

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
 Data File : VD069348.D
 Acq On : 04 Jun 2021 16:19
 Operator : VA/SY
 Sample : M2601-05
 Misc : 4.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-CHRT-27166

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\82D060121S.M
 Title : SW846 8260

Signal : TIC: VD069348.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.967	506	518	529	rBV3	24702	79202	4.06%	0.494%
2	7.914	1010	1019	1024	rBV	260203	611079	31.35%	3.810%
3	7.979	1024	1030	1039	rVB2	400169	906498	46.50%	5.652%
4	8.185	1058	1065	1073	rVB4	10603	22219	1.14%	0.139%
5	8.332	1081	1090	1102	rBV	230500	509543	26.14%	3.177%
6	8.861	1171	1180	1191	rBV	588535	1228918	63.04%	7.662%
7	10.338	1422	1431	1438	rBV	937449	1687162	86.55%	10.519%
8	10.402	1438	1442	1449	rVB3	23577	46185	2.37%	0.288%
9	11.644	1645	1653	1662	rBV	874822	1499667	76.93%	9.350%
10	11.855	1680	1689	1694	rBV6	28597	52851	2.71%	0.330%
11	12.485	1790	1796	1802	rBV	65452	117377	6.02%	0.732%
12	12.626	1813	1820	1830	rVB	1189170	1949462	100.00%	12.155%
13	12.908	1857	1868	1869	rBV10	14389	44973	2.31%	0.280%
14	12.944	1869	1874	1881	rVV2	170989	285815	14.66%	1.782%
15	13.091	1895	1899	1904	rBV7	13089	21257	1.09%	0.133%
16	13.179	1910	1914	1918	rBV4	22005	36474	1.87%	0.227%
17	13.273	1925	1930	1932	rBV6	14172	24046	1.23%	0.150%
18	13.479	1953	1965	1972	rVV8	129182	368631	18.91%	2.298%
19	13.567	1974	1980	1988	rVV	757329	1287451	66.04%	8.027%
20	13.638	1989	1992	1999	rVB8	26783	48294	2.48%	0.301%
21	13.761	2010	2013	2017	rBV5	14471	23278	1.19%	0.145%
22	13.796	2017	2019	2025	rVB5	12837	20089	1.03%	0.125%
23	13.885	2029	2034	2040	rBV	468334	744143	38.17%	4.640%
24	14.096	2065	2070	2076	rVB6	93324	184970	9.49%	1.153%
25	14.214	2085	2090	2094	rBV6	51356	96627	4.96%	0.602%
26	14.279	2096	2101	2107	rVV8	72535	167583	8.60%	1.045%
27	14.402	2116	2122	2124	rBV3	172384	308142	15.81%	1.921%
28	14.561	2138	2149	2153	rBV4	214797	615844	31.59%	3.840%
29	14.743	2177	2180	2186	rVB3	114082	162596	8.34%	1.014%
30	14.814	2187	2192	2194	rBV4	110157	192227	9.86%	1.199%
31	14.873	2198	2202	2207	rVB5	170314	312444	16.03%	1.948%
32	14.990	2219	2222	2223	rBV2	83456	95860	4.92%	0.598%
33	15.020	2225	2227	2232	rVB3	175050	232775	11.94%	1.451%
34	15.090	2235	2239	2244	rVB2	188618	313940	16.10%	1.957%
35	15.149	2245	2249	2251	rBV	134702	195284	10.02%	1.218%
36	15.432	2292	2297	2302	rBV6	212134	423357	21.72%	2.640%

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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

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37 16.673 2505 2508 2522 rVB5 464253 1122690 57.59% 7.000%

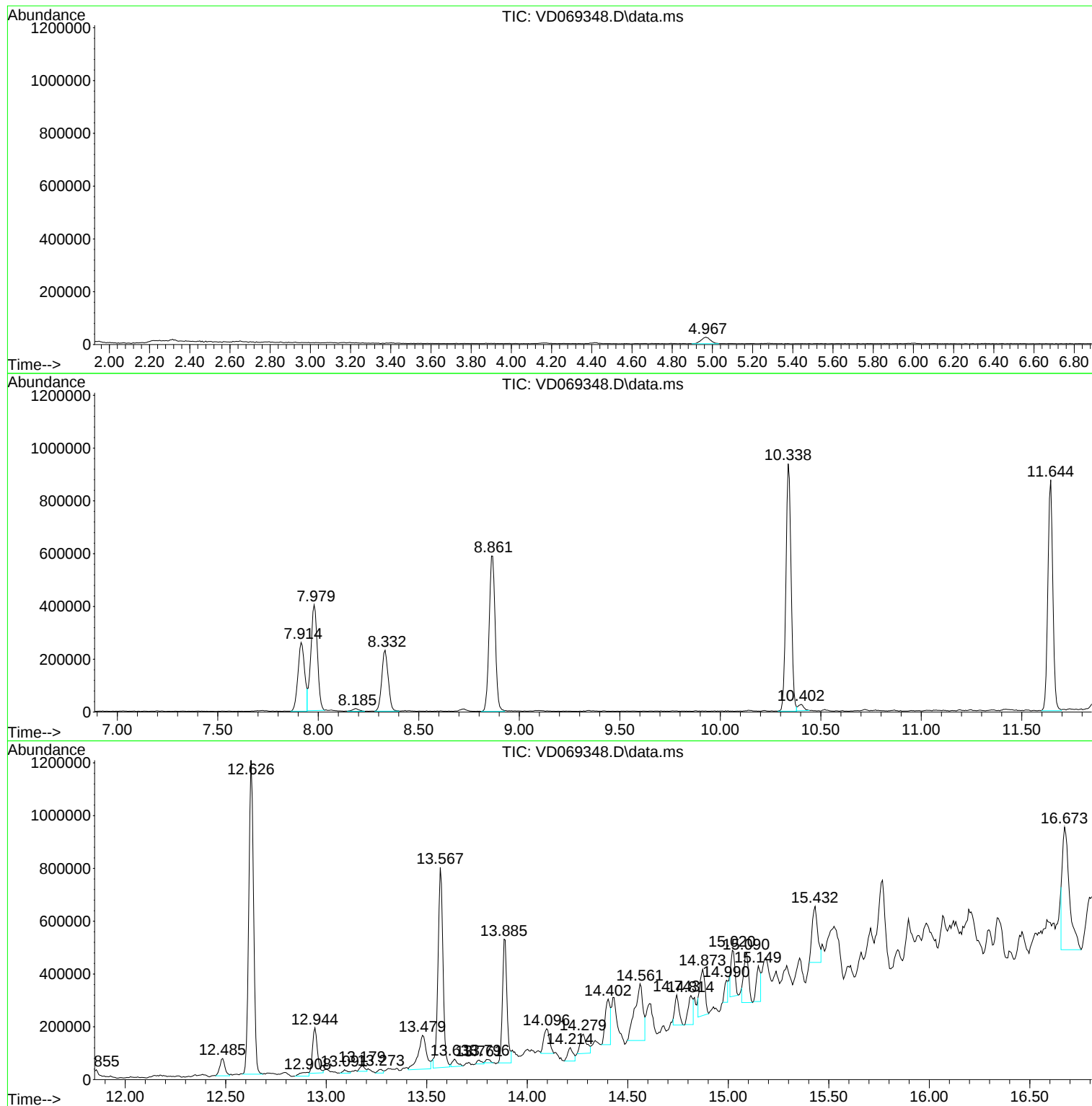
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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



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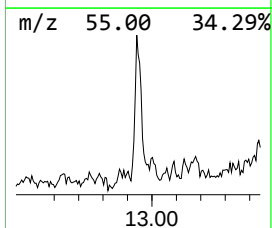
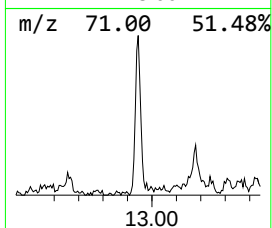
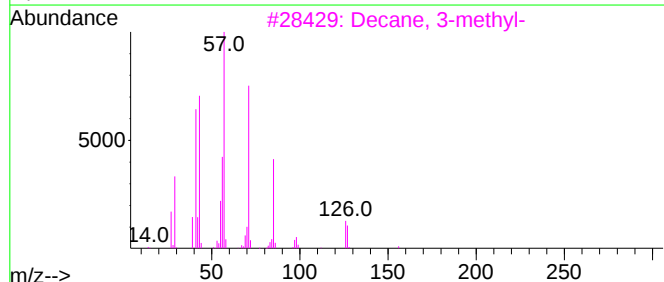
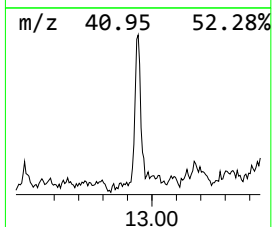
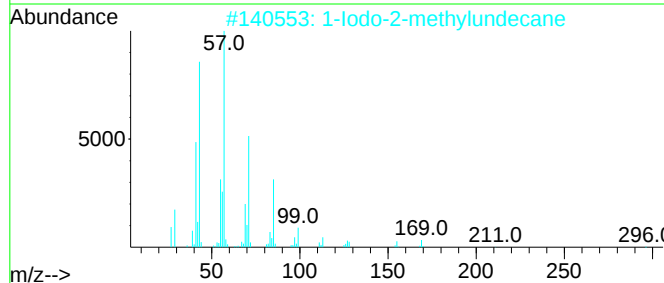
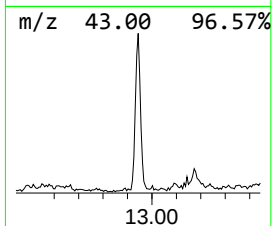
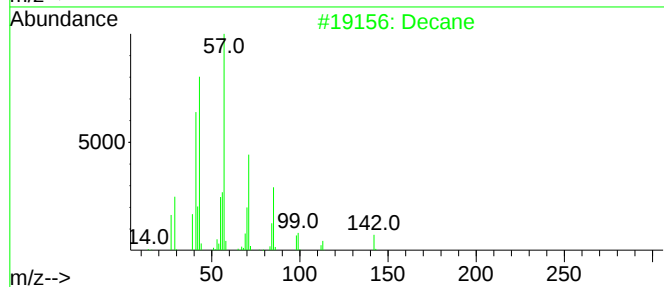
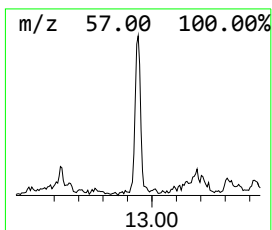
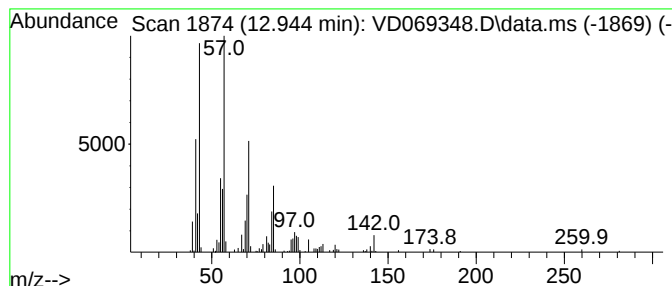
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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

Peak Number 1 Decane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.944	11.10 ug/l	285815	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	93
2			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	64
3			Decane, 3-methyl-	156	C11H24	013151-34-3	64
4			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64
5			Dodecane, 3-methyl-	184	C13H28	017312-57-1	59



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Instrument :
MSVOA_D
ClientSampleId :
RO-CHRT-27166

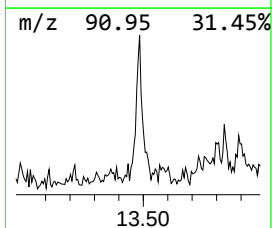
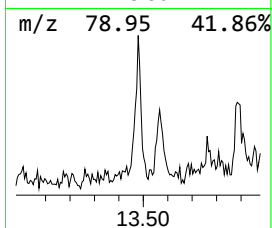
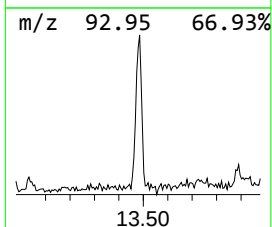
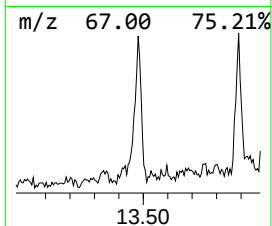
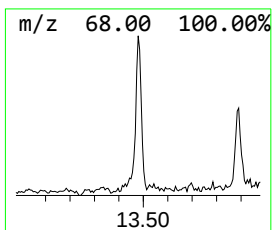
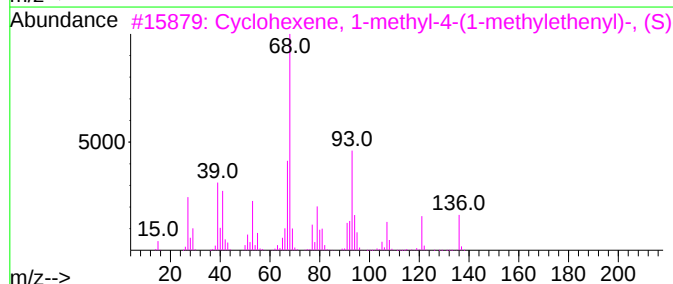
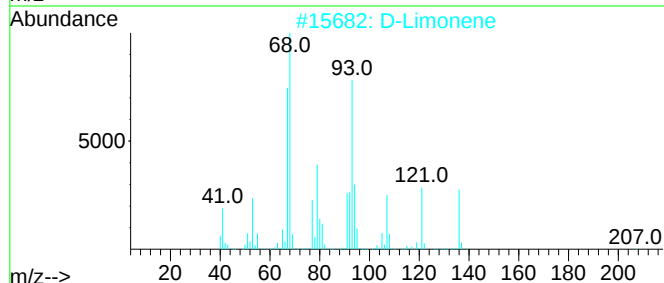
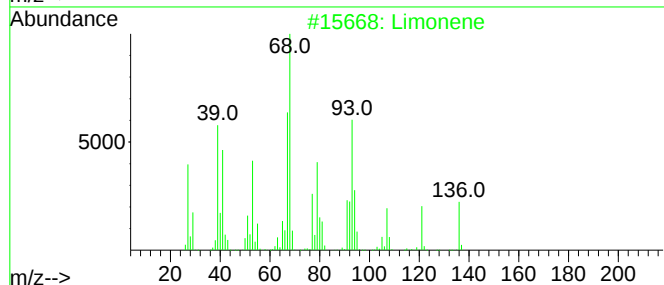
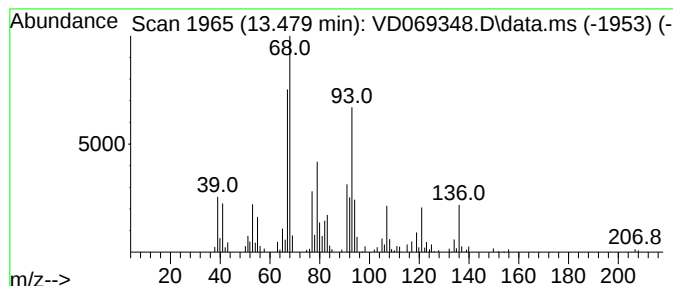
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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

Peak Number 2 Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.479	14.32 ug/l	368631	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Limonene	136	C10H16	000138-86-3	94
2			D-Limonene	136	C10H16	005989-27-5	94
3			Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	68
4			1-Cyclopentylcyclopentene	136	C10H16	004884-21-3	58
5			Bicyclo[4.1.0]heptane, 7-(1-meth...	136	C10H16	053282-47-6	49



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Misc : 4.57G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

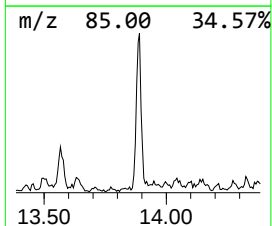
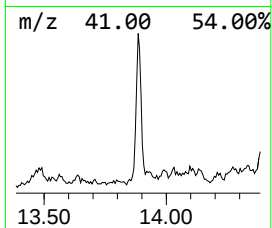
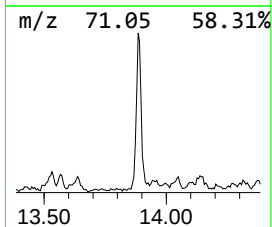
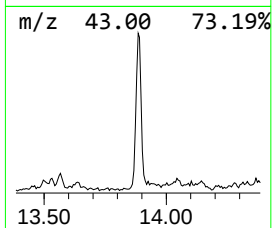
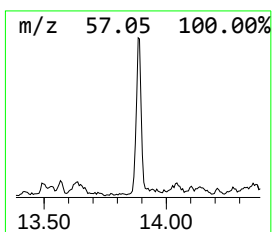
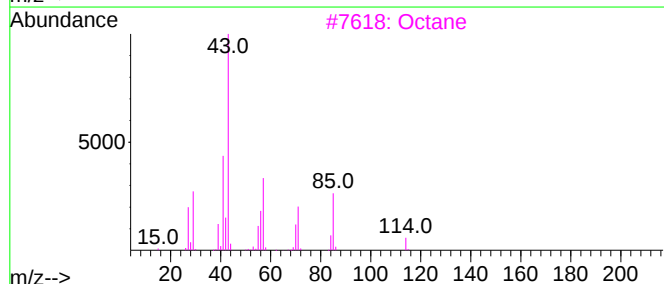
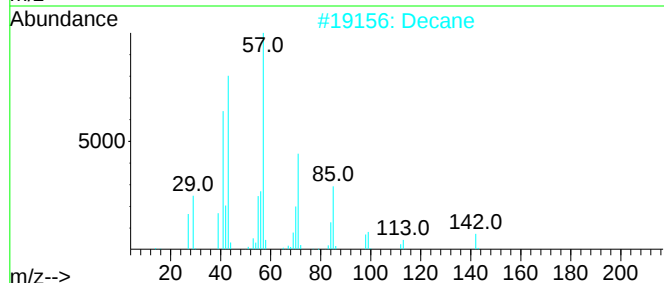
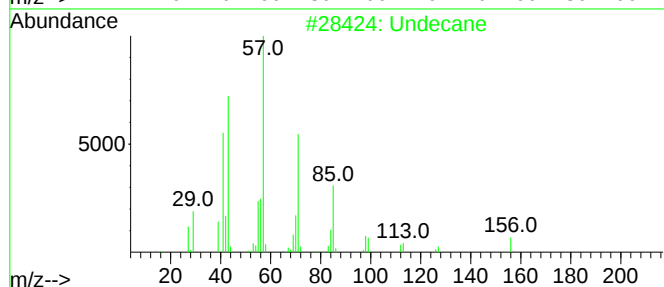
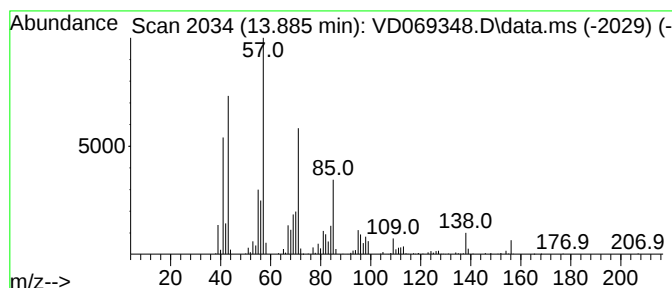
Instrument :
MSVOA_D
ClientSampleId :
RO-CHRT-27166

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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

Peak Number 3 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.885	28.90 ug/l	744143	1,4-Dichlorobenzene-d4	13.567	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	95
2	Decane	142	C10H22	000124-18-5	50
3	Octane	114	C8H18	000111-65-9	49
4	Nonadecane	268	C19H40	000629-92-5	47
5	Tetradecane	198	C14H30	000629-59-4	47



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Misc : 4.57G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-CHRT-27166

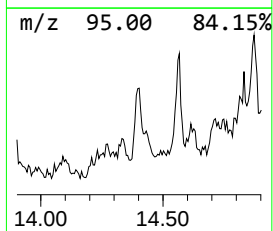
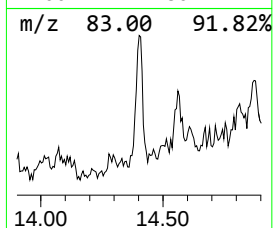
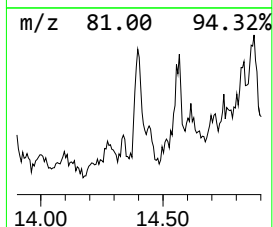
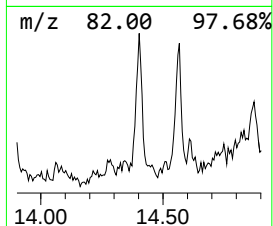
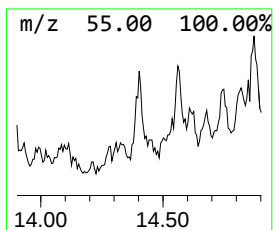
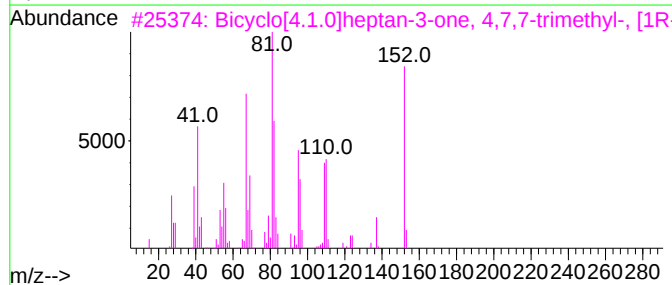
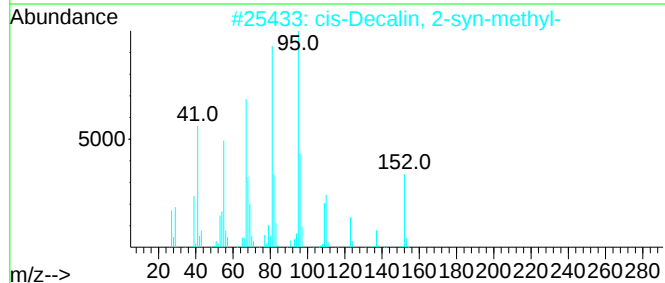
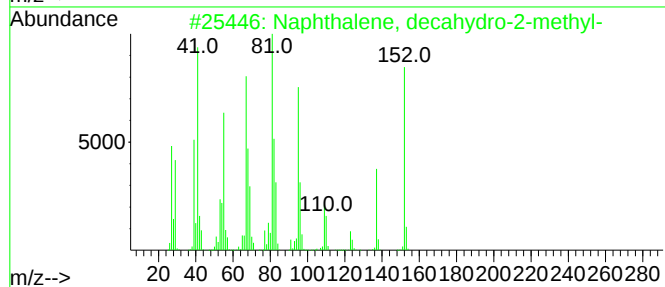
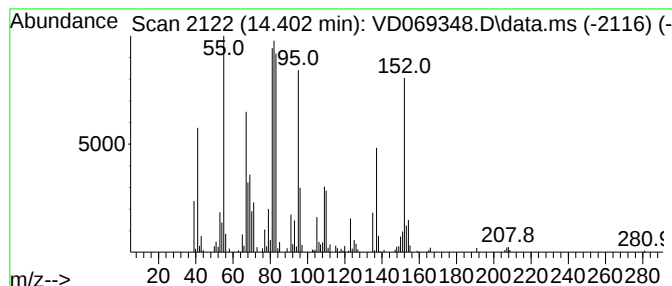
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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

Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.402	11.97 ug/l	308142	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64
3			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	60
4			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	53
5			Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-01-6	49



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ClientSampleId :
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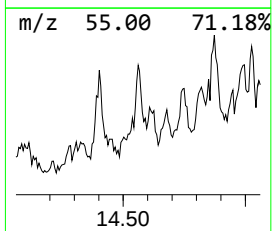
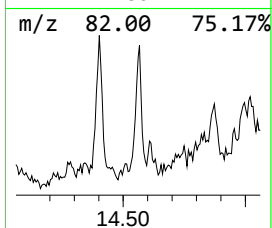
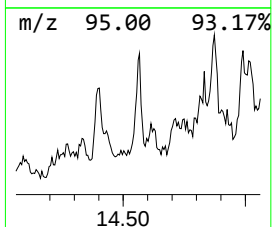
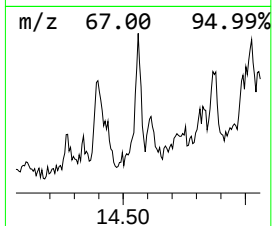
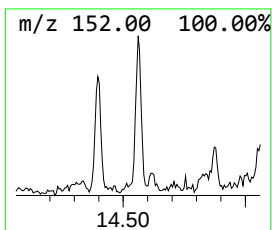
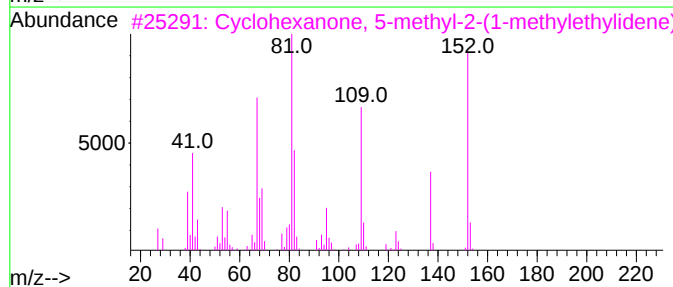
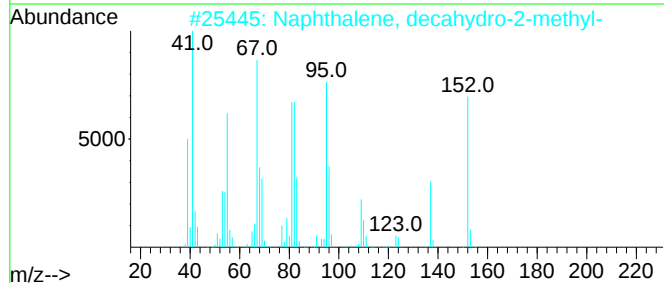
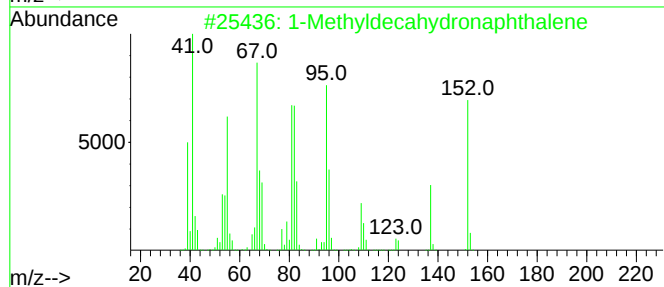
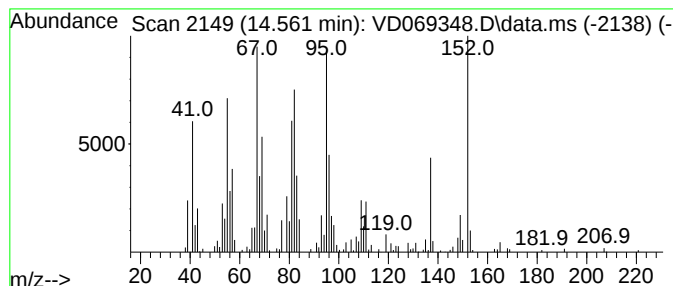
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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

Peak Number 5 1-Methyldecahydronaphthalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.561	23.92 ug/l	615844	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	95
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	95
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	64
4			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	58
5			9-Octadecyne	250	C18H34	035365-59-4	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
Data File : VD069348.D
Acq On : 04 Jun 2021 16:19
Operator : VA/SY
Sample : M2601-05
Misc : 4.57G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-CHRT-27166

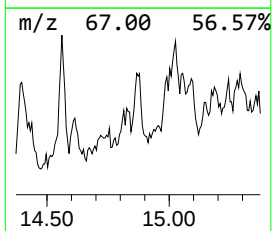
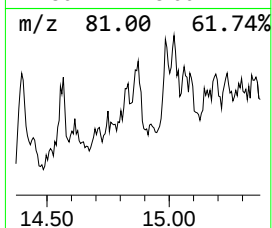
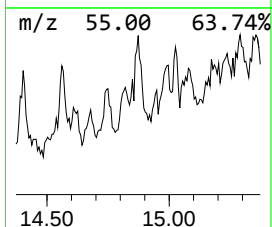
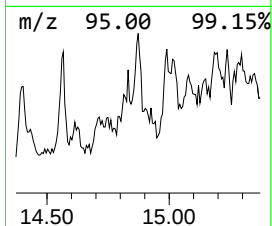
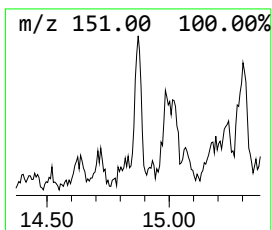
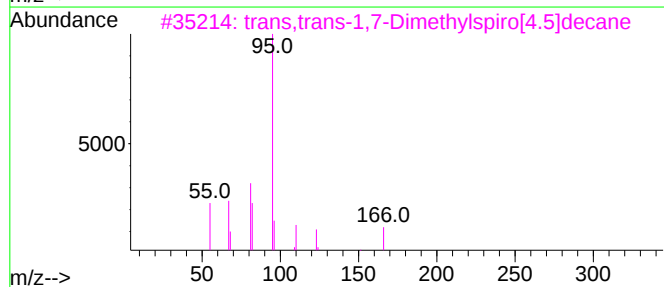
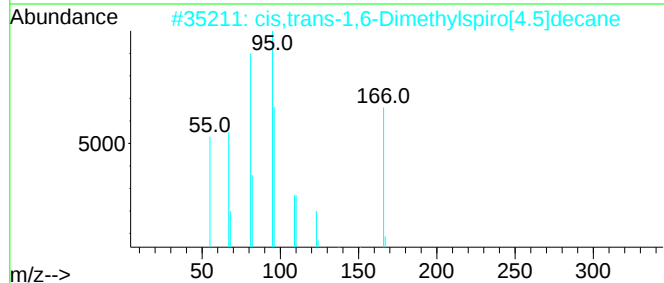
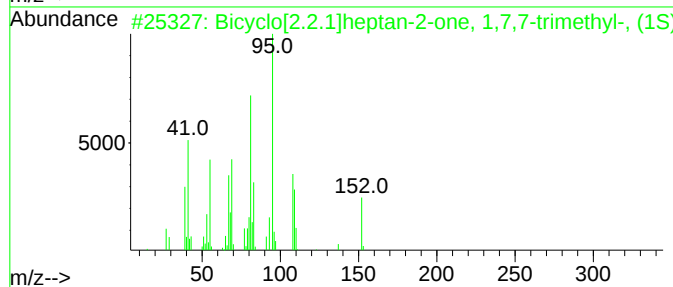
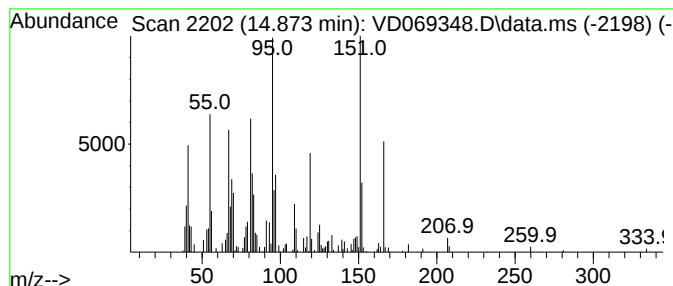
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.873 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.873	12.13 ug/l	312444	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	46
2			cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	43
3			trans,trans-1,7-Dimethylspiro[4...	166	C12H22	1000111-72-6	41
4			cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	41
5			2(1H)-Naphthalenone, octahydro-8...	166	C11H18O	001197-95-1	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
Data File : VD069348.D
Acq On : 04 Jun 2021 16:19
Operator : VA/SY
Sample : M2601-05
Misc : 4.57G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-CHRT-27166

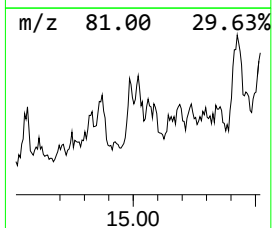
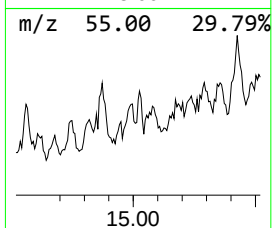
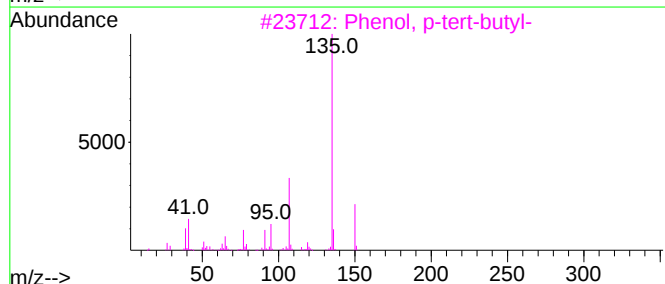
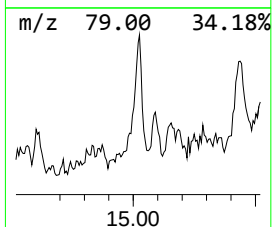
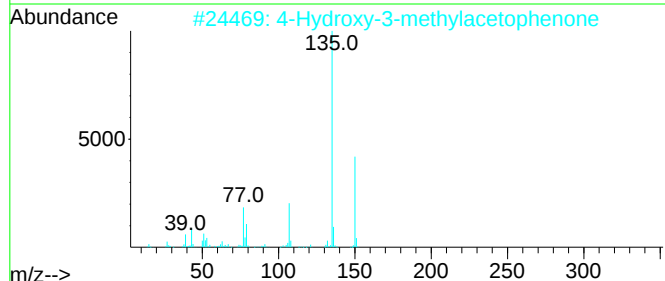
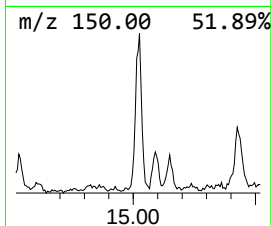
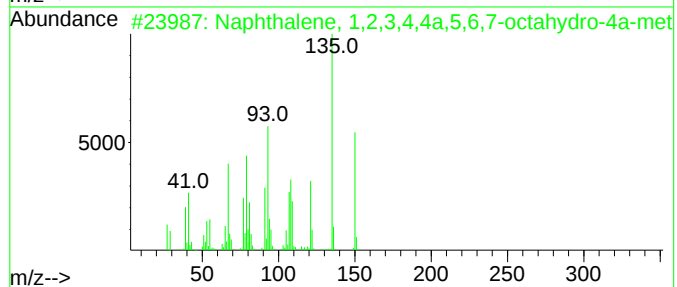
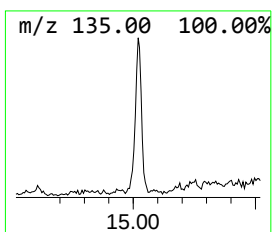
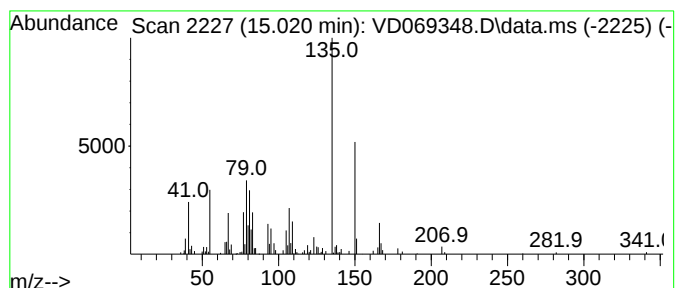
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.020	9.04 ug/l	232775	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4,4a,5,6,7-oc...	150	C11H18	013943-77-6	72
2			4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	70
3			Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53
4			Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	52
5			p-Cymen-7-ol	150	C10H14O	000536-60-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
Data File : VD069348.D
Acq On : 04 Jun 2021 16:19
Operator : VA/SY
Sample : M2601-05
Misc : 4.57G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-CHRT-27166

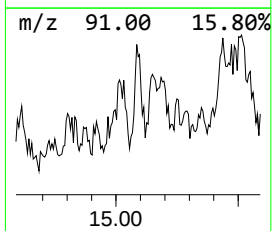
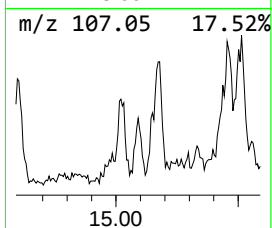
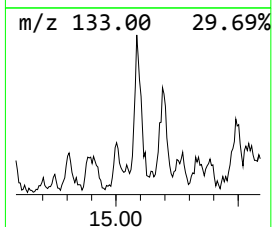
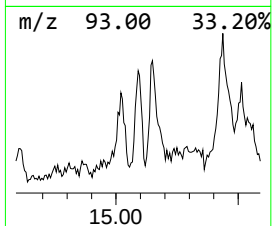
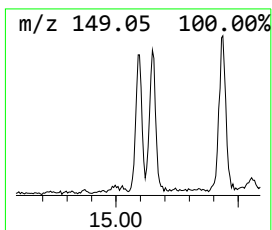
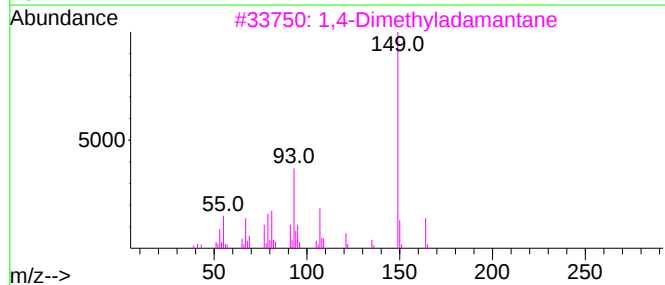
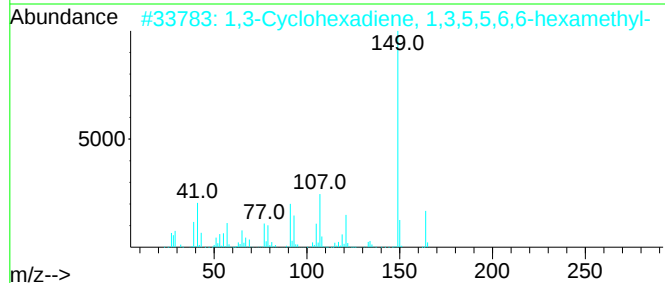
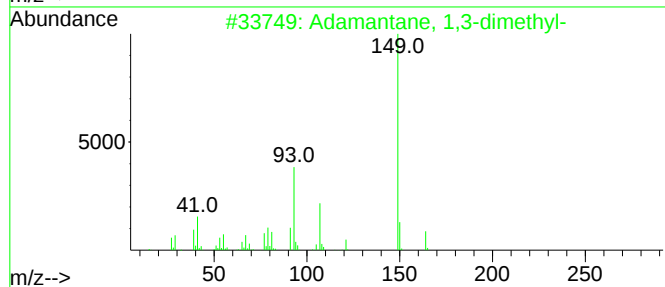
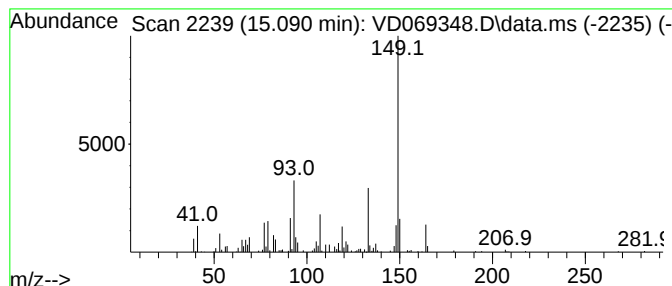
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Quant Title : SW846 8260

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

Peak Number 8 Adamantane, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.091	12.19 ug/l	313940	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Adamantane, 1,3-dimethyl-	164	C12H20	000702-79-4	62
2			1,3-Cyclohexadiene, 1,3,5,5,6,6-...	164	C12H20	1000150-39-4	58
3			1,4-Dimethyladamantane	164	C12H20	024145-89-9	58
4			1,4-Dimethyladamantane	164	C12H20	024145-88-8	58
5			1-Methyl-3-ethyladamantane	178	C13H22	001687-34-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
Data File : VD069348.D
Acq On : 04 Jun 2021 16:19
Operator : VA/SY
Sample : M2601-05
Misc : 4.57G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-CHRT-27166

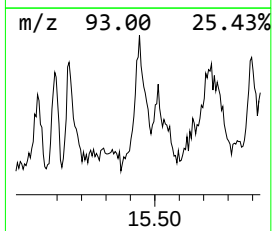
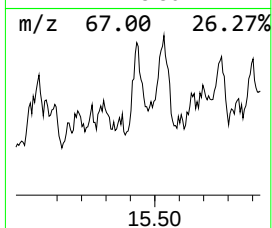
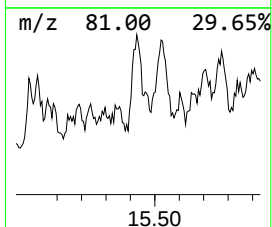
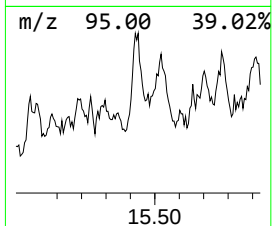
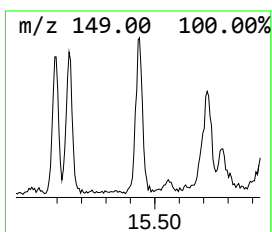
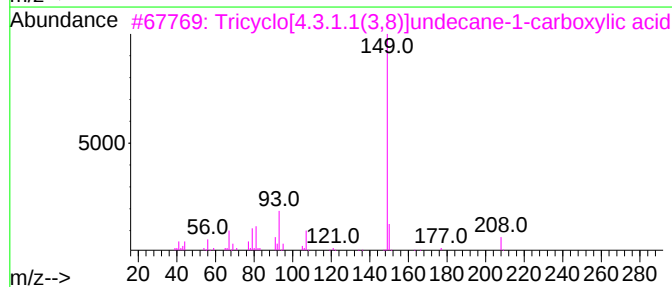
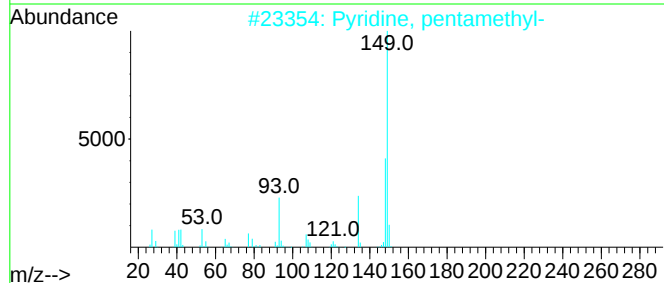
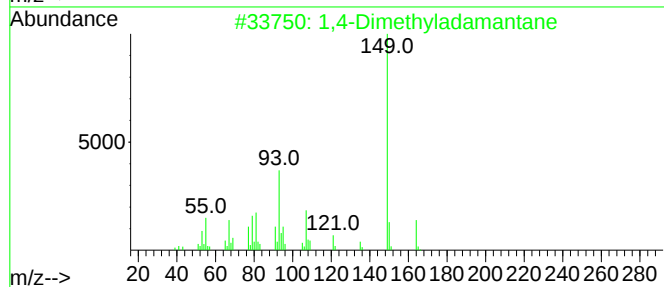
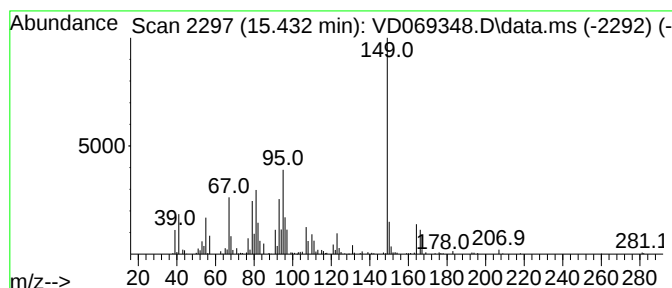
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Quant Title : SW846 8260

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

Peak Number 9 unknown15.432 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.432	16.44 ug/l	423357	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dimethyladamantane	164	C12H20	024145-89-9	46
2			Pyridine, pentamethyl-	149	C10H15N	003748-83-2	43
3			Tricyclo[4.3.1.1(3,8)]undecane-1...	208	C13H20O2	031083-60-0	38
4			Tricyclo[4.3.1.1(3,8)]undecane, ...	228	C11H17Br	021898-96-4	38
5			Pyridinium, 1-(acetylamino)-2,6-...	164	C9H12N2O	031020-35-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
Data File : VD069348.D
Acq On : 04 Jun 2021 16:19
Operator : VA/SY
Sample : M2601-05
Misc : 4.57G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-CHRT-27166

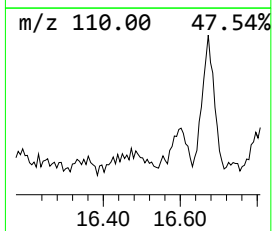
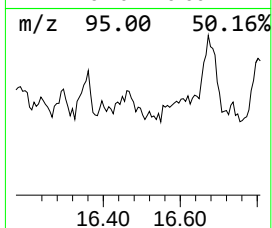
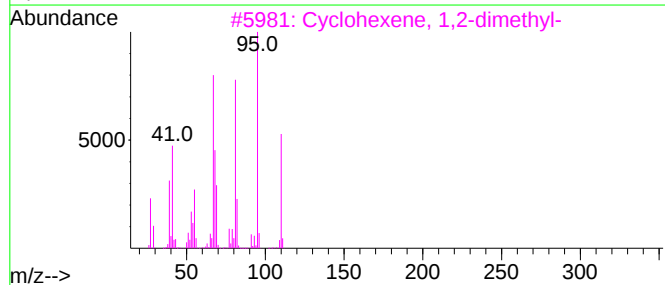
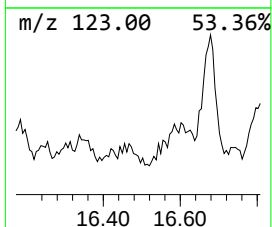
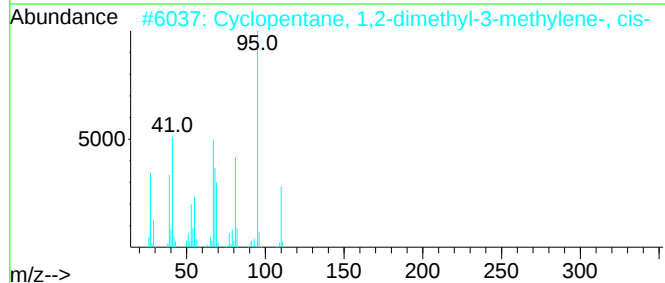
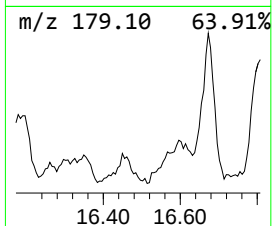
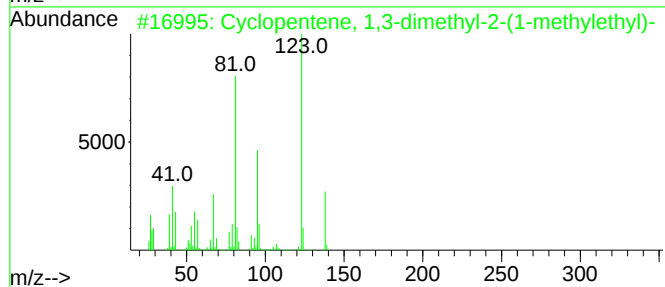
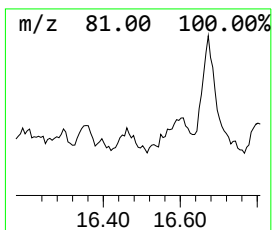
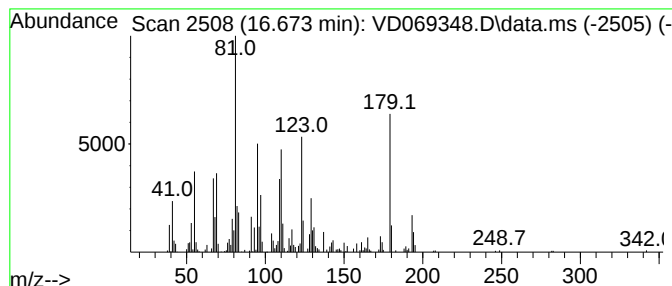
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Quant Title : SW846 8260

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

Peak Number 10 unknown16.673 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.673	43.60 ug/l	1122690	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 1,3-dimethyl-2-(1-...	138	C10H18	061142-32-3	38
2			Cyclopentane, 1,2-dimethyl-3-met...	110	C8H14	091884-67-2	30
3			Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	30
4			Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	30
5			4-Ethylcyclohexene	110	C8H14	003742-42-5	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060421\
Data File : VD069348.D
Acq On : 04 Jun 2021 16:19
Operator : VA/SY
Sample : M2601-05
Misc : 4.57G/5.00ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-CHRT-27166

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060121S.M
Quant Title : SW846 8260

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Limonene	13.479	14.3	ug/l	368631	4	13.567	1287450	50.0
Undecane	13.885	28.9	ug/l	744143	4	13.567	1287450	50.0
Naphthalene, de...	14.402	12.0	ug/l	308142	4	13.567	1287450	50.0
1-Methyldecahyd...	14.561	23.9	ug/l	615844	4	13.567	1287450	50.0
unknown14.873	14.873	12.1	ug/l	312444	4	13.567	1287450	50.0
Naphthalene, 1,...	15.020	9.0	ug/l	232775	4	13.567	1287450	50.0
Adamantane, 1,3...	15.091	12.2	ug/l	313940	4	13.567	1287450	50.0
unknown15.432	15.432	16.4	ug/l	423357	4	13.567	1287450	50.0
unknown16.673	16.673	43.6	ug/l	1122690	4	13.567	1287450	50.0