

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
 Data File : VD070026.D
 Acq On : 11 Aug 2021 16:32
 Operator : VA/SY
 Sample : M3346-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LPA-1

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: VD070026.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.909	1007	1018	1024	rBV2	478058	1195051	5.12%	0.338%
2	7.979	1024	1030	1039	rVB	735499	1625290	6.97%	0.459%
3	8.332	1080	1090	1100	rBV	461422	1042258	4.47%	0.294%
4	8.861	1171	1180	1192	rBV	1293849	2572181	11.03%	0.727%
5	10.332	1422	1430	1446	rBV	2372893	4615050	19.78%	1.304%
6	10.503	1453	1459	1471	rVB4	132843	336382	1.44%	0.095%
7	10.673	1483	1488	1497	rVB	342554	639142	2.74%	0.181%
8	10.773	1497	1505	1510	rBV6	175323	398621	1.71%	0.113%
9	11.050	1541	1552	1560	rBV2	237128	586509	2.51%	0.166%
10	11.120	1560	1564	1567	rVV3	144767	237710	1.02%	0.067%
11	11.185	1571	1575	1579	rVV	391268	669904	2.87%	0.189%
12	11.238	1579	1584	1590	rVV	790873	1443366	6.19%	0.408%
13	11.291	1590	1593	1598	rVV	198846	289893	1.24%	0.082%
14	11.350	1598	1603	1607	rVV5	246381	404917	1.74%	0.114%
15	11.444	1614	1619	1627	rVB	761374	1324825	5.68%	0.374%
16	11.638	1644	1652	1661	rBV	1969301	3510281	15.05%	0.992%
17	11.732	1661	1668	1671	rBV2	145453	270577	1.16%	0.076%
18	11.773	1671	1675	1679	rBV	366501	518540	2.22%	0.146%
19	11.826	1679	1684	1688	rBV4	405816	702423	3.01%	0.198%
20	11.879	1688	1693	1698	rBV	1259491	2548129	10.92%	0.720%
21	11.926	1698	1701	1706	rVB2	1119059	1704581	7.31%	0.482%
22	11.985	1706	1711	1713	rBV2	246740	409788	1.76%	0.116%
23	12.050	1717	1722	1723	rBV	342377	444918	1.91%	0.126%
24	12.144	1730	1738	1744	rBV2	2706356	6345887	27.20%	1.793%
25	12.197	1744	1747	1750	rVV2	520239	772317	3.31%	0.218%
26	12.232	1750	1753	1756	rVV	276020	411314	1.76%	0.116%
27	12.344	1762	1772	1776	rBV3	3194659	9126511	39.12%	2.578%
28	12.426	1784	1786	1788	rBV2	296254	368452	1.58%	0.104%
29	12.514	1797	1801	1807	rVB5	1383536	2735852	11.73%	0.773%
30	12.567	1807	1810	1814	rVB	639028	921923	3.95%	0.260%
31	12.626	1814	1820	1825	rVB3	2623718	4256217	18.24%	1.202%
32	12.708	1825	1834	1839	rBV3	2168939	6112167	26.20%	1.727%
33	12.791	1843	1848	1854	rVB2	4163663	8166320	35.00%	2.307%
34	12.867	1854	1861	1867	rBV5	2535066	7062559	30.27%	1.995%
35	12.949	1867	1875	1880	rVV6	4095170	11201867	48.02%	3.164%
36	13.002	1880	1884	1889	rVB5	2661771	4668481	20.01%	1.319%

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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37	13.091	1894	1899	1902	rBV2	2798480	3992862	17.12%	1.128%
38	13.132	1902	1906	1910	rBV3	1809512	3178583	13.62%	0.898%
39	13.179	1910	1914	1927	rVB7	3284036	9000733	38.58%	2.543%
40	13.302	1927	1935	1939	rBV3	3858340	7850547	33.65%	2.218%
41	13.355	1939	1944	1947	rBV3	1871772	3157329	13.53%	0.892%
42	13.455	1953	1961	1965	rBV4	4653318	10859755	46.55%	3.068%
43	13.491	1965	1967	1973	rVB4	2603676	3397581	14.56%	0.960%
44	13.561	1974	1979	1983	rBV3	1568659	3259399	13.97%	0.921%
45	13.632	1989	1991	1993	rBV2	542801	622345	2.67%	0.176%
46	13.708	1998	2004	2008	rVV5	2314241	4494277	19.26%	1.270%
47	13.838	2022	2026	2028	rBV3	843295	1465264	6.28%	0.414%
48	13.885	2029	2034	2039	rBV2	12410806	22083684	94.66%	6.238%
49	13.991	2047	2052	2056	rBV4	3779130	6767965	29.01%	1.912%
50	14.208	2084	2089	2095	rBV7	3269595	6748021	28.93%	1.906%
51	14.279	2095	2101	2106	rBV5	5000552	9260498	39.69%	2.616%
52	14.332	2106	2110	2115	rBV4	2091958	4158807	17.83%	1.175%
53	14.396	2116	2121	2125	rBV2	13073946	23329239	100.00%	6.590%
54	14.508	2136	2140	2142	rBV2	1621749	2560738	10.98%	0.723%
55	14.561	2143	2149	2154	rVV5	7518085	14399244	61.72%	4.068%
56	14.749	2178	2181	2186	rBV6	2368892	3894064	16.69%	1.100%
57	14.814	2187	2192	2196	rVV3	5484134	10727807	45.98%	3.030%
58	14.867	2197	2201	2207	rVB5	6759352	12928727	55.42%	3.652%
59	15.079	2233	2237	2242	rVB2	6252214	10057258	43.11%	2.841%
60	15.143	2242	2248	2251	rBV3	2736704	5607772	24.04%	1.584%
61	15.191	2251	2256	2264	rVB6	4313010	9716007	41.65%	2.745%
62	15.285	2269	2272	2278	rVB3	5725272	10063639	43.14%	2.843%
63	15.355	2278	2284	2290	rVB	12291664	20870917	89.46%	5.896%
64	15.426	2291	2296	2301	rBV7	3918879	8840287	37.89%	2.497%
65	15.685	2333	2340	2347	rBV6	2383548	8046789	34.49%	2.273%
66	15.761	2350	2353	2359	rVB6	3181702	5570834	23.88%	1.574%
67	16.326	2445	2449	2457	rVB2	3636117	6578074	28.20%	1.858%
68	16.673	2502	2508	2522	rVB9	3020340	10868145	46.59%	3.070%

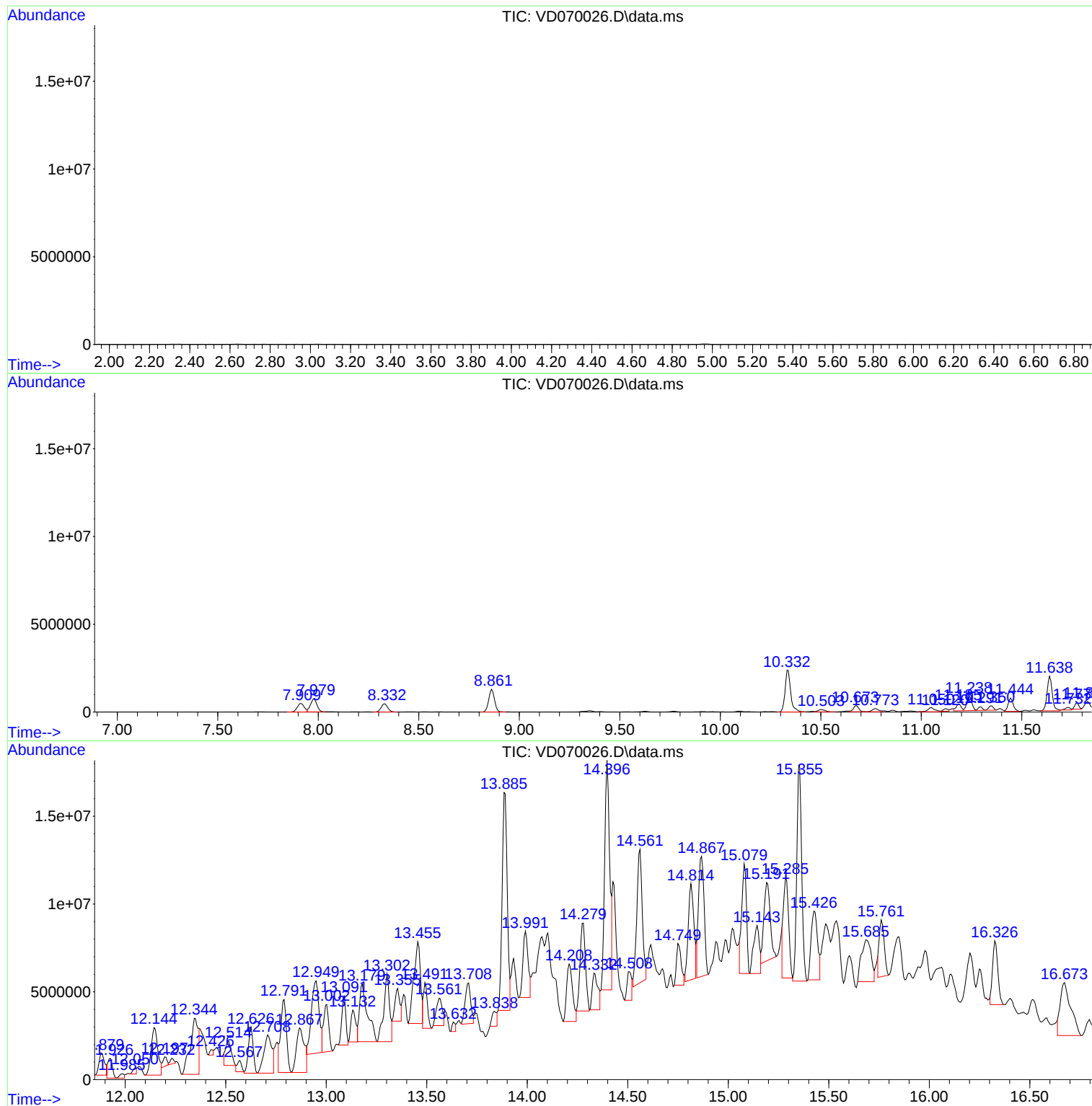
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LPA-1

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



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LPA-1

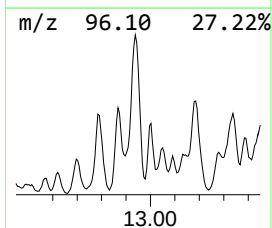
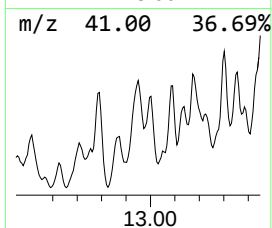
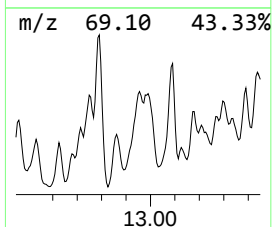
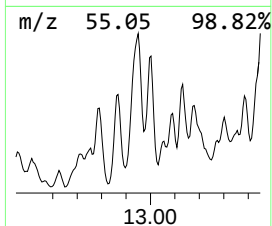
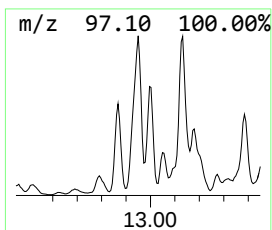
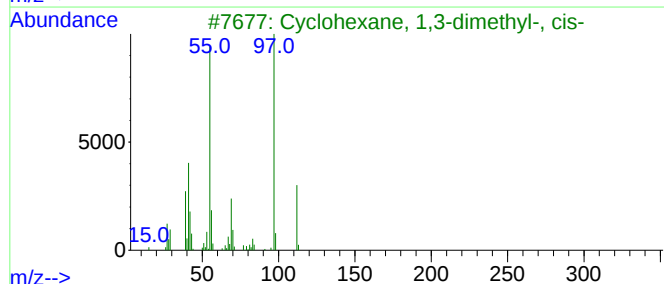
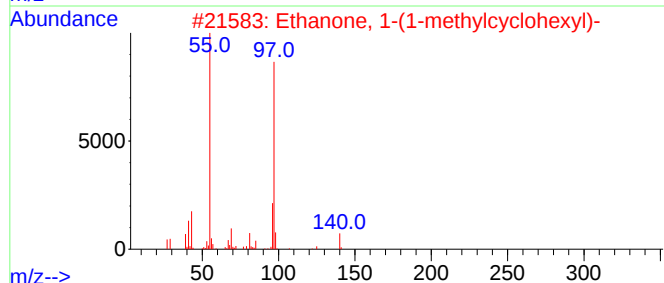
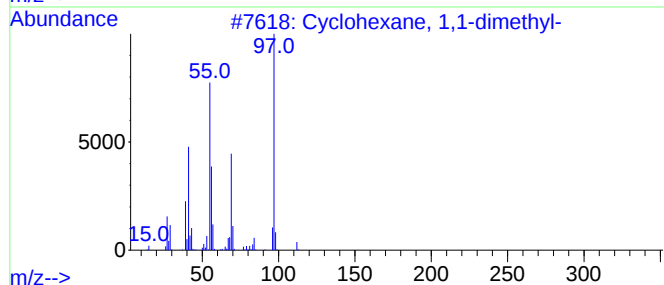
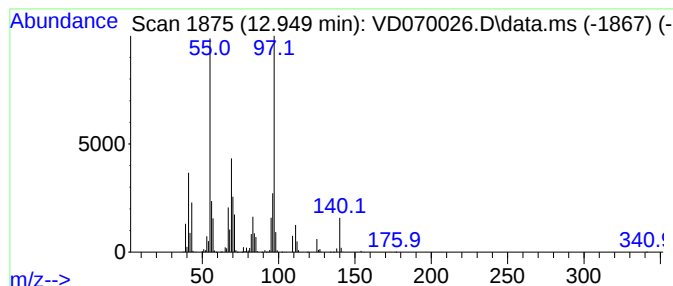
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 1 Cyclohexane, 1,1-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.950	171.84 ug/l	11201900	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	60
2			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	53
3			Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	52
4			Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	52
5			Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	49



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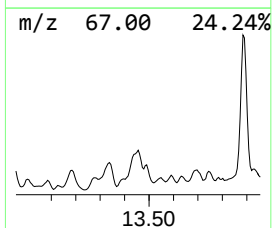
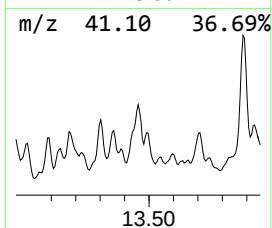
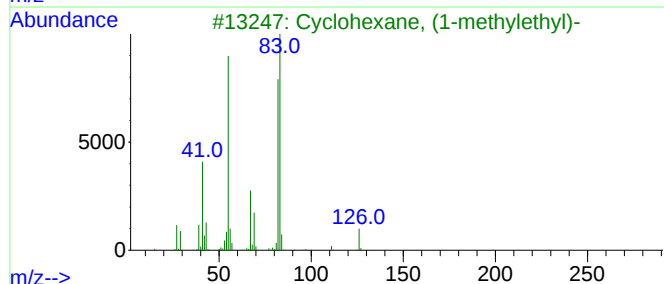
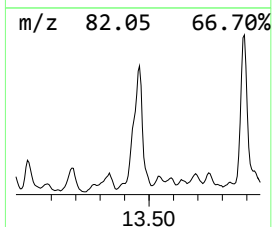
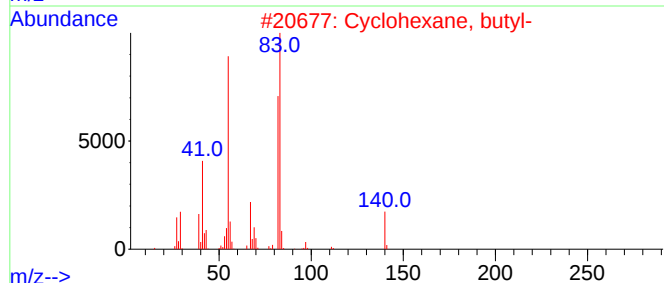
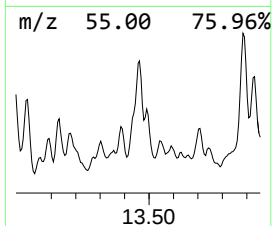
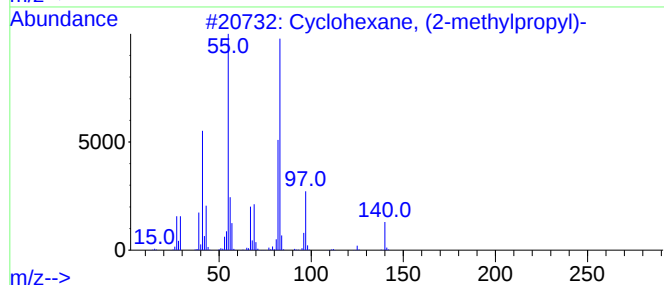
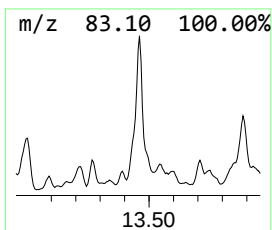
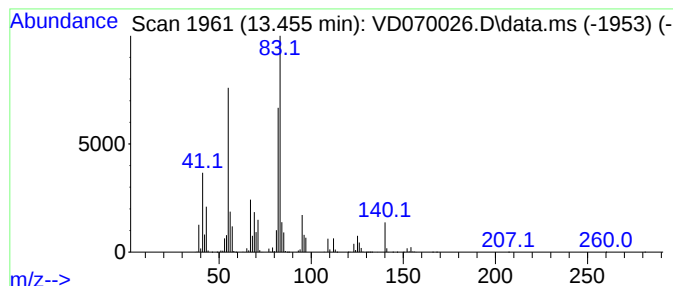
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, (2-methylpropyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.455	166.59 ug/l	10859800	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	83
2			Cyclohexane, butyl-	140	C10H20	001678-93-9	83
3			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	74
4			Cyclohexane, pentyl-	154	C11H22	004292-92-6	74
5			Cyclohexane, octyl-	196	C14H28	001795-15-9	72



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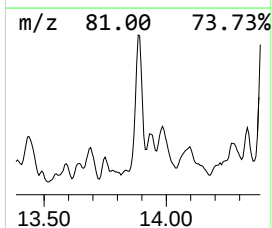
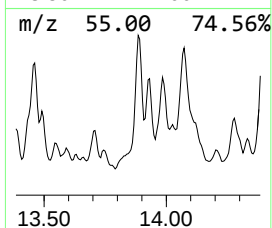
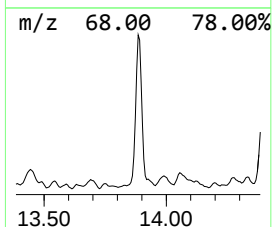
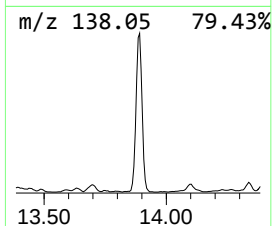
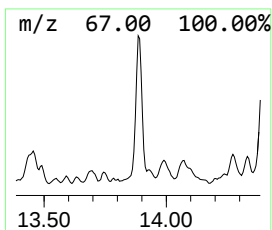
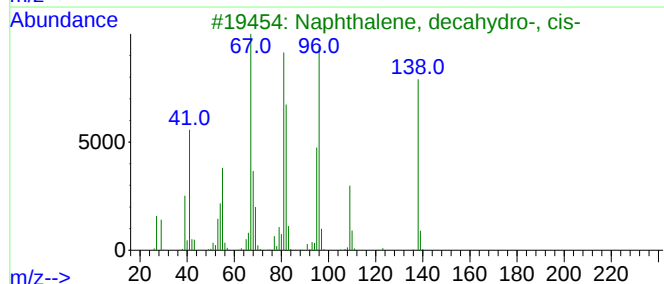
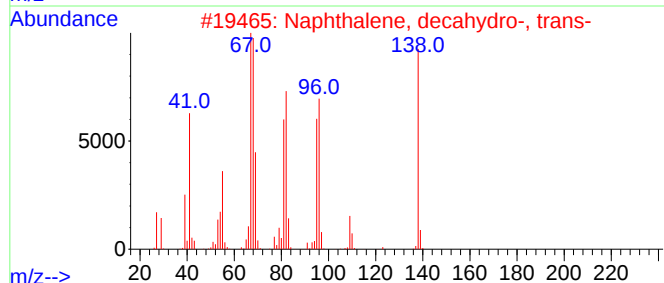
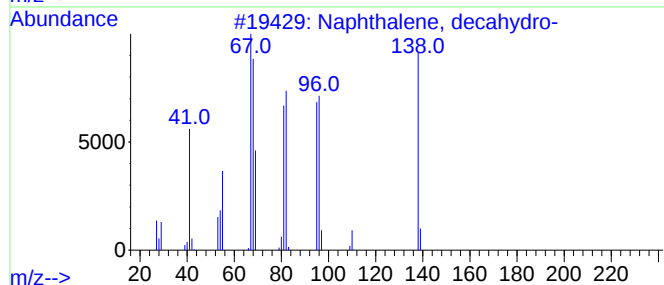
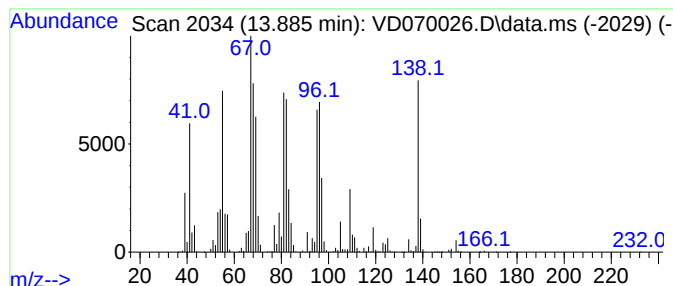
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TIC Library : C:\Database\NIST20.L
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Peak Number 3 Naphthalene, decahydro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.885	338.77 ug/l	22083700	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	94
3			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	93
4			Spiro[4.5]decane	138	C10H18	000176-63-6	87
5			Cyclodecene	138	C10H18	003618-12-0	70



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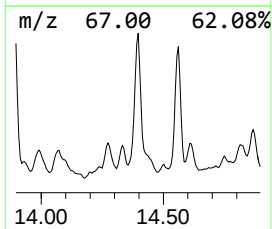
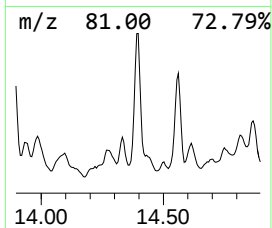
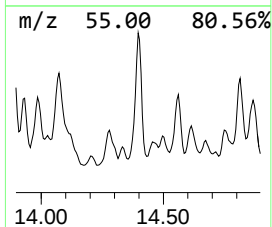
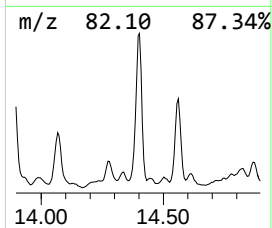
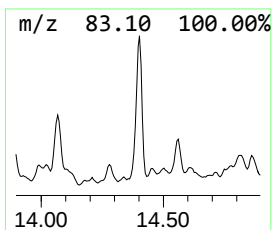
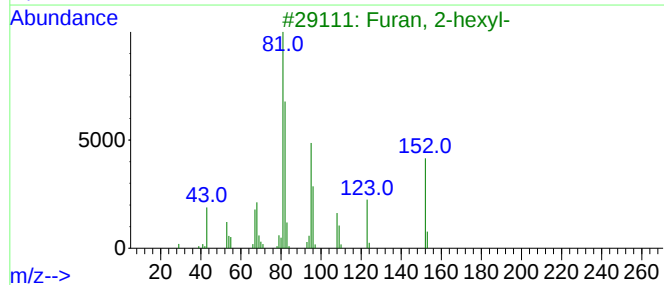
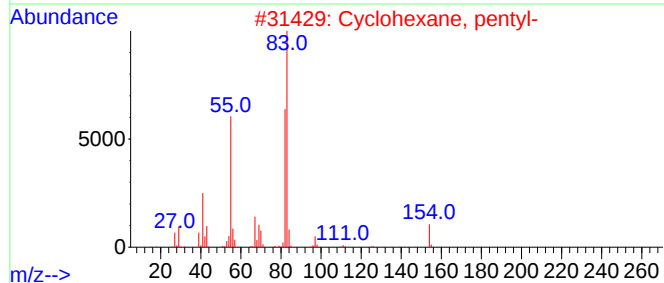
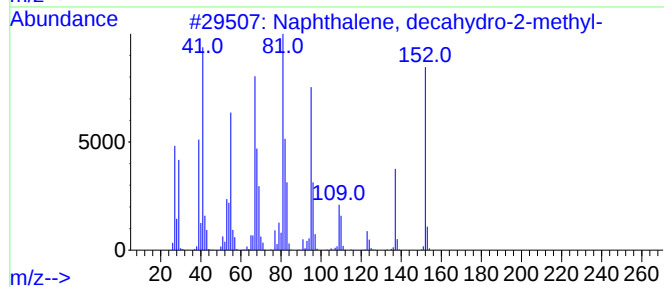
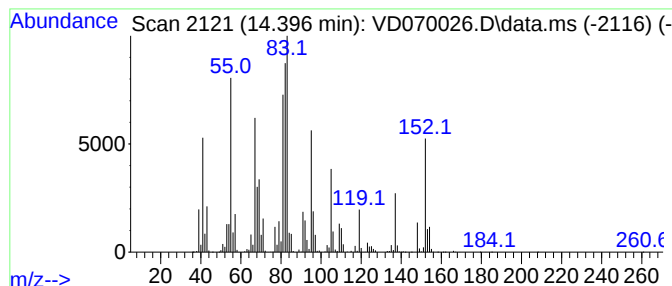
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Peak Number 4 Naphthalene, decahydro-2-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.396	357.88 ug/l	23329200	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	95
2			Cyclohexane, pentyl-	154	C11H22	004292-92-6	50
3			Furan, 2-hexyl-	152	C10H16O	003777-70-6	46
4			Dihydromyrcenol, trifluoroacetate	252	C12H19F3O2	1000463-72-2	43
5			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
Data File : VD070026.D
Acq On : 11 Aug 2021 16:32
Operator : VA/SY
Sample : M3346-01
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LPA-1

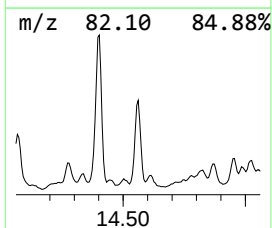
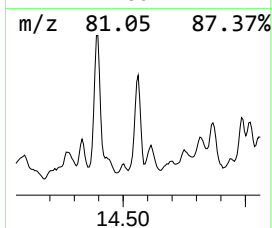
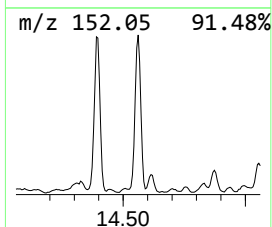
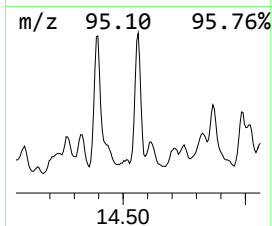
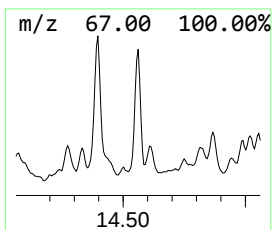
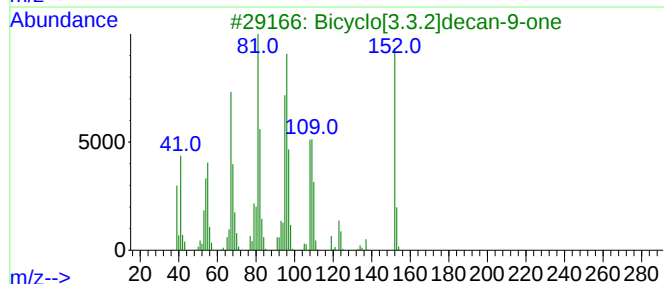
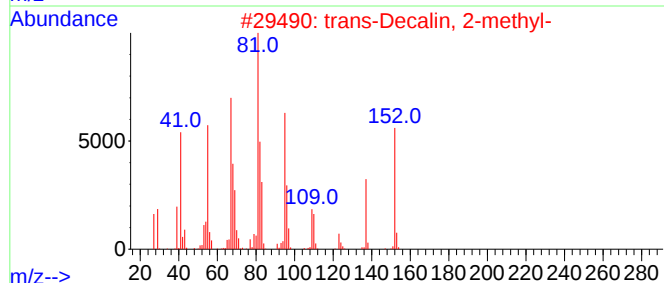
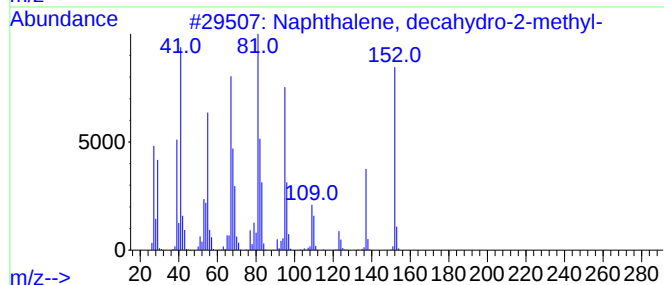
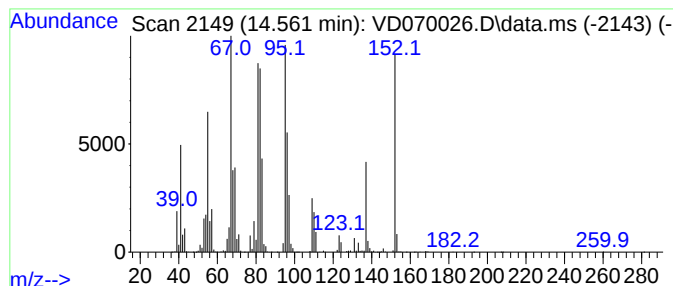
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Quant Title : SW846 8260

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

Peak Number 5 trans-Decalin, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.561	220.89 ug/l	14399200	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	76
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
3			Bicyclo[3.3.2]decan-9-one	152	C10H16O	028054-91-3	64
4			Spiro[5.5]undecane	152	C11H20	000180-43-8	49
5			Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
Data File : VD070026.D
Acq On : 11 Aug 2021 16:32
Operator : VA/SY
Sample : M3346-01
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LPA-1

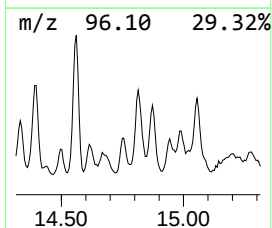
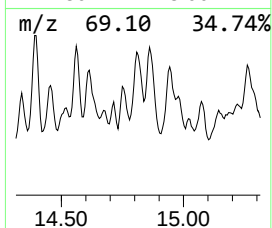
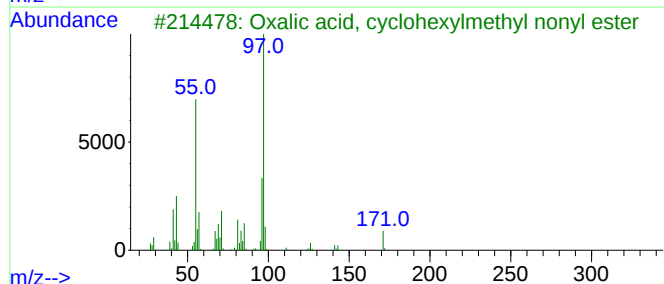
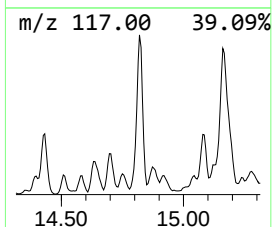
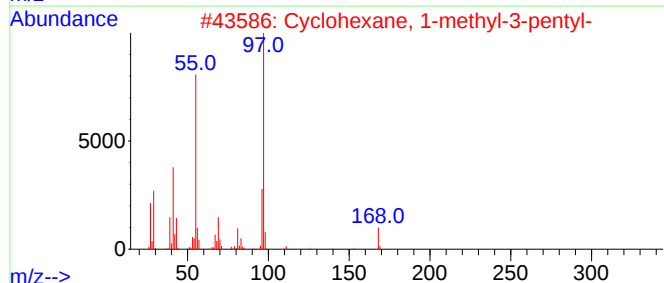
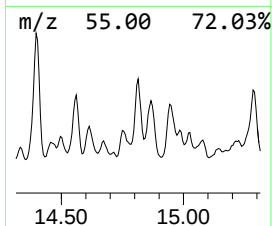
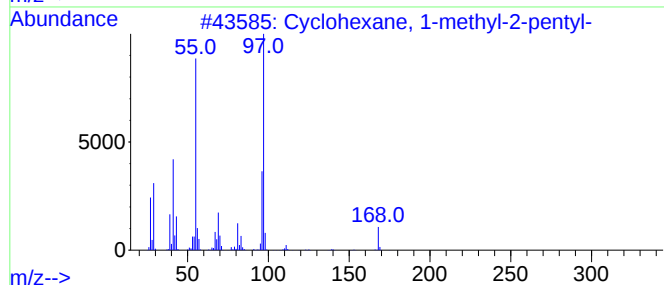
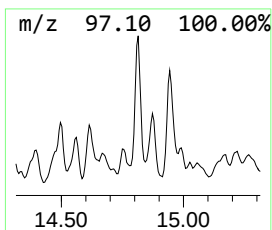
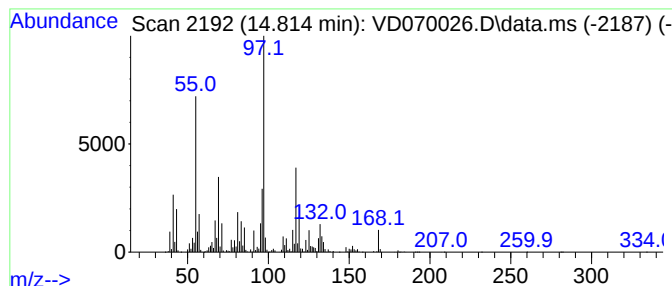
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Quant Title : SW846 8260

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

Peak Number 6 unknown14.814 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.814	164.57 ug/l	10727800	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	46
2			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	46
3			Oxalic acid, cyclohexylmethyl no...	312	C18H32O4	1000309-68-6	43
4			Cyclohexane, 1-methyl-4-(1-methy...	168	C12H24	054411-00-6	42
5			1H-Pyrazole-1-carboxaldehyde, 4-...	168	C9H16N2O	054411-09-5	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
Data File : VD070026.D
Acq On : 11 Aug 2021 16:32
Operator : VA/SY
Sample : M3346-01
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LPA-1

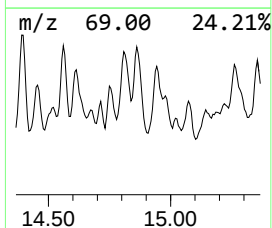
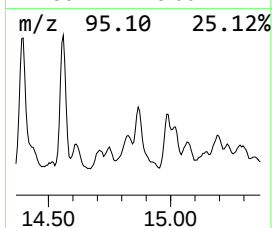
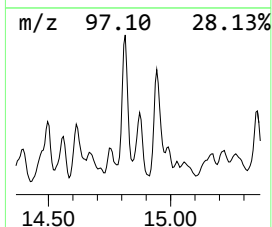
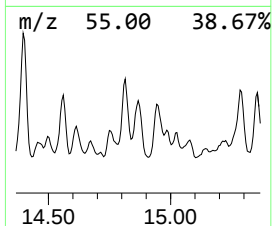
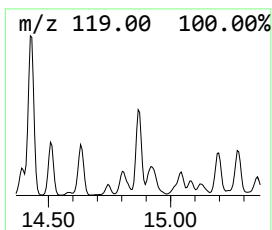
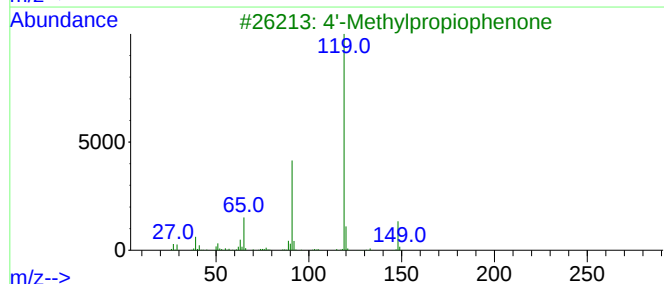
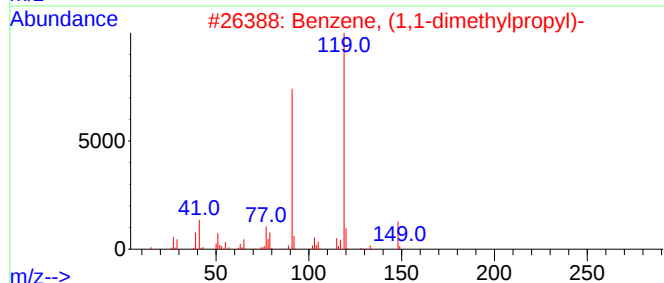
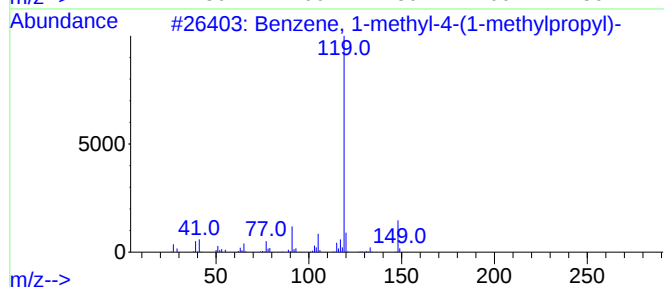
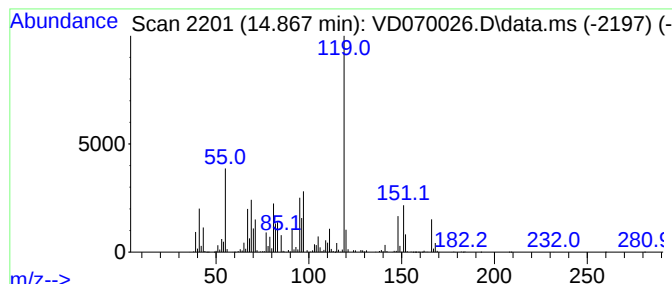
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.867 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.867	198.33 ug/l	12928700	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
2			Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	35
3			4'-Methylpropiophenone	148	C10H12O	005337-93-9	35
4			Diglycolic acid, 2-acetylphenyl ...	322	C17H22O6	1000382-72-0	35
5			Benzene, 1,1'-(1,1,2,2-tetrameth...	238	C18H22	001889-67-4	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
Data File : VD070026.D
Acq On : 11 Aug 2021 16:32
Operator : VA/SY
Sample : M3346-01
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LPA-1

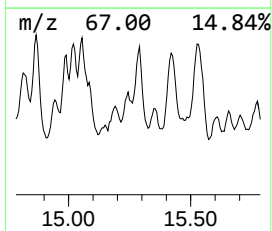
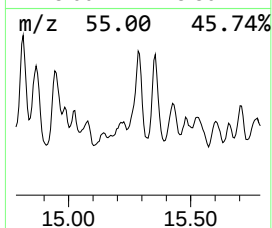
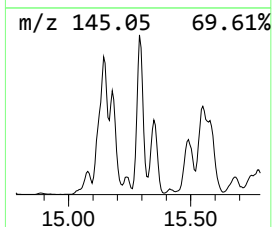
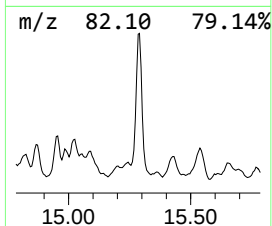
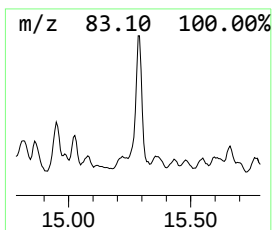
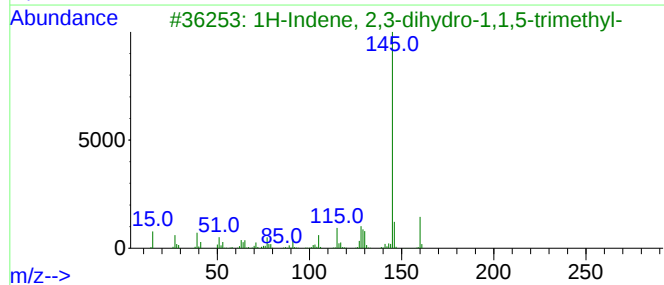
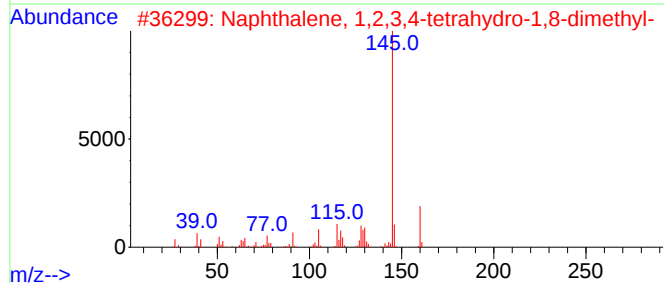
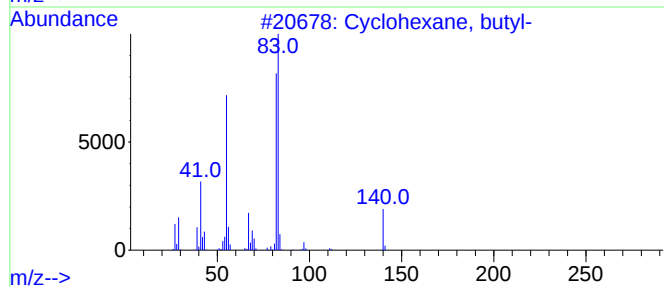
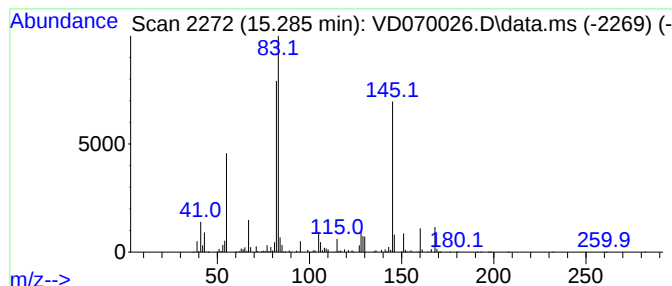
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.285 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.285	154.38 ug/l	10063600	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	47
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	35
3			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	35
4			1H-Indene, 2,3-dihydro-1,1,4-tri...	160	C12H16	016204-72-1	25
5			Oxalic acid, dicyclohexyl ester	254	C14H22O4	1000309-30-9	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
Data File : VD070026.D
Acq On : 11 Aug 2021 16:32
Operator : VA/SY
Sample : M3346-01
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LPA-1

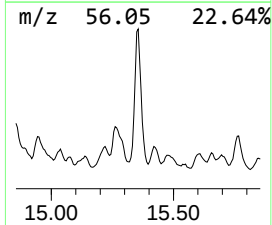
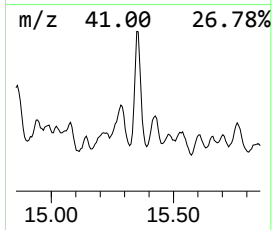
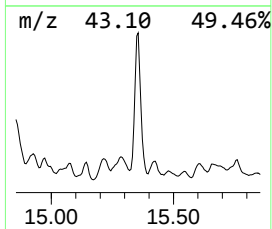
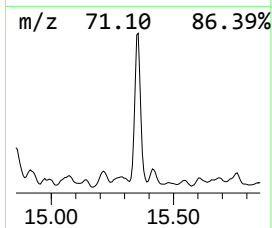
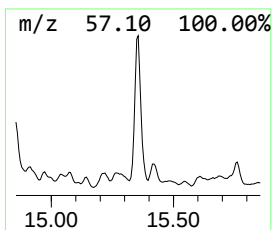
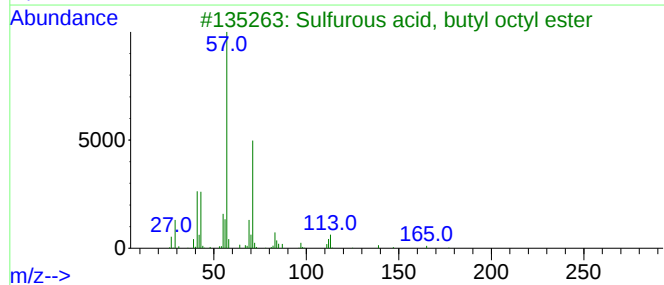
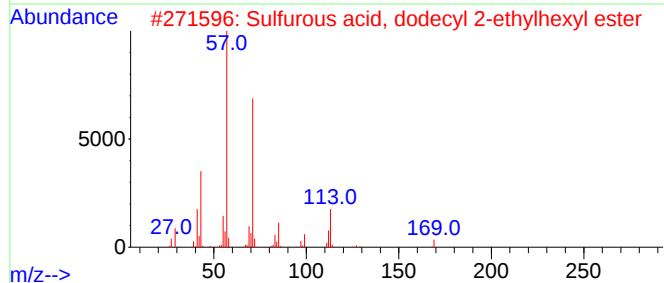
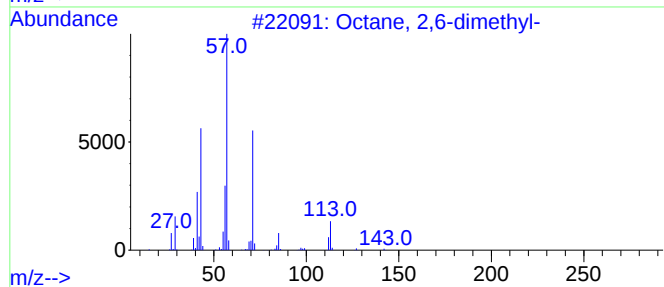
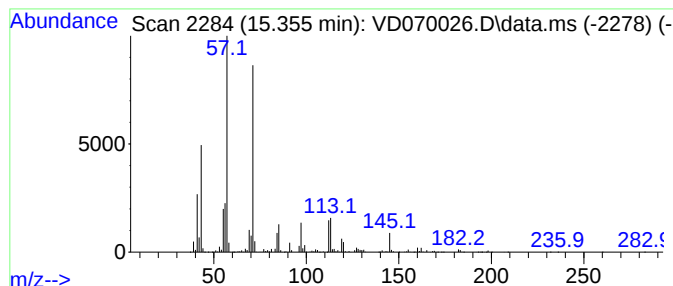
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Quant Title : SW846 8260

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

Peak Number 9 Octane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.355	320.17 ug/l	20870900	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
2			Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
3			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	59
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	53
5			Oxalic acid, isobutyl neopentyl ...	216	C11H20O4	1000309-72-6	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
Data File : VD070026.D
Acq On : 11 Aug 2021 16:32
Operator : VA/SY
Sample : M3346-01
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LPA-1

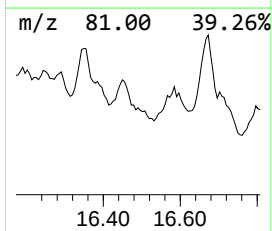
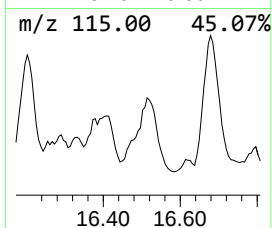
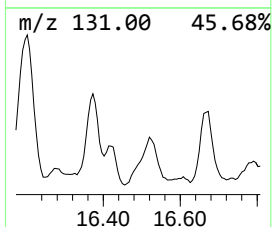
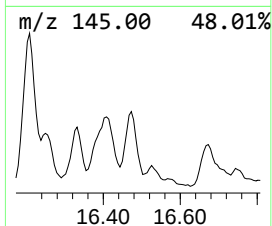
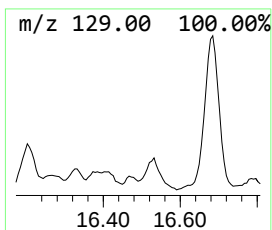
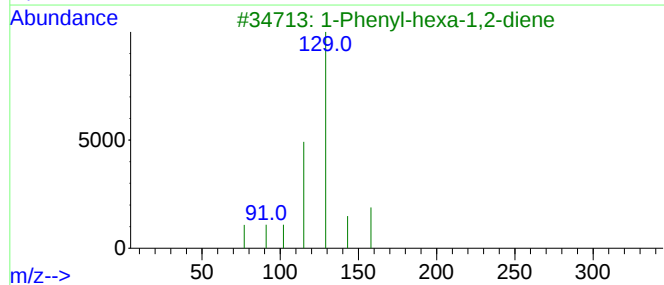
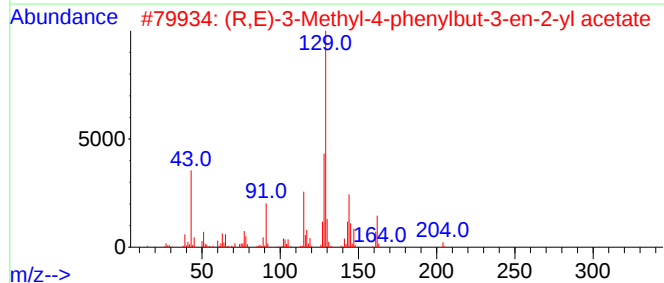
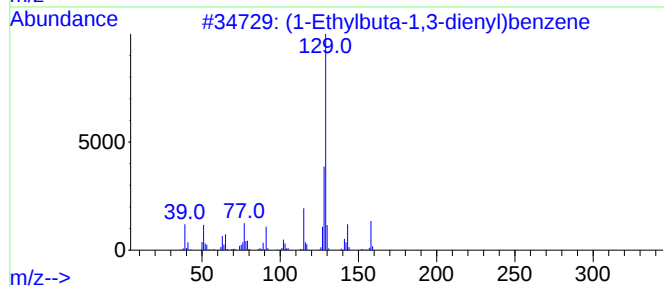
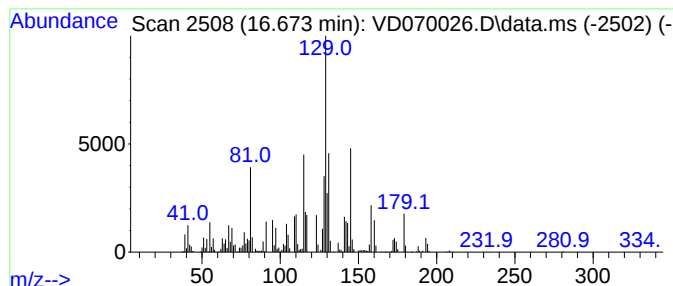
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Quant Title : SW846 8260

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

Peak Number 10 unknown16.673 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.673	166.72 ug/l	10868100	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(1-Ethylbuta-1,3-dienyl)benzene	158	C12H14	1000210-05-6	43
2			(R,E)-3-Methyl-4-phenylbut-3-en-...	204	C13H16O2	187735-90-6	37
3			1-Phenyl-hexa-1,2-diene	158	C12H14	1000146-04-1	32
4			1,4-Ethanonaphthalene, 1,2,3,4-t...	158	C12H14	004175-52-4	32
5			Fluorene, 1,2,3,4,4a,9a-hexahydr...	172	C13H16	001559-97-3	32



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081121\
Data File : VD070026.D
Acq On : 11 Aug 2021 16:32
Operator : VA/SY
Sample : M3346-01
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
LPA-1

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
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Cyclohexane, (2...	13.455	166.6	ug/l	10859800	4	13.567	3259400	50.0
Naphthalene, de...	13.885	338.8	ug/l	22083700	4	13.567	3259400	50.0
Naphthalene, de...	14.396	357.9	ug/l	23329200	4	13.567	3259400	50.0
trans-Decalin, ...	14.561	220.9	ug/l	14399200	4	13.567	3259400	50.0
unknown14.814	14.814	164.6	ug/l	10727800	4	13.567	3259400	50.0
unknown14.867	14.867	198.3	ug/l	12928700	4	13.567	3259400	50.0
unknown15.285	15.285	154.4	ug/l	10063600	4	13.567	3259400	50.0
Octane, 2,6-dim...	15.355	320.2	ug/l	20870900	4	13.567	3259400	50.0
unknown16.673	16.673	166.7	ug/l	10868100	4	13.567	3259400	50.0