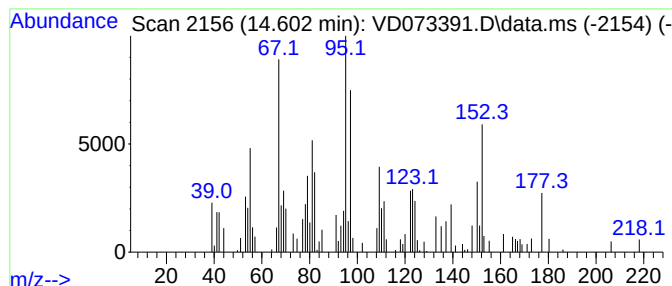
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Quant Title : SW846 8260

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

Peak Number 4 5,7-Octadien-4-one, 2,6-dim... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.602	7.28 ug/l	135058	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,7-Octadien-4-one, 2,6-dimethyl...	152	C10H16O	003588-18-9	46
2			3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	42
3			(+)-2-Bornanone	152	C10H16O	000464-49-3	42
4			Camphor	152	C10H16O	000076-22-2	38
5			Spiro[5.5]undecane	152	C11H20	000180-43-8	38



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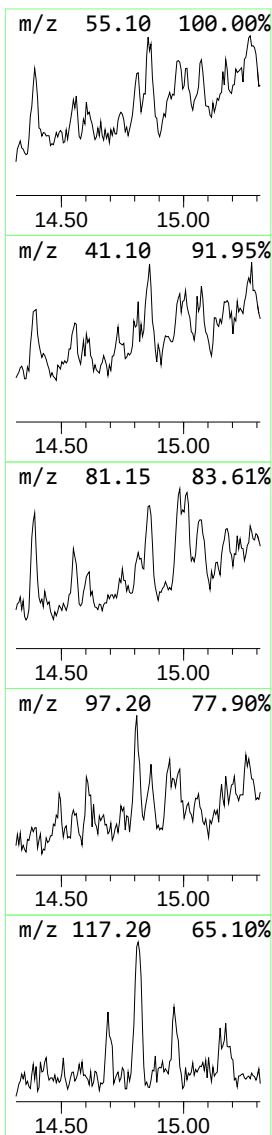
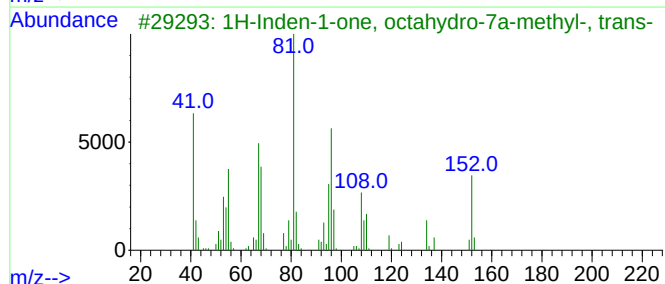
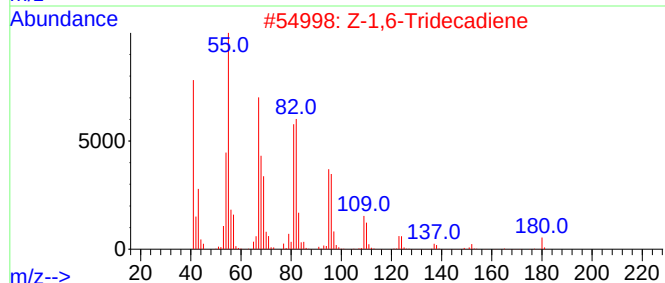
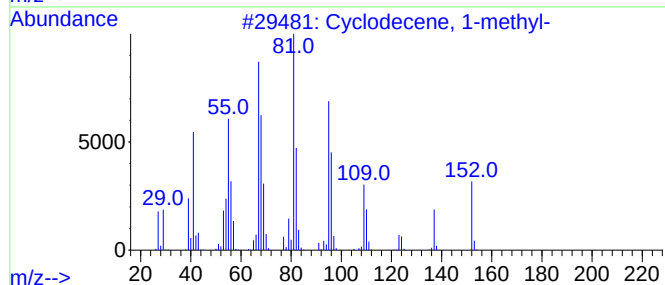
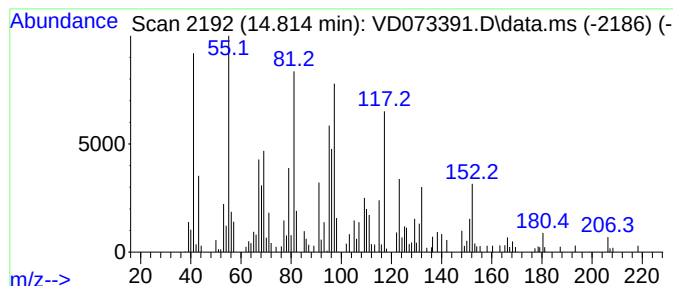
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260

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

Peak Number 5 Cyclodecene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.814	10.94 ug/l	202848	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	60
2			Z-1,6-Tridecadiene	180	C13H24	1000130-98-3	46
3			1H-Inden-1-one, octahydro-7a-met...	152	C10H16O	017428-83-0	46
4			Bicyclo[3.1.0]hexan-2-one, 5-(1-...	138	C9H14O	000513-20-2	43
5			1,11-Dodecadiene	166	C12H22	005876-87-9	43



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ClientSampleId :
ETGI-329

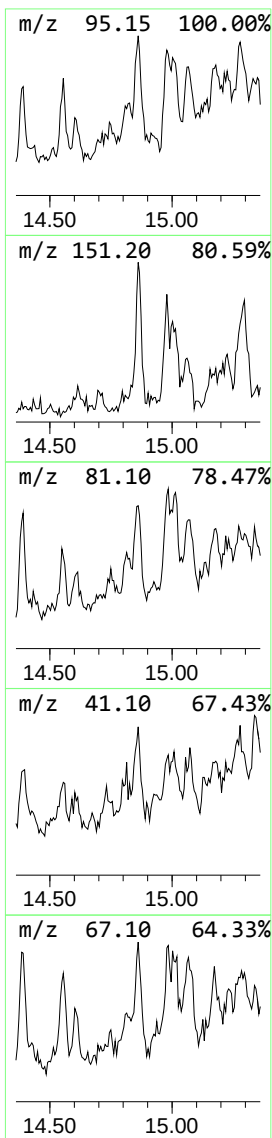
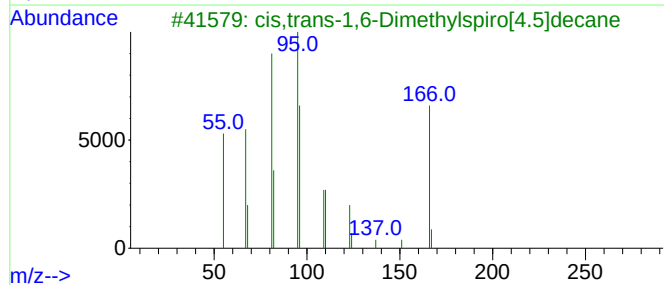
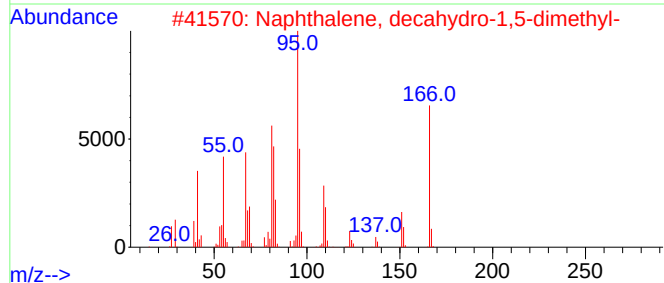
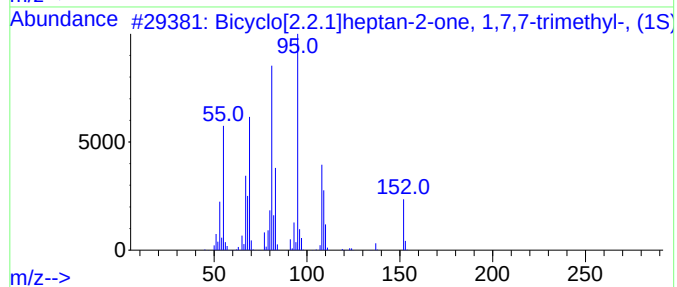
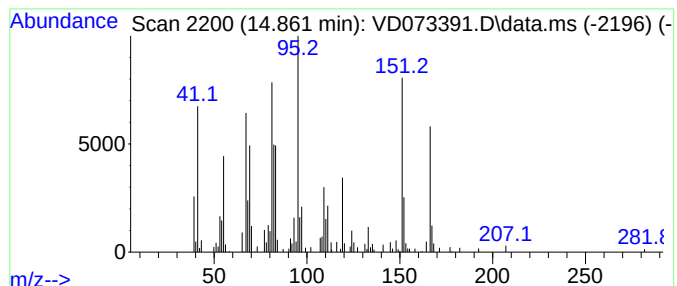
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Quant Title : SW846 8260

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

Peak Number 6 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.861	16.63 ug/l	308363	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	70
2			Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	49
3			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	45
4			Camphor	152	C10H16O	000076-22-2	45
5			Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
Data File : VD073391.D
Acq On : 26 May 2022 16:35
Operator : VA/SY
Sample : N3055-03
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ETGI-329

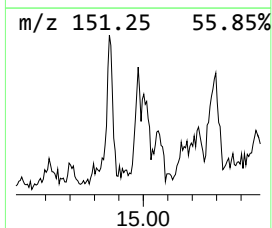
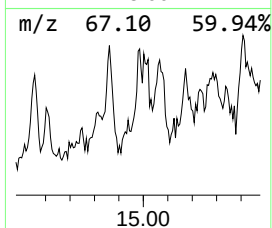
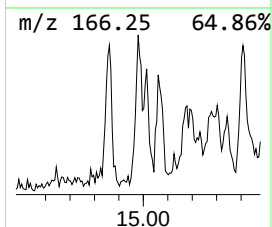
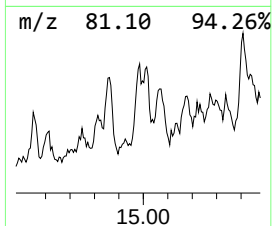
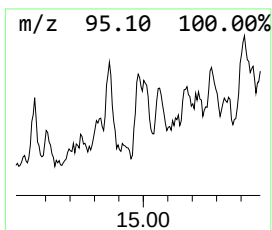
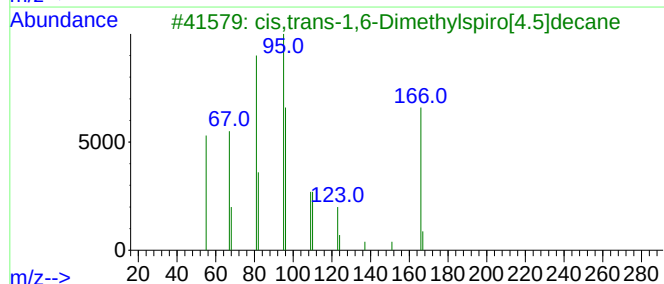
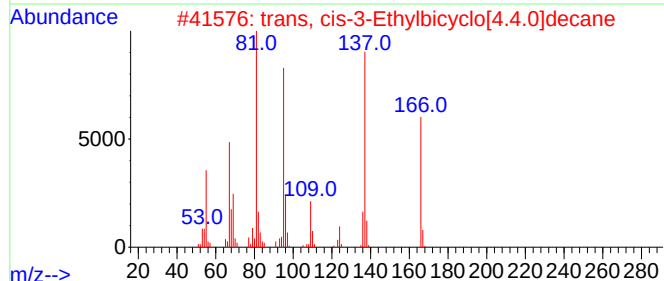
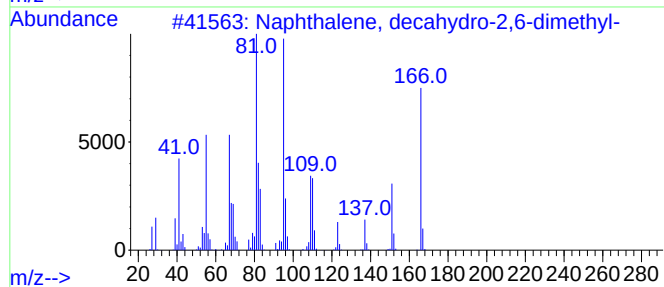
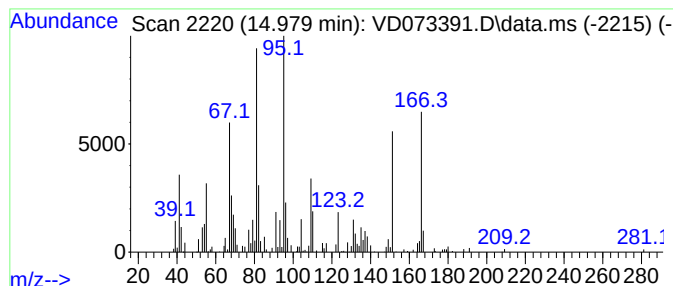
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro-2,6-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.979	13.03 ug/l	241652	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	80
2			trans, cis-3-Ethylbicyclo[4.4.0]...	166	C12H22	066660-43-3	74
3			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	72
4			Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	70
5			trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
Data File : VD073391.D
Acq On : 26 May 2022 16:35
Operator : VA/SY
Sample : N3055-03
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ETGI-329

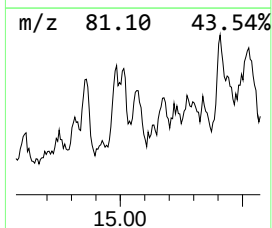
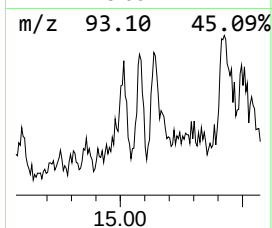
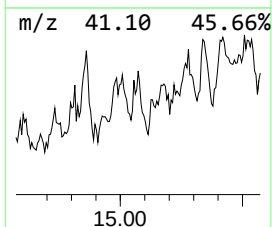
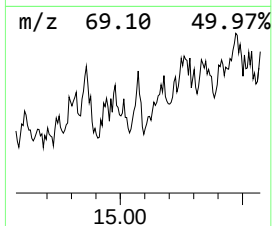
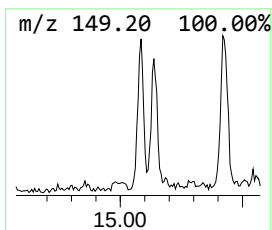
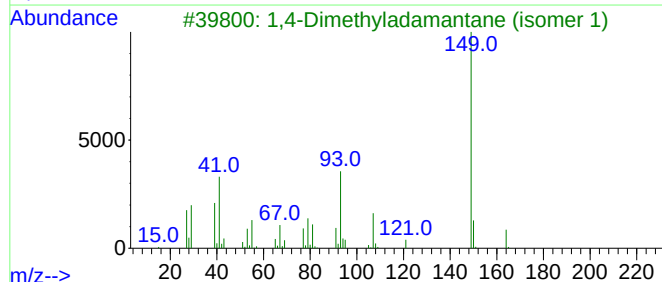
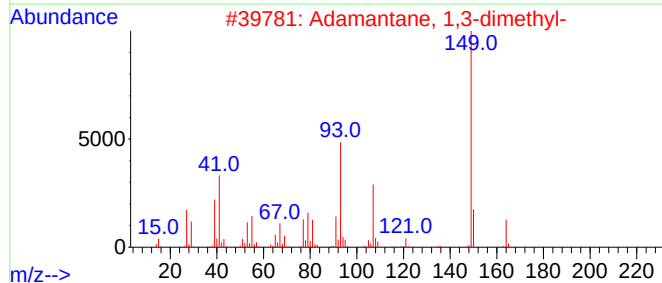
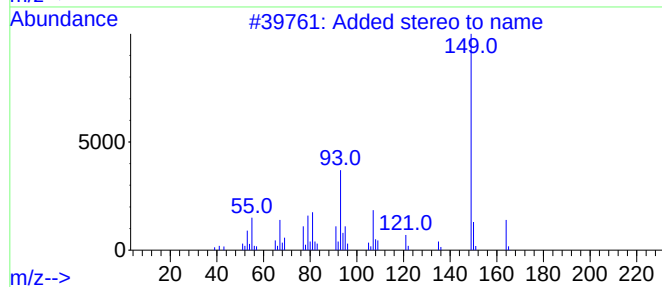
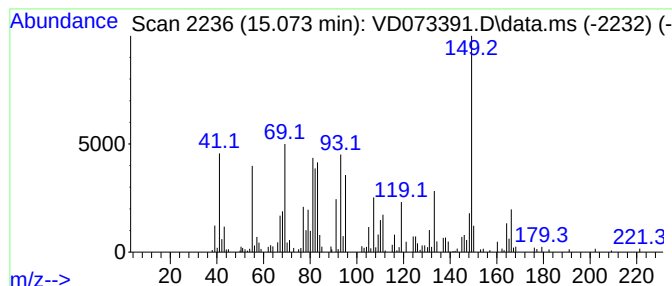
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.073 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.073	13.90 ug/l	257740	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Added stereo to name			164	C12H20	024145-89-9	43
2	Adamantane, 1,3-dimethyl-			164	C12H20	000702-79-4	43
3	1,4-Dimethyladamantane (isomer 1)			164	C12H20	1000460-67-0	38
4	1,4-Dimethyladamantane (isomer 2)			164	C12H20	1000460-67-1	38
5	Methyl (1s,3s,5R,7S)-3-methylada...			208	C13H20O2	1010504-39-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
Data File : VD073391.D
Acq On : 26 May 2022 16:35
Operator : VA/SY
Sample : N3055-03
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ETGI-329

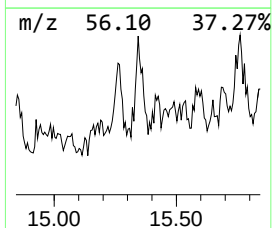
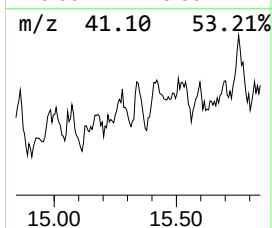
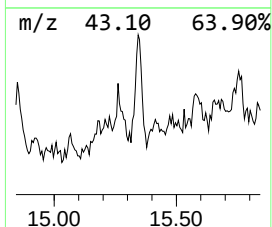
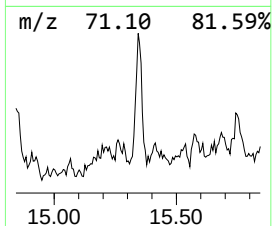
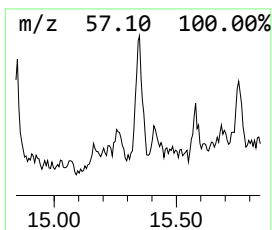
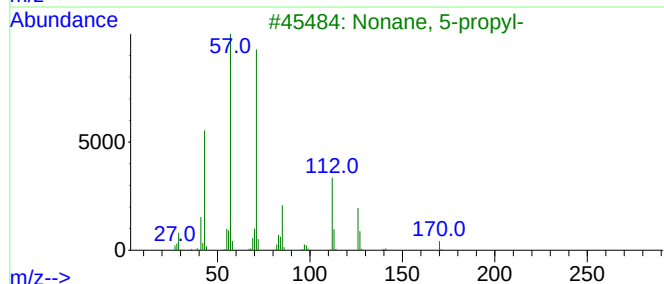
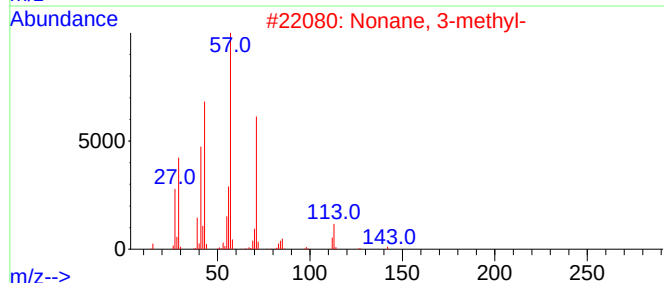
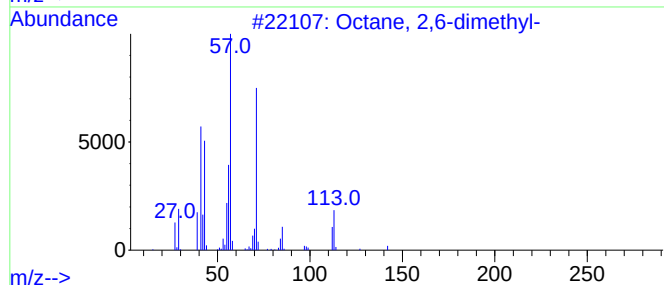
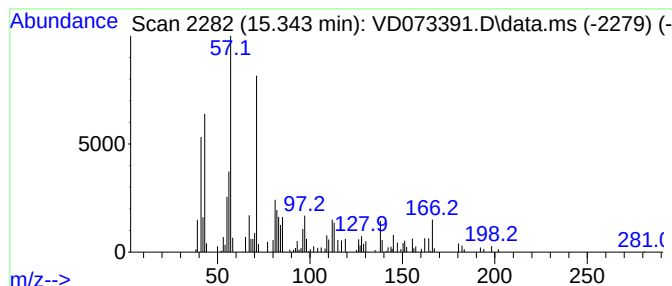
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Quant Title : SW846 8260

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

Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.343	7.43 ug/l	137764	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	60
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	55
3			Nonane, 5-propyl-	170	C12H26	000998-35-6	47
4			3-Bromooctane	192	C8H17Br	000999-64-4	43
5			2-Nonanol, 2-methylpropionate	214	C13H26O2	069121-76-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
Data File : VD073391.D
Acq On : 26 May 2022 16:35
Operator : VA/SY
Sample : N3055-03
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

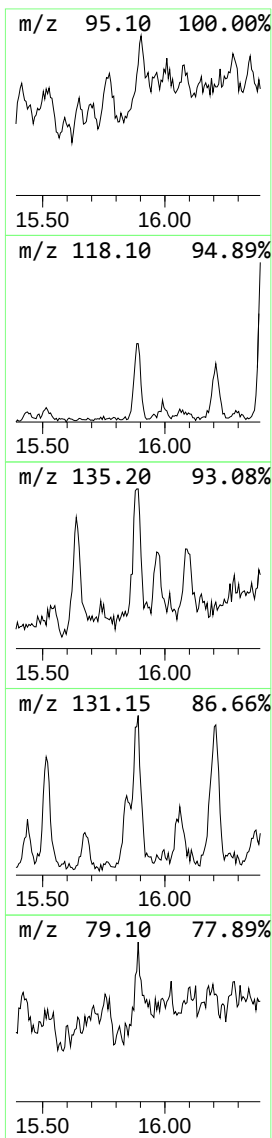
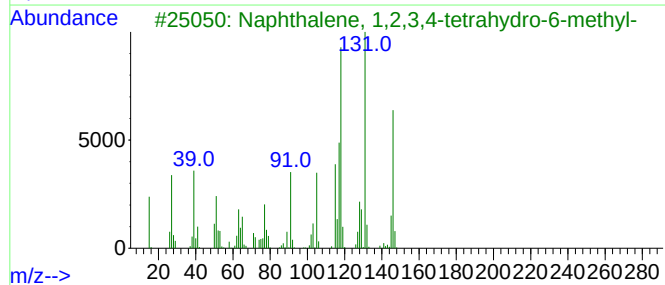
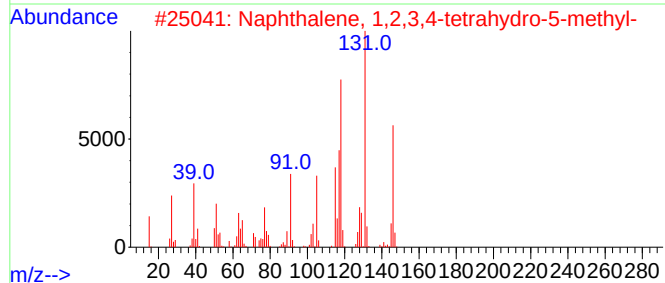
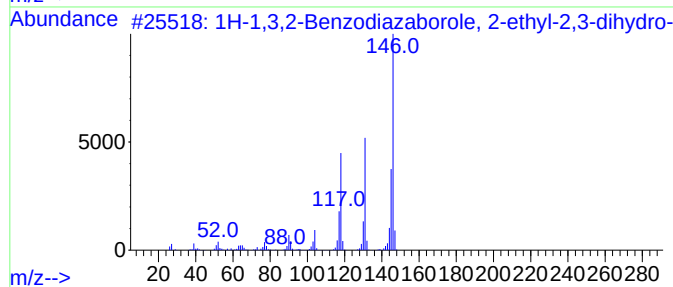
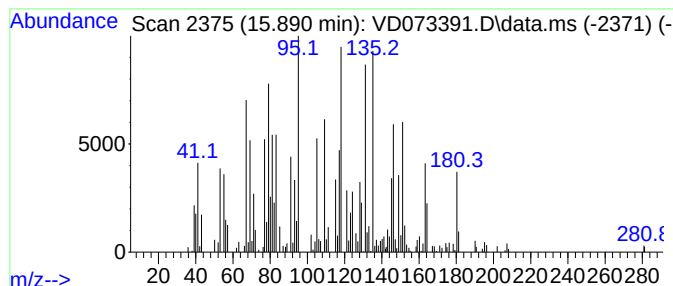
Instrument :
MSVOA_D
ClientSampleId :
ETGI-329

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 10 unknown15.890 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.890	17.19 ug/l	318762	1,4-Dichlorobenzene-d4			13.561
Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	35
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	30
3		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	25
4		9-Oxabicyclo[6.1.0]non-6-en-2-one	138	C8H10O2	1000211-01-6	18
5		1-Methyl-3-{2,2,2-trichloro-1-[(...	292	C7H15Cl3N2O2Si	1000408-27-6	14



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
Data File : VD073391.D
Acq On : 26 May 2022 16:35
Operator : VA/SY
Sample : N3055-03
Misc : 4.99G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
ETGI-329

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.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
Naphthalene, de...	13.879	13.9	ug/l	257962	4	13.561	927201	50.0
trans-4a-Methyl...	14.390	13.6	ug/l	252701	4	13.561	927201	50.0
Naphthalene, de...	14.549	19.1	ug/l	354574	4	13.561	927201	50.0
5,7-Octadien-4-...	14.602	7.3	ug/l	135058	4	13.561	927201	50.0
Cyclodecene, 1-...	14.814	10.9	ug/l	202848	4	13.561	927201	50.0
Bicyclo[2.2.1]h...	14.861	16.6	ug/l	308363	4	13.561	927201	50.0
Naphthalene, de...	14.979	13.0	ug/l	241652	4	13.561	927201	50.0
unknown15.073	15.073	13.9	ug/l	257740	4	13.561	927201	50.0
Octane, 2,6-dim...	15.343	7.4	ug/l	137764	4	13.561	927201	50.0
unknown15.890	15.890	17.2	ug/l	318762	4	13.561	927201	50.0