

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069896.D
 Acq On : 28 Jul 2021 18:46
 Operator : VA/SY
 Sample : M3216-08
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210584-COM-7

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\82D072221S.M
 Title : SW846 8260

Signal : TIC: VD069896.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.156	371	380	386	rBV	22063	62066	1.75%	0.241%
2	4.238	387	394	403	rVB2	42011	120444	3.39%	0.468%
3	4.961	507	517	530	rVB2	91371	292307	8.22%	1.135%
4	5.985	682	691	704	rVB5	42568	127757	3.59%	0.496%
5	7.197	890	897	907	rVB5	15501	48057	1.35%	0.187%
6	7.914	1008	1019	1024	rBV	473077	1146206	32.23%	4.450%
7	7.979	1024	1030	1039	rVB	771121	1713717	48.18%	6.653%
8	8.326	1080	1089	1101	rBV	509113	1113096	31.30%	4.321%
9	8.861	1170	1180	1192	rBV	1262937	2524949	70.99%	9.802%
10	9.773	1327	1335	1343	rVB5	18180	39164	1.10%	0.152%
11	9.908	1349	1358	1364	rBV4	37782	75364	2.12%	0.293%
12	10.338	1422	1431	1446	rBV	1939950	3556595	100.00%	13.807%
13	10.949	1528	1535	1541	rBV5	23178	47557	1.34%	0.185%
14	11.185	1570	1575	1579	rVV3	26178	40612	1.14%	0.158%
15	11.243	1579	1585	1589	rVB5	34663	64205	1.81%	0.249%
16	11.349	1598	1603	1607	rBV5	23396	41809	1.18%	0.162%
17	11.443	1615	1619	1628	rVB5	34217	66819	1.88%	0.259%
18	11.638	1643	1652	1661	rBV	1748299	3076966	86.51%	11.945%
19	11.826	1679	1684	1688	rVV7	32068	66655	1.87%	0.259%
20	11.885	1688	1694	1698	rVV3	101807	198099	5.57%	0.769%
21	11.926	1698	1701	1705	rVB2	54906	80674	2.27%	0.313%
22	12.079	1723	1727	1730	rVB3	29022	39956	1.12%	0.155%
23	12.143	1730	1738	1746	rBV7	101638	312149	8.78%	1.212%
24	12.261	1750	1758	1762	rVB2	140890	259033	7.28%	1.006%
25	12.349	1762	1773	1774	rBV6	132529	299478	8.42%	1.163%
26	12.379	1774	1778	1786	rVB3	138642	330558	9.29%	1.283%
27	12.626	1811	1820	1826	rVB2	1333970	2436410	68.50%	9.459%
28	12.708	1826	1834	1839	rBV7	101452	280529	7.89%	1.089%
29	12.785	1844	1847	1854	rVB5	193786	374002	10.52%	1.452%
30	12.867	1854	1861	1866	rBV6	110389	290296	8.16%	1.127%
31	12.949	1867	1875	1881	rBV6	229221	646711	18.18%	2.511%
32	13.085	1890	1898	1902	rBV6	110346	224687	6.32%	0.872%
33	13.132	1902	1906	1911	rVV3	49193	95859	2.70%	0.372%
34	13.267	1926	1929	1931	rBV4	38796	51973	1.46%	0.202%
35	13.302	1932	1935	1939	rVV3	97124	141187	3.97%	0.548%
36	13.349	1941	1943	1947	rVB5	57864	64256	1.81%	0.249%

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37	13.390	1947	1950	1951	rBV2	44346	53946	1.52%	0.209%
38	13.420	1952	1955	1958	rVV2	149380	244684	6.88%	0.950%
39	13.455	1958	1961	1965	rVB2	167334	262085	7.37%	1.017%
40	13.567	1973	1980	1985	rBV	1330009	2293482	64.49%	8.904%
41	13.708	2000	2004	2008	rVB3	58937	84514	2.38%	0.328%
42	13.884	2029	2034	2039	rBV2	268392	475189	13.36%	1.845%
43	13.932	2039	2042	2046	rVB5	47453	77933	2.19%	0.303%
44	14.084	2060	2068	2073	rBV4	121407	301141	8.47%	1.169%
45	14.137	2074	2077	2085	rVB	209772	353454	9.94%	1.372%
46	14.208	2085	2089	2094	rBV5	70844	125637	3.53%	0.488%
47	14.273	2094	2100	2107	rBV8	83626	183832	5.17%	0.714%
48	14.332	2107	2110	2115	rVB6	33472	53198	1.50%	0.207%
49	14.396	2115	2121	2126	rBV3	164781	327540	9.21%	1.272%
50	14.514	2137	2141	2144	rBV5	63608	110879	3.12%	0.430%
51	14.555	2146	2148	2153	rVB4	80960	111902	3.15%	0.434%
52	15.084	2233	2238	2242	rBV8	32245	55226	1.55%	0.214%
53	15.355	2278	2284	2290	rBV4	65416	124222	3.49%	0.482%
54	15.526	2311	2313	2321	rVB5	53892	98106	2.76%	0.381%
55	16.331	2446	2450	2456	rVB9	37473	71488	2.01%	0.278%

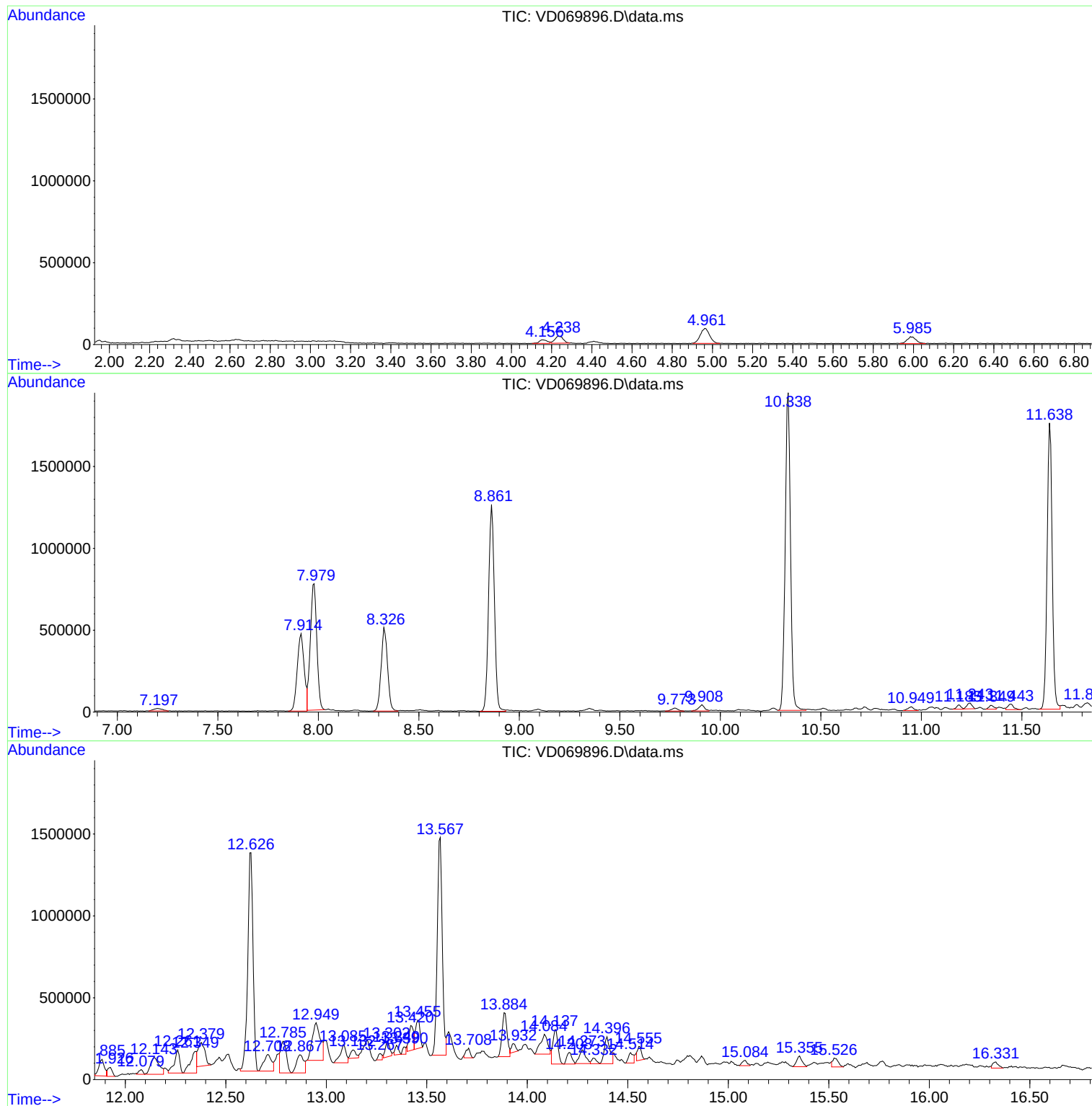
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TIC Library : C:\Database\NIST20.L
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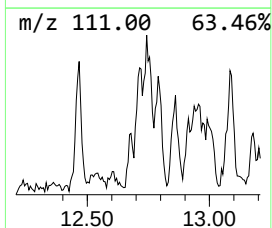
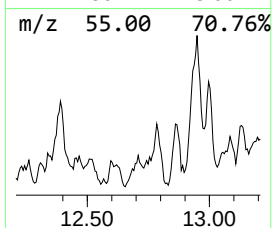
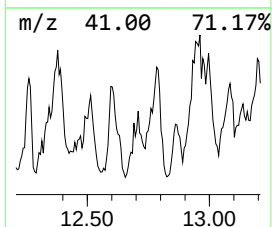
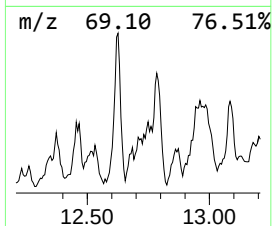
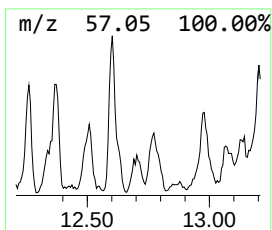
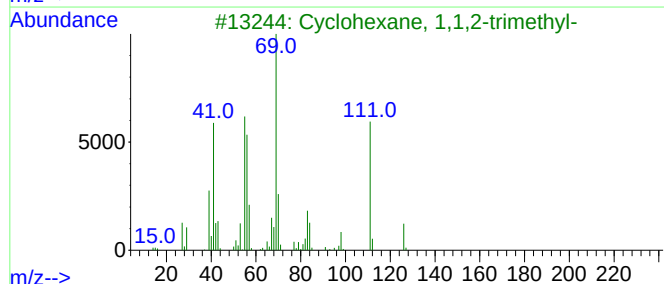
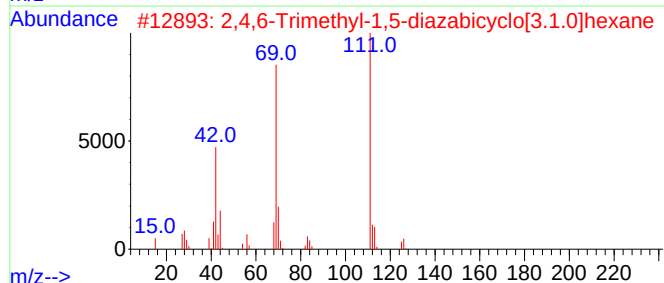
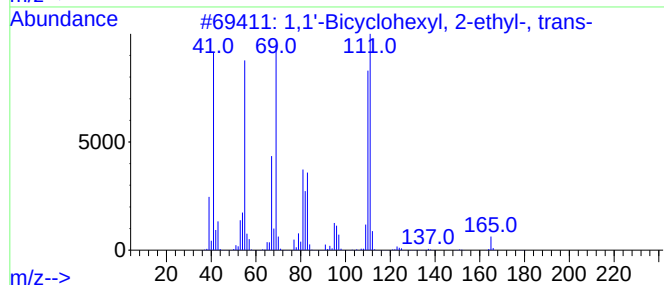
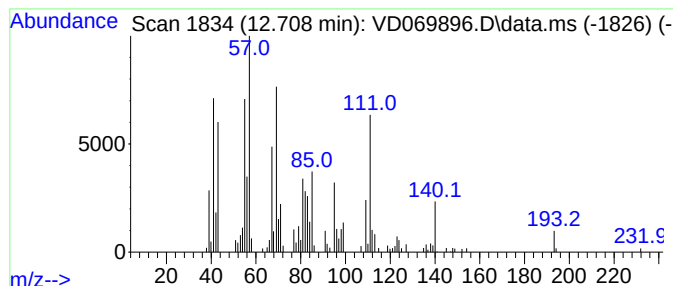
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown12.708 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.708	6.12 ug/l	280529	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclohexyl, 2-ethyl-, trans-	194	C14H26	050991-13-4	47		
2	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	38		
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	35		
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	35		
5	Cyclooctane, butyl-	168	C12H24	016538-93-5	35		



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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

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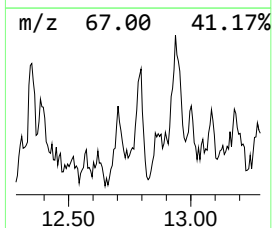
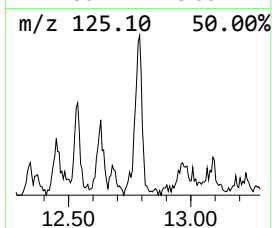
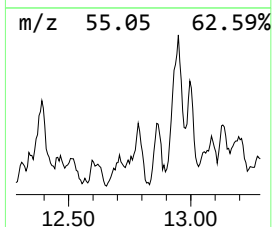
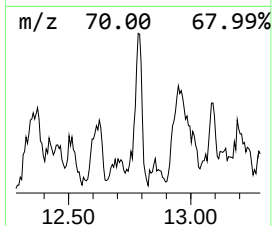
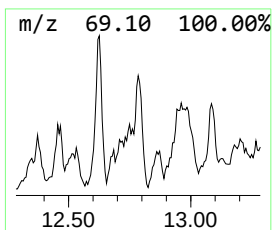
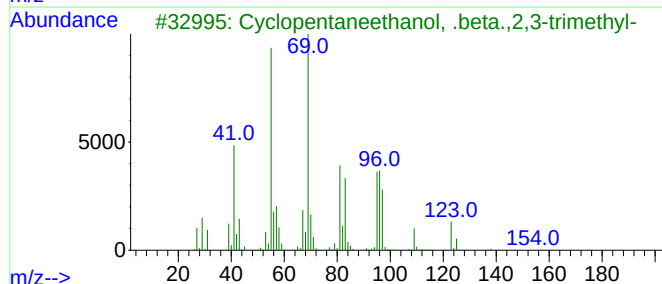
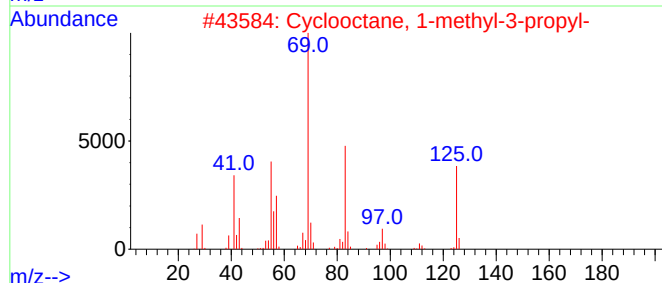
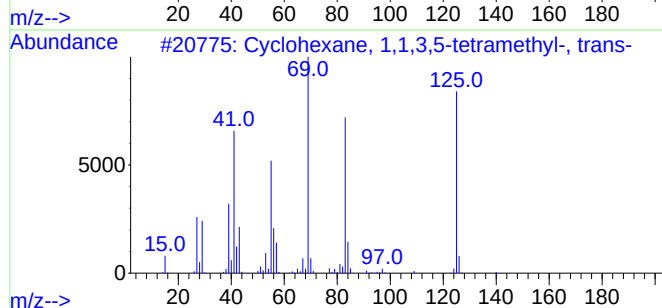
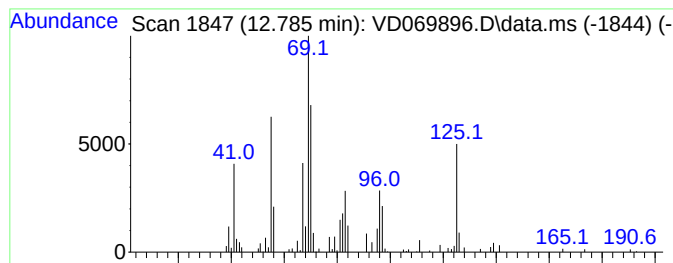
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown12.785 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.785	8.15 ug/l	374002	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	38
2			Cyclooctane, 1-methyl-3-propyl-	168	C12H24	255885-37-1	38
3			Cyclopentaneethanol, .beta.,2,3-...	156	C10H20O	021721-18-6	37
4			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	37
5			1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	35



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Instrument :
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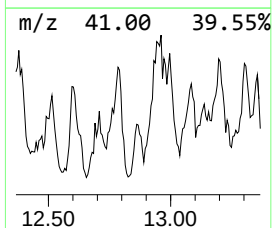
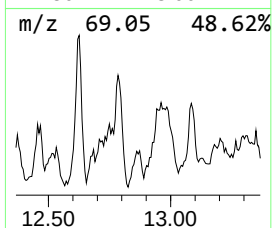
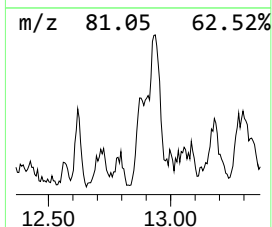
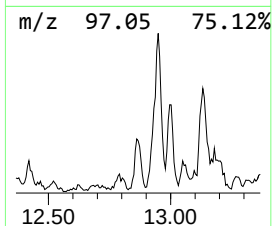
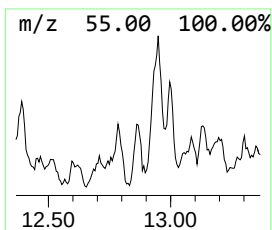
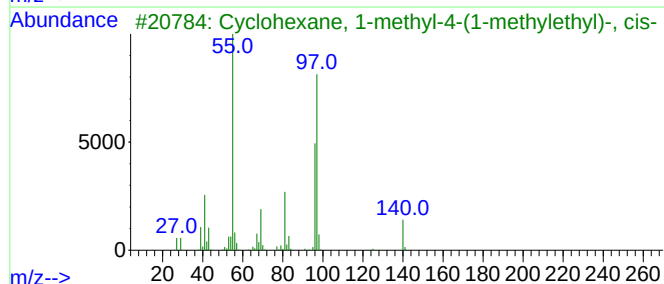
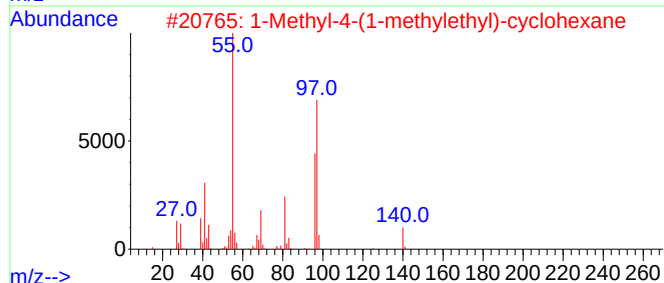
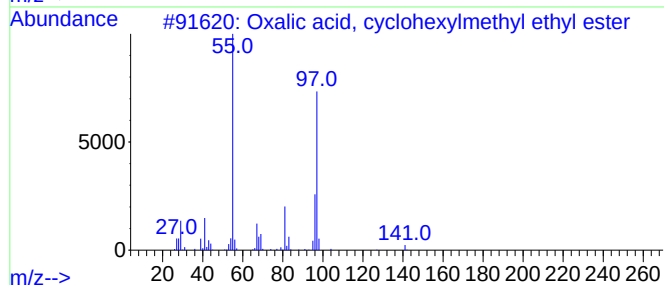
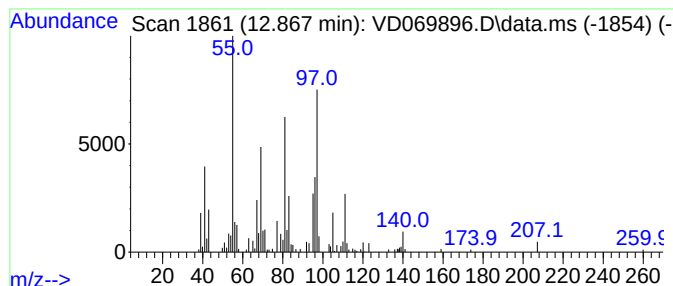
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Oxalic acid, cyclohexylmeth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.867	6.33 ug/l	290296	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	53
2			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	52
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	52
4			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	52
5			m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	50



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ClientSampleId :
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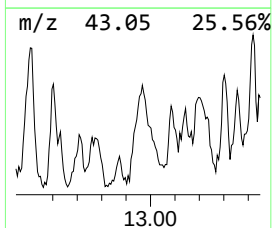
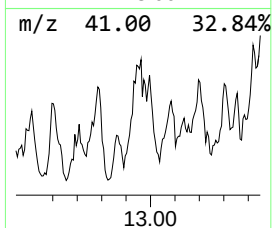
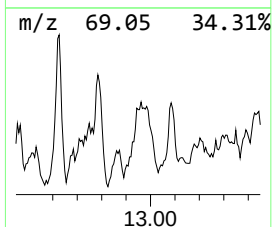
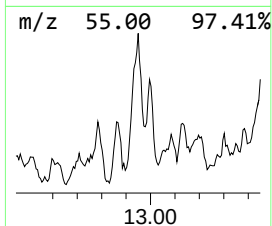
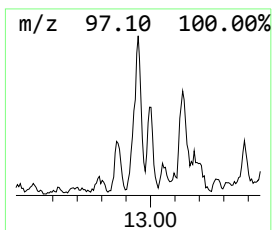
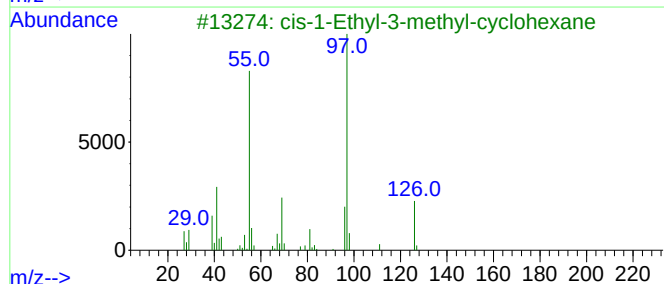
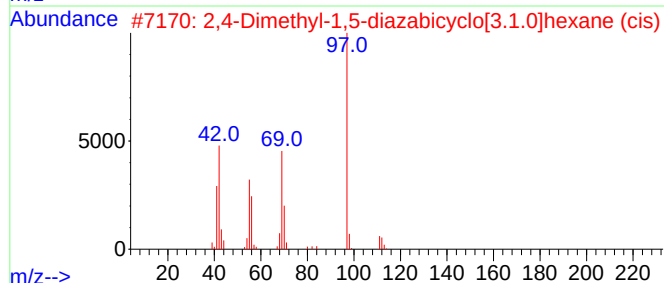
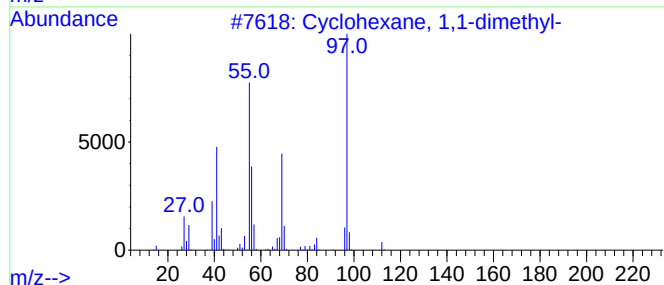
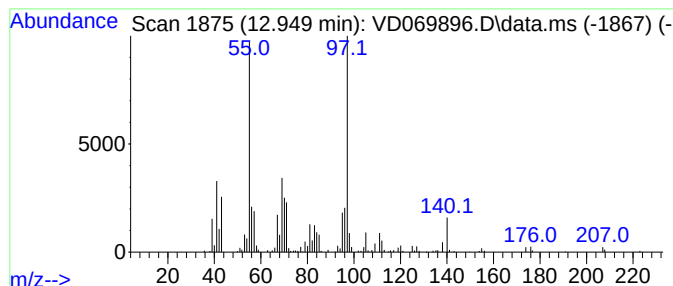
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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Peak Number 5 unknown12.949 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.949	14.10 ug/l	646711	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	49
2			2,4-Dimethyl-1,5-diazabicyclo[3.3.0]heptane	112	C6H12N2	100463-01-2	49
3			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	47
4			Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	46
5			Cyclohexane, 1-methyl-4-(1-methyl-2-propenyl)-	140	C10H20	006069-98-3	46



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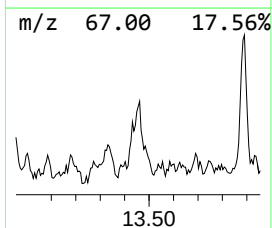
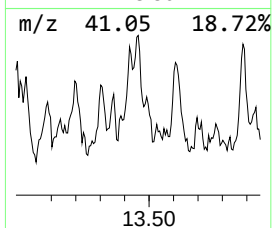
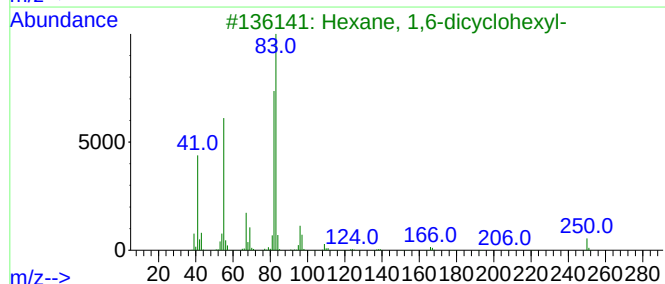
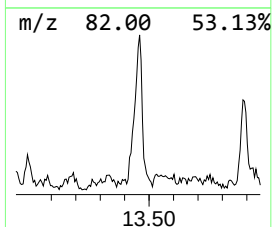
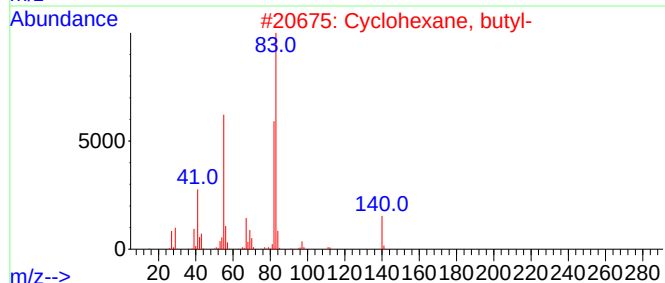
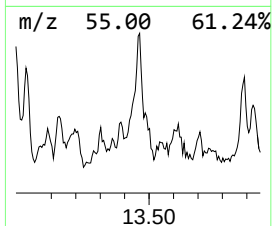
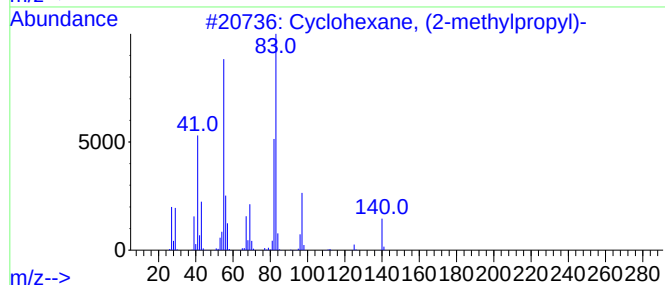
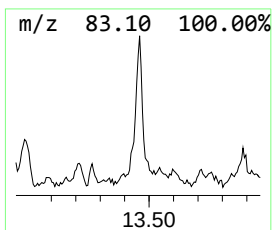
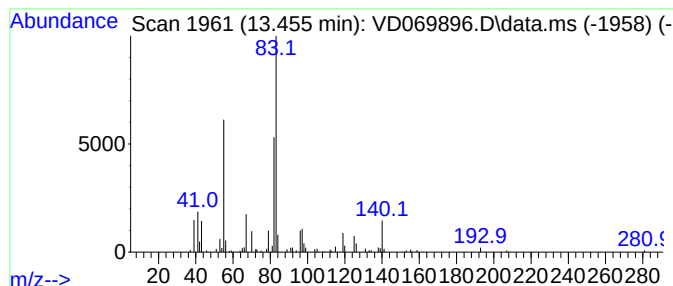
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Quant Title : SW846 8260

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

Peak Number 6 Cyclohexane, (2-methylpropyl)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	5.71 ug/l	262085	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	68
3			Hexane, 1,6-dicyclohexyl-	250	C18H34	001610-23-7	64
4			Cyclohexane, ethyl-	112	C8H16	001678-91-7	53
5			1-Propanone, 1-cyclohexyl-	140	C9H16O	001123-86-0	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069896.D
Acq On : 28 Jul 2021 18:46
Operator : VA/SY
Sample : M3216-08
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

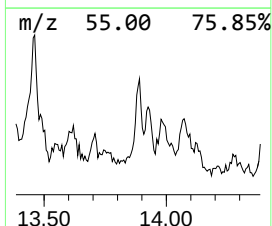
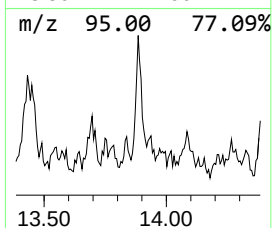
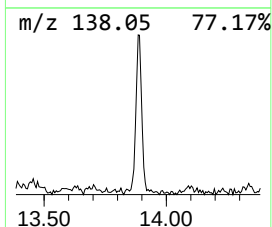
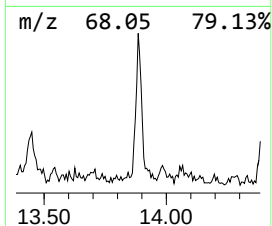
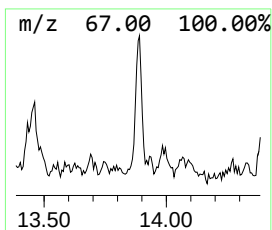
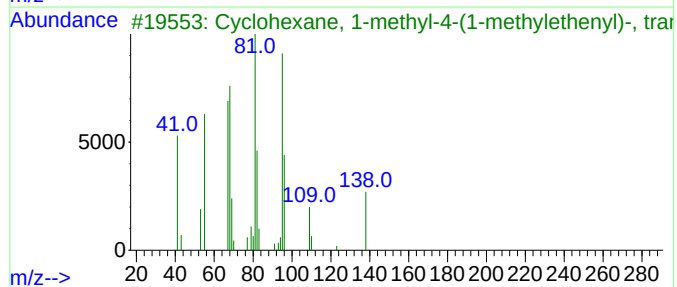
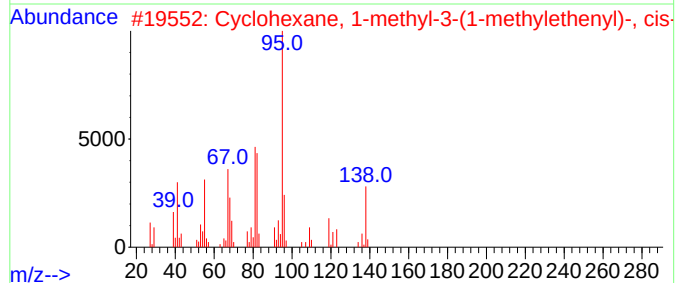
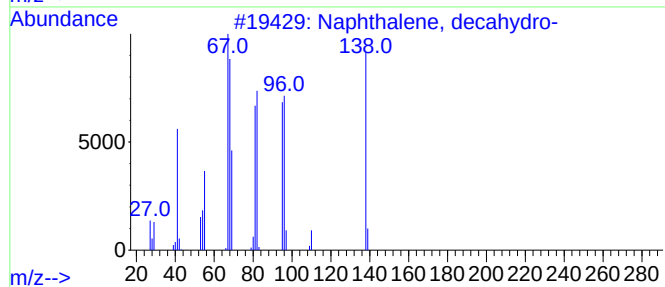
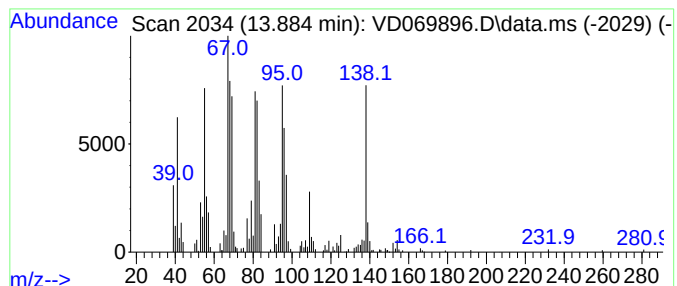
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ClientSampleId :
20210584-COM-7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.884	10.36 ug/l	475189	1,4-Dichlorobenzene-d4	13.567	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	95
2	Cyclohexane, 1-methyl-3-(1-methyl-2-prop-1-en-1-yl)-	138	C10H18	024399-15-3	87
3	Cyclohexane, 1-methyl-4-(1-methyl-2-prop-1-en-1-yl)-	138	C10H18	001124-25-0	81
4	Spiro[4.5]decane	138	C10H18	000176-63-6	76
5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069896.D
Acq On : 28 Jul 2021 18:46
Operator : VA/SY
Sample : M3216-08
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20210584-COM-7

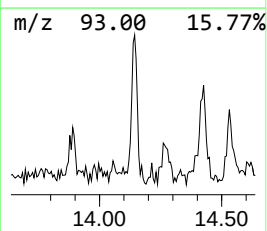
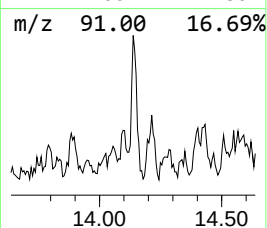
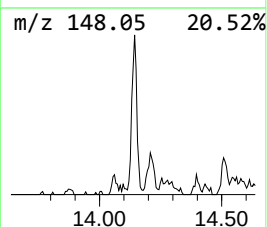
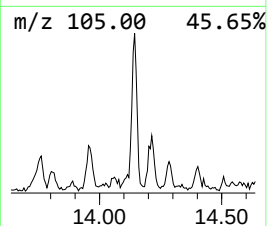
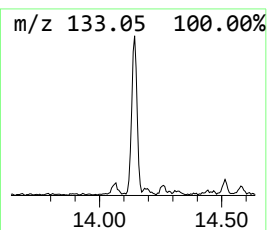
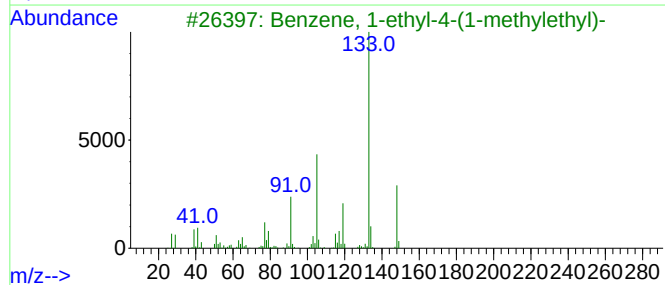
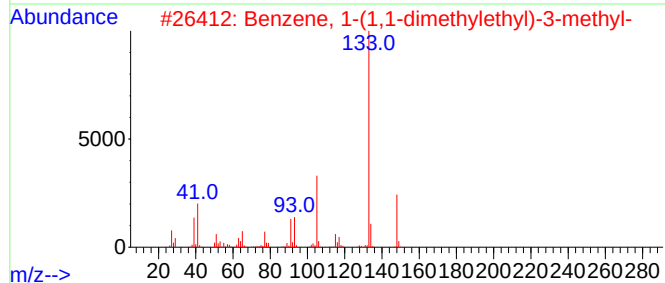
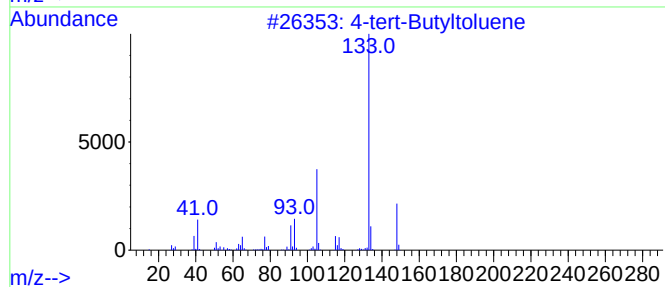
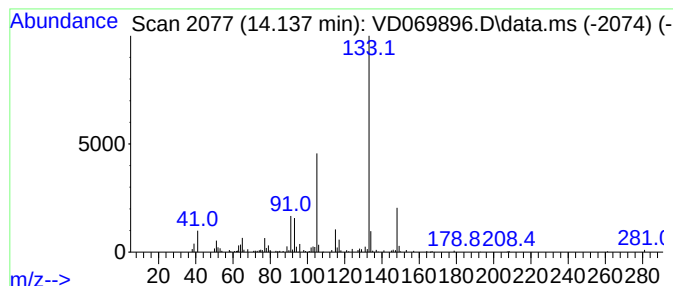
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Quant Title : SW846 8260

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

Peak Number 9 4-tert-Butyltoluene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.137	7.71 ug/l	353454	1,4-Dichlorobenzene-d4	13.567

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-tert-Butyltoluene	148	C11H16	000098-51-1	94
2		Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	91
3		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	83
4		Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	80
5		Ethanone, 1-(4-ethylphenyl)-	148	C10H12O	000937-30-4	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069896.D
Acq On : 28 Jul 2021 18:46
Operator : VA/SY
Sample : M3216-08
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20210584-COM-7

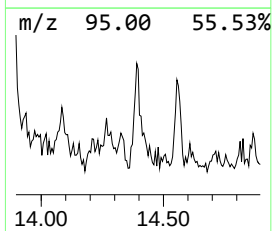
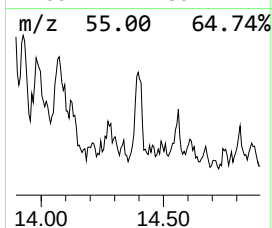
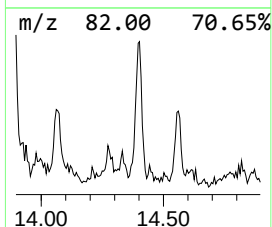
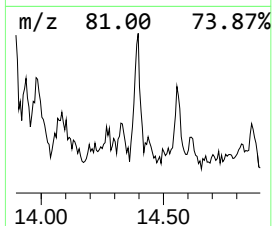
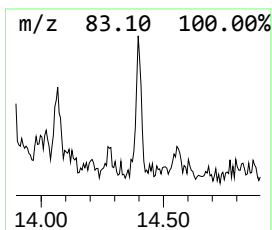
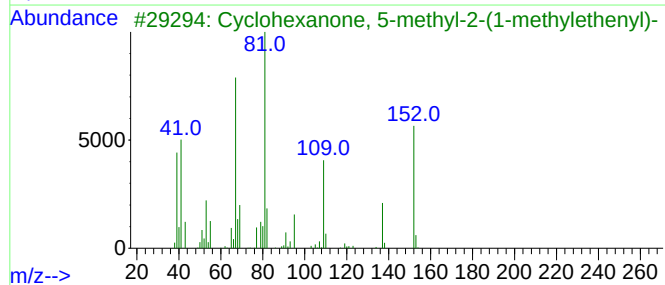
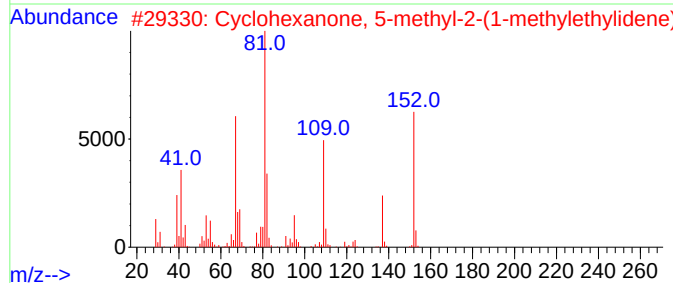
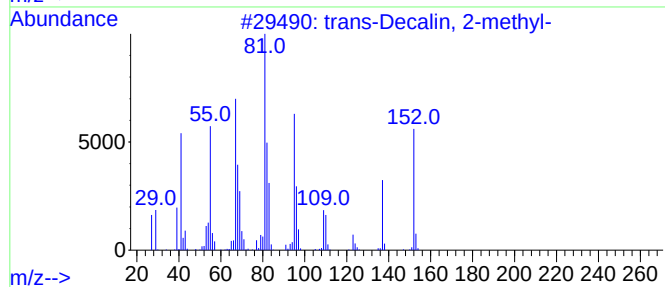
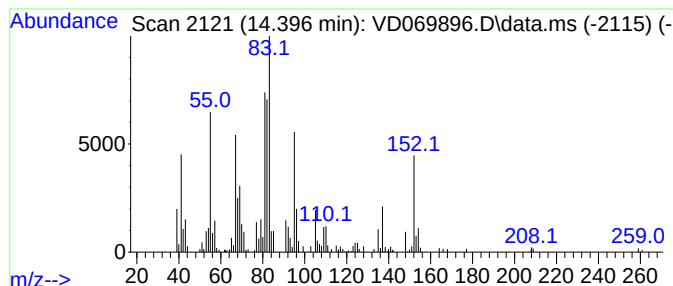
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Quant Title : SW846 8260

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

Peak Number 10 trans-Decalin, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.396	7.14 ug/l	327540	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	86
2			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49
3			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	000529-00-0	45
4			Pulegone	152	C10H16O	000089-82-7	43
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069896.D
Acq On : 28 Jul 2021 18:46
Operator : VA/SY
Sample : M3216-08
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20210584-COM-7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

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unknown12.785	12.785	8.2	ug/l	374002	4	13.567	2293480	50.0
Oxalic acid, cy...	12.867	6.3	ug/l	290296	4	13.567	2293480	50.0
unknown12.949	12.949	14.1	ug/l	646711	4	13.567	2293480	50.0
Cyclohexane, (2...	13.455	5.7	ug/l	262085	4	13.567	2293480	50.0
Naphthalene, de...	13.884	10.4	ug/l	475189	4	13.567	2293480	50.0
4-tert-Butyltol...	14.137	7.7	ug/l	353454	4	13.567	2293480	50.0
trans-Decalin, ...	14.396	7.1	ug/l	327540	4	13.567	2293480	50.0