

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070209.D
 Acq On : 20 Aug 2021 18:13
 Operator : VA/SY
 Sample : M3463-13
 Misc : 5.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-16-0002

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\82D081321S.M
 Title : SW846 8260

Signal : TIC: VD070209.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.950	3	5	12	rVB3	38995	43013	1.39%	0.189%
2	2.315	62	67	70	rBV3	22962	40186	1.29%	0.177%
3	4.156	372	380	390	rBV	31735	87393	2.82%	0.385%
4	4.403	413	422	430	rBV	15170	42056	1.35%	0.185%
5	7.914	1008	1019	1024	rBV	416848	1011090	32.57%	4.453%
6	7.979	1024	1030	1040	rVB	663258	1438105	46.33%	6.334%
7	8.326	1081	1089	1104	rBV	392931	883600	28.47%	3.892%
8	8.861	1170	1180	1193	rBV	1065826	2113540	68.09%	9.309%
9	9.097	1212	1220	1230	rVB	121875	273138	8.80%	1.203%
10	9.338	1251	1261	1267	rBV7	30144	95013	3.06%	0.418%
11	10.097	1383	1390	1394	rBV5	15503	36074	1.16%	0.159%
12	10.338	1423	1431	1446	rBV	1727742	3104053	100.00%	13.671%
13	10.502	1453	1459	1469	rVB5	29994	73544	2.37%	0.324%
14	10.673	1483	1488	1495	rVB4	37748	67025	2.16%	0.295%
15	10.773	1499	1505	1512	rBV7	29469	70494	2.27%	0.310%
16	10.867	1516	1521	1526	rBV4	24626	43192	1.39%	0.190%
17	10.950	1526	1535	1542	rVB6	26278	58025	1.87%	0.256%
18	11.044	1546	1551	1555	rBV2	25362	49392	1.59%	0.218%
19	11.238	1579	1584	1589	rBV3	47052	79887	2.57%	0.352%
20	11.297	1589	1594	1598	rVB4	31559	52182	1.68%	0.230%
21	11.444	1612	1619	1629	rVB2	60909	130211	4.19%	0.573%
22	11.638	1643	1652	1661	rBV	1476120	2693274	86.77%	11.862%
23	11.773	1670	1675	1679	rVB4	35520	51299	1.65%	0.226%
24	11.826	1679	1684	1688	rBV4	49045	93666	3.02%	0.413%
25	11.897	1688	1696	1705	rVB8	75747	275643	8.88%	1.214%
26	12.044	1714	1721	1730	rVB6	62441	158680	5.11%	0.699%
27	12.144	1730	1738	1744	rBV3	215241	538923	17.36%	2.374%
28	12.202	1745	1748	1750	rBV3	40114	48740	1.57%	0.215%
29	12.308	1762	1766	1768	rBV	95664	144214	4.65%	0.635%
30	12.344	1768	1772	1781	rVB5	202569	505877	16.30%	2.228%
31	12.444	1781	1789	1795	rBV8	121273	352092	11.34%	1.551%
32	12.532	1801	1804	1807	rBV4	29222	40693	1.31%	0.179%
33	12.573	1807	1811	1814	rVV3	60299	79056	2.55%	0.348%
34	12.626	1814	1820	1827	rVB	1210723	2002348	64.51%	8.819%
35	12.702	1827	1833	1839	rBV5	138951	340429	10.97%	1.499%
36	12.755	1840	1842	1843	rVV2	40309	37024	1.19%	0.163%

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Integrator: RTE

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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	12.791	1844	1848	1854	rVB4	162857	321429	10.36%	1.416%
38	12.873	1854	1862	1869	rBV6	107155	376864	12.14%	1.660%
39	12.949	1869	1875	1882	rBV9	137462	336878	10.85%	1.484%
40	13.091	1895	1899	1903	rVB5	87118	126408	4.07%	0.557%
41	13.138	1903	1907	1909	rBV3	46016	71134	2.29%	0.313%
42	13.173	1909	1913	1923	rVB5	199735	453047	14.60%	1.995%
43	13.302	1931	1935	1940	rBV2	73479	125252	4.04%	0.552%
44	13.344	1940	1942	1946	rVB4	45586	57348	1.85%	0.253%
45	13.420	1951	1955	1964	rVB5	118813	278552	8.97%	1.227%
46	13.491	1964	1967	1971	rBV4	64337	88115	2.84%	0.388%
47	13.561	1971	1979	1985	rBV	1251671	2109656	67.96%	9.292%
48	13.702	1999	2003	2008	rVB6	44385	77186	2.49%	0.340%
49	13.885	2029	2034	2039	rBV3	160581	290973	9.37%	1.282%
50	14.202	2084	2088	2092	rBV6	31300	50349	1.62%	0.222%
51	14.273	2094	2100	2106	rVV7	62425	118953	3.83%	0.524%
52	14.396	2117	2121	2126	rVV6	66549	108252	3.49%	0.477%
53	14.508	2136	2140	2143	rBV5	34404	53107	1.71%	0.234%
54	14.555	2145	2148	2153	rVB6	53146	89641	2.89%	0.395%
55	14.743	2177	2180	2187	rVV9	19996	34516	1.11%	0.152%
56	14.820	2188	2193	2194	rVV4	29399	46802	1.51%	0.206%
57	14.855	2195	2199	2206	rVB3	73149	137113	4.42%	0.604%
58	15.073	2234	2236	2243	rVB8	22196	34423	1.11%	0.152%
59	15.349	2279	2283	2291	rBV4	66018	112779	3.63%	0.497%
60	16.320	2445	2448	2457	rVB5	27319	52907	1.70%	0.233%

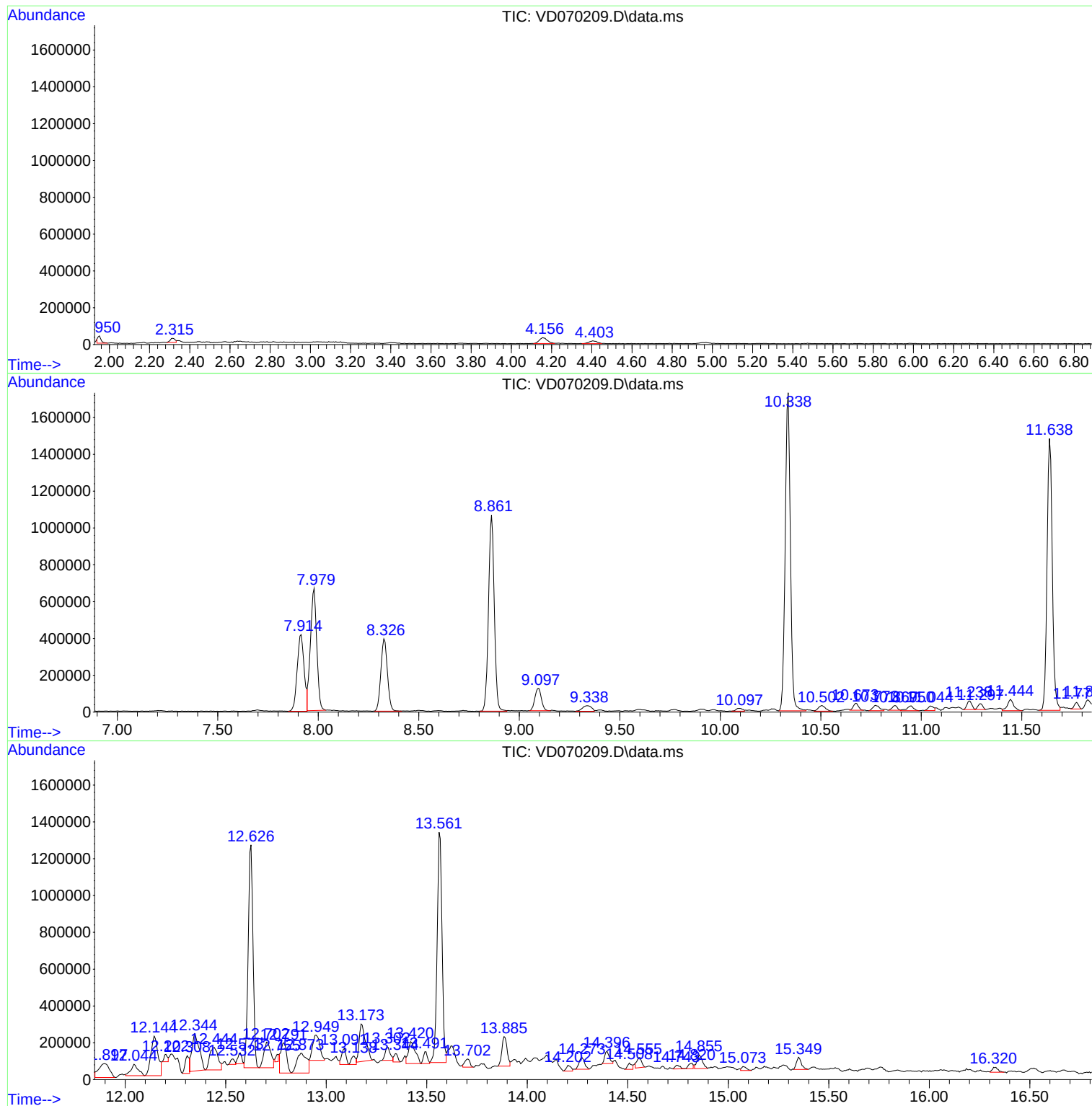
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
MSVOA_D
ClientSampleId :
SWCS-16-0002

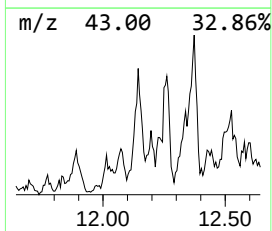
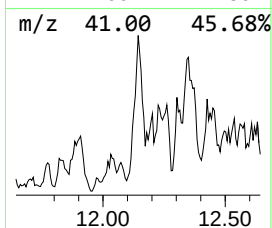
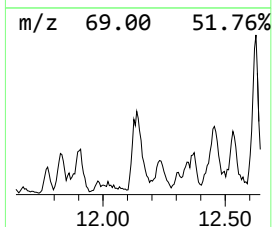
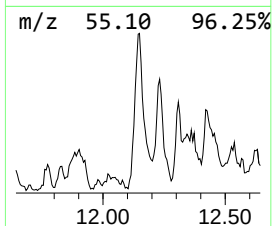
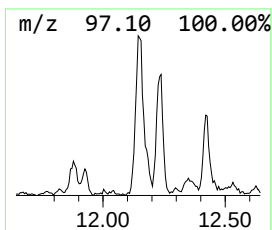
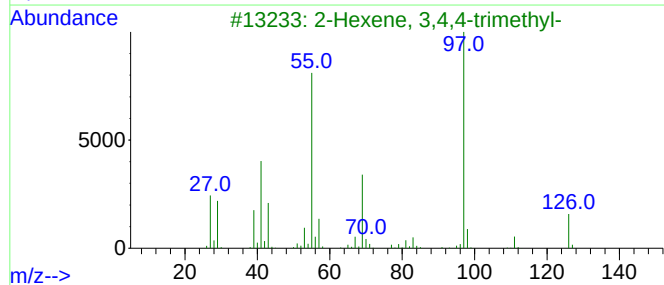
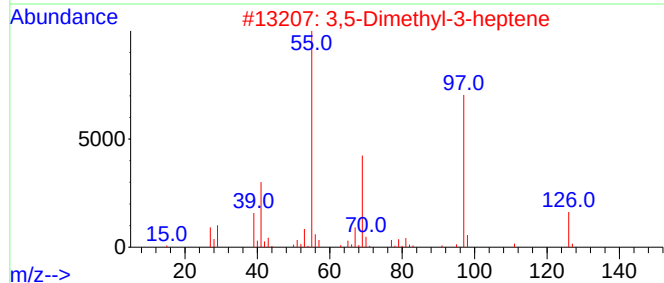
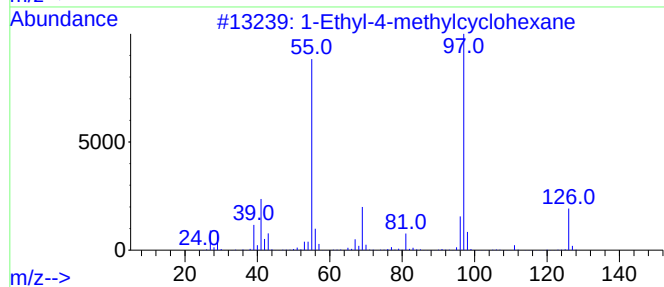
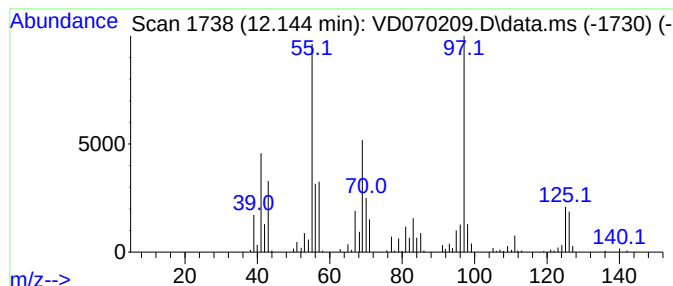
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260

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

Peak Number 1 1-Ethyl-4-methylcyclohexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.144	10.01 ug/l	538923	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	52
2			3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	52
3			2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	49
4			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	49
5			Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	49



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Instrument :
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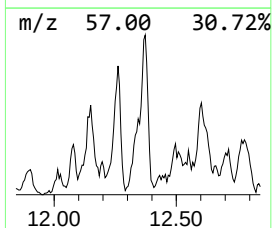
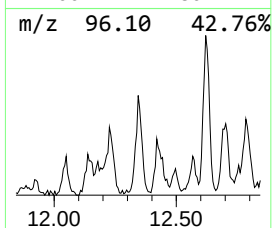
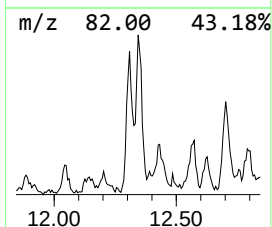
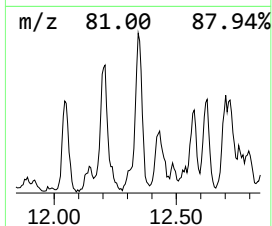
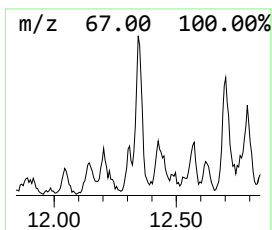
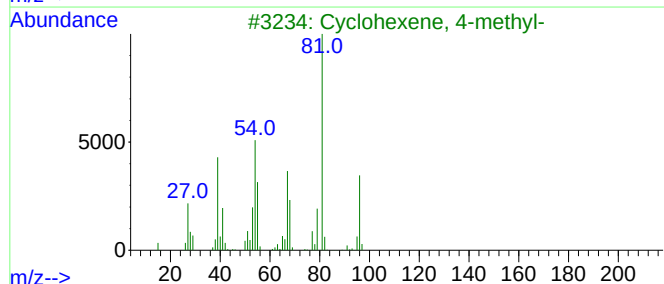
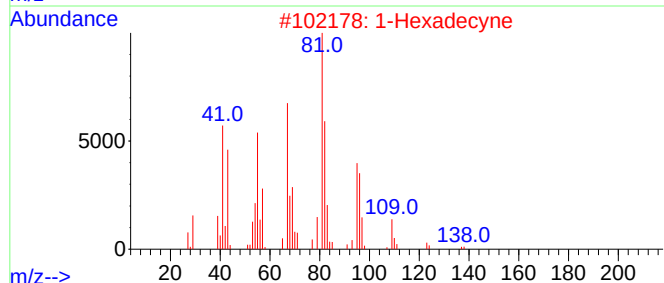
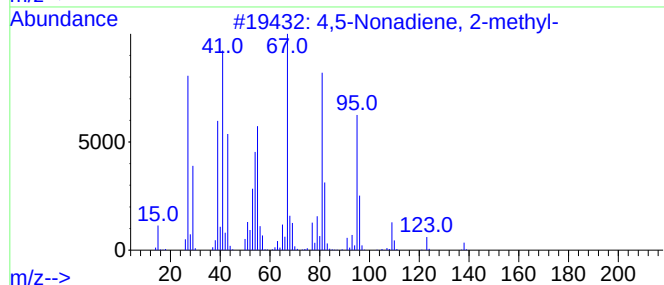
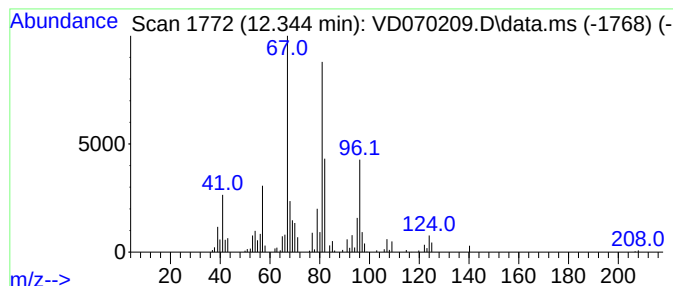
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260

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

Peak Number 2 4,5-Nonadiene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.344	9.39 ug/l	505877	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,5-Nonadiene, 2-methyl-	138	C10H18	055956-32-6	64
2			1-Hexadecyne	222	C16H30	000629-74-3	50
3			Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	49
4			1-Nonyne, 7-methyl-	138	C10H18	071566-65-9	47
5			Cyclohexene,3-propyl-	124	C9H16	003983-06-0	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
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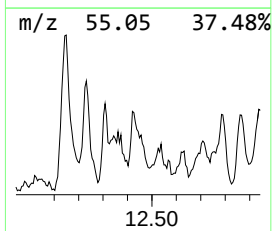
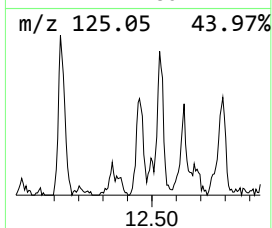
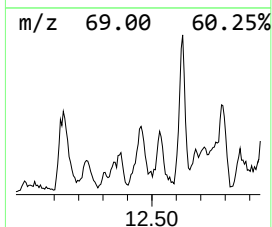
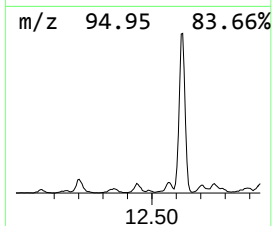
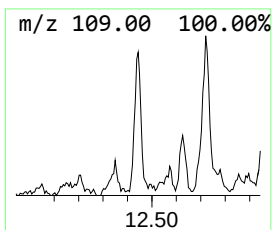
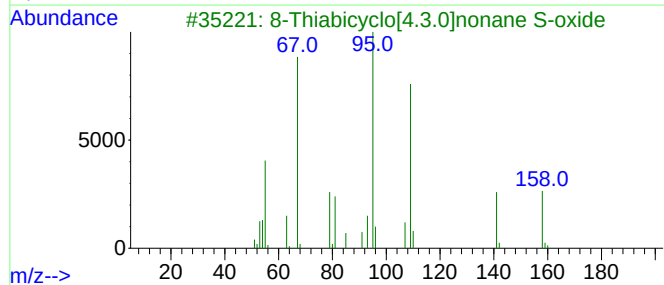
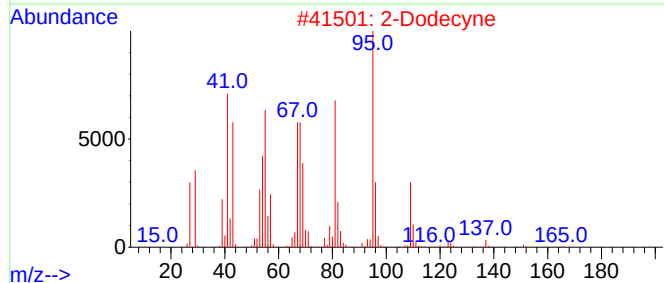
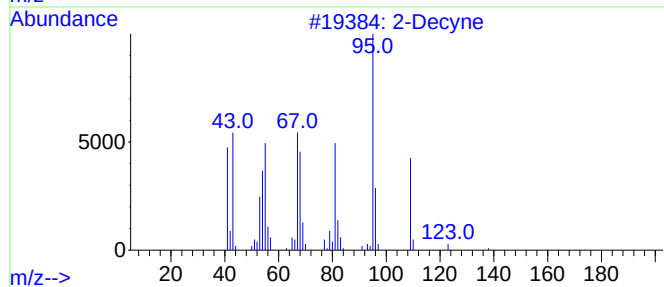
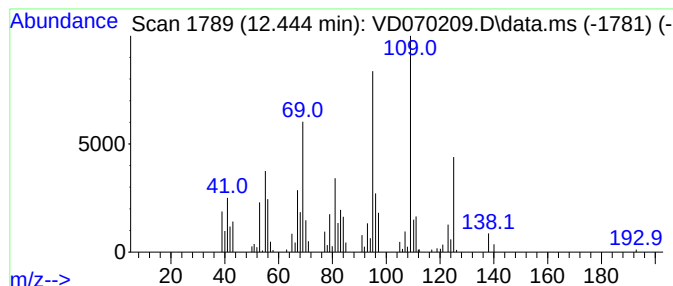
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Peak Number 3 2-Decyne Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.444	6.54 ug/l	352092	Chlorobenzene-d5	11.638

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Decyne	138	C10H18	002384-70-5	50
2			2-Dodecyne	166	C12H22	000629-49-2	43
3			8-Thiabicyclo[4.3.0]nonane S-oxide	158	C8H14OS	1010215-10-0	38
4			5-Octen-2-yn-4-ol	124	C8H12O	1010196-87-1	38
5			4-Amino-2-methylpyrimidine	109	C5H7N3	000074-69-1	35



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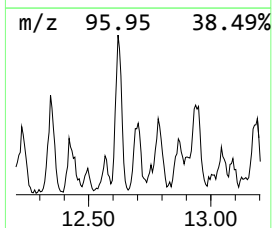
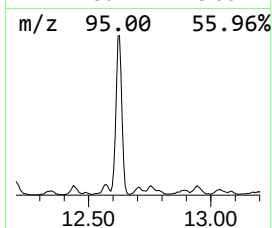
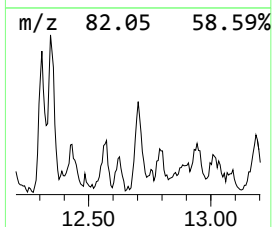
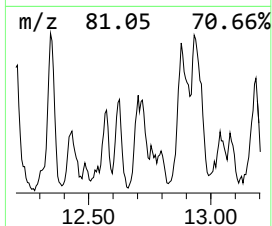
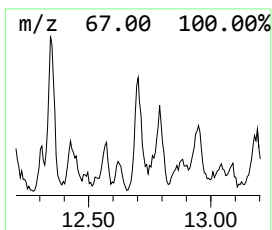
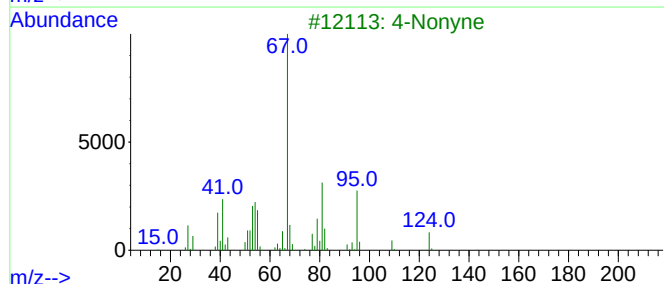
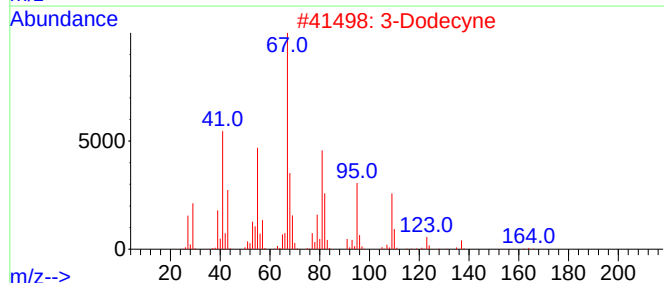
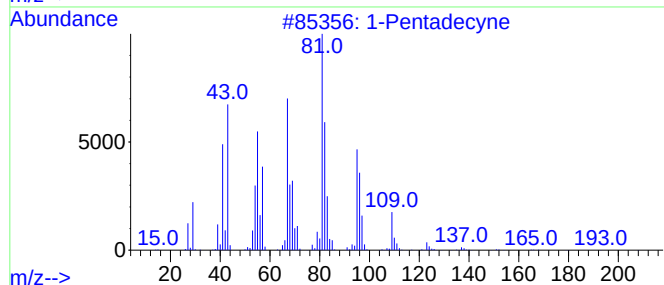
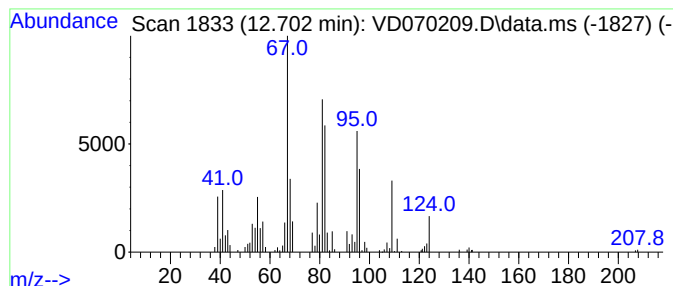
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260

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

Peak Number 4 1-Pentadecyne Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.702	8.07 ug/l	340429	1,4-Dichlorobenzene-d4	13.567

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Pentadecyne	208	C15H28	000765-13-9	83
2		3-Dodecyne	166	C12H22	006790-27-8	58
3		4-Nonyne	124	C9H16	020184-91-2	53
4		Vinylcyclopentane	96	C7H12	003742-34-5	46
5		1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	46



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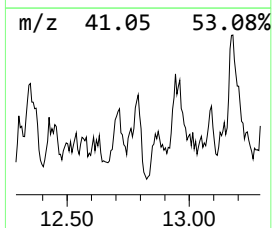
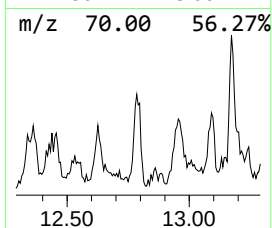
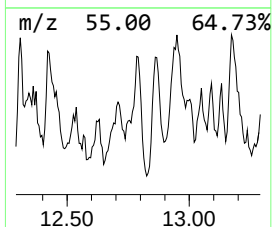
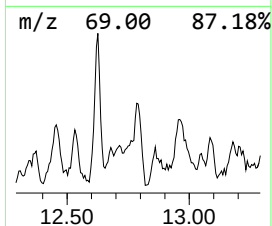
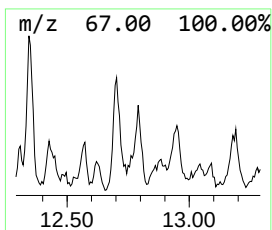
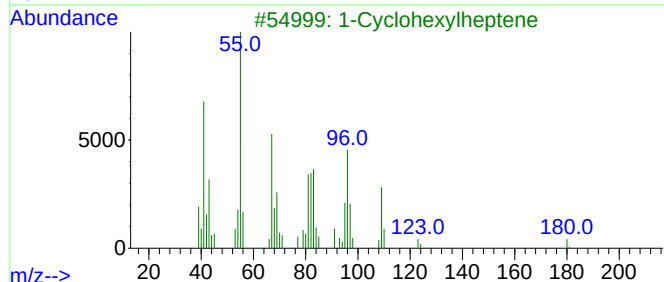
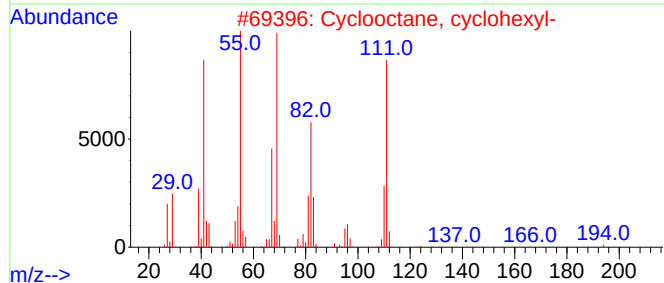
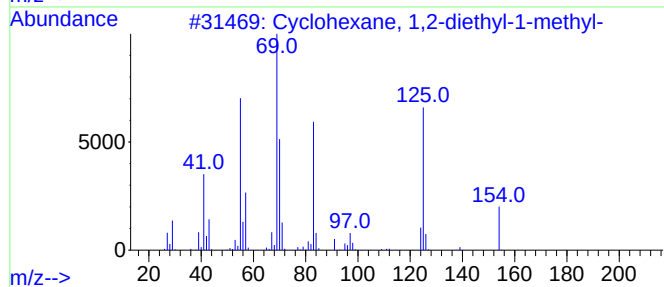
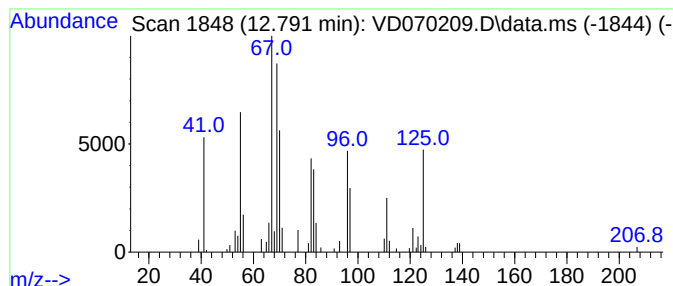
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Quant Title : SW846 8260

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

Peak Number 5 unknown12.791 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.791	7.62 ug/l	321429	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2-diethyl-1-methyl-	154	C11H22	061141-79-5	27
2			Cyclooctane, cyclohexyl-	194	C14H26	092369-78-3	27
3			1-Cyclohexylheptene	180	C13H24	114614-83-4	27
4			Hexanenitrile, 5-methyl-	111	C7H13N	019424-34-1	27
5			8-Hexadecenal, 14-methyl-, (Z)-	252	C17H32O	060609-53-2	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
Data File : VD070209.D
Acq On : 20 Aug 2021 18:13
Operator : VA/SY
Sample : M3463-13
Misc : 5.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SWCS-16-0002

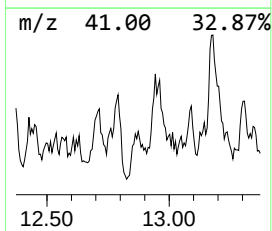
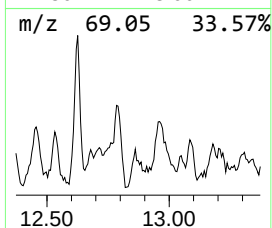
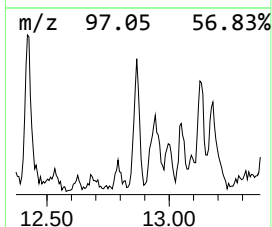
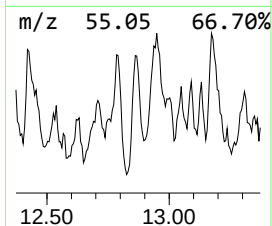
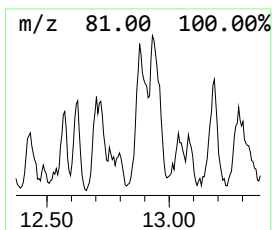
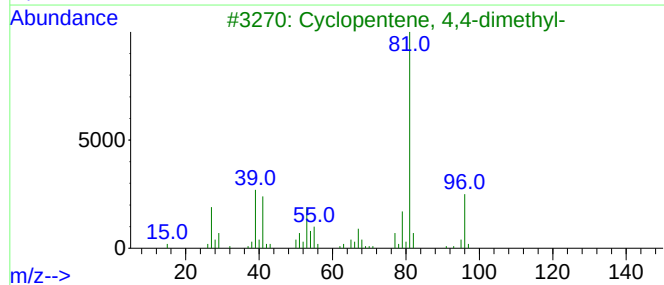
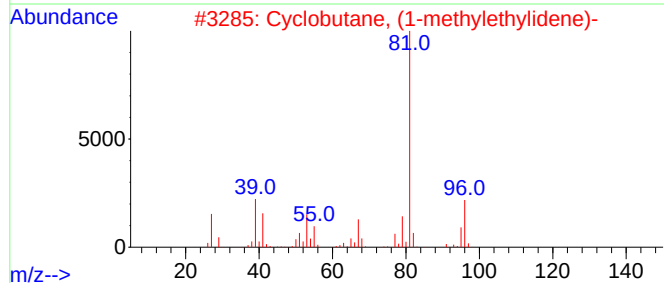
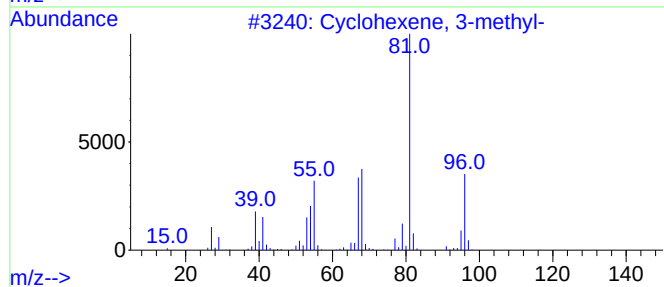
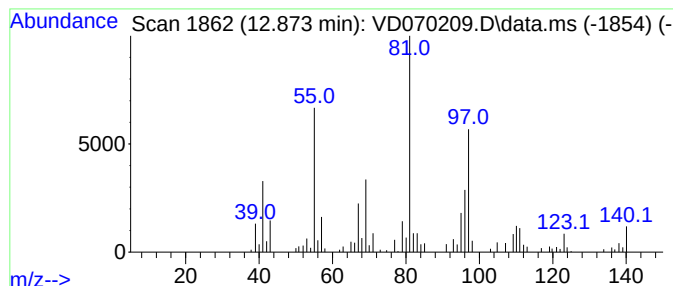
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Quant Title : SW846 8260

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

Peak Number 6 unknown12.873 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.873	8.93 ug/l	376864	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	49
2			Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	46
3			Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	43
4			2,4-Nonadienal, (E,E)-	138	C9H14O	005910-87-2	35
5			1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
Data File : VD070209.D
Acq On : 20 Aug 2021 18:13
Operator : VA/SY
Sample : M3463-13
Misc : 5.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SWCS-16-0002

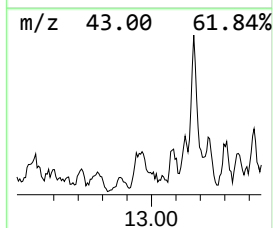
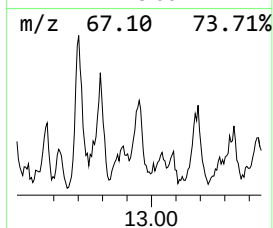
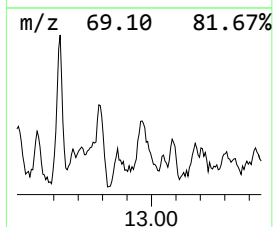
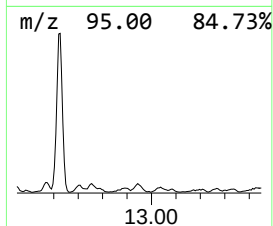
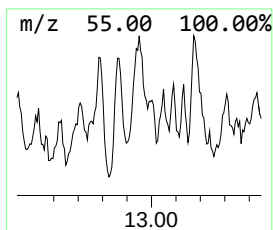
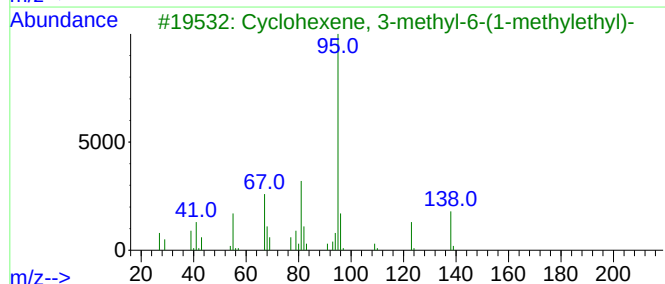
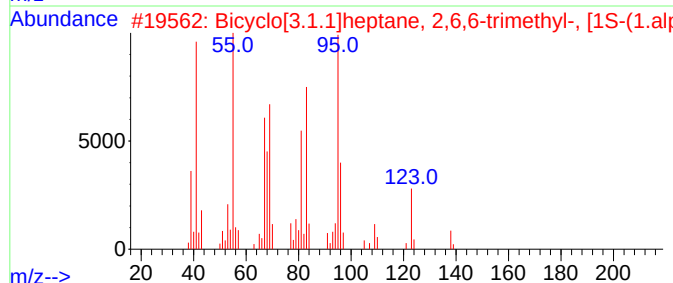
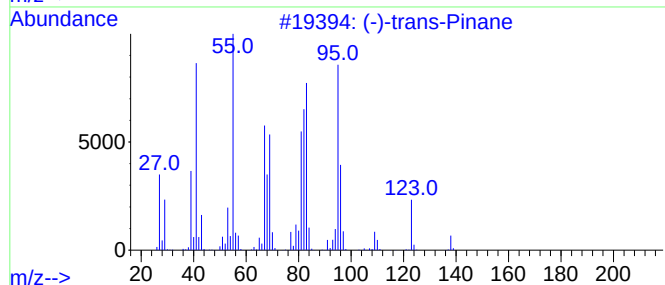
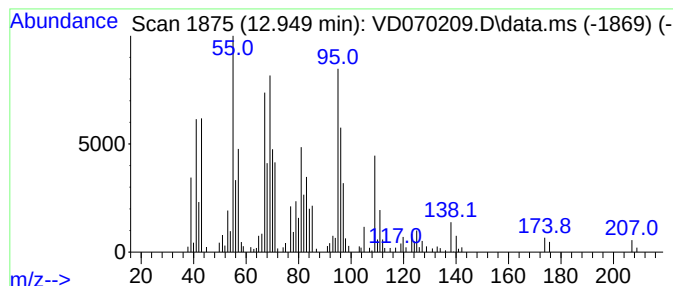
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Quant Title : SW846 8260

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

Peak Number 7 unknown12.949 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.949	7.98 ug/l	336878	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-trans-Pinane			138	C10H18	033626-25-4	46
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...			138	C10H18	004755-33-3	38
3	Cyclohexene, 3-methyl-6-(1-methy...			138	C10H18	005256-65-5	30
4	Naphthalene, decahydro-, trans-			138	C10H18	000493-02-7	30
5	1H-Inden-1-one, octahydro-, trans-			138	C9H14O	016783-22-5	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
Data File : VD070209.D
Acq On : 20 Aug 2021 18:13
Operator : VA/SY
Sample : M3463-13
Misc : 5.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SWCS-16-0002

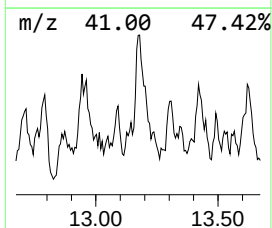
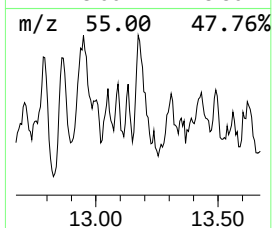
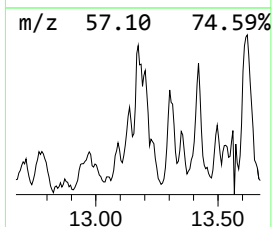
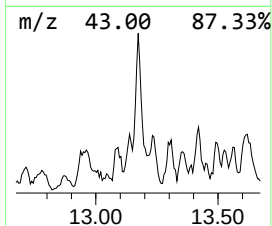
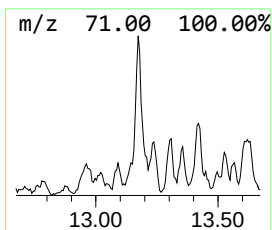
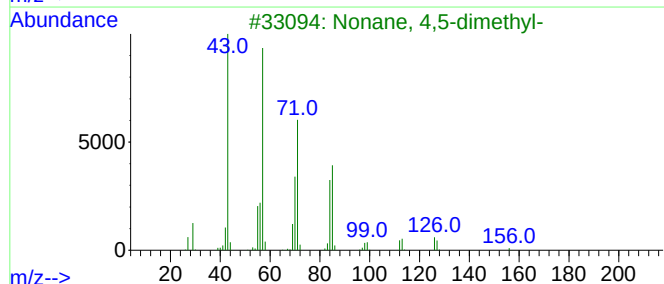
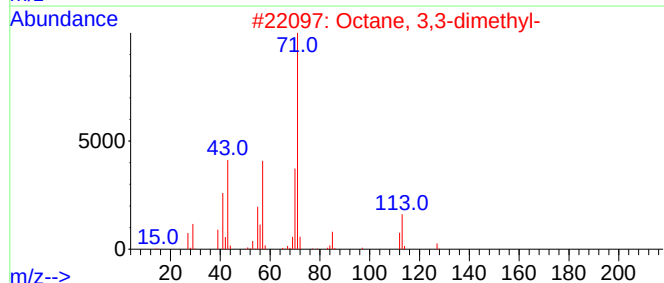
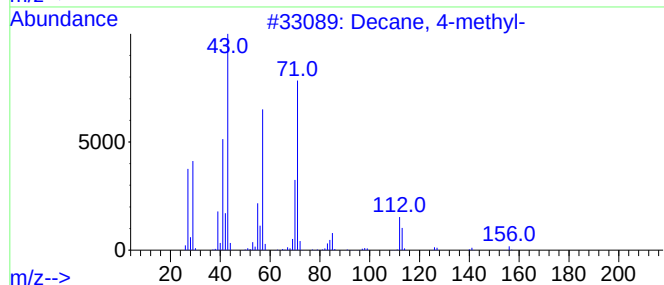
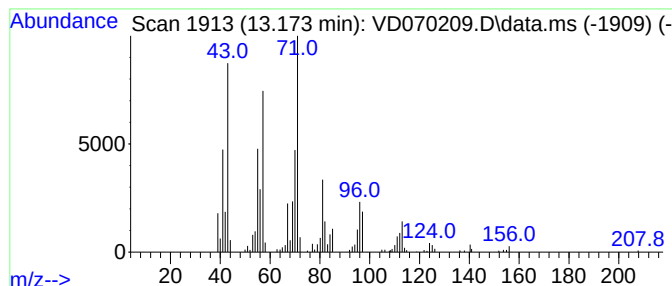
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Quant Title : SW846 8260

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

Peak Number 8 Decane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.173	10.74 ug/l	453047	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 4-methyl-	156	C11H24	002847-72-5	70
2			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	50
3			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	49
4			Oxalic acid, bis(2-ethylhexyl) e...	314	C18H34O4	1000309-39-0	47
5			2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
Data File : VD070209.D
Acq On : 20 Aug 2021 18:13
Operator : VA/SY
Sample : M3463-13
Misc : 5.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SWCS-16-0002

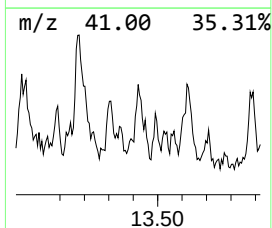
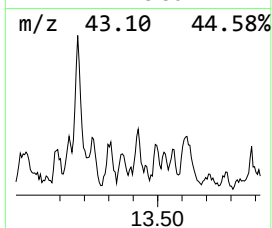
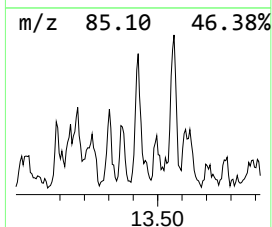
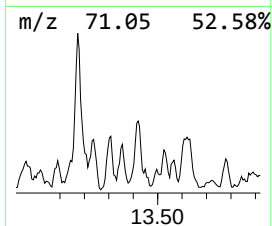
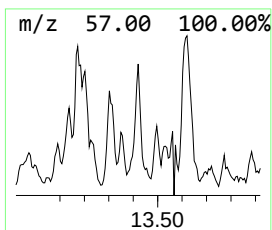
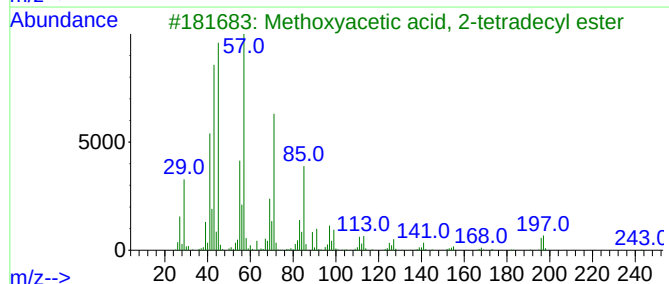
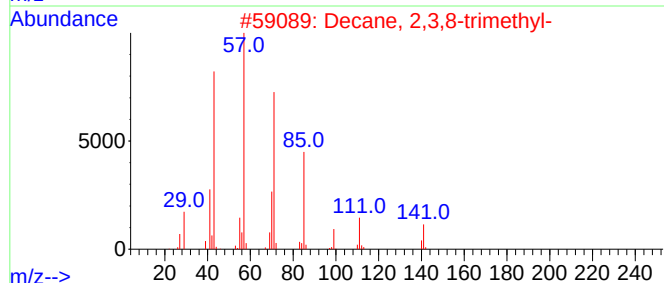
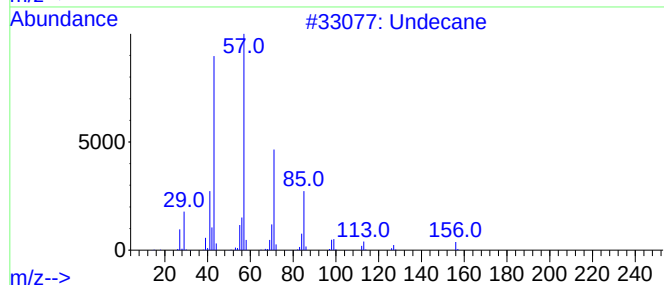
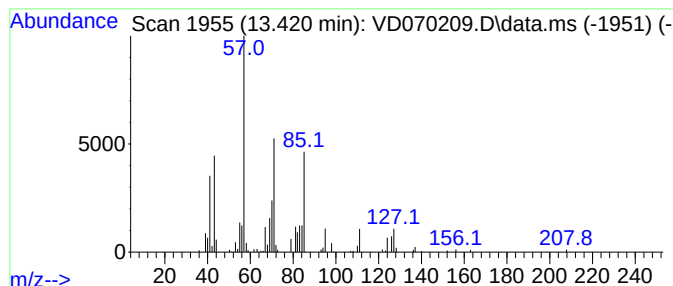
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Quant Title : SW846 8260

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

Peak Number 9 Undecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.420	6.60 ug/l	278552	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	59
2			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	59
3			Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	59
4			Heptacosane	380	C27H56	000593-49-7	53
5			Nonadecane	268	C19H40	000629-92-5	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
Data File : VD070209.D
Acq On : 20 Aug 2021 18:13
Operator : VA/SY
Sample : M3463-13
Misc : 5.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SWCS-16-0002

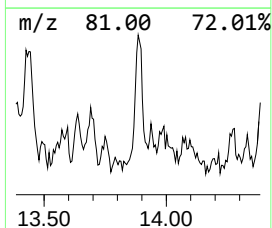
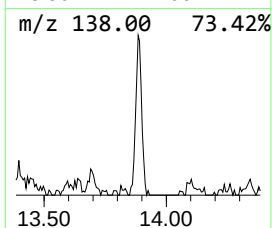
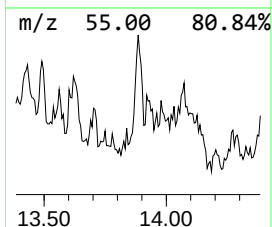
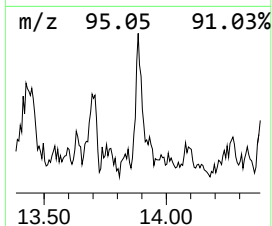
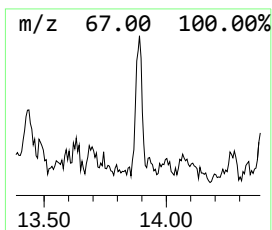
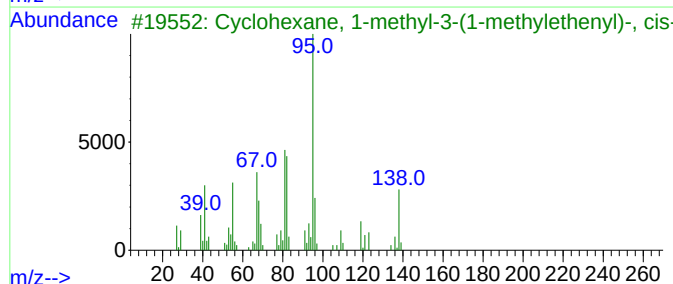
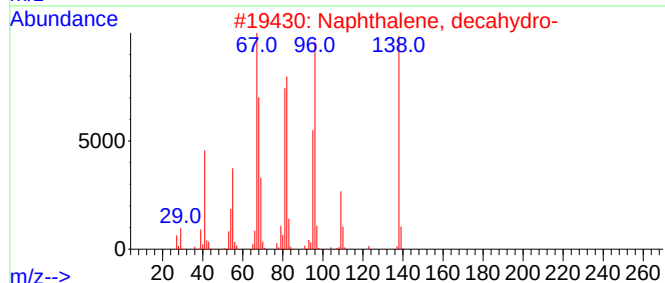
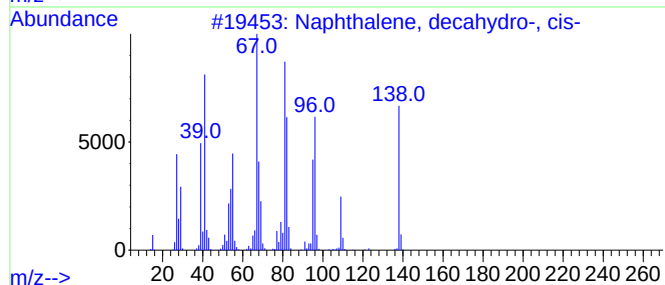
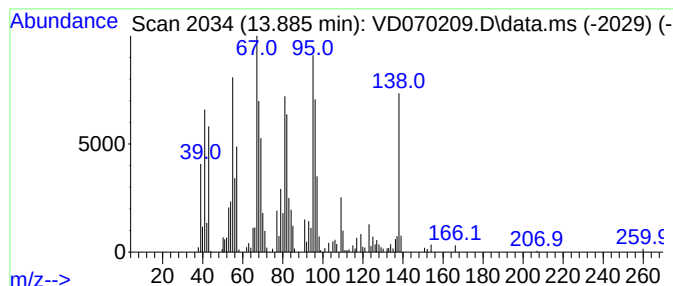
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Quant Title : SW846 8260

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

Peak Number 10 Naphthalene, decahydro-, cis- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.885	6.90 ug/l	290973	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	96
2			Naphthalene, decahydro-	138	C10H18	000091-17-8	94
3			Cyclohexane, 1-methyl-3-(1-methy...	138	C10H18	024399-15-3	90
4			Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	81
5			Cyclohexane, 1-methyl-4-(1-methy...	138	C10H18	001124-25-0	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
Data File : VD070209.D
Acq On : 20 Aug 2021 18:13
Operator : VA/SY
Sample : M3463-13
Misc : 5.94G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SWCS-16-0002

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.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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4,5-Nonadiene, ...	12.344	9.4	ug/l	505877	3	11.638	2693270	50.0
2-Decyne	12.444	6.5	ug/l	352092	3	11.638	2693270	50.0
1-Pentadecyne	12.702	8.1	ug/l	340429	4	13.567	2109660	50.0
unknown12.791	12.791	7.6	ug/l	321429	4	13.567	2109660	50.0
unknown12.873	12.873	8.9	ug/l	376864	4	13.567	2109660	50.0
unknown12.949	12.949	8.0	ug/l	336878	4	13.567	2109660	50.0
Decane, 4-methyl-	13.173	10.7	ug/l	453047	4	13.567	2109660	50.0
Undecane	13.420	6.6	ug/l	278552	4	13.567	2109660	50.0
Naphthalene, de...	13.885	6.9	ug/l	290973	4	13.567	2109660	50.0