

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069897.D
 Acq On : 28 Jul 2021 19:15
 Operator : VA/SY
 Sample : M3216-09
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210593-AMENDED-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: VD069897.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.162	371	381	385	rBV	17385	45781	1.05%	0.141%
2	4.238	385	394	406	rVB2	216145	607199	13.93%	1.875%
3	4.409	414	423	432	rVB	73990	198153	4.54%	0.612%
4	4.962	505	517	531	rBV3	95615	322237	7.39%	0.995%
5	5.991	681	692	702	rBV4	36195	114565	2.63%	0.354%
6	7.914	1006	1019	1024	rBV	445165	1114879	25.57%	3.443%
7	7.979	1024	1030	1041	rVB	878699	1947889	44.67%	6.016%
8	8.326	1079	1089	1100	rBV	535012	1223147	28.05%	3.778%
9	8.861	1170	1180	1195	rBV	1479459	2967960	68.07%	9.167%
10	9.767	1330	1334	1343	rVB6	21732	44340	1.02%	0.137%
11	9.908	1350	1358	1365	rBV5	35617	79543	1.82%	0.246%
12	10.338	1423	1431	1449	rBV	2399786	4360162	100.00%	13.466%
13	10.950	1525	1535	1540	rBV4	32578	65716	1.51%	0.203%
14	11.044	1546	1551	1555	rBV4	24704	48770	1.12%	0.151%
15	11.185	1569	1575	1579	rVV3	37184	61561	1.41%	0.190%
16	11.238	1579	1584	1590	rVV2	52782	87102	2.00%	0.269%
17	11.344	1598	1602	1607	rBV3	39115	65722	1.51%	0.203%
18	11.444	1614	1619	1626	rVB2	52650	104666	2.40%	0.323%
19	11.638	1643	1652	1661	rBV	2021003	3504505	80.38%	10.824%
20	11.826	1678	1684	1687	rVV6	45168	87168	2.00%	0.269%
21	11.885	1688	1694	1698	rVV3	138038	265132	6.08%	0.819%
22	11.920	1698	1700	1706	rVB3	86224	125942	2.89%	0.389%
23	12.079	1723	1727	1731	rVB2	35659	46181	1.06%	0.143%
24	12.144	1731	1738	1746	rBV6	147404	426263	9.78%	1.317%
25	12.261	1750	1758	1763	rVB2	210602	386799	8.87%	1.195%
26	12.373	1774	1777	1785	rVB3	193221	430198	9.87%	1.329%
27	12.508	1797	1800	1808	rVB4	156555	313236	7.18%	0.967%
28	12.626	1808	1820	1826	rVB2	1541688	2876608	65.97%	8.884%
29	12.714	1826	1835	1839	rBV5	142062	397114	9.11%	1.226%
30	12.785	1839	1847	1854	rVB6	276717	786038	18.03%	2.428%
31	12.867	1854	1861	1866	rBV5	159491	406144	9.31%	1.254%
32	12.950	1867	1875	1880	rBV6	323384	842721	19.33%	2.603%
33	13.091	1895	1899	1902	rVB2	106595	152457	3.50%	0.471%
34	13.132	1902	1906	1911	rBV3	81712	135806	3.11%	0.419%
35	13.202	1915	1918	1925	rVB3	179914	303876	6.97%	0.939%
36	13.267	1926	1929	1932	rBV4	68266	107778	2.47%	0.333%

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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	13.302	1932	1935	1940	rBV2	114401	157540	3.61%	0.487%
38	13.349	1941	1943	1947	rVB2	71265	81242	1.86%	0.251%
39	13.385	1947	1949	1951	rBV2	60551	70127	1.61%	0.217%
40	13.426	1952	1956	1958	rVV	180571	299089	6.86%	0.924%
41	13.455	1959	1961	1965	rVB3	242404	306637	7.03%	0.947%
42	13.567	1973	1980	1985	rBV	1618745	2694341	61.79%	8.322%
43	13.702	1999	2003	2008	rVB6	86168	141565	3.25%	0.437%
44	13.755	2008	2012	2014	rBV4	48681	71918	1.65%	0.222%
45	13.891	2029	2035	2039	rBV2	377311	695724	15.96%	2.149%
46	14.085	2060	2068	2074	rBV5	133655	404696	9.28%	1.250%
47	14.144	2074	2078	2084	rVB	286401	475980	10.92%	1.470%
48	14.208	2084	2089	2094	rBV5	99288	181628	4.17%	0.561%
49	14.273	2095	2100	2107	rVB7	102575	207177	4.75%	0.640%
50	14.332	2107	2110	2115	rVB7	49600	79665	1.83%	0.246%
51	14.396	2116	2121	2131	rBV3	214944	483769	11.10%	1.494%
52	14.520	2136	2142	2145	rBV6	80220	190333	4.37%	0.588%
53	14.555	2145	2148	2154	rVB5	114340	175664	4.03%	0.543%
54	14.749	2178	2181	2184	rBV5	34075	48473	1.11%	0.150%
55	14.796	2187	2189	2197	rVV6	73966	184416	4.23%	0.570%
56	14.867	2198	2201	2206	rVB6	60521	98597	2.26%	0.305%
57	15.085	2234	2238	2243	rVB8	40602	65044	1.49%	0.201%
58	15.355	2279	2284	2292	rVB2	77171	137762	3.16%	0.425%
59	16.326	2446	2449	2455	rVB5	45150	73215	1.68%	0.226%

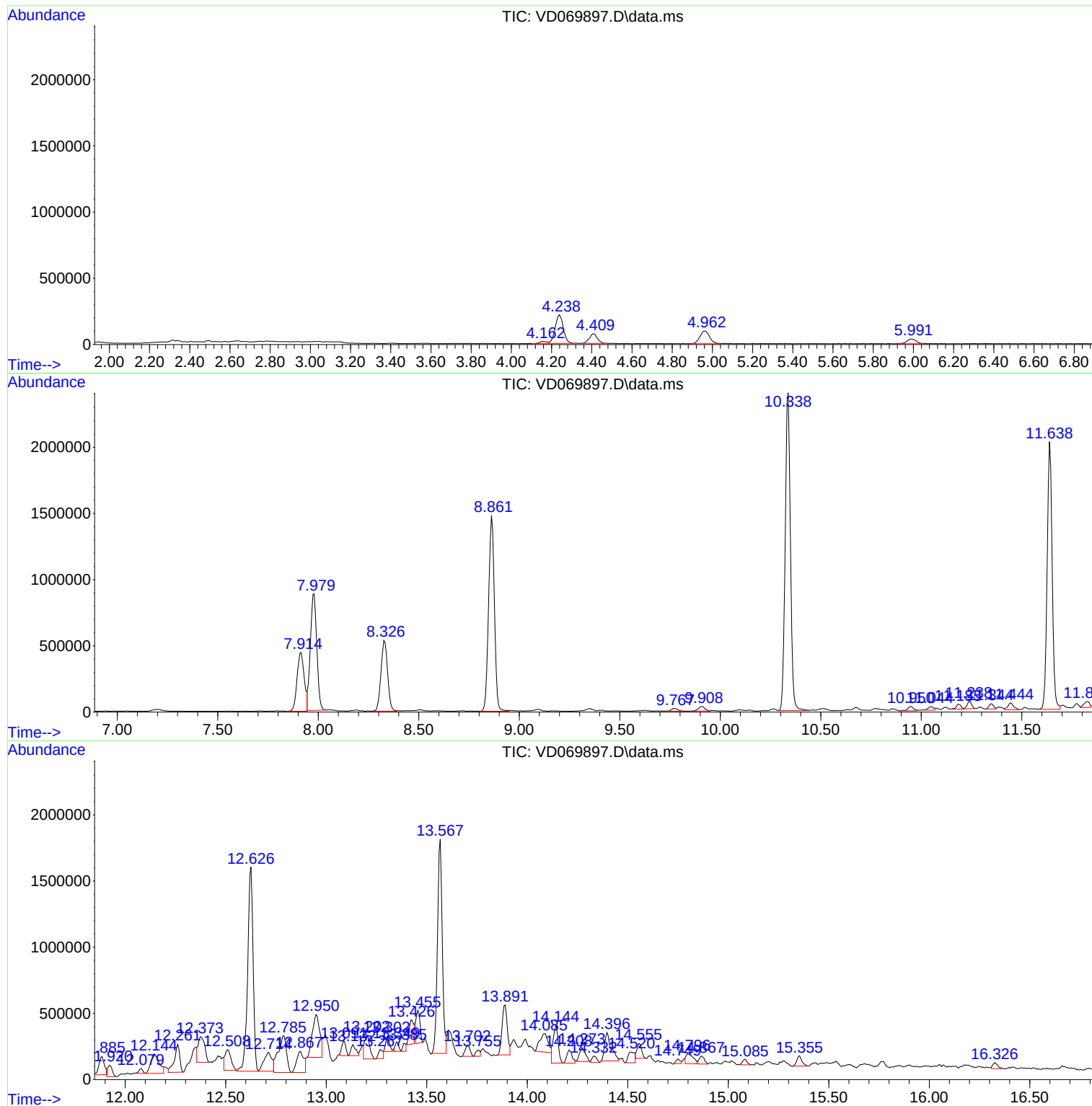
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_D
ClientSampleId :
20210593-AMENDED-COM-7

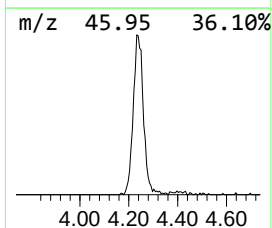
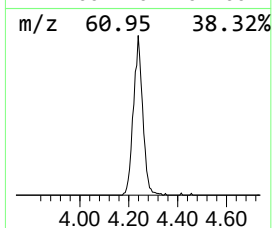
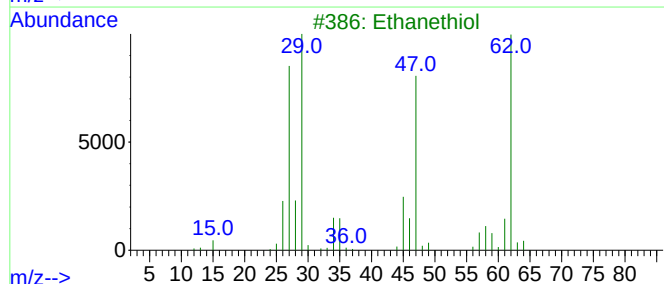
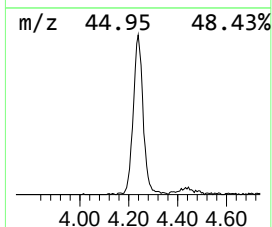
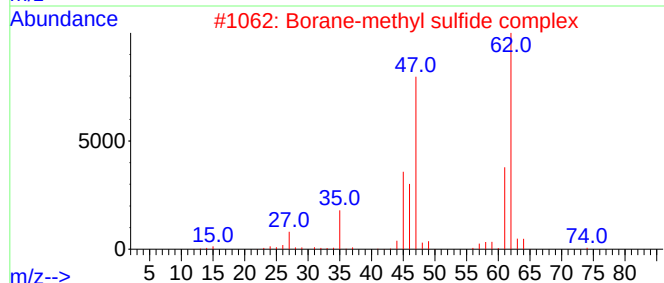
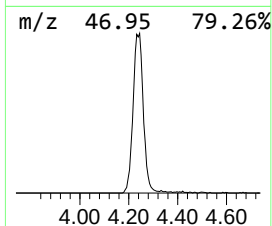
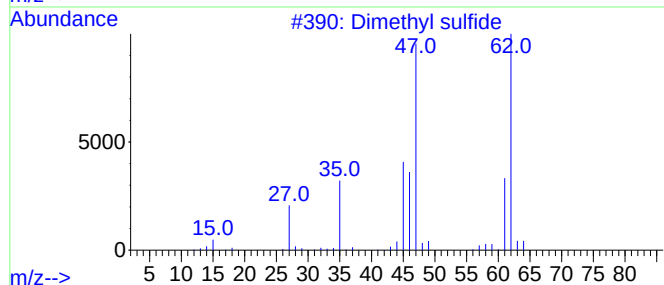
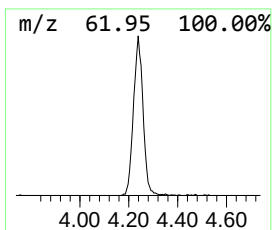
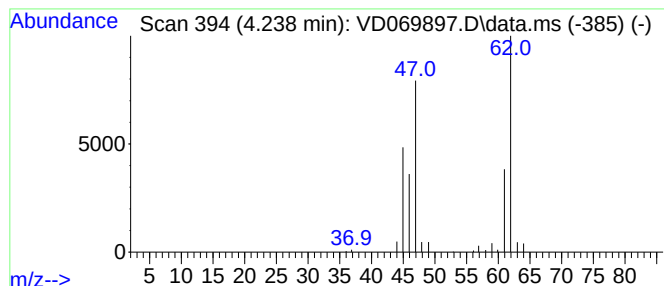
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 1 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.238	15.59 ug/l	607199	Pentafluorobenzene	7.979

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dimethyl sulfide	62	C2H6S	000075-18-3	94
2			Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90
3			Ethanethiol	62	C2H6S	000075-08-1	72
4			Ethene, chloro-	62	C2H3Cl	000075-01-4	5
5			Phosphine, ethyl-	62	C2H7P	000593-68-0	5



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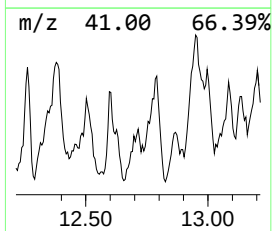
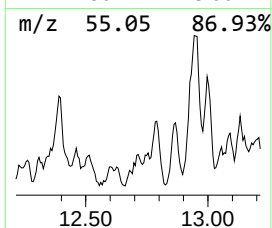
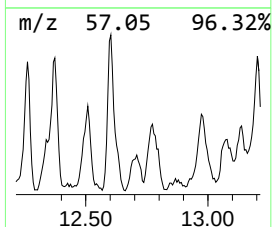
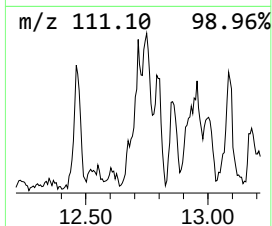
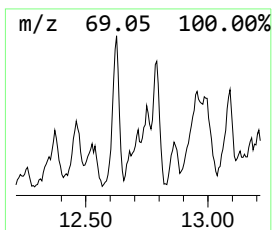
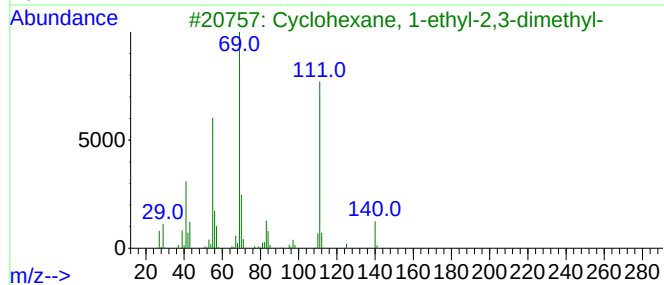
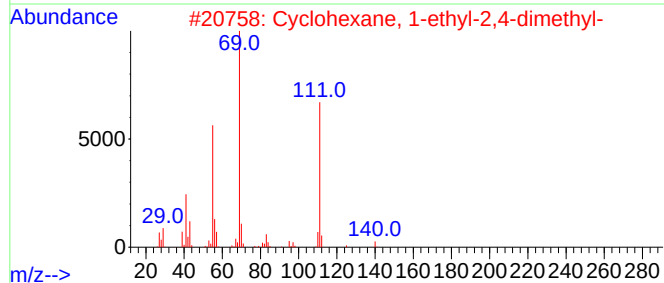
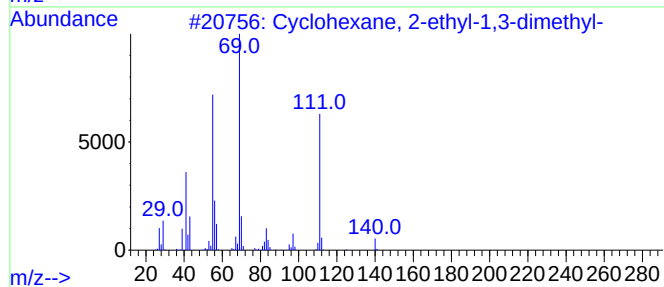
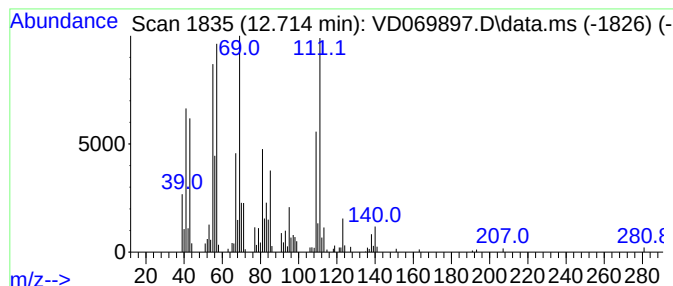
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 3 unknown12.714 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.714	7.37 ug/l	397114	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	43
2			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	43
3			Cyclohexane, 1-ethyl-2,3-dimethyl-	140	C10H20	007058-05-1	43
4			Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	38
5			3-Octene, 2,6-dimethyl-	140	C10H20	006874-28-8	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
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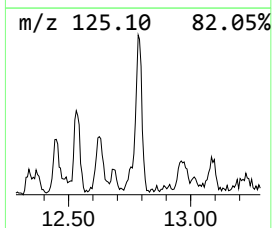
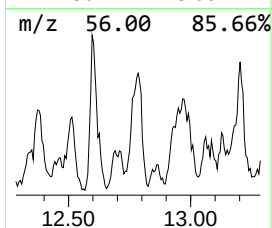
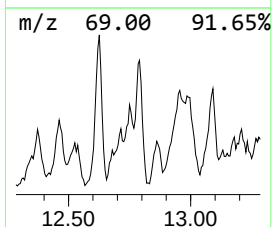
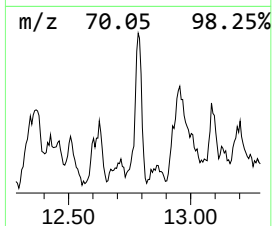
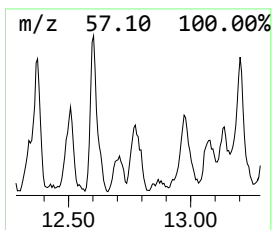
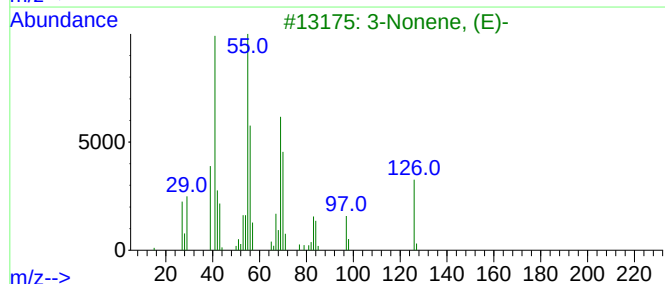
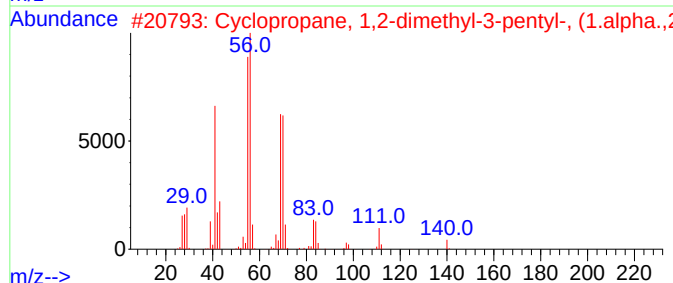
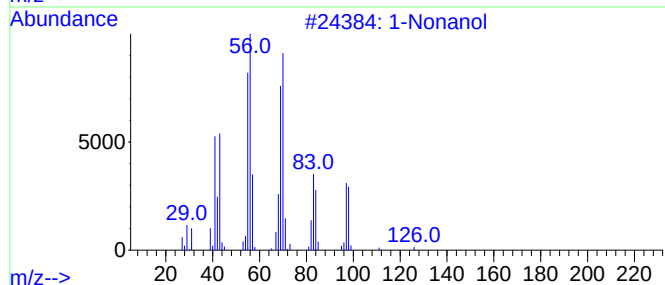
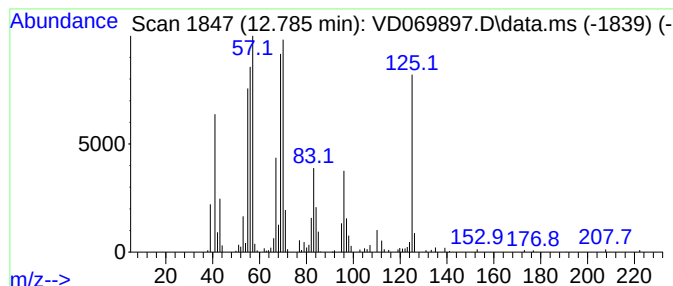
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 4 1-Nonanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.785	14.59 ug/l	786038	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonanol	144	C9H20O	000143-08-8	52
2			Cyclopropane, 1,2-dimethyl-3-pen...	140	C10H20	062238-10-2	47
3			3-Nonene, (E)-	126	C9H18	020063-92-7	35
4			Cyclopropane, 1-heptyl-2-methyl-	154	C11H22	074663-91-5	35
5			2-Decene, 9-methyl-, (Z)-	154	C11H22	074630-24-3	35



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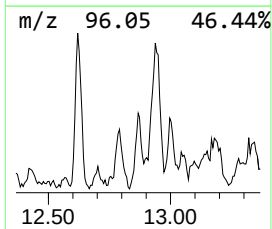
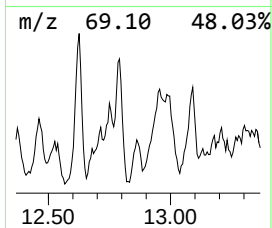
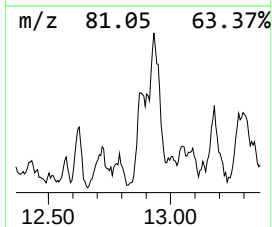
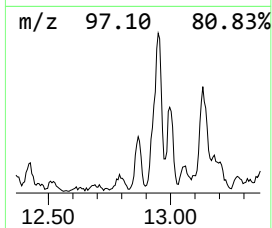
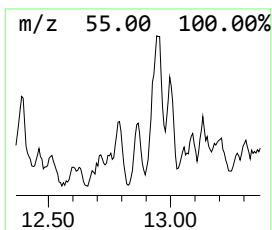
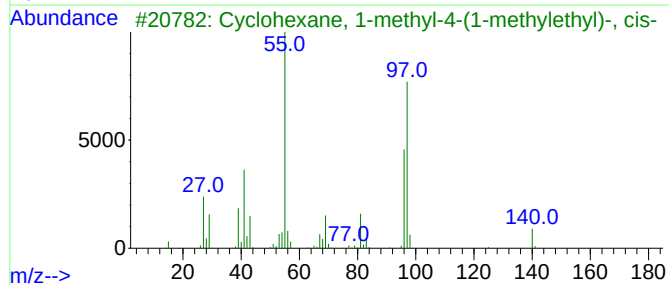
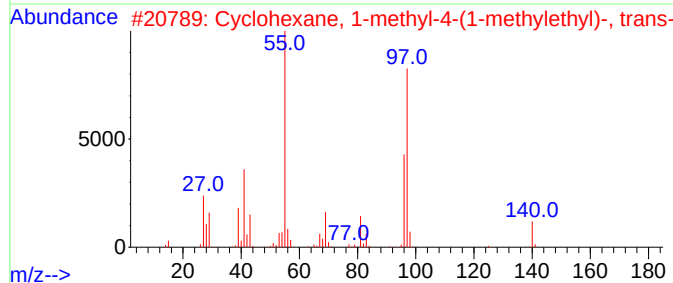
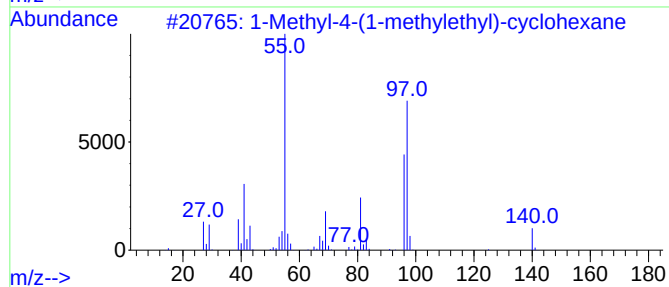
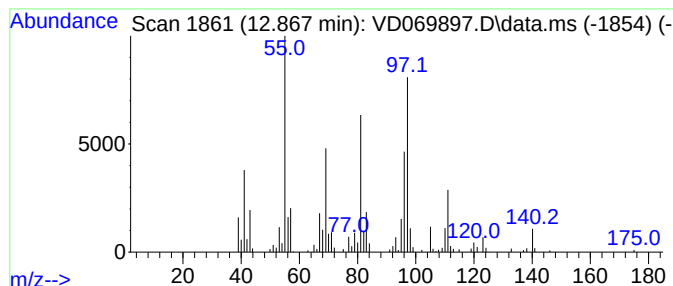
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 5 1-Methyl-4-(1-methylethyl)-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.867	7.54 ug/l	406144	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	64
2			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	64
3			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	64
4			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	50
5			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	47



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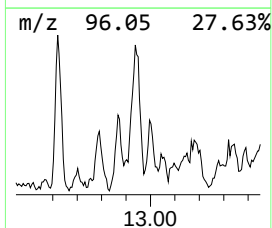
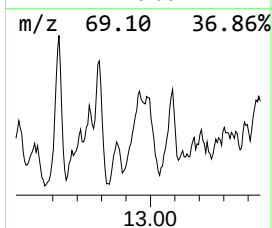
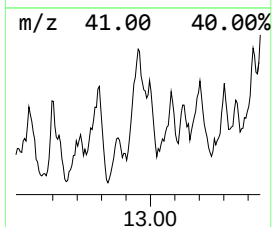
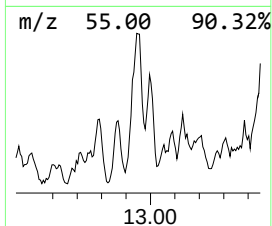
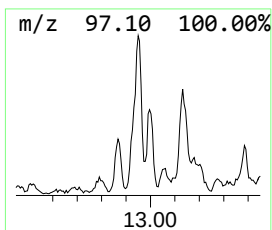
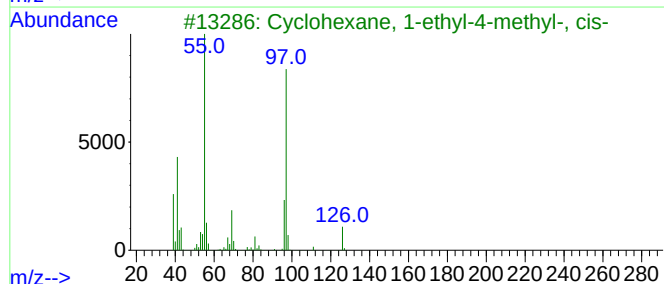
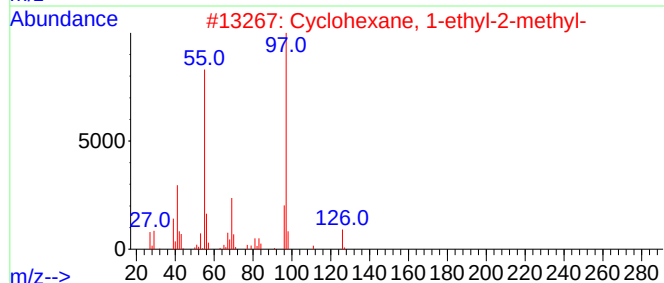
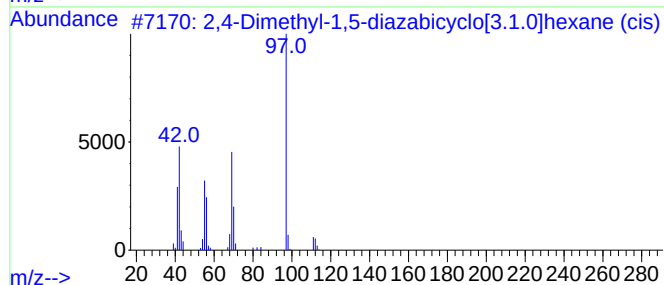
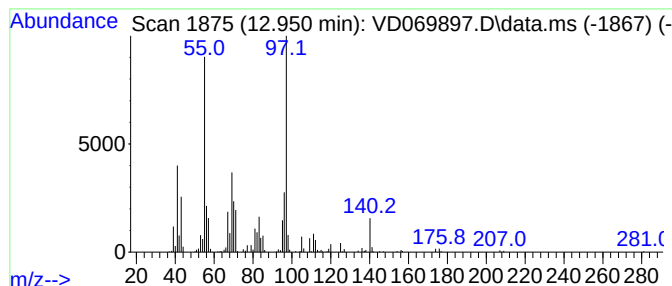
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Quant Title : SW846 8260

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

Peak Number 6 2,4-Dimethyl-1,5-diazabicyc... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.950	15.64 ug/l	842721	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4-Dimethyl-1,5-diazabicyclo[3.3.0]heptane	112	C6H12N2	100463-01-2	60
2			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58
3			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50
4			Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	49
5			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069897.D
Acq On : 28 Jul 2021 19:15
Operator : VA/SY
Sample : M3216-09
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20210593-AMENDED-COM-7

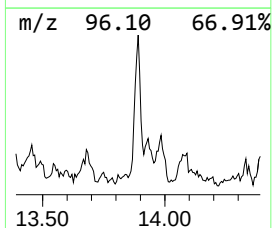
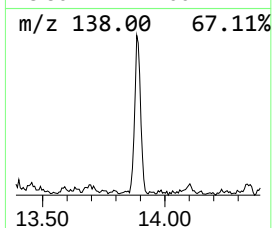
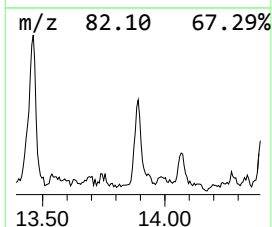
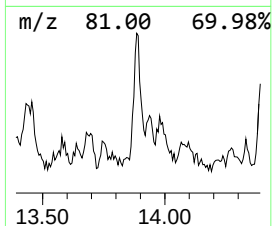
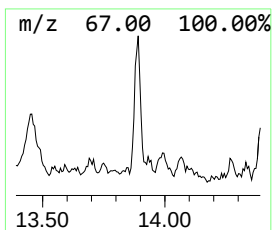
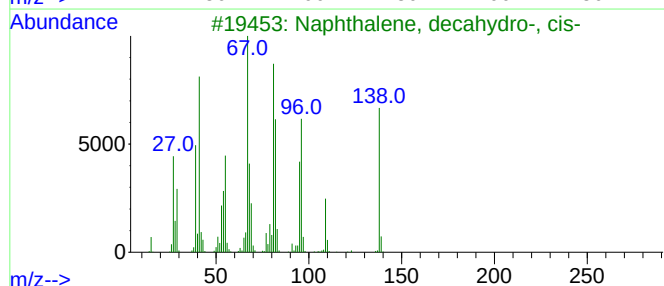
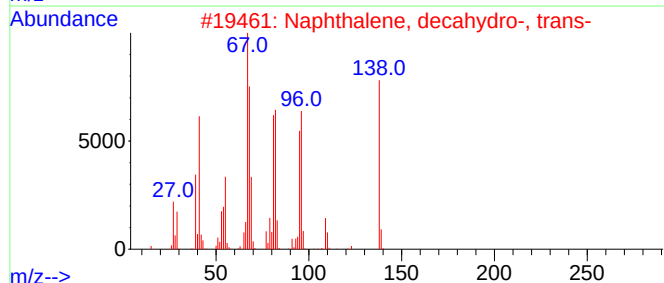
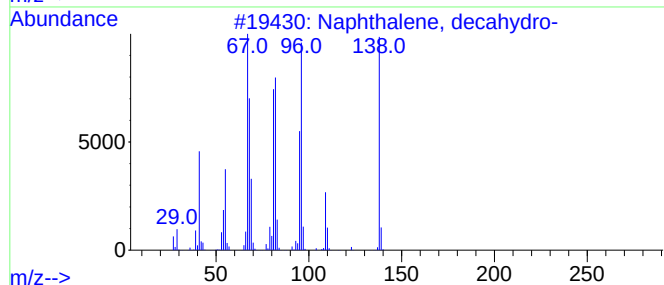
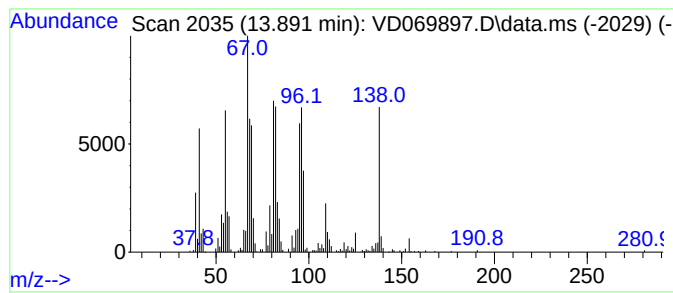
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Quant Title : SW846 8260

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

Peak Number 7 Naphthalene, decahydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.891	12.91 ug/l	695724	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	90
4			Spiro[4.5]decane	138	C10H18	000176-63-6	81
5			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069897.D
Acq On : 28 Jul 2021 19:15
Operator : VA/SY
Sample : M3216-09
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20210593-AMENDED-COM-7

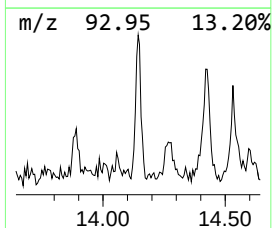
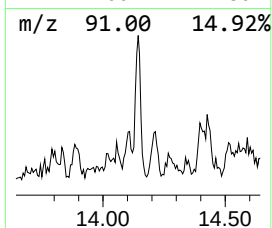
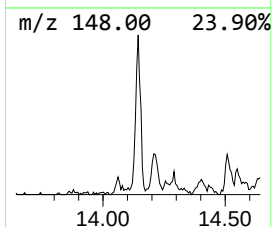
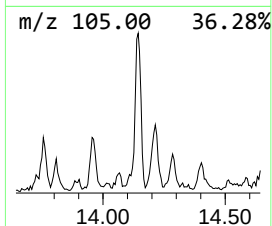
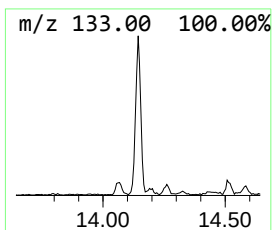
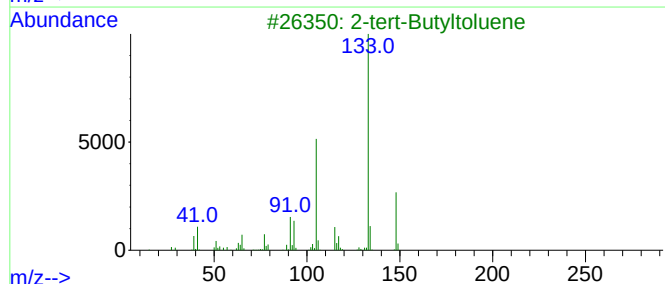
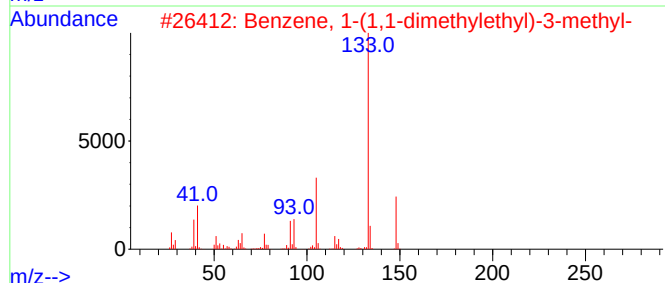
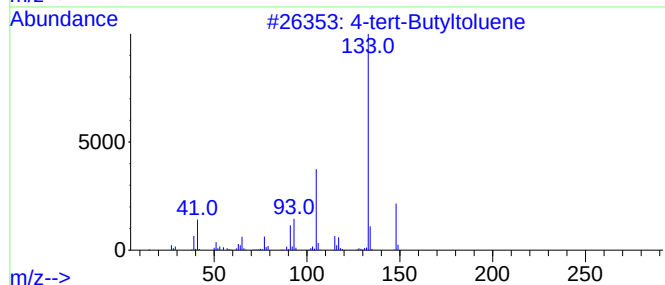
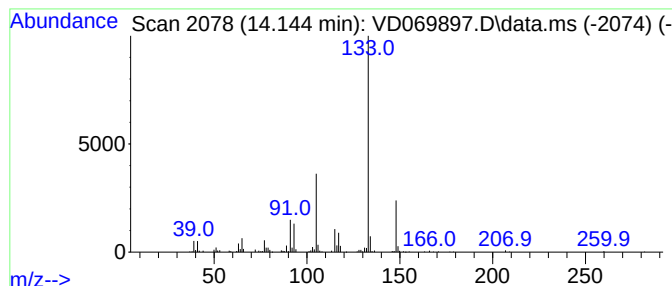
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Quant Title : SW846 8260

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

Peak Number 9 4-tert-Butyltoluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.144	8.83 ug/l	475980	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	94
3			2-tert-Butyltoluene	148	C11H16	001074-92-6	91
4			Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	90
5			3,4-Dimethylcumene	148	C11H16	1000370-34-1	74



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069897.D
Acq On : 28 Jul 2021 19:15
Operator : VA/SY
Sample : M3216-09
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20210593-AMENDED-COM-7

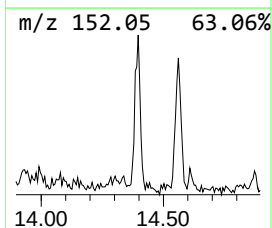
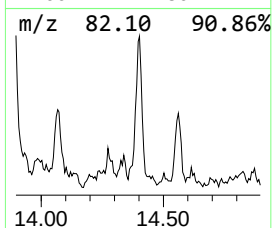
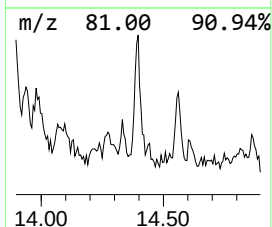
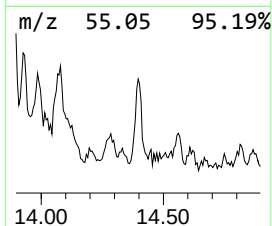
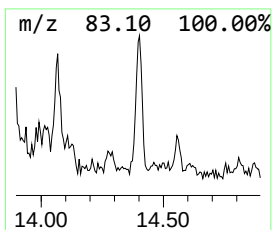
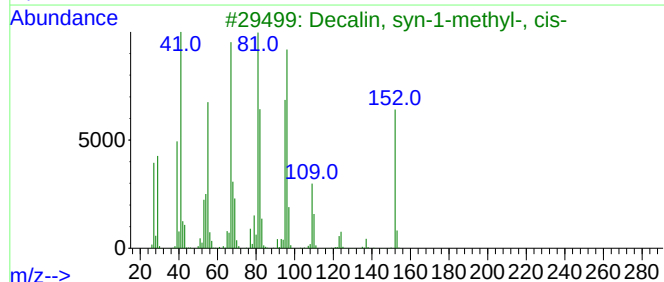
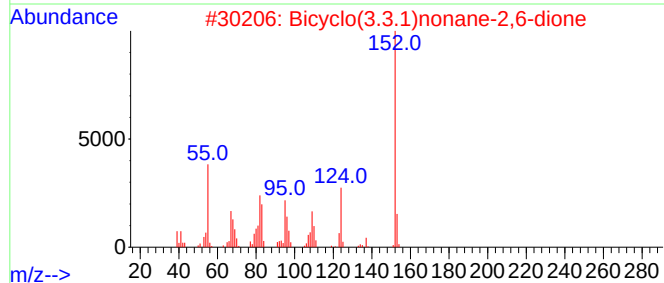
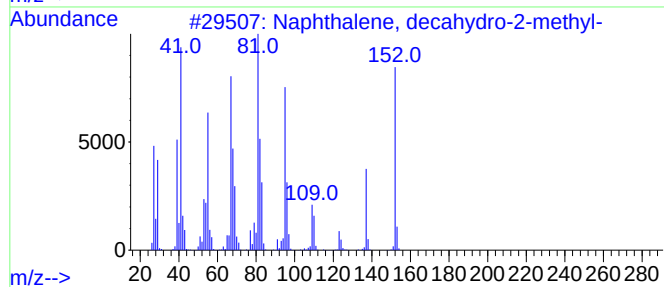
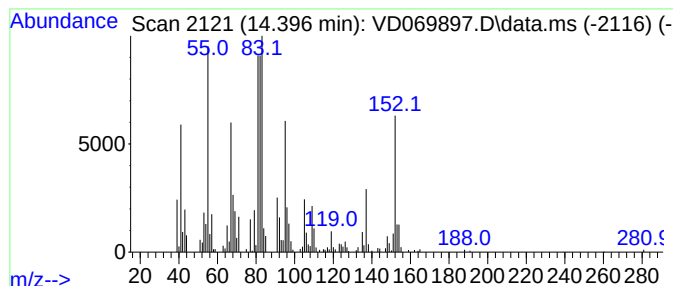
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.397	8.98 ug/l	483769	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	86
2		Bicyclo(3.3.1)nonane-2,6-dione	152	C9H12O2	016473-11-3	60
3		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	60
4		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58
5		Dodeca-1,6-dien-12-ol, 6,10-dime...	210	C14H26O	1000156-13-8	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
Data File : VD069897.D
Acq On : 28 Jul 2021 19:15
Operator : VA/SY
Sample : M3216-09
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20210593-AMENDED-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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	4.238	15.6	ug/l	607199	1	7.979	1947890	50.0
unknown12.714	12.714	7.4	ug/l	397114	4	13.567	2694340	50.0
1-Nonanol	12.785	14.6	ug/l	786038	4	13.567	2694340	50.0
1-Methyl-4-(1-m...	12.867	7.5	ug/l	406144	4	13.567	2694340	50.0
2,4-Dimethyl-1,...	12.950	15.6	ug/l	842721	4	13.567	2694340	50.0
Naphthalene, de...	13.891	12.9	ug/l	695724	4	13.567	2694340	50.0
4-tert-Butyltol...	14.144	8.8	ug/l	475980	4	13.567	2694340	50.0
Naphthalene, de...	14.397	9.0	ug/l	483769	4	13.567	2694340	50.0