

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
 Data File : VD069935.D
 Acq On : 30 Jul 2021 13:35
 Operator : VA/SY
 Sample : M3229-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOLID-A-E

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: VD069935.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.979	1024	1030	1037	rVB5	14429	30091	1.08%	0.110%
2	8.856	1173	1179	1185	rBV4	16945	34813	1.25%	0.127%
3	9.350	1253	1263	1270	rBV4	31292	66040	2.38%	0.241%
4	10.332	1424	1430	1435	rBV3	53547	103478	3.72%	0.377%
5	10.503	1454	1459	1469	rVB9	11350	31704	1.14%	0.116%
6	10.673	1483	1488	1495	rVB3	23152	40458	1.46%	0.147%
7	10.773	1495	1505	1508	rBV7	15480	33602	1.21%	0.122%
8	10.944	1528	1534	1540	rBV4	24294	41963	1.51%	0.153%
9	11.050	1544	1552	1560	rBV	24327	51040	1.84%	0.186%
10	11.185	1567	1575	1580	rVV2	51161	95616	3.44%	0.348%
11	11.238	1580	1584	1590	rVB2	49184	87742	3.16%	0.320%
12	11.350	1598	1603	1607	rBV3	36709	63388	2.28%	0.231%
13	11.414	1607	1614	1615	rVV3	26317	54466	1.96%	0.198%
14	11.444	1617	1619	1626	rVB3	38005	53495	1.92%	0.195%
15	11.520	1626	1632	1639	rBV	41914	77275	2.78%	0.282%
16	11.638	1643	1652	1657	rBV2	27156	51347	1.85%	0.187%
17	11.826	1678	1684	1688	rBV6	26427	51058	1.84%	0.186%
18	11.879	1688	1693	1698	rBV2	92618	172379	6.20%	0.628%
19	11.926	1698	1701	1706	rVB4	65089	99998	3.60%	0.364%
20	12.073	1717	1726	1731	rBV5	52980	101504	3.65%	0.370%
21	12.144	1731	1738	1745	rBV3	167510	396890	14.28%	1.446%
22	12.261	1750	1758	1763	rVB	223305	351678	12.65%	1.281%
23	12.344	1763	1772	1774	rBV5	165947	377472	13.58%	1.375%
24	12.385	1775	1779	1785	rVB4	184161	389143	14.00%	1.418%
25	12.514	1789	1801	1804	rBV4	137982	382440	13.76%	1.393%
26	12.549	1804	1807	1815	rVB2	284526	498686	17.94%	1.817%
27	12.626	1815	1820	1823	rBV5	80550	133170	4.79%	0.485%
28	12.661	1823	1826	1830	rVB2	78881	93802	3.37%	0.342%
29	12.708	1830	1834	1839	rBV7	63169	115415	4.15%	0.420%
30	12.791	1843	1848	1855	rVB3	233777	526380	18.94%	1.918%
31	12.867	1855	1861	1866	rBV6	115115	264438	9.51%	0.963%
32	12.949	1867	1875	1880	rBV4	364891	870113	31.31%	3.170%
33	13.002	1880	1884	1889	rVB2	228440	375294	13.50%	1.367%
34	13.055	1889	1893	1894	rBV3	30542	36494	1.31%	0.133%
35	13.091	1894	1899	1902	rBV4	229555	327929	11.80%	1.195%
36	13.138	1902	1907	1909	rBV3	229713	356931	12.84%	1.300%

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

37	13.173	1909	1913	1920	rVB	838090	1260349	45.35%	4.592%
38	13.302	1931	1935	1940	rBV	201717	274105	9.86%	0.999%
39	13.355	1940	1944	1947	rBV3	183719	301598	10.85%	1.099%
40	13.455	1953	1961	1965	rBV4	593701	1209004	43.50%	4.405%
41	13.496	1965	1968	1971	rVV2	502058	695473	25.02%	2.534%
42	13.532	1971	1974	1980	rVB2	243715	353783	12.73%	1.289%
43	13.602	1982	1986	1988	rBV5	70704	101973	3.67%	0.372%
44	13.632	1988	1991	1998	rVB5	121736	186077	6.69%	0.678%
45	13.708	1998	2004	2018	rVB7	198765	684603	24.63%	2.494%
46	13.832	2019	2025	2028	rBV2	142561	263185	9.47%	0.959%
47	13.891	2029	2035	2039	rBV2	789950	1461427	52.58%	5.324%
48	13.932	2039	2042	2046	rVV4	349316	534815	19.24%	1.948%
49	13.991	2047	2052	2056	rVV4	351745	711887	25.61%	2.594%
50	14.044	2056	2061	2067	rVV7	424668	1208912	43.50%	4.404%
51	14.102	2068	2071	2075	rVV	653746	1067340	38.40%	3.889%
52	14.144	2076	2078	2084	rVB3	372099	549831	19.78%	2.003%
53	14.214	2084	2090	2095	rBV4	367651	672936	24.21%	2.452%
54	14.273	2096	2100	2106	rVB5	297070	496851	17.88%	1.810%
55	14.332	2106	2110	2111	rBV3	150771	168333	6.06%	0.613%
56	14.355	2112	2114	2116	rVV2	184624	233337	8.40%	0.850%
57	14.396	2116	2121	2136	rVB4	1112390	2779366	100.00%	10.126%
58	14.508	2136	2140	2143	rBV3	156293	273366	9.84%	0.996%
59	14.561	2144	2149	2154	rVB5	446851	701858	25.25%	2.557%
60	14.755	2178	2182	2186	rVV6	97539	141540	5.09%	0.516%
61	14.814	2186	2192	2196	rVV3	699993	1428321	51.39%	5.204%
62	14.855	2196	2199	2207	rVB2	694742	1369918	49.29%	4.991%
63	15.079	2234	2237	2242	rVB5	278358	433377	15.59%	1.579%
64	15.191	2251	2256	2263	rVB4	204672	455296	16.38%	1.659%
65	15.349	2278	2283	2289	rVB4	207445	377494	13.58%	1.375%
66	15.432	2292	2297	2302	rVV8	90298	185812	6.69%	0.677%
67	16.667	2505	2507	2516	rVB10	14608	28025	1.01%	0.102%

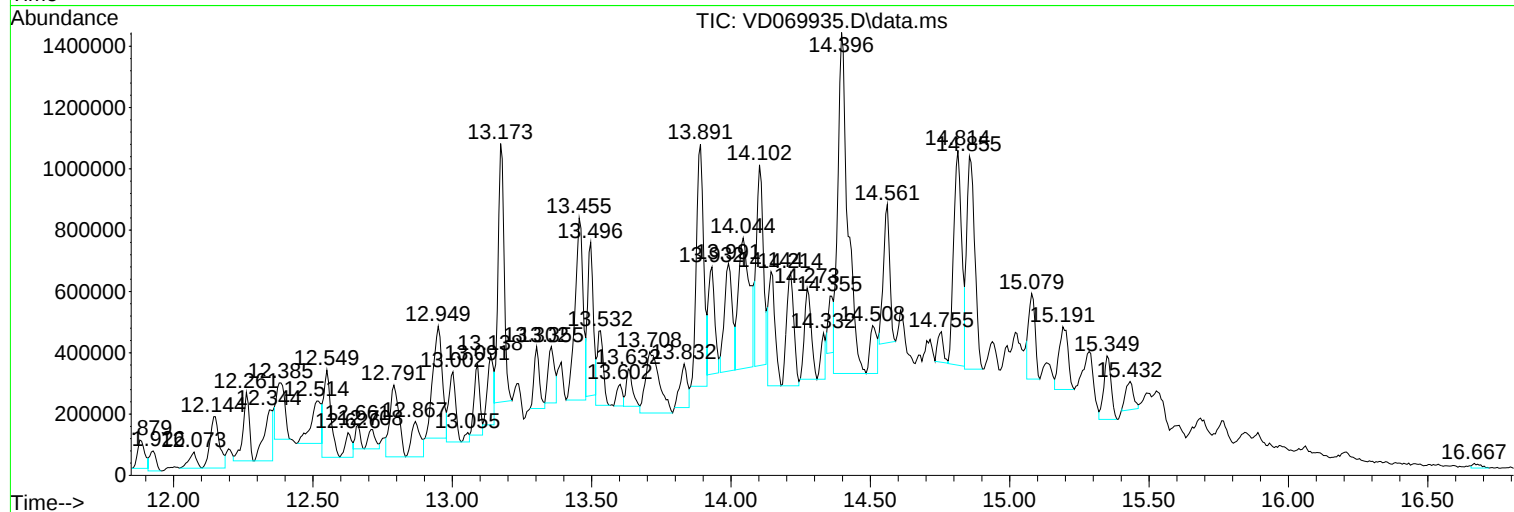
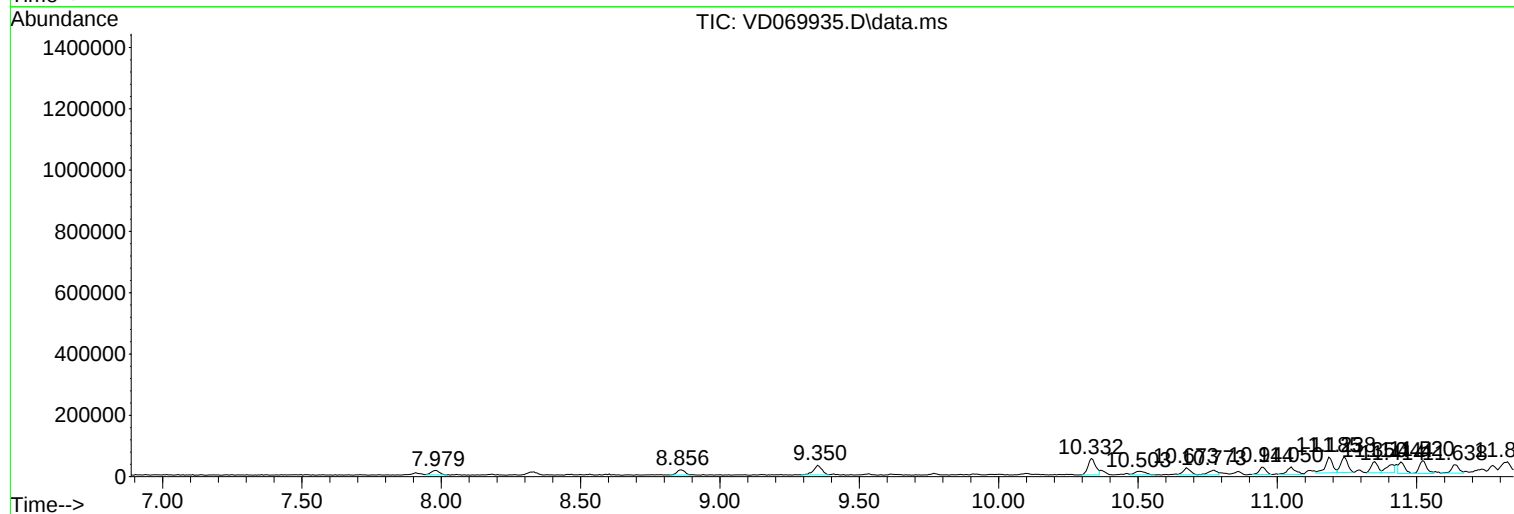
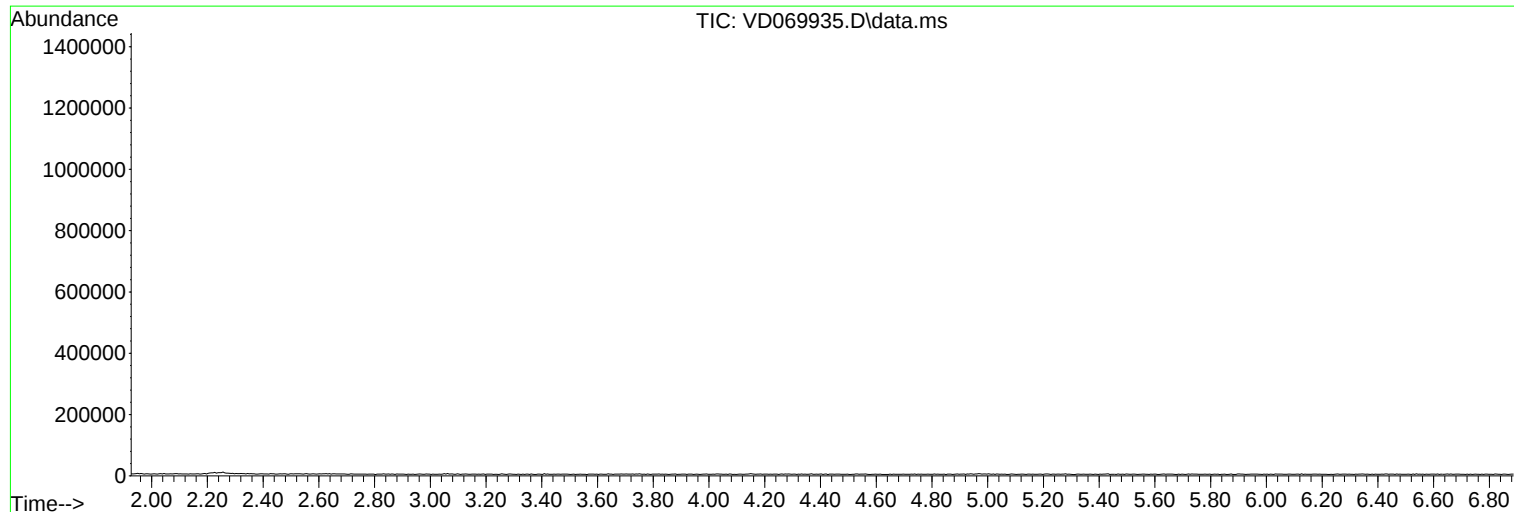
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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



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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SOLID-A-E

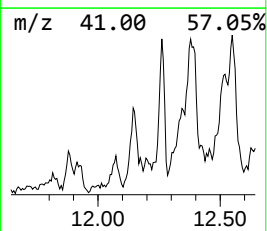
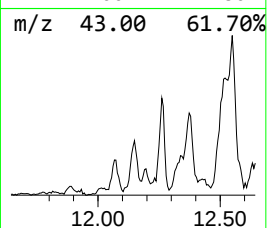
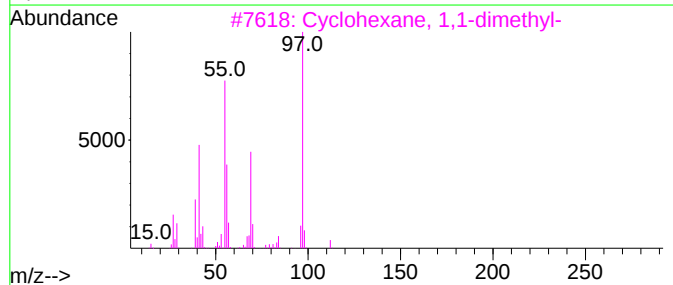
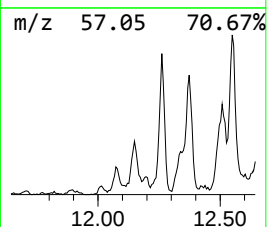
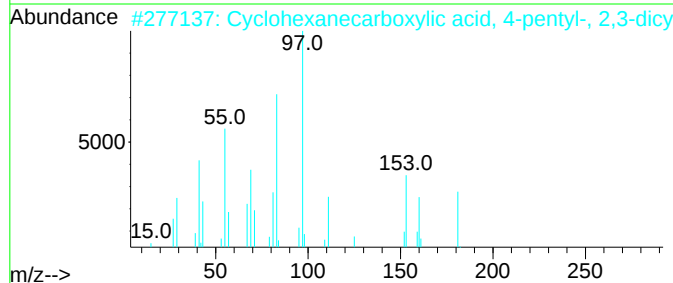
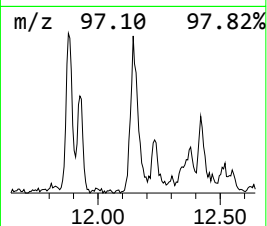
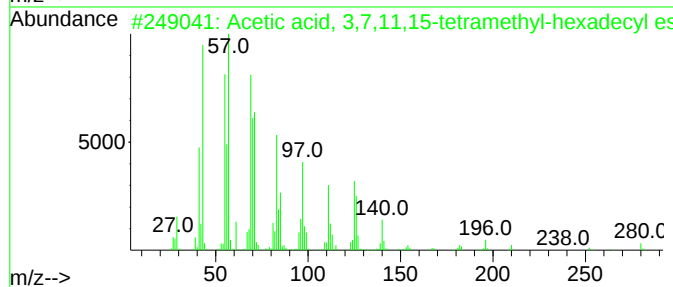
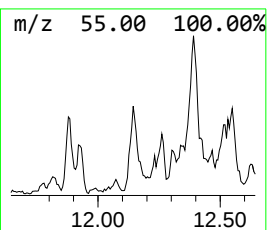
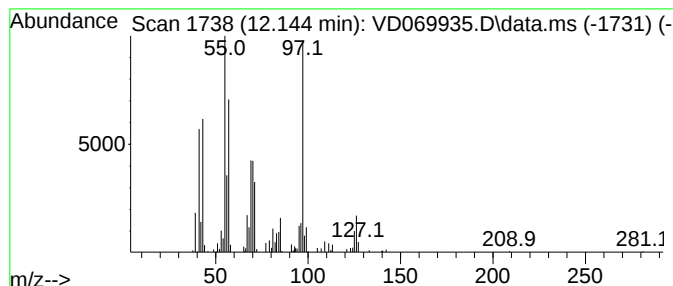
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 1 unknown12.144 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.144	386.48 ug/l	396890	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 3,7,11,15-tetrameth...	340	C22H44O2	1000193-63-0	46
2			Cyclohexanecarboxylic acid, 4-pe...	368	C22H28N2O3	133856-87-8	43
3			Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	43
4			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	38
5			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	38



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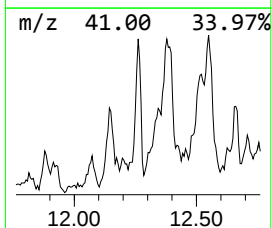
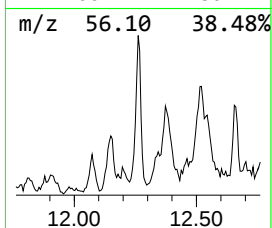
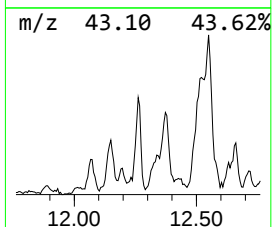
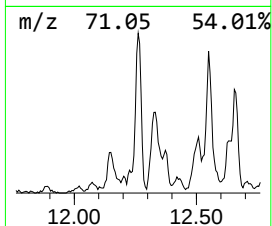
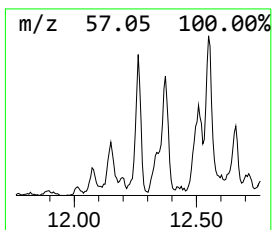
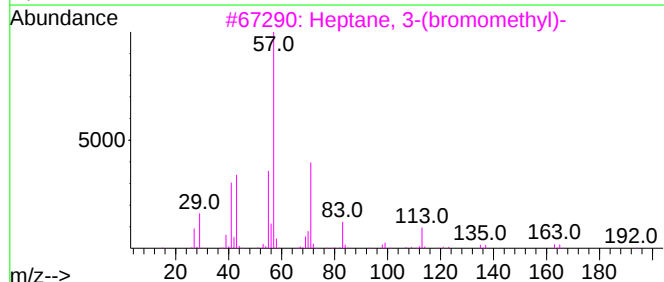
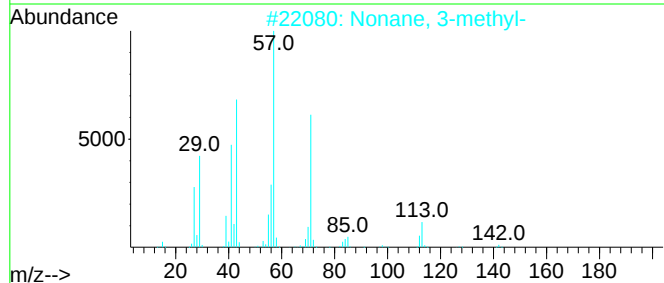
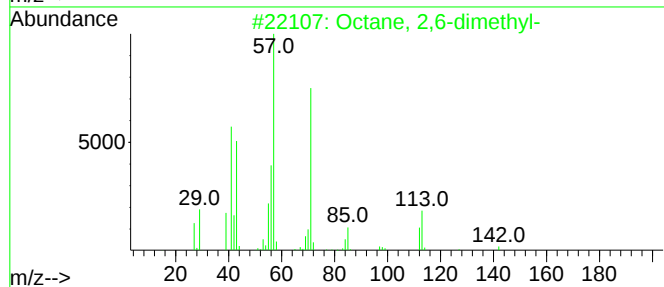
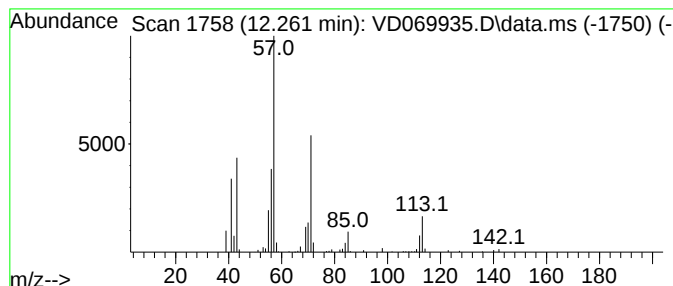
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.261	342.45 ug/l	351678	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	94
2			Nonane, 3-methyl-	142	C10H22	005911-04-6	58
3			Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	50
4			Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	50
5			Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	47



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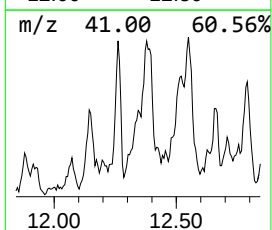
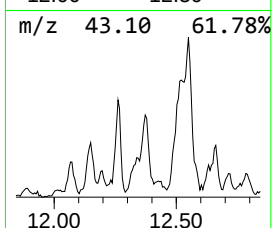
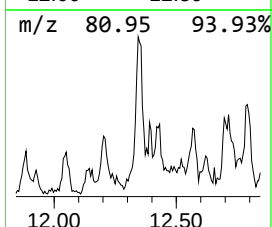
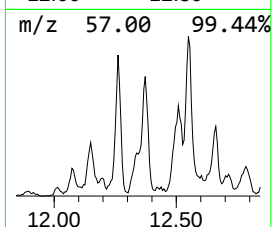
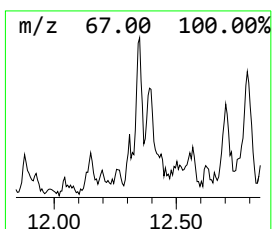
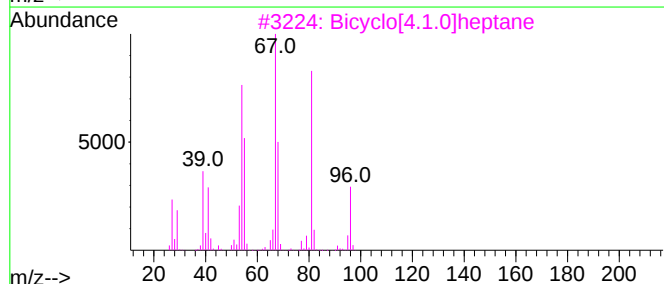
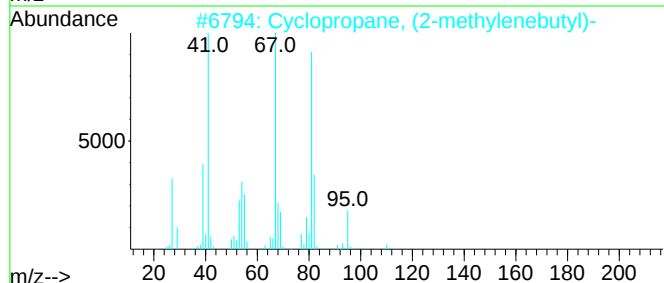
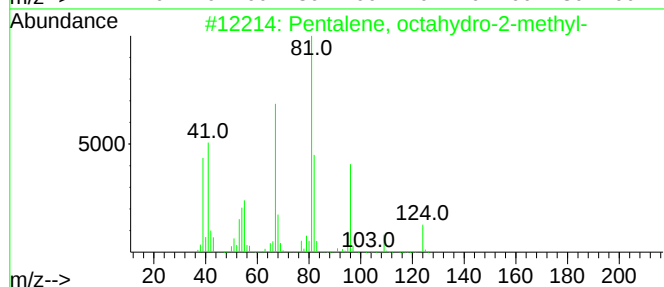
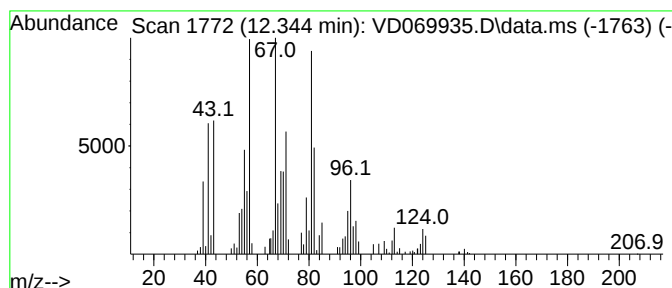
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown12.344 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.344	367.57 ug/l	377472	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	49
2			Cyclopropane, (2-methylenebutyl)-	110	C8H14	074685-56-6	46
3			Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	46
4			Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	43
5			Cyclohexene,3-propyl-	124	C9H16	003983-06-0	43



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Instrument :
MSVOA_D
ClientSampled :
SOLID-A-E

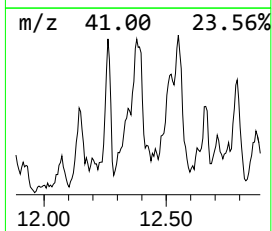
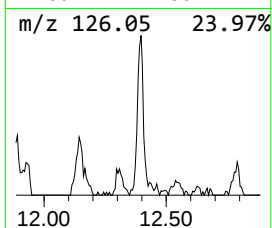
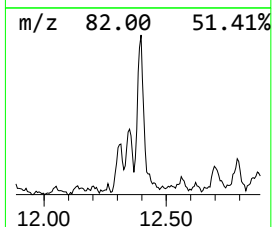
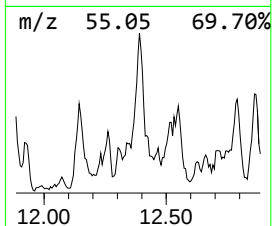
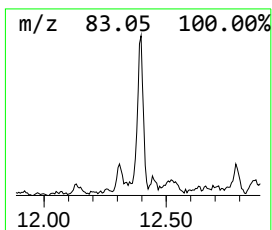
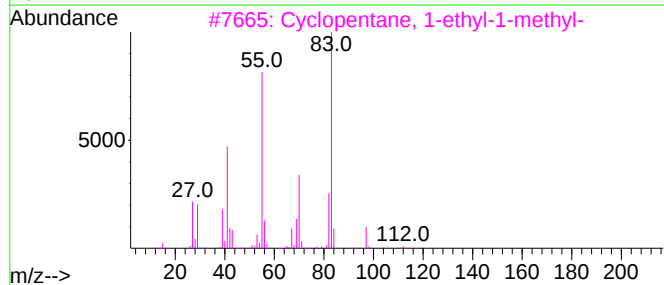
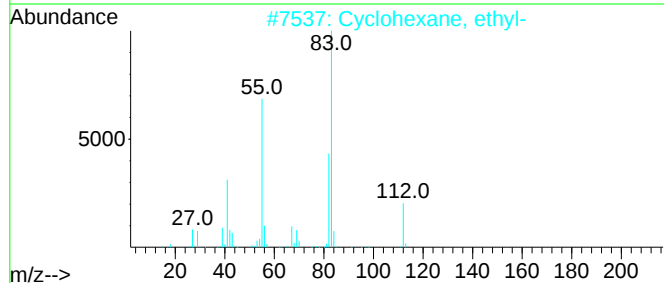
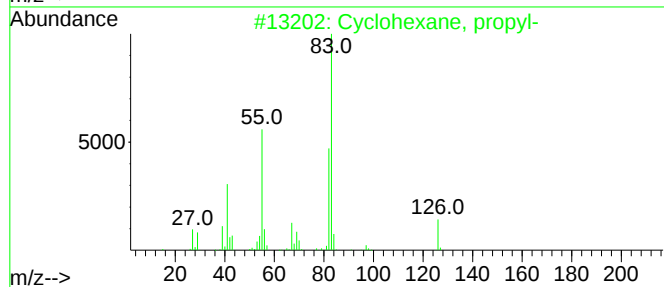
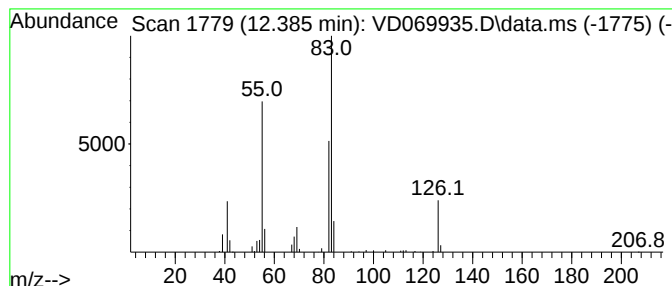
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 4 Cyclohexane, propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.385	378.94 ug/l	389143	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	90
2			Cyclohexane, ethyl-	112	C8H16	001678-91-7	72
3			Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	53
4			Cyclohexanone, 2,3-dimethyl-	126	C8H14O	013395-76-1	53
5			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
Data File : VD069935.D
Acq On : 30 Jul 2021 13:35
Operator : VA/SY
Sample : M3229-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SOLID-A-E

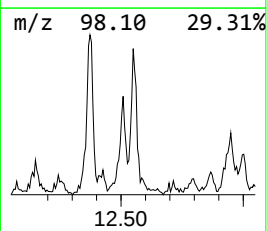
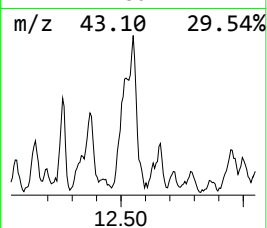
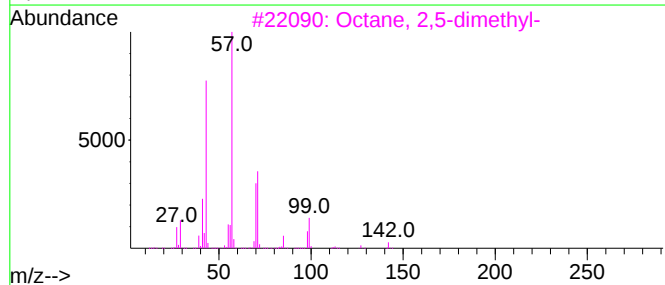
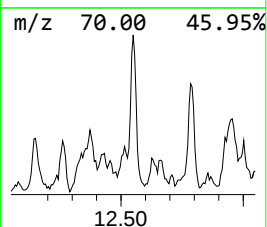
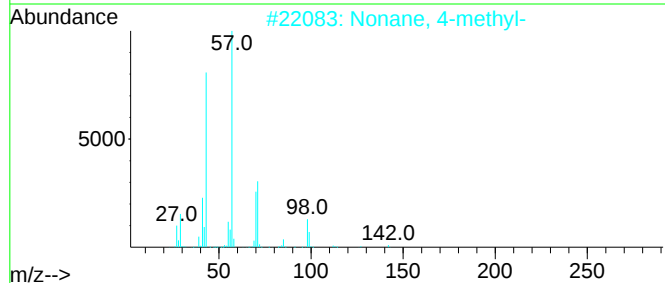
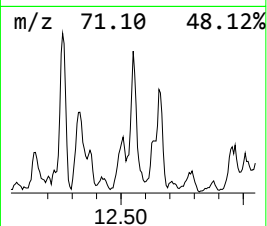
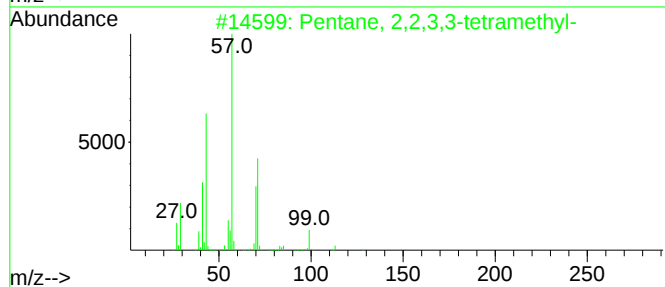
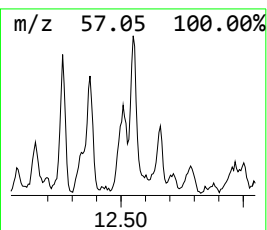
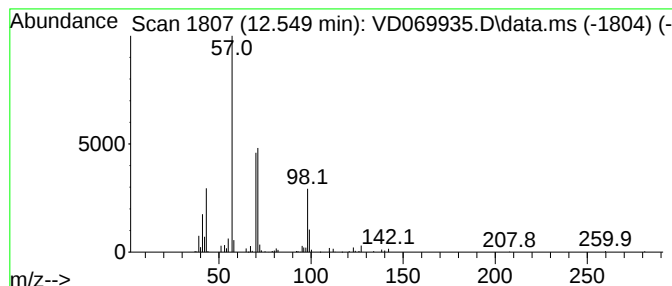
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Quant Title : SW846 8260

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

Peak Number 5 Pentane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.550	485.60 ug/l	498686	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
2			Nonane, 4-methyl-	142	C10H22	017301-94-9	59
3			Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	50
4			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	50
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
Data File : VD069935.D
Acq On : 30 Jul 2021 13:35
Operator : VA/SY
Sample : M3229-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SOLID-A-E

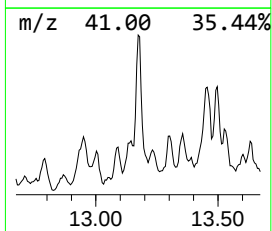
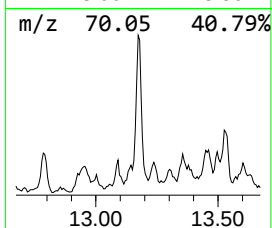
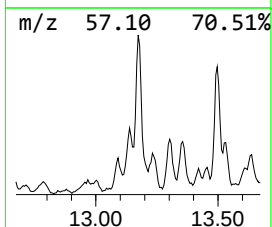
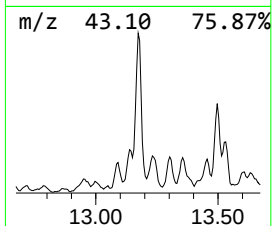
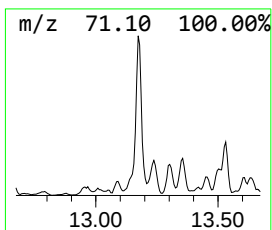
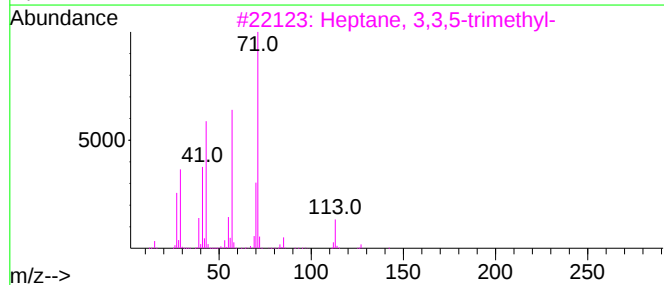
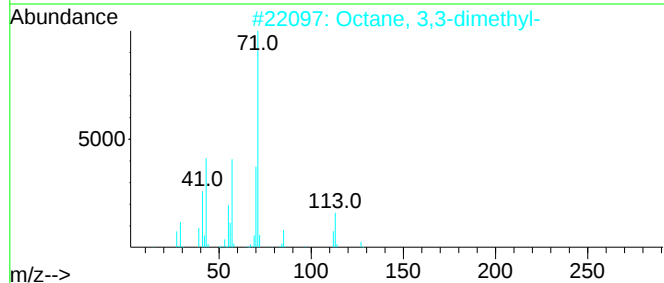
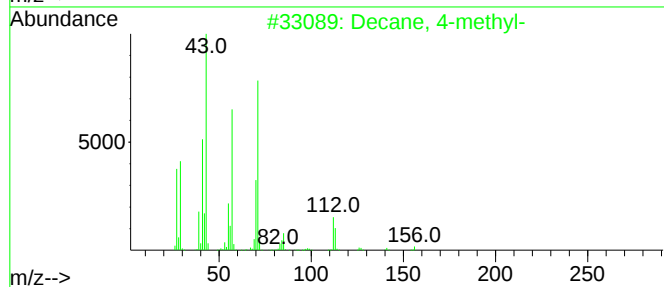
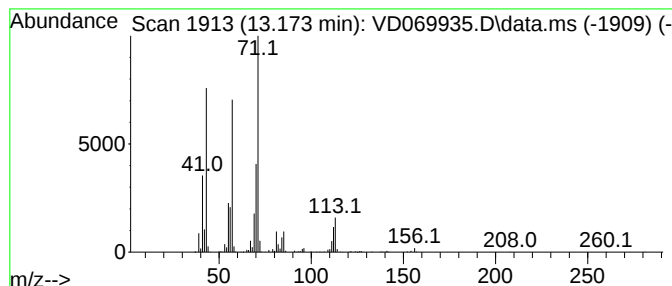
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Quant Title : SW846 8260

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

Peak Number 6 Decane, 4-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.173	178.13 ug/l	1260350	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	80
2			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
3			Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	64
4			Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	64
5			4-Methyl-3-heptanol, trifluoroac...	226	C10H17F3O2	1000365-51-8	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
Data File : VD069935.D
Acq On : 30 Jul 2021 13:35
Operator : VA/SY
Sample : M3229-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

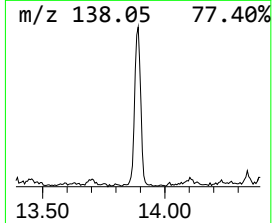
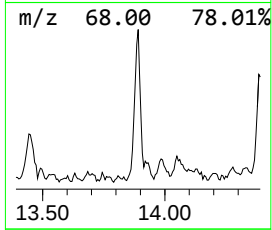
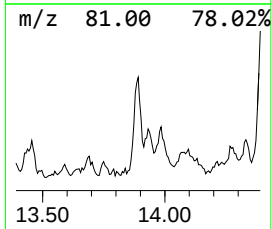
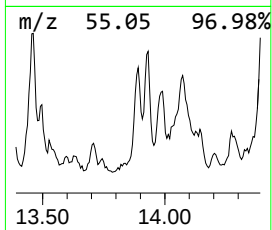
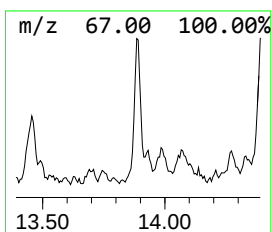
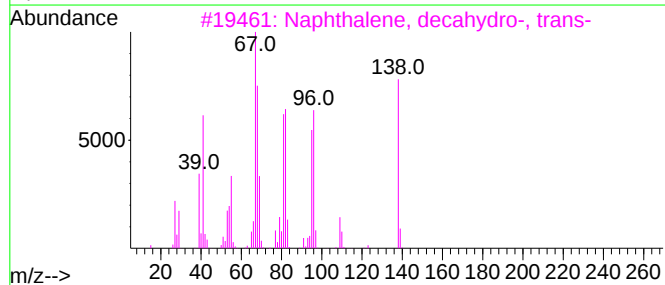
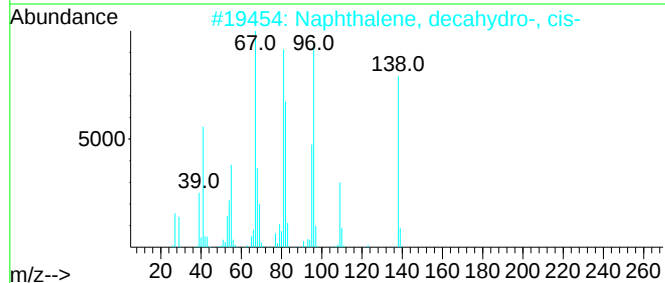
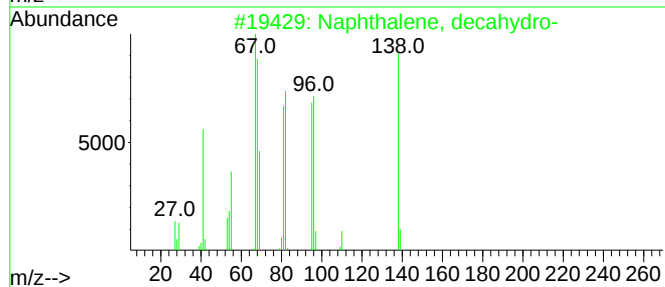
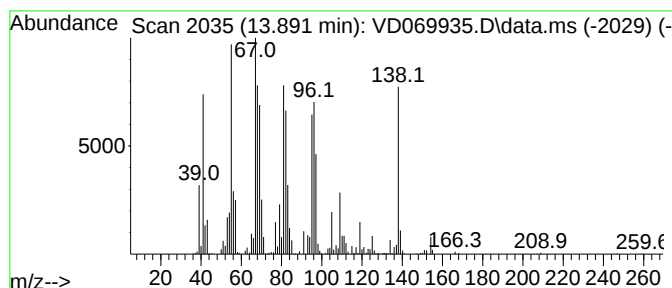
Instrument :
MSVOA_D
ClientSampleId :
SOLID-A-E

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 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.891	206.54 ug/l	1461430	1,4-Dichlorobenzene-d4	13.561	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-	138	C10H18	000091-17-8	96
2	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	94
3	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	89
4	Spiro[4.5]decane	138	C10H18	000176-63-6	81
5	Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	68



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
Data File : VD069935.D
Acq On : 30 Jul 2021 13:35
Operator : VA/SY
Sample : M3229-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SOLID-A-E

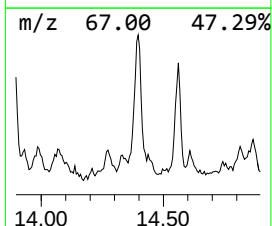
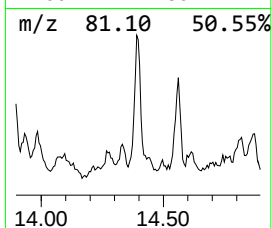
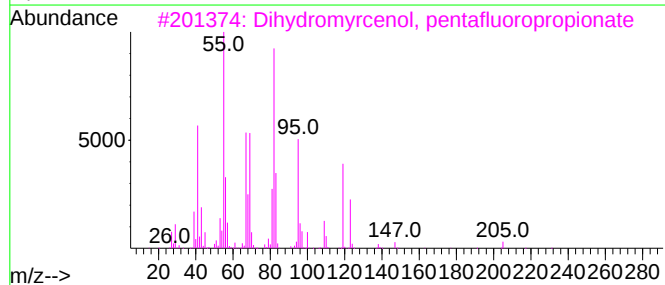
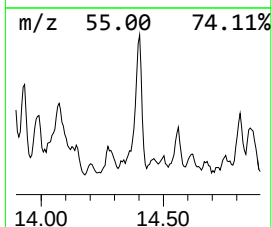
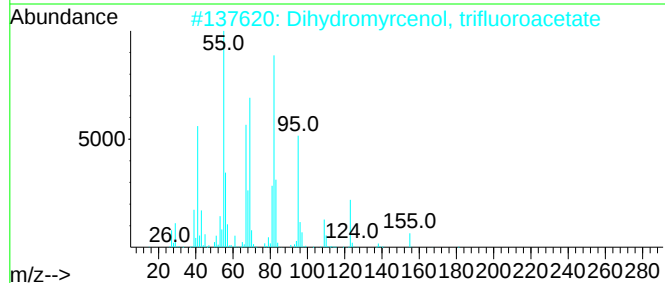
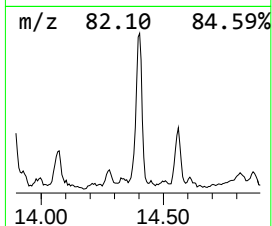
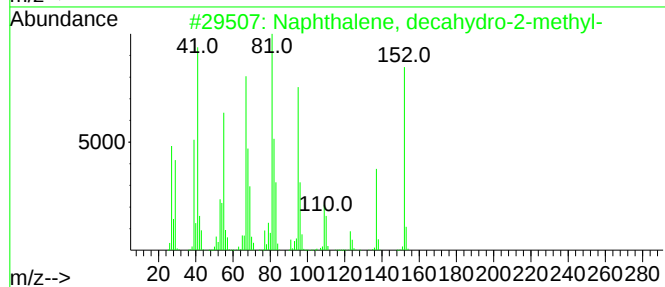
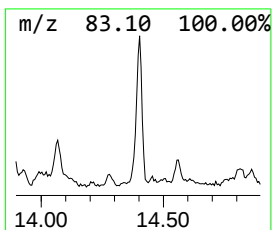
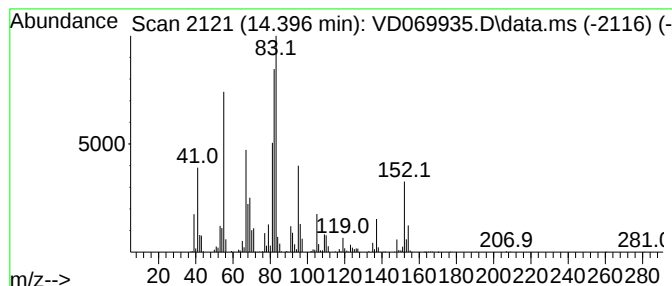
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Quant Title : SW846 8260

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.397	392.81 ug/l	2779370	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	83
2			Dihydromyrcenol, trifluoroacetate	252	C12H19F3O2	1000463-72-2	58
3			Dihydromyrcenol, pentafluoroprop...	302	C13H19F5O2	1000463-72-1	53
4			Dihydromyrcenol, heptafluorobuty...	352	C14H19F7O2	1000463-72-0	53
5			Cyclohexane, 1,1'-(1,3-propanedi...	208	C15H28	003178-24-3	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
Data File : VD069935.D
Acq On : 30 Jul 2021 13:35
Operator : VA/SY
Sample : M3229-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SOLID-A-E

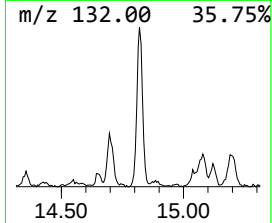
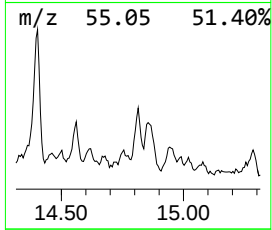
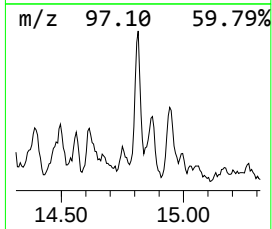
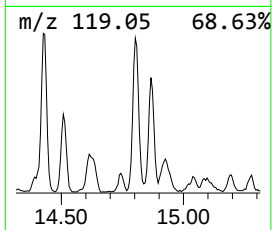
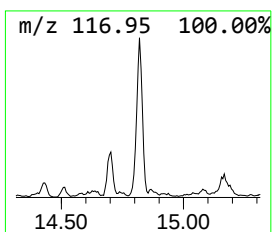
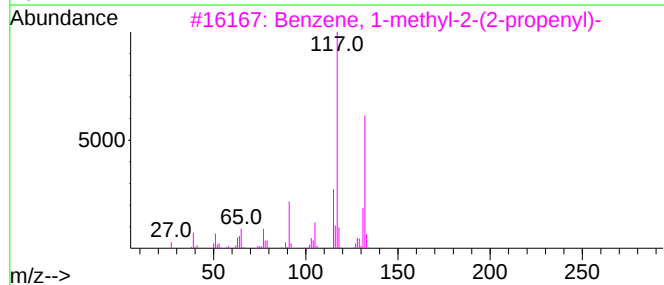
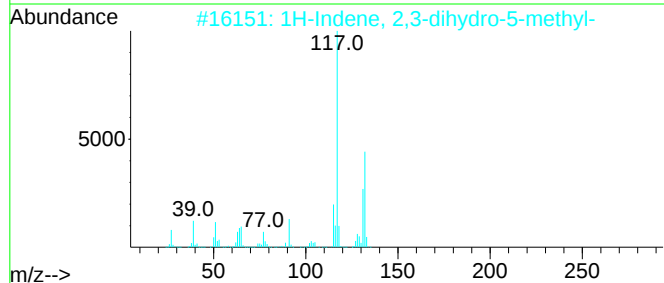
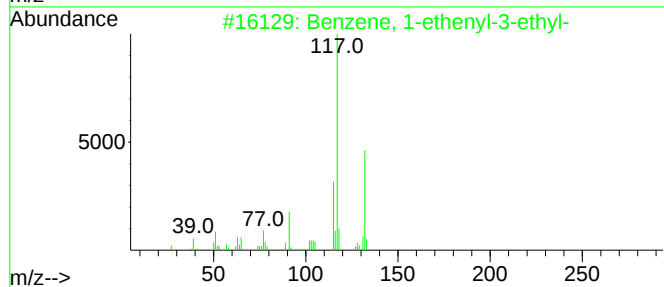
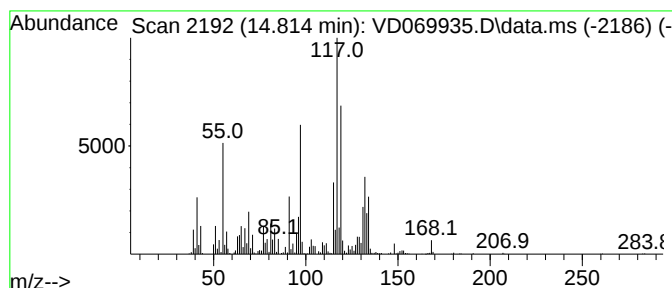
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Quant Title : SW846 8260

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

Peak Number 9 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.814	201.86 ug/l	1428320	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
2			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55
3			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	55
4			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	55
5			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
Data File : VD069935.D
Acq On : 30 Jul 2021 13:35
Operator : VA/SY
Sample : M3229-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SOLID-A-E

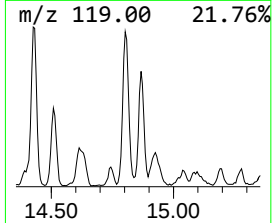
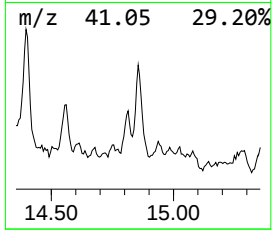
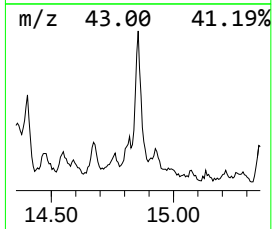
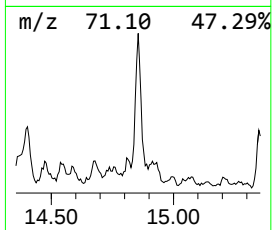
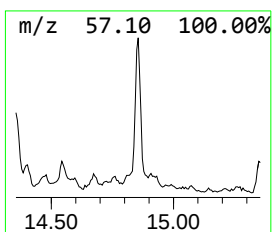
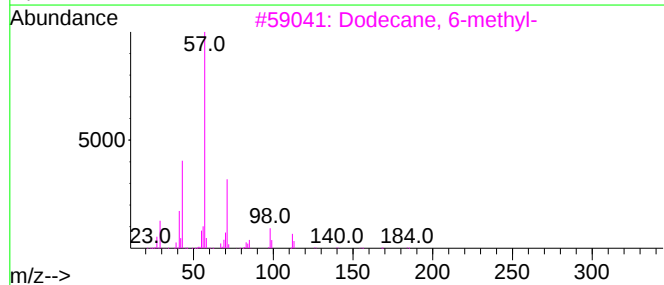
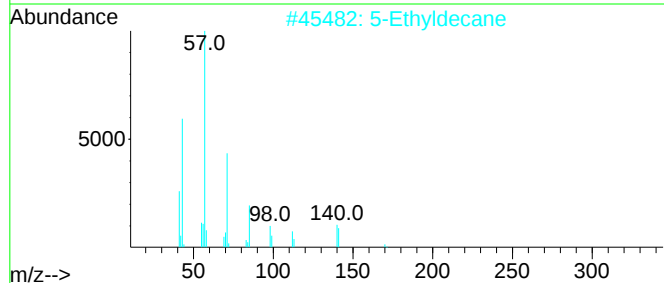
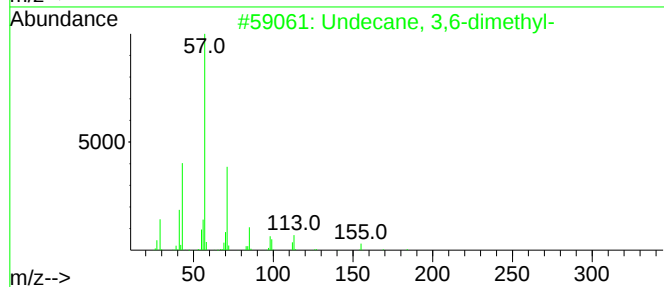
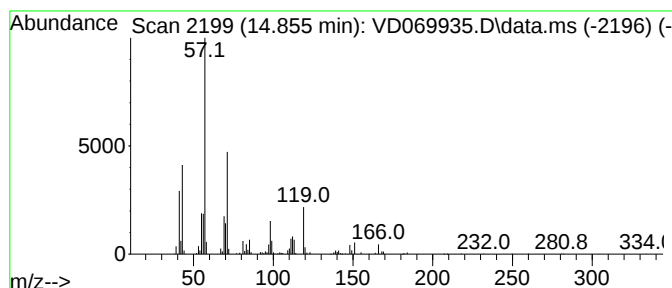
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
Quant Title : SW846 8260

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

Peak Number 10 Undecane, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.855	193.61 ug/l	1369920	1,4-Dichlorobenzene-d4	13.561

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	53
2		5-Ethyldecane	170	C12H26	017302-36-2	50
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	50
4		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	43
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073021\
Data File : VD069935.D
Acq On : 30 Jul 2021 13:35
Operator : VA/SY
Sample : M3229-01
Misc : 5.04G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SOLID-A-E

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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Octane, 2,6-dim...	12.261	342.4	ug/l	351678	3	11.638	51347	50.0
unknown12.344	12.344	367.6	ug/l	377472	3	11.638	51347	50.0
Cyclohexane, pr...	12.385	378.9	ug/l	389143	3	11.638	51347	50.0
Pentane, 2,2,3,...	12.550	485.6	ug/l	498686	3	11.638	51347	50.0
Decane, 4-methyl-	13.173	178.1	ug/l	1260350	4	13.561	353783	50.0
Naphthalene, de...	13.891	206.5	ug/l	1461430	4	13.561	353783	50.0
Naphthalene, de...	14.397	392.8	ug/l	2779370	4	13.561	353783	50.0
Benzene, 1-ethe...	14.814	201.9	ug/l	1428320	4	13.561	353783	50.0
Undecane, 3,6-d...	14.855	193.6	ug/l	1369920	4	13.561	353783	50.0