

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071602.D
 Acq On : 04 Jan 2022 19:26
 Operator : VA/SY
 Sample : N1004-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-R2-IEC

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\82D122221S.M
 Title : SW846 8260

Signal : TIC: VD071602.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.644	117	123	126	rBV4	6557	12943	1.39%	0.168%
2	4.967	510	518	529	rVB4	18454	62439	6.72%	0.811%
3	6.008	690	695	701	rVB5	3979	9553	1.03%	0.124%
4	7.185	889	895	900	rBV4	4498	9614	1.03%	0.125%
5	7.914	1010	1019	1024	rBV	133685	319320	34.36%	4.148%
6	7.979	1024	1030	1044	rVB2	211275	484728	52.17%	6.296%
7	8.332	1079	1090	1100	rBV	161221	361080	38.86%	4.690%
8	8.861	1172	1180	1191	rBV	324911	657083	70.71%	8.535%
9	10.338	1422	1431	1441	rBV	516759	929218	100.00%	12.070%
10	11.638	1643	1652	1664	rVB	475060	829791	89.30%	10.778%
11	12.149	1732	1739	1743	rBV8	8722	18049	1.94%	0.234%
12	12.261	1753	1758	1763	rVB5	10053	18688	2.01%	0.243%
13	12.349	1768	1773	1775	rBV6	6602	10246	1.10%	0.133%
14	12.626	1813	1820	1831	rVB	347043	597381	64.29%	7.759%
15	12.785	1843	1847	1855	rVB6	16288	32491	3.50%	0.422%
16	12.867	1855	1861	1868	rBV10	10179	29737	3.20%	0.386%
17	12.949	1868	1875	1880	rVV5	24952	61188	6.58%	0.795%
18	12.996	1880	1883	1890	rVB8	11185	23795	2.56%	0.309%
19	13.085	1895	1898	1902	rVB5	9821	12989	1.40%	0.169%
20	13.138	1903	1907	1910	rBV3	10318	16423	1.77%	0.213%
21	13.173	1910	1913	1918	rVB5	25762	38807	4.18%	0.504%
22	13.302	1932	1935	1939	rBV6	8131	11766	1.27%	0.153%
23	13.349	1939	1943	1948	rVB6	8017	13658	1.47%	0.177%
24	13.461	1952	1962	1964	rBV8	24092	57619	6.20%	0.748%
25	13.496	1965	1968	1971	rVV4	14454	18481	1.99%	0.240%
26	13.567	1972	1980	1988	rVB	473135	801816	86.29%	10.415%
27	13.632	1988	1991	1998	rVB9	11692	18375	1.98%	0.239%
28	13.702	1998	2003	2004	rBV5	11298	15188	1.63%	0.197%
29	13.890	2029	2035	2039	rBV3	60699	111603	12.01%	1.450%
30	13.990	2048	2052	2056	rBV7	22280	28326	3.05%	0.368%
31	14.043	2056	2061	2066	rBV7	15777	38991	4.20%	0.506%
32	14.143	2076	2078	2083	rVB5	31224	37129	4.00%	0.482%
33	14.202	2084	2088	2093	rBV7	22250	39357	4.24%	0.511%
34	14.279	2094	2101	2106	rBV8	32299	70641	7.60%	0.918%
35	14.332	2107	2110	2112	rVV4	9931	15226	1.64%	0.198%
36	14.396	2116	2121	2132	rVB9	87983	195327	21.02%	2.537%

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Sampling : 1

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37	14.508	2137	2140	2143	rBV4	28517	41727	4.49%	0.542%
38	14.555	2143	2148	2154	rVB7	61780	107148	11.53%	1.392%
39	14.714	2171	2175	2176	rBV4	11083	14038	1.51%	0.182%
40	14.749	2178	2181	2185	rVV5	16996	25478	2.74%	0.331%
41	14.814	2187	2192	2196	rVV7	37970	84721	9.12%	1.100%
42	14.855	2196	2199	2206	rVB4	68101	139998	15.07%	1.818%
43	14.990	2220	2222	2223	rBV2	14980	9619	1.04%	0.125%
44	15.084	2234	2238	2241	rVB6	47416	70401	7.58%	0.914%
45	15.184	2251	2255	2256	rBV4	51189	65584	7.06%	0.852%
46	15.349	2278	2283	2291	rBV2	129586	242281	26.07%	3.147%
47	15.661	2332	2336	2337	rBV4	42691	51071	5.50%	0.663%
48	16.043	2396	2401	2402	rBV2	66380	103966	11.19%	1.350%
49	16.202	2422	2428	2432	rBV6	93264	183588	19.76%	2.385%
50	16.331	2445	2450	2456	rBV3	82204	151822	16.34%	1.972%
51	16.667	2503	2507	2522	rVB3	119558	398284	42.86%	5.173%

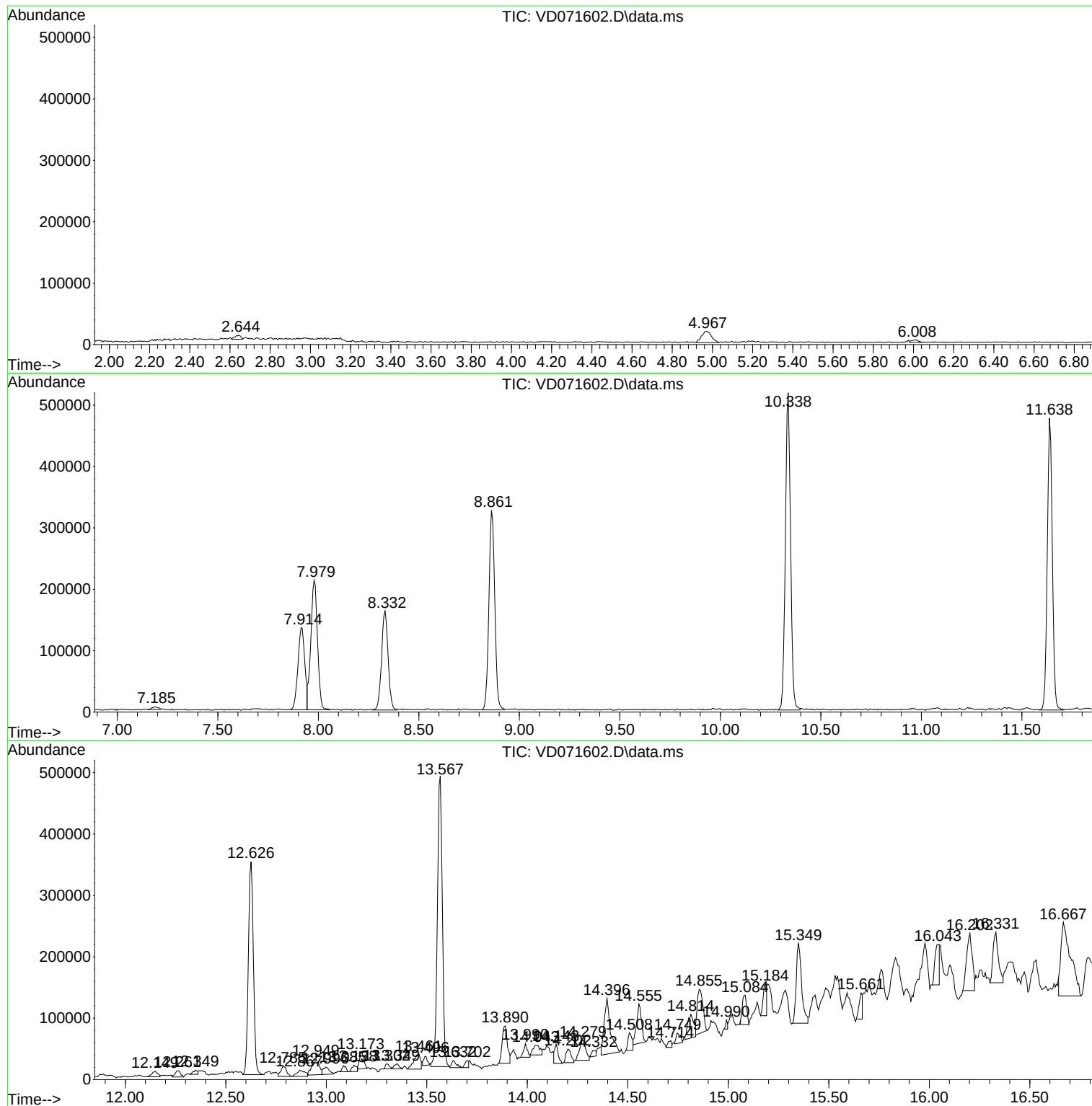
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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



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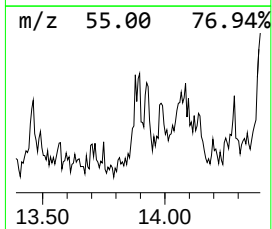
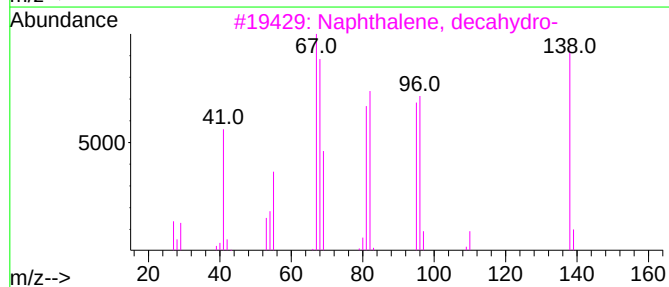
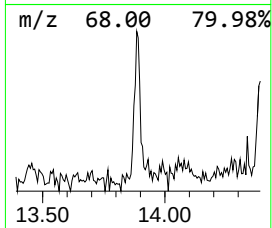
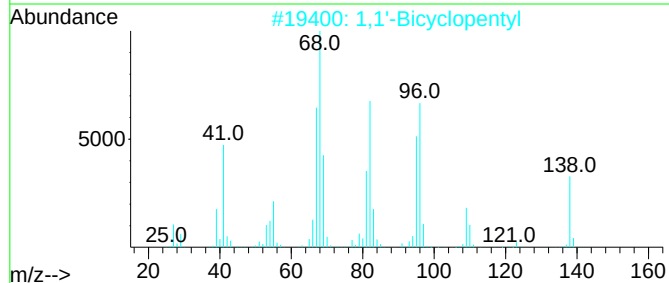
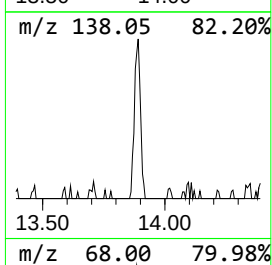
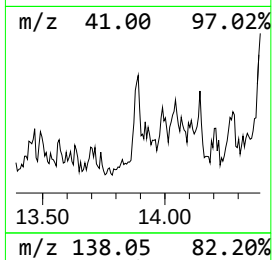
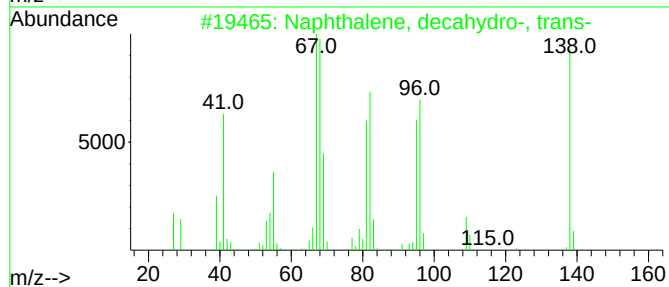
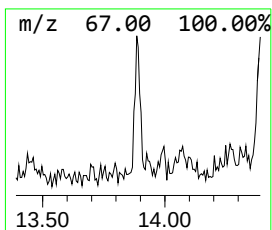
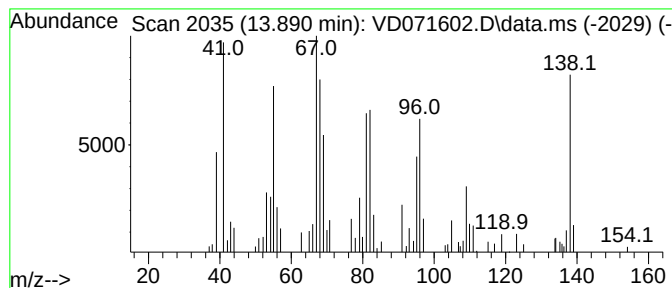
Instrument :
MSVOA_D
ClientSampleId :
RO-R2-IEC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.890	6.96 ug/l	111603	1,4-Dichlorobenzene-d4			13.567
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-		138	C10H18	000493-02-7	95
2	1,1'-Bicyclopentyl		138	C10H18	001636-39-1	95
3	Naphthalene, decahydro-		138	C10H18	000091-17-8	90
4	Spiro[4.5]decane		138	C10H18	000176-63-6	90
5	Naphthalene, decahydro-, cis-		138	C10H18	000493-01-6	90



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Misc : 5.05G/5.00ml/MSVOA_D/SOIL
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Instrument :
MSVOA_D
ClientSampleId :
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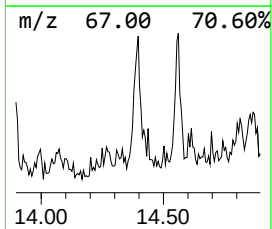
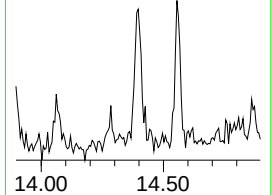
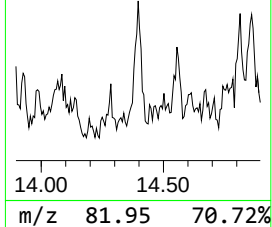
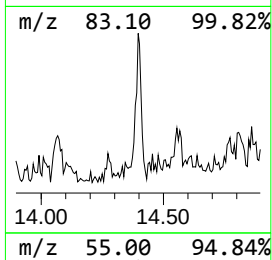
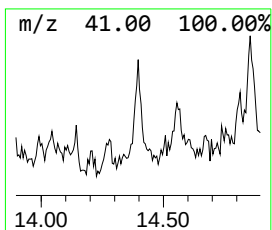
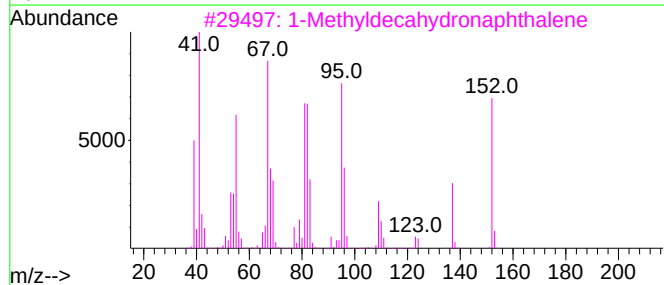
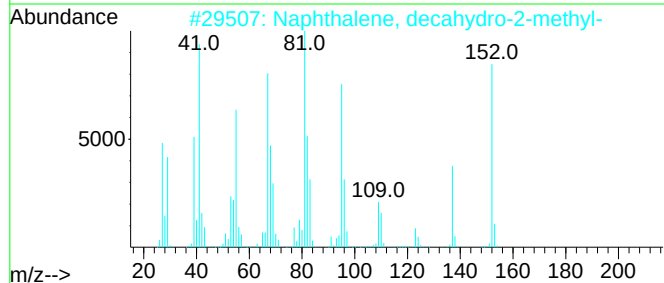
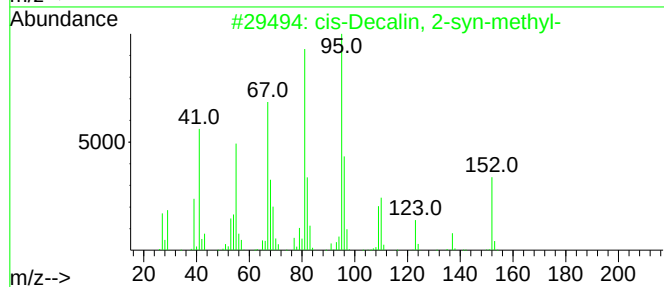
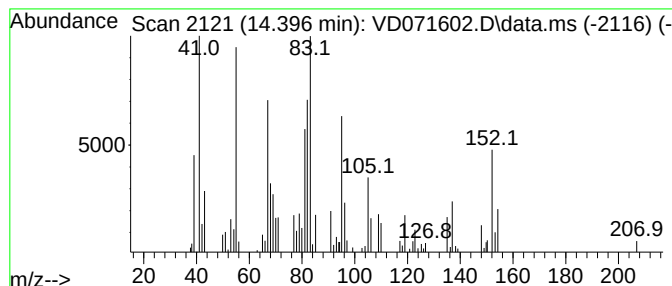
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

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

Peak Number 3 cis-Decalin, 2-syn-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.396	12.18 ug/l	195327	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	70
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	60
3			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	49
4			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	46
5			Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	38



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Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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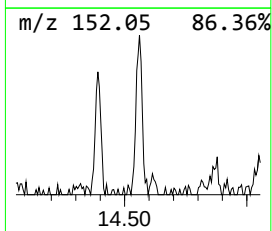
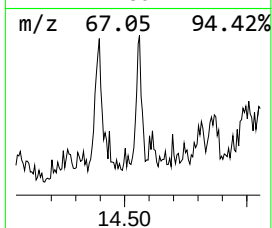
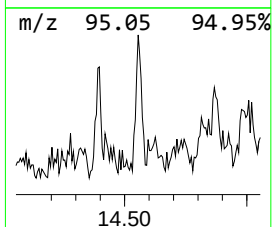
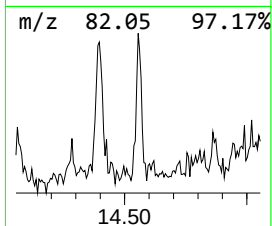
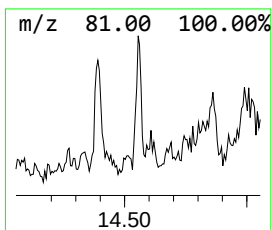
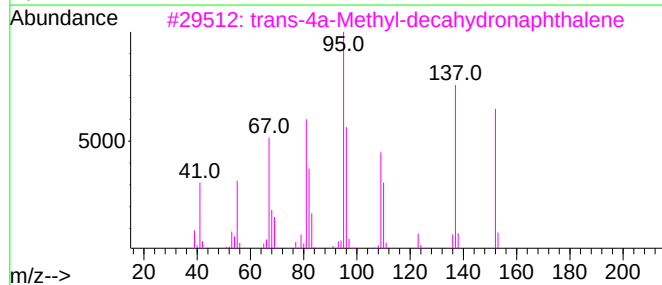
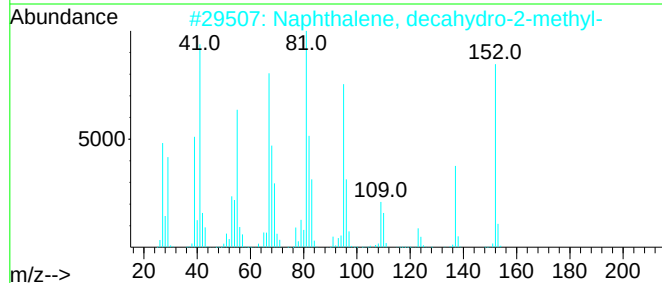
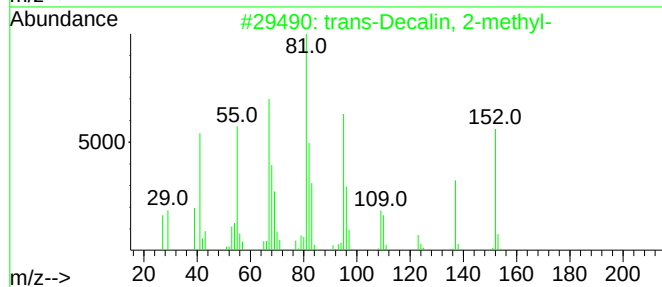
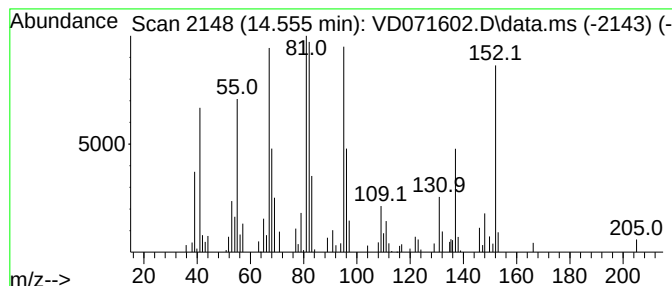
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260

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

Peak Number 4 trans-Decalin, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.555	6.68 ug/l	107148	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	91
2			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
3			trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	83
4			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	83
5			cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	81



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ClientSampleId :
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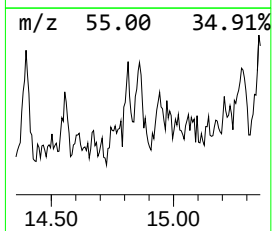
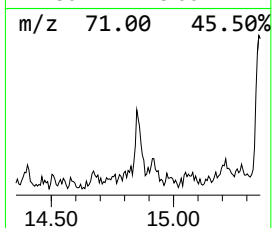
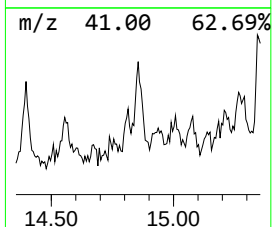
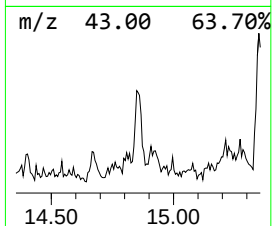
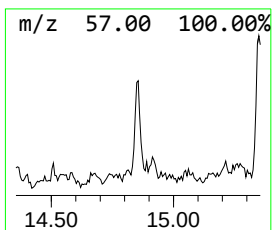
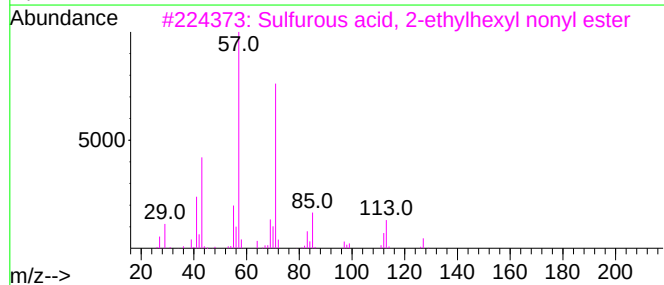
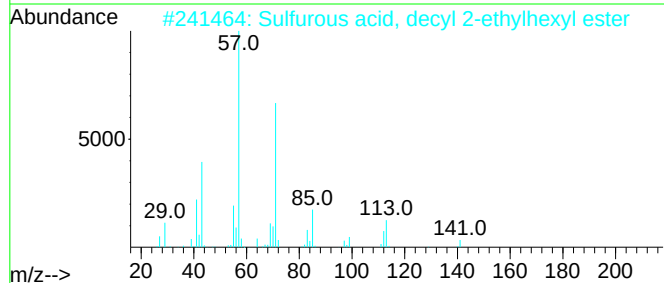
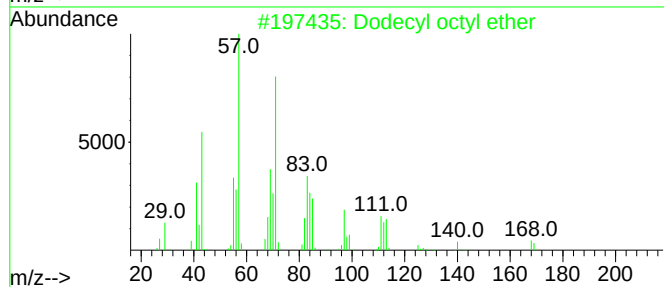
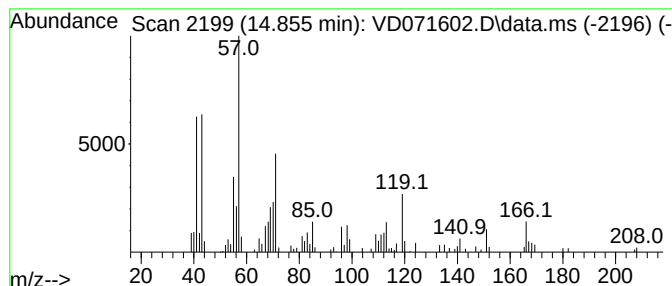
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12221S.M
Quant Title : SW846 8260

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

Peak Number 5 unknown14.855 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.855	8.73 ug/l	139998	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecyl octyl ether	298	C20H42O	1000406-38-4	43
2			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	38
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	38
4			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38
5			Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	38



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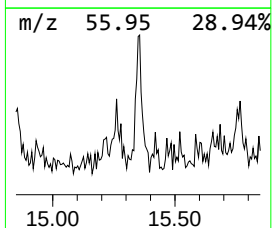
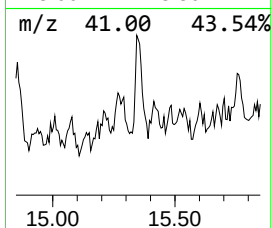
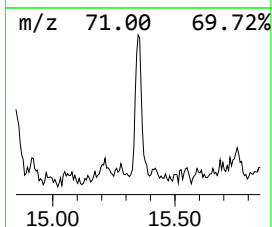
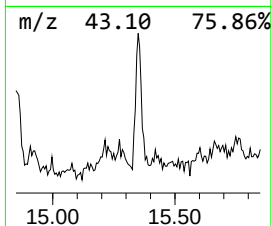
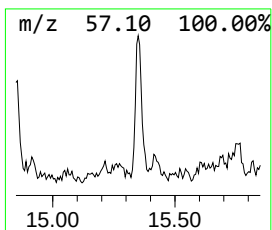
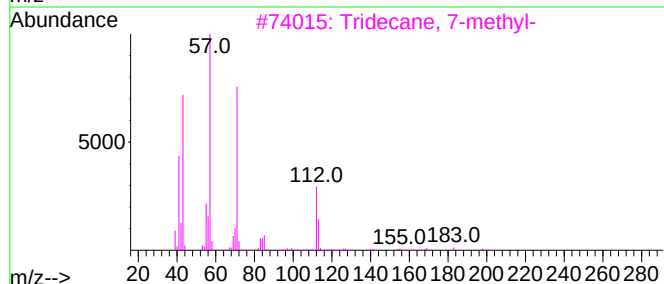
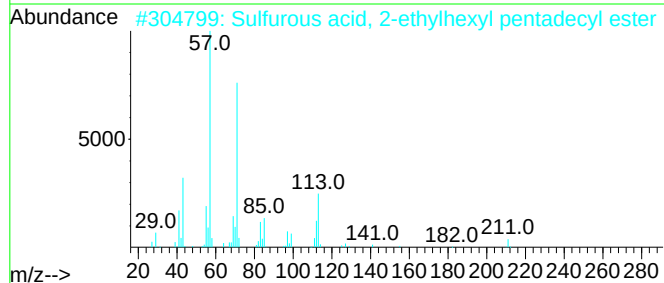
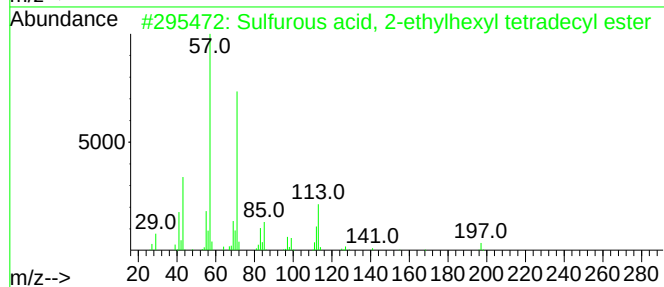
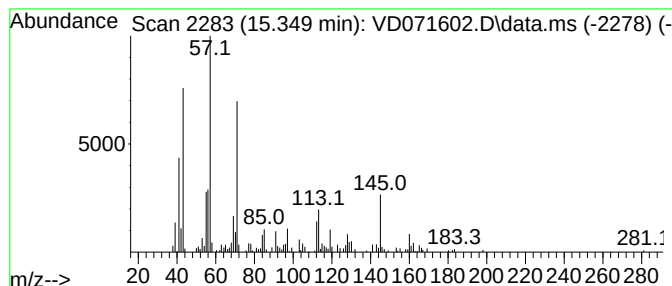
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Quant Title : SW846 8260

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

Peak Number 6 Sulfurous acid, 2-ethylhexy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	15.11 ug/l	242281	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	58
2			Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	58
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	55
4			Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	53
5			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
Data File : VD071602.D
Acq On : 04 Jan 2022 19:26
Operator : VA/SY
Sample : N1004-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-R2-IEC

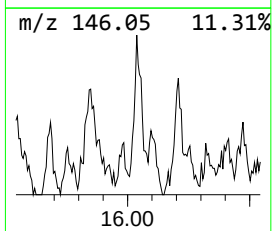
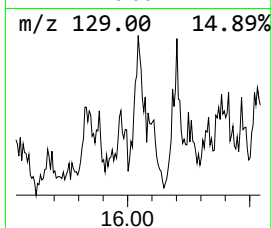
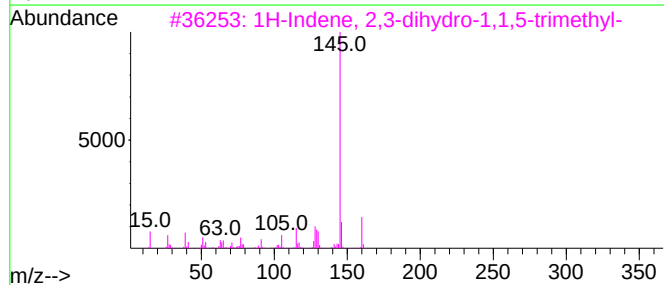
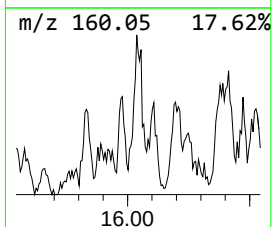
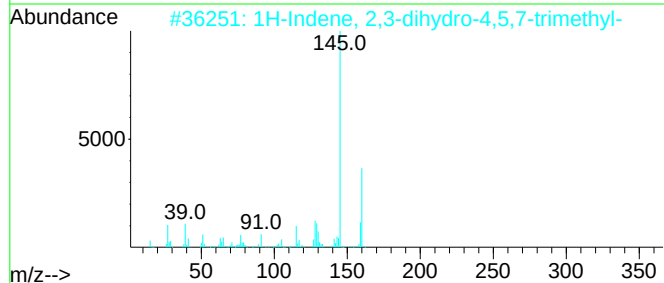
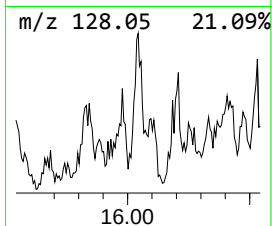
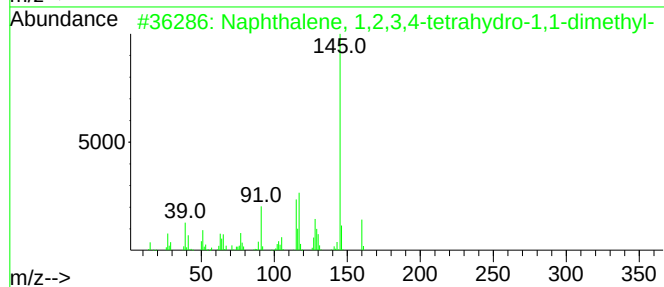
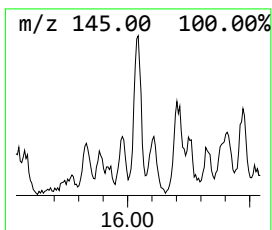
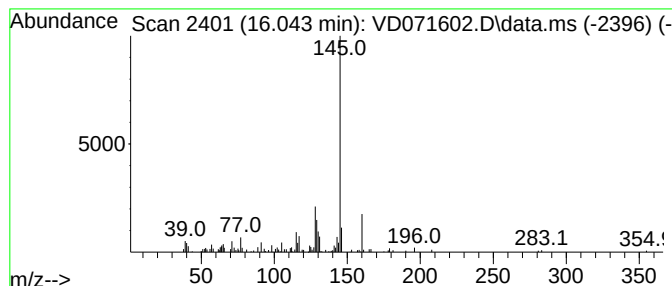
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.043	6.48 ug/l	103966	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	86
2			1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	86
3			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	80
4			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	80
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
Data File : VD071602.D
Acq On : 04 Jan 2022 19:26
Operator : VA/SY
Sample : N1004-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-R2-IEC

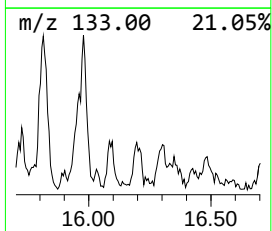
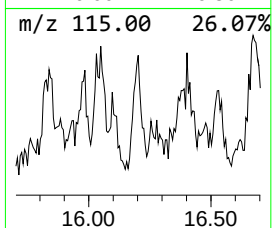
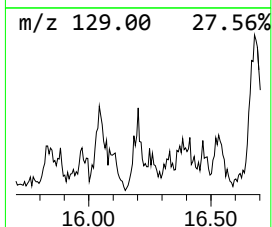
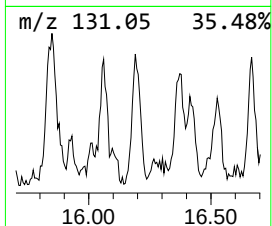
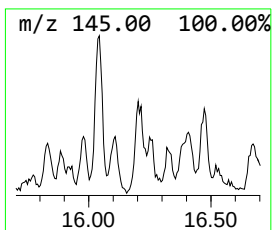
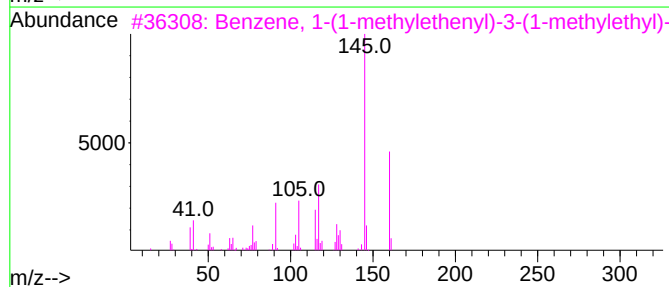
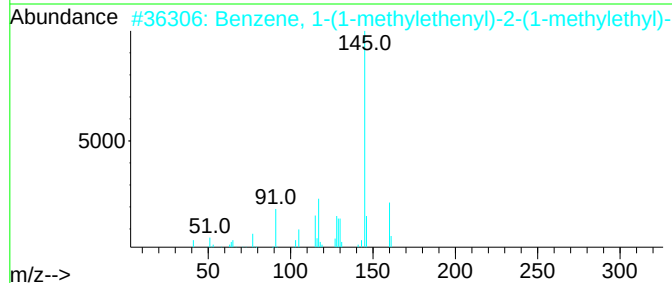
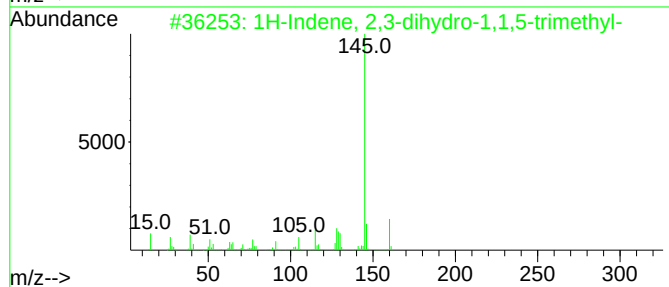
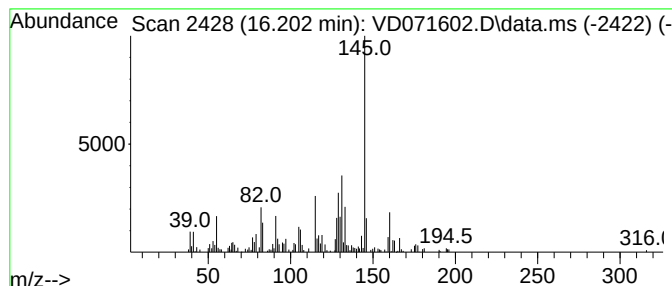
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Quant Title : SW846 8260

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

Peak Number 8 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.202	11.45 ug/l	183588	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	70
2			Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	70
3			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	70
4			1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	64
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
Data File : VD071602.D
Acq On : 04 Jan 2022 19:26
Operator : VA/SY
Sample : N1004-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-R2-IEC

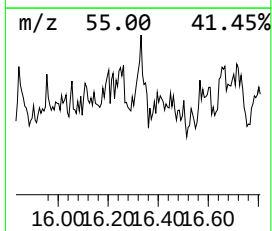
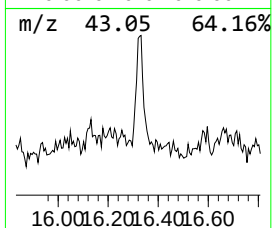
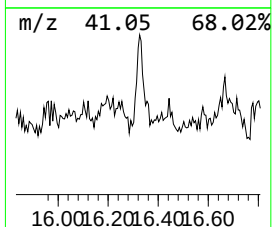
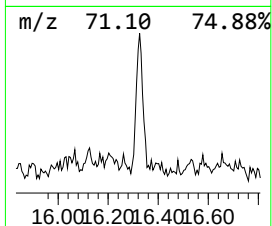
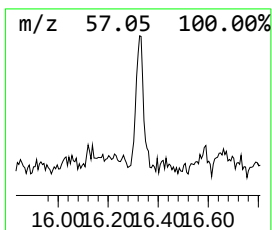
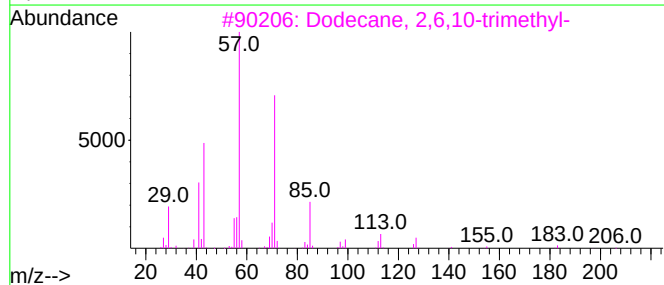
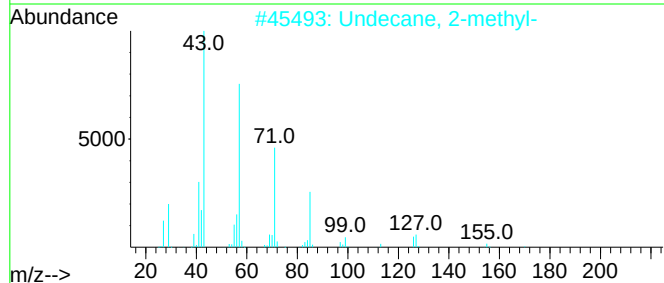
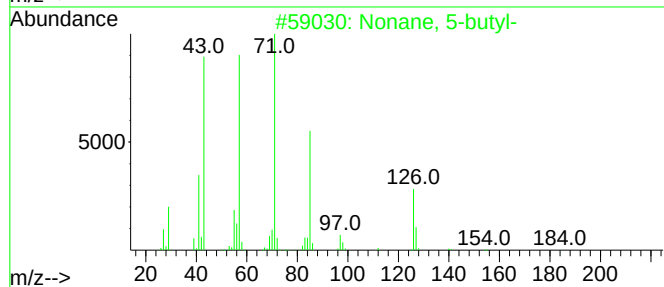
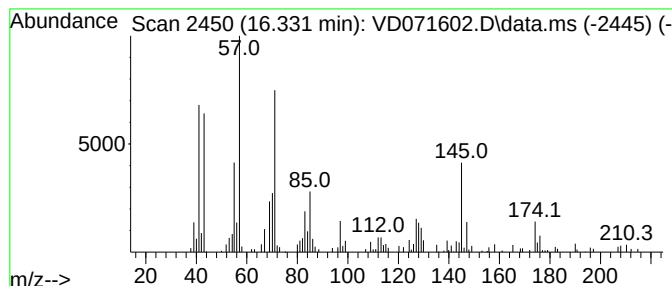
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Quant Title : SW846 8260

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

Peak Number 9 unknown16.331 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.331	9.47 ug/l	151822	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 5-butyl-	184	C13H28	017312-63-9	38
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	38
3			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	38
4			Decyl pentyl ether	228	C15H32O	1000406-41-5	38
5			1,2-Cyclohexanediol, 1-methyl-, ...	130	C7H14O2	019534-08-8	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
Data File : VD071602.D
Acq On : 04 Jan 2022 19:26
Operator : VA/SY
Sample : N1004-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-R2-IEC

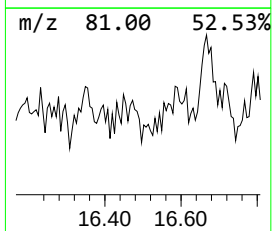
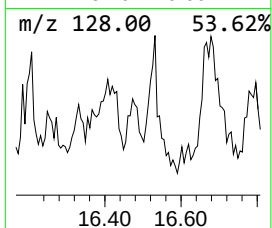
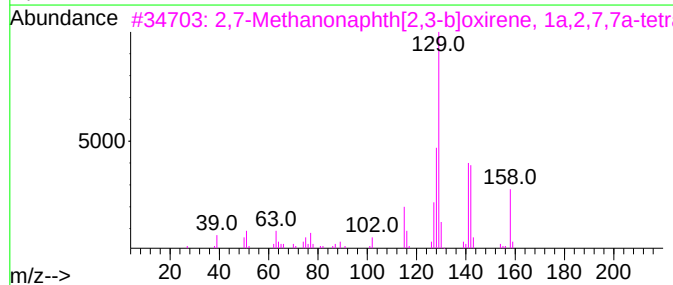
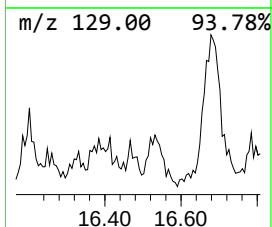
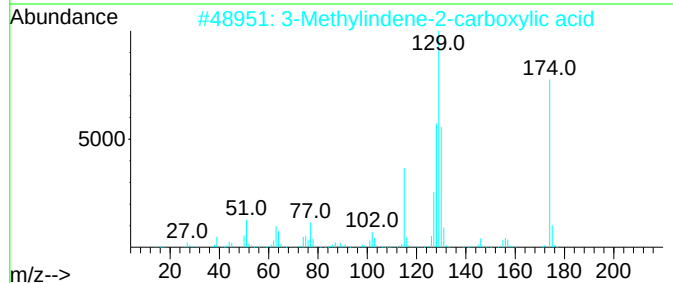
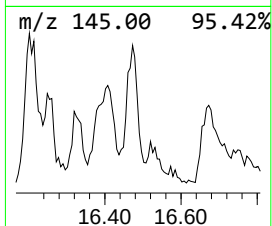
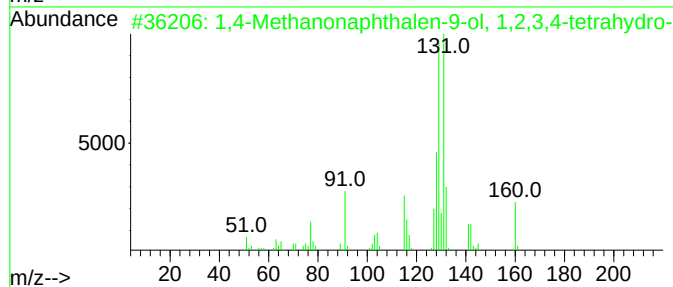
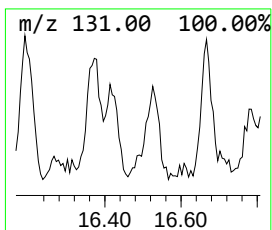
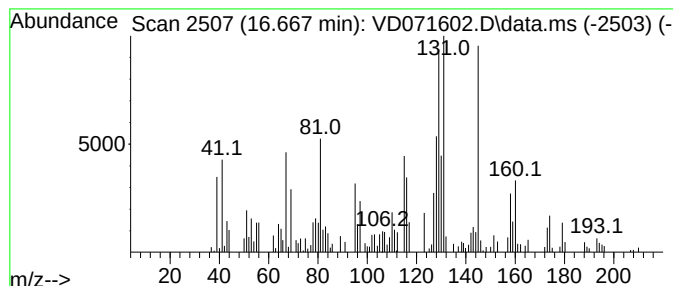
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Quant Title : SW846 8260

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

Peak Number 10 1,4-Methanonaphthalen-9-ol,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.667	24.84 ug/l	398284	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalen-9-ol, 1,2,...	160	C11H12O	001198-20-5	62		
2	3-Methylindene-2-carboxylic acid	174	C11H10O2	034225-81-5	43		
3	2,7-Methanonaphth[2,3-b]oxirene,...	158	C11H10O	013137-34-3	38		
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	144	C11H12	071721-26-1	30		
5	1-Methyl-4-(1-pentyn-1-yl)benzene	158	C12H14	079756-89-1	27		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
Data File : VD071602.D
Acq On : 04 Jan 2022 19:26
Operator : VA/SY
Sample : N1004-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RO-R2-IEC

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.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...	13.890	7.0	ug/l	111603	4	13.567	801816	50.0
cis-Decalin, 2-...	14.396	12.2	ug/l	195327	4	13.567	801816	50.0
trans-Decalin, ...	14.555	6.7	ug/l	107148	4	13.567	801816	50.0
unknown14.855	14.855	8.7	ug/l	139998	4	13.567	801816	50.0
Sulfurous acid,...	15.349	15.1	ug/l	242281	4	13.567	801816	50.0
Naphthalene, 1,...	16.043	6.5	ug/l	103966	4	13.567	801816	50.0
1H-Indene, 2,3-...	16.202	11.4	ug/l	183588	4	13.567	801816	50.0
unknown16.331	16.331	9.5	ug/l	151822	4	13.567	801816	50.0
1,4-Methanonaph...	16.667	24.8	ug/l	398284	4	13.567	801816	50.0