

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071744.D
 Acq On : 19 Jan 2022 15:13
 Operator : VA/SY
 Sample : N1183-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1130RE

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\82D010722S.M
 Title : SW846 8260

Signal : TIC: VD071744.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.168	373	382	388	rBV4	7523	19908	1.23%	0.118%
2	7.914	1009	1019	1024	rBV	248231	585223	36.13%	3.468%
3	7.979	1024	1030	1040	rVB	398368	893452	55.16%	5.295%
4	8.326	1079	1089	1100	rVB	240282	545515	33.68%	3.233%
5	8.714	1149	1155	1161	rBV4	10352	23742	1.47%	0.141%
6	8.861	1170	1180	1193	rBV	655158	1300846	80.32%	7.709%
7	9.356	1254	1264	1270	rBV5	8156	20842	1.29%	0.124%
8	9.779	1331	1336	1343	rVB4	10958	19877	1.23%	0.118%
9	9.908	1351	1358	1364	rVB5	17463	38164	2.36%	0.226%
10	10.114	1385	1393	1403	rVB4	16220	36202	2.24%	0.215%
11	10.220	1407	1411	1415	rVV3	12647	19589	1.21%	0.116%
12	10.261	1415	1418	1422	rVV4	14669	22585	1.39%	0.134%
13	10.332	1422	1430	1436	rVV	881471	1619600	100.00%	9.599%
14	10.397	1436	1441	1455	rVV	752767	1402638	86.60%	8.313%
15	10.520	1455	1462	1467	rVB	47405	83017	5.13%	0.492%
16	10.714	1489	1495	1499	rVB6	9248	16735	1.03%	0.099%
17	10.785	1499	1507	1513	rVV6	13456	28302	1.75%	0.168%
18	10.855	1513	1519	1526	rVB2	42645	80088	4.94%	0.475%
19	11.191	1569	1576	1580	rBV	46678	77935	4.81%	0.462%
20	11.350	1598	1603	1607	rBV3	11728	17998	1.11%	0.107%
21	11.414	1607	1614	1623	rBV5	33160	72437	4.47%	0.429%
22	11.520	1627	1632	1638	rBV4	21274	35901	2.22%	0.213%
23	11.638	1642	1652	1661	rBV	703360	1218038	75.21%	7.219%
24	11.738	1665	1669	1673	rVV2	18442	27586	1.70%	0.163%
25	11.850	1681	1688	1699	rVB3	125748	238650	14.74%	1.414%
26	12.173	1733	1743	1750	rBV5	35951	102810	6.35%	0.609%
27	12.255	1750	1757	1763	rVB4	23269	44435	2.74%	0.263%
28	12.350	1767	1773	1774	rBV4	14411	21669	1.34%	0.128%
29	12.379	1774	1778	1785	rVB7	20908	48012	2.96%	0.285%
30	12.473	1789	1794	1798	rBV2	16580	31380	1.94%	0.186%
31	12.620	1809	1819	1825	rBV2	357810	658990	40.69%	3.906%
32	12.767	1839	1844	1847	rBV3	25041	47623	2.94%	0.282%
33	12.873	1856	1862	1865	rBV3	30048	60872	3.76%	0.361%
34	12.938	1868	1873	1887	rVV2	210494	413897	25.56%	2.453%
35	13.044	1887	1891	1895	rVB4	29045	41809	2.58%	0.248%
36	13.091	1895	1899	1904	rBV3	30962	55526	3.43%	0.329%

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Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

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Start Thrs: 0.2

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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\82D010722S.M
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37	13.173	1909	1913	1914	rVV2	41053	47464	2.93%	0.281%
38	13.202	1915	1918	1924	rVV2	102828	150311	9.28%	0.891%
39	13.255	1924	1927	1932	rVB	30003	41754	2.58%	0.247%
40	13.314	1932	1937	1943	rBV	232248	362334	22.37%	2.147%
41	13.420	1947	1955	1964	rBV2	139383	304343	18.79%	1.804%
42	13.491	1964	1967	1969	rBV3	48126	62612	3.87%	0.371%
43	13.526	1970	1973	1975	rVV2	57337	84067	5.19%	0.498%
44	13.561	1975	1979	1984	rVV	274720	443355	27.37%	2.628%
45	13.620	1984	1989	1990	rVV2	124231	199054	12.29%	1.180%
46	13.655	1990	1995	2009	rVB	807614	1350243	83.37%	8.002%
47	13.773	2009	2015	2019	rBV5	65578	136211	8.41%	0.807%
48	13.885	2029	2034	2038	rBV2	211052	320941	19.82%	1.902%
49	14.096	2066	2070	2074	rVB6	25465	35624	2.20%	0.211%
50	14.144	2074	2078	2082	rVB5	26680	45777	2.83%	0.271%
51	14.208	2085	2089	2095	rBV7	26331	46629	2.88%	0.276%
52	14.273	2095	2100	2105	rBV6	24782	45847	2.83%	0.272%
53	14.367	2107	2116	2118	rBV3	81739	158940	9.81%	0.942%
54	14.396	2118	2121	2125	rVB4	73625	102349	6.32%	0.607%
55	14.438	2125	2128	2135	rVB	96621	139011	8.58%	0.824%
56	14.508	2135	2140	2143	rBV	93963	148838	9.19%	0.882%
57	14.738	2171	2179	2186	rBV	475773	729799	45.06%	4.325%
58	14.814	2186	2192	2194	rBV3	56490	102424	6.32%	0.607%
59	14.855	2195	2199	2206	rVB4	121274	237969	14.69%	1.410%
60	14.926	2208	2211	2215	rVB5	25833	31346	1.94%	0.186%
61	14.985	2217	2221	2225	rBV7	25621	46870	2.89%	0.278%
62	15.073	2233	2236	2243	rVB8	35438	63369	3.91%	0.376%
63	15.179	2245	2254	2259	rVV6	108311	257065	15.87%	1.523%
64	15.232	2259	2263	2266	rVV	87250	148724	9.18%	0.881%
65	15.273	2266	2270	2277	rVV4	115713	232018	14.33%	1.375%
66	15.343	2277	2282	2289	rVB2	113863	223703	13.81%	1.326%
67	15.414	2290	2294	2302	rBV2	35735	83584	5.16%	0.495%
68	15.579	2317	2322	2329	rVB	262533	405483	25.04%	2.403%
69	16.032	2396	2399	2400	rBV3	16860	16628	1.03%	0.099%
70	16.179	2419	2424	2427	rBV6	12749	22745	1.40%	0.135%
71	16.255	2435	2437	2444	rVB6	21483	33698	2.08%	0.200%
72	16.538	2480	2485	2491	rVB4	23902	40304	2.49%	0.239%

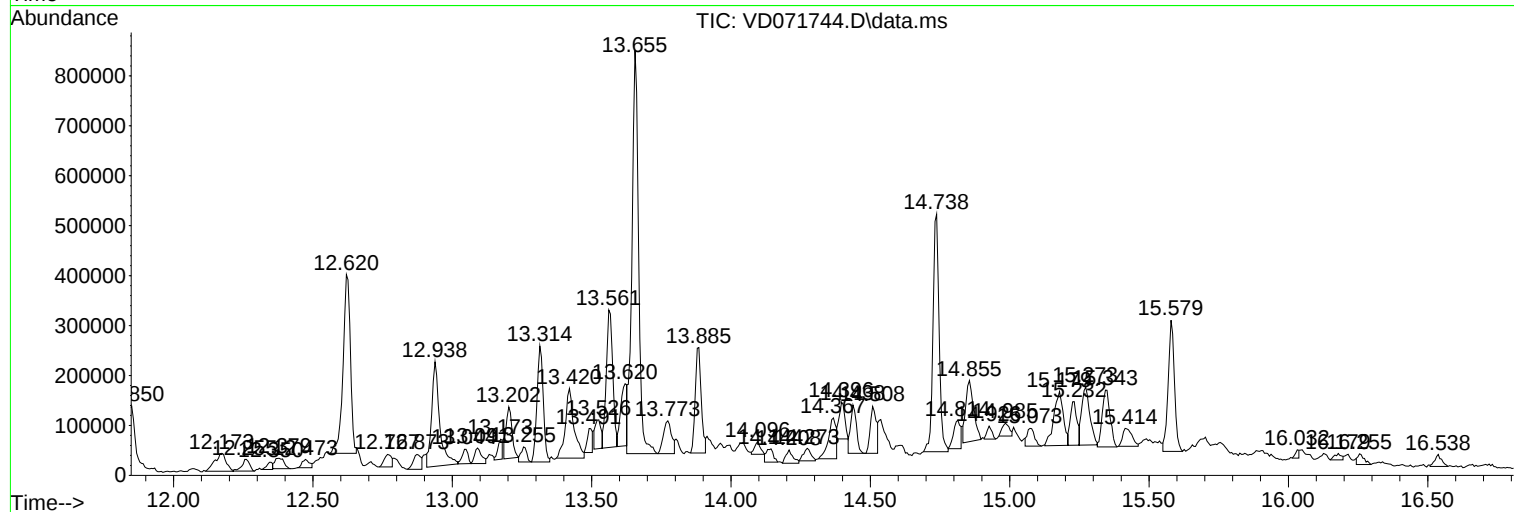
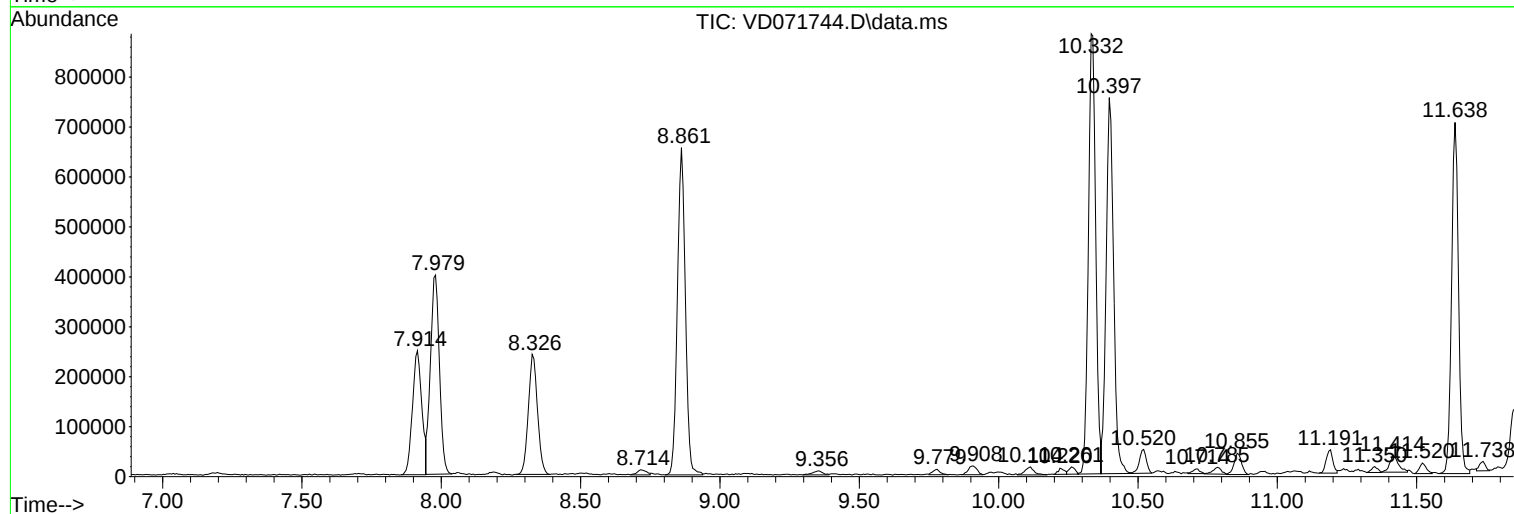
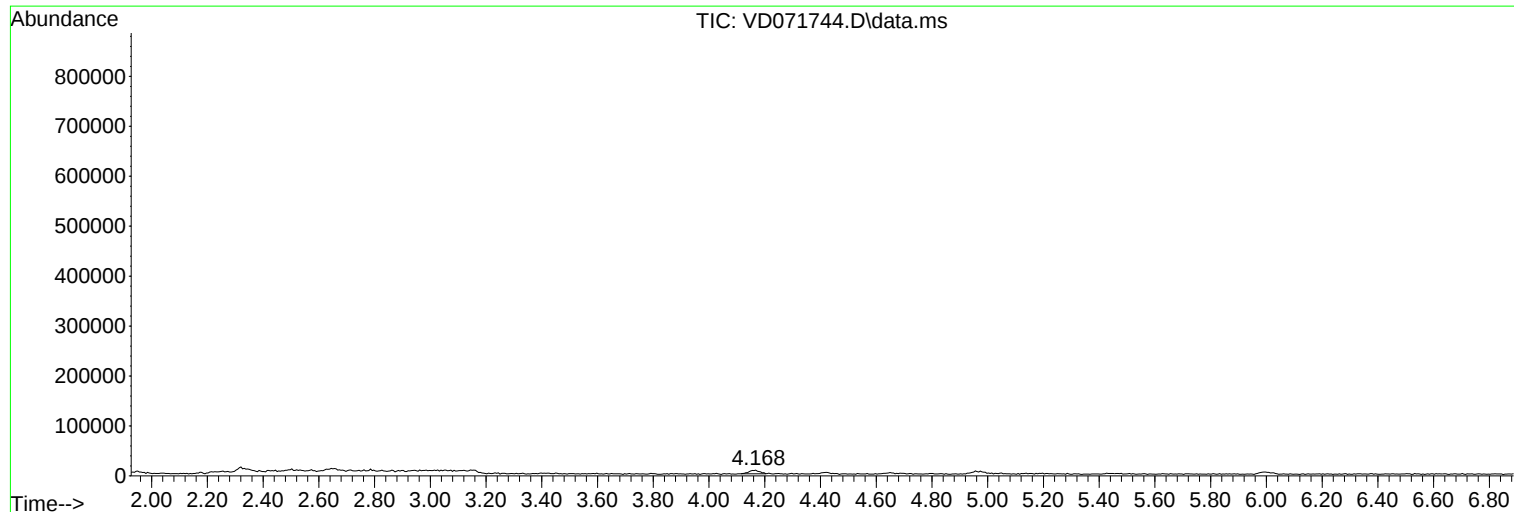
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Instrument :
MSVOA_D
ClientSampleId :
1130RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260

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



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Data File : VD071744.D
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Operator : VA/SY
Sample : N1183-01RE
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1130RE

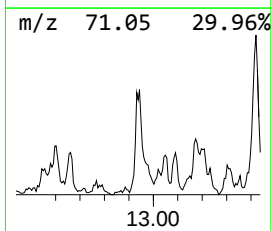
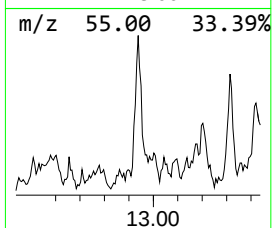
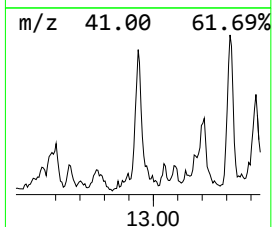
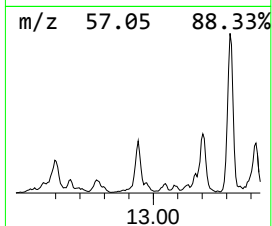
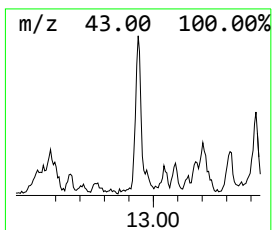
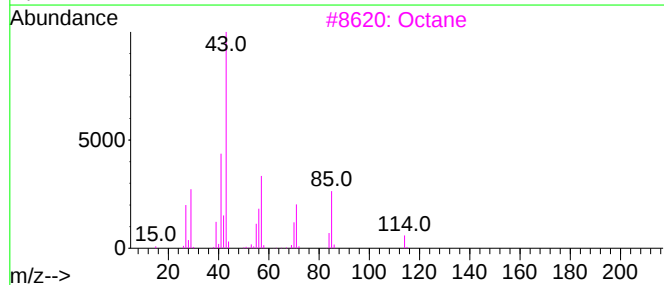
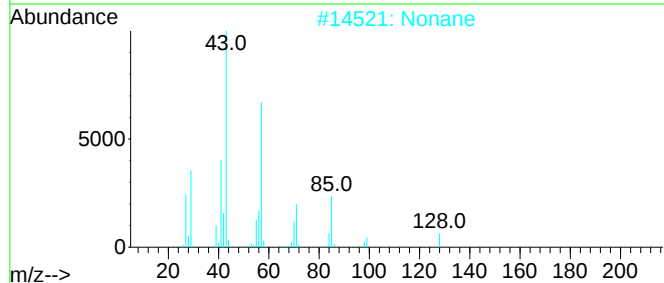
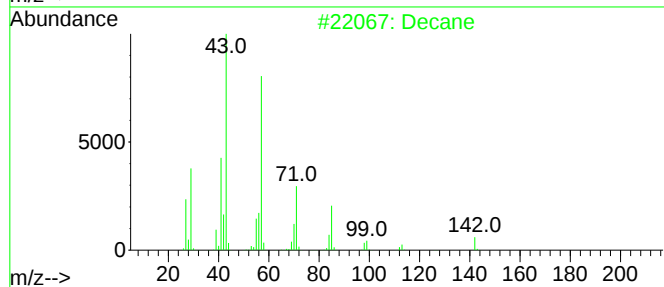
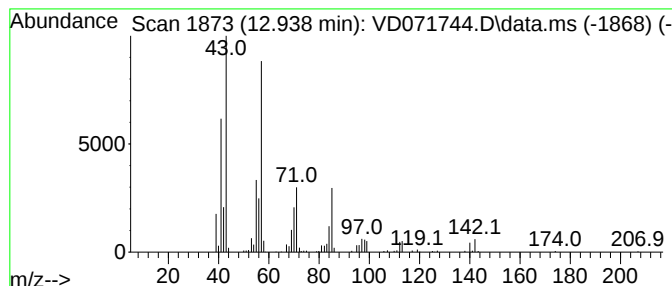
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260

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

Peak Number 1 Decane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.938	46.68 ug/l	413897	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane	142	C10H22	000124-18-5	90
2			Nonane	128	C9H20	000111-84-2	64
3			Octane	114	C8H18	000111-65-9	59
4			Oxalic acid, 6-ethyloct-3-yl hep...	328	C19H36O4	1000309-34-5	53
5			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	43



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Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1130RE

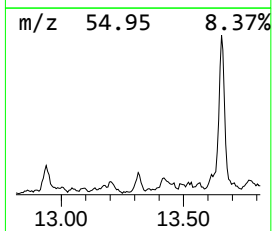
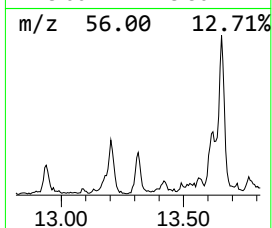
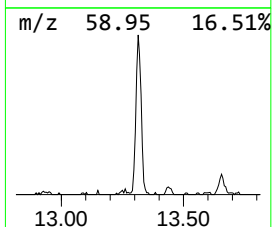
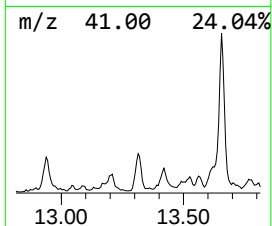
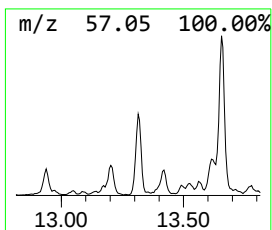
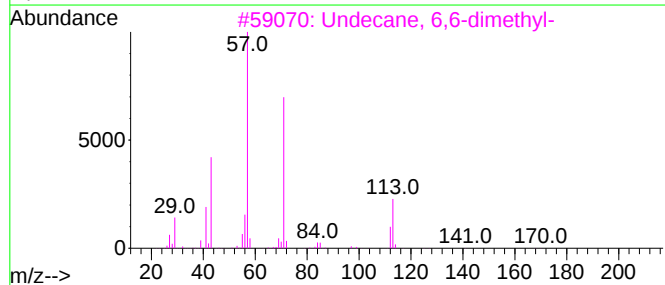
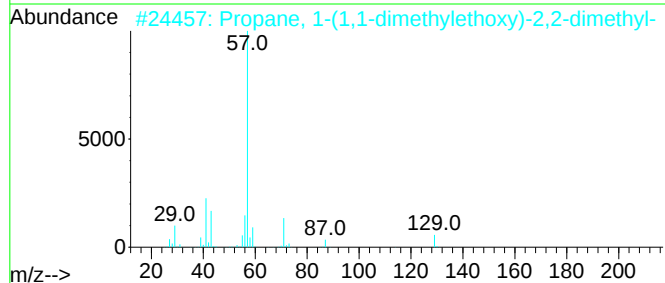
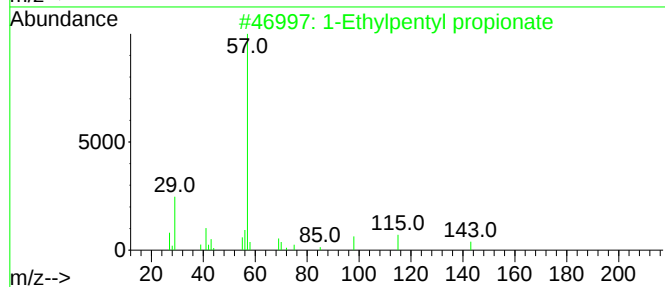
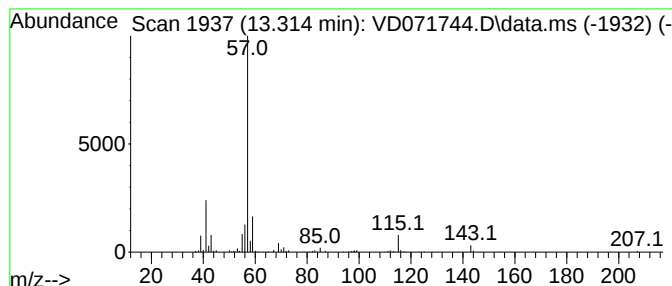
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260

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

Peak Number 2 unknown13.314 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.314	40.86 ug/l	362334	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Ethylpentyl propionate	172	C10H20O2	1000430-89-7	45
2			Propane, 1-(1,1-dimethylethoxy)-...	144	C9H20O	032970-46-0	42
3			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	40
4			Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	40
5			Oxalic acid, isobutyl heptyl ester	244	C13H24O4	1000309-37-2	40



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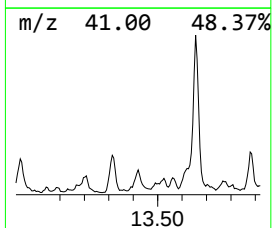
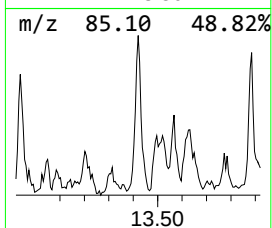
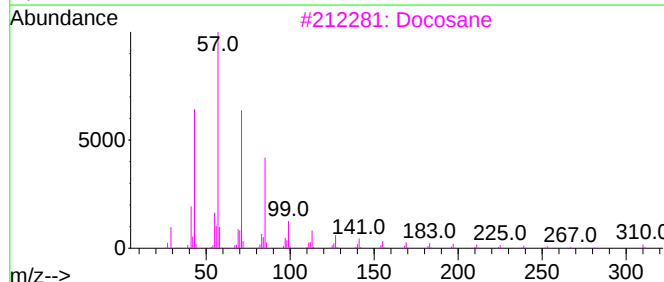
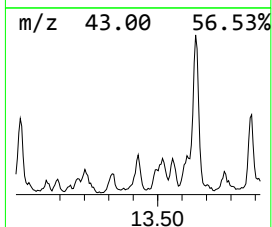
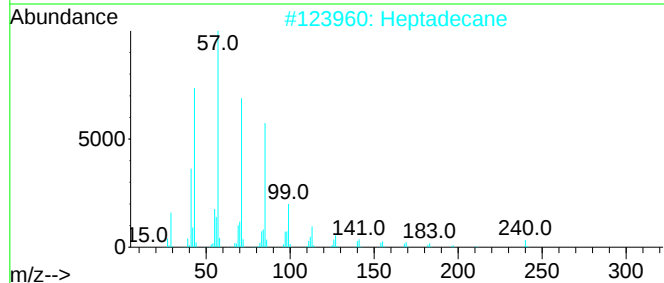
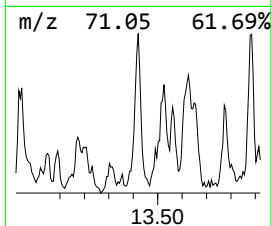
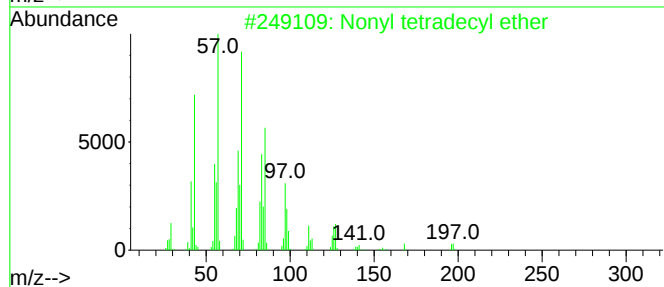
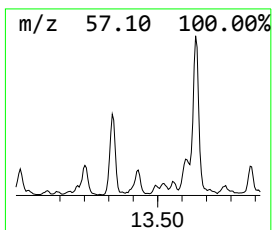
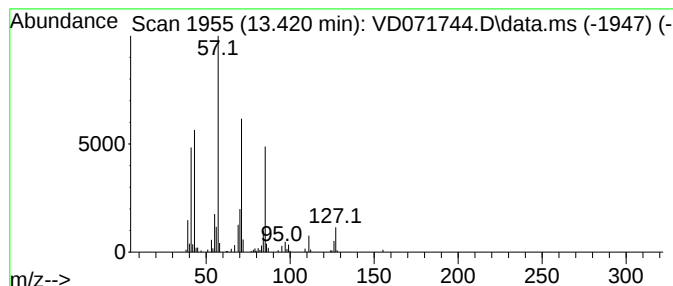
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260

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

Peak Number 3 Nonyl tetradecyl ether Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.420	34.32 ug/l	304343	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	64
2			Heptadecane	240	C17H36	000629-78-7	64
3			Docosane	310	C22H46	000629-97-0	59
4			Undecane, 3,4-dimethyl-	184	C13H28	017312-78-6	59
5			Eicosane	282	C20H42	000112-95-8	59



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1130RE

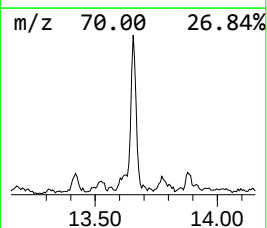
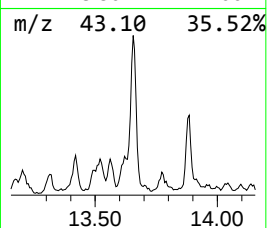
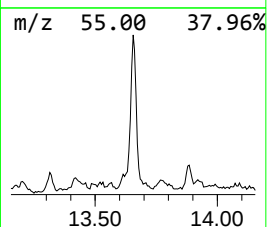
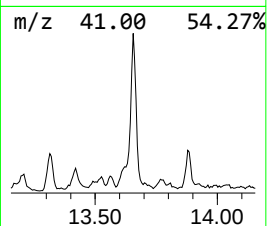
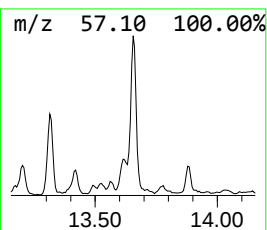
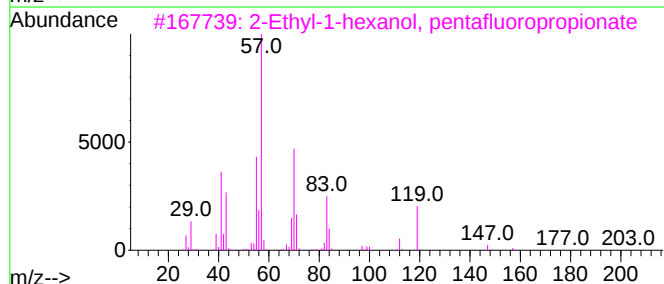
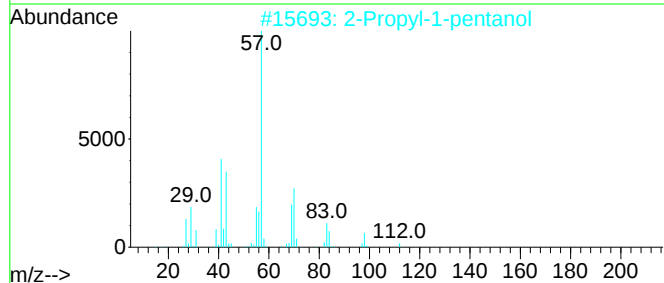
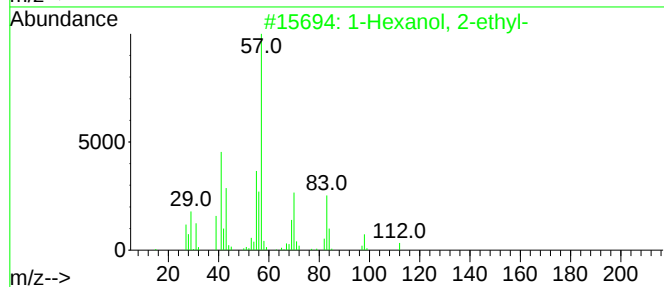
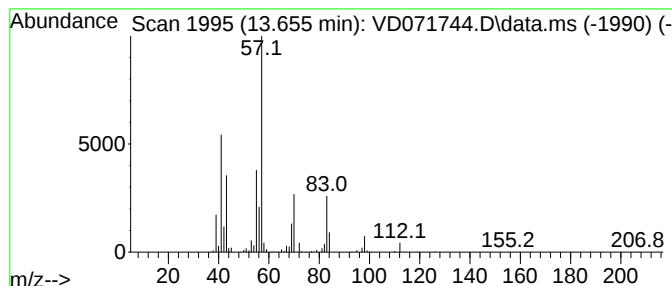
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Quant Title : SW846 8260

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

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.655	152.28 ug/l	1350240	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
3			2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	53
4			2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	50
5			2-Heptenal, (Z)-	112	C7H12O	057266-86-1	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
Data File : VD071744.D
Acq On : 19 Jan 2022 15:13
Operator : VA/SY
Sample : N1183-01RE
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1130RE

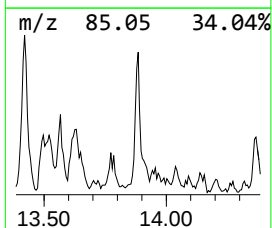
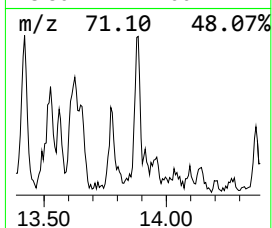
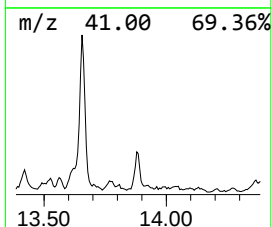
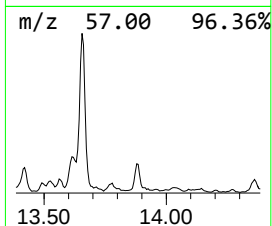
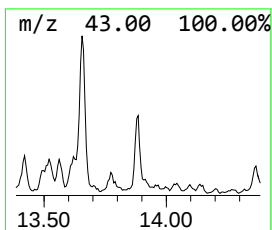
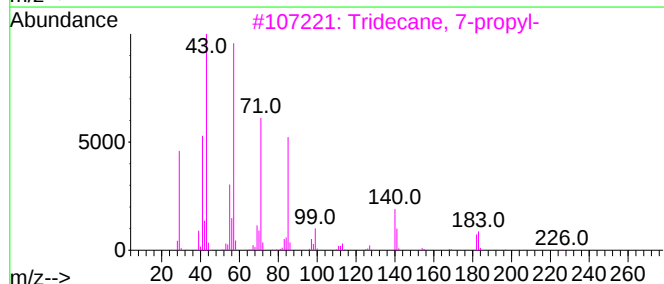
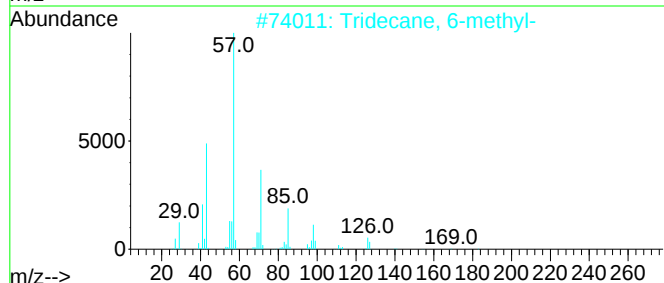
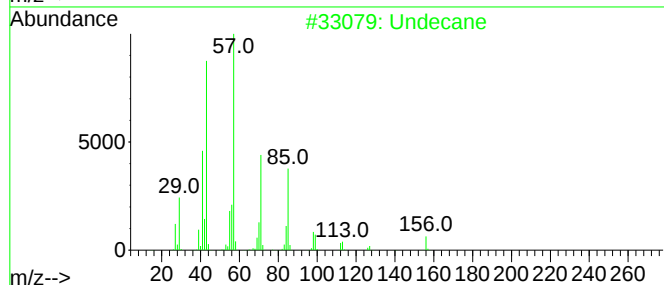
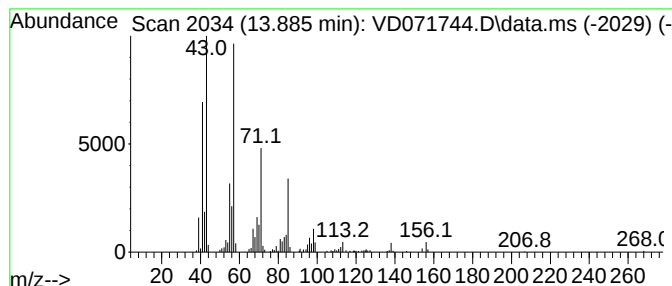
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Quant Title : SW846 8260

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

Peak Number 5 Undecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.885	36.19 ug/l	320941	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane	156	C11H24	001120-21-4	80
2			Tridecane, 6-methyl-	198	C14H30	013287-21-3	59
3			Tridecane, 7-propyl-	226	C16H34	055045-09-5	59
4			Pentadecane	212	C15H32	000629-62-9	59
5			Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
Data File : VD071744.D
Acq On : 19 Jan 2022 15:13
Operator : VA/SY
Sample : N1183-01RE
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1130RE

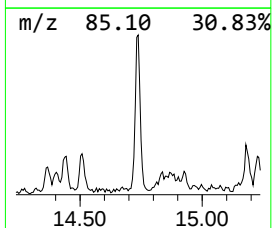
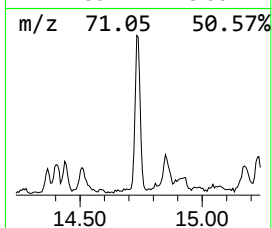
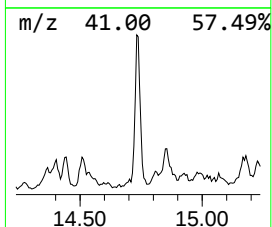
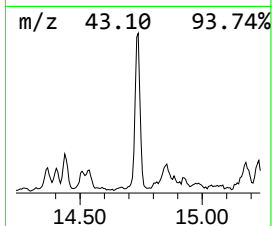
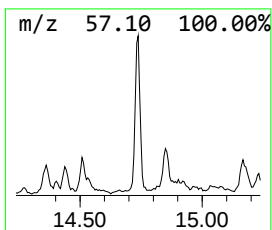
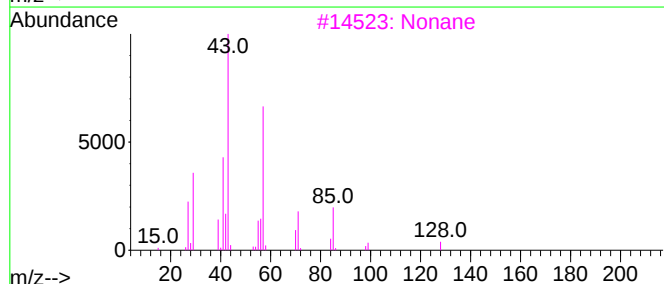
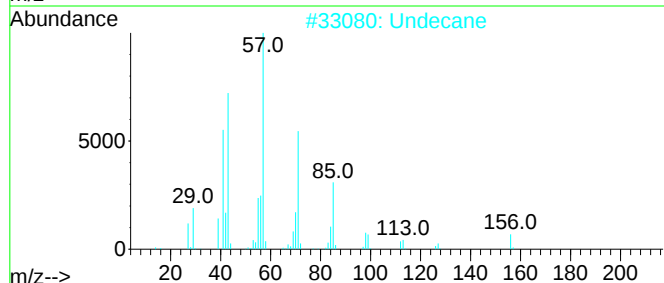
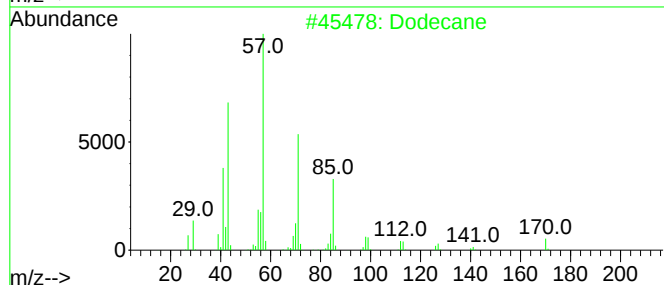
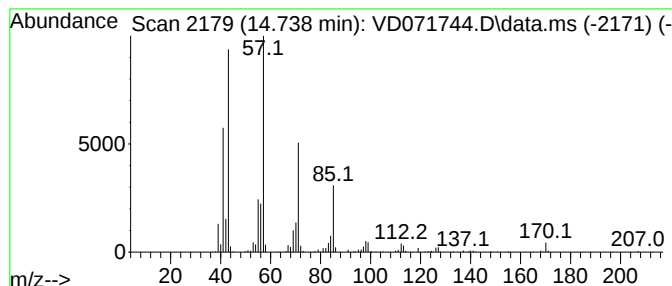
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Quant Title : SW846 8260

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

Peak Number 6 Dodecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.738	82.30 ug/l	729799	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane	170	C12H26	000112-40-3	94
2			Undecane	156	C11H24	001120-21-4	90
3			Nonane	128	C9H20	000111-84-2	64
4			Decane	142	C10H22	000124-18-5	64
5			Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
Data File : VD071744.D
Acq On : 19 Jan 2022 15:13
Operator : VA/SY
Sample : N1183-01RE
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1130RE

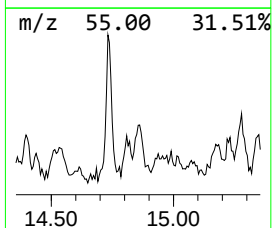
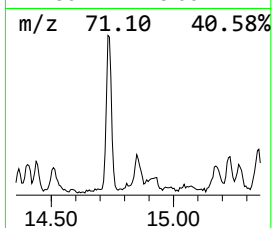
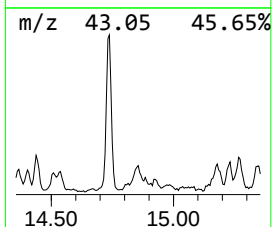
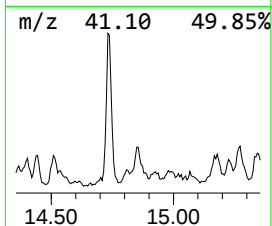
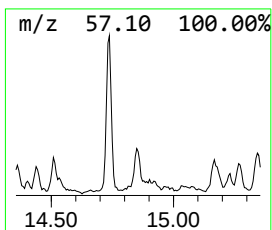
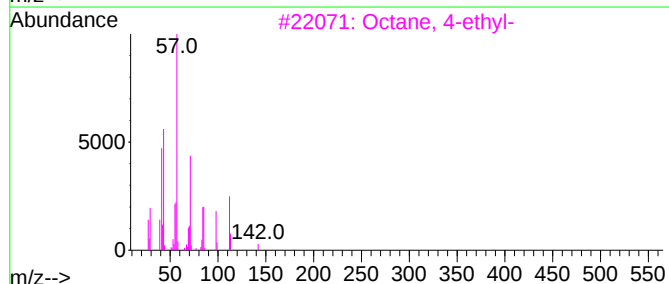
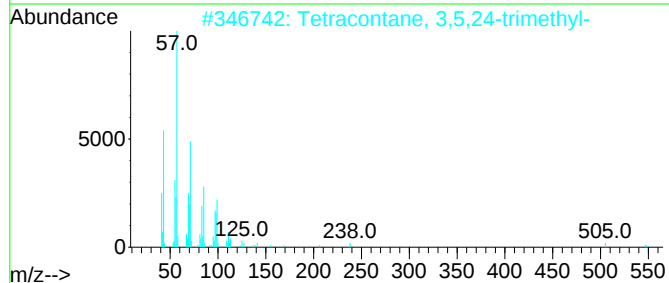
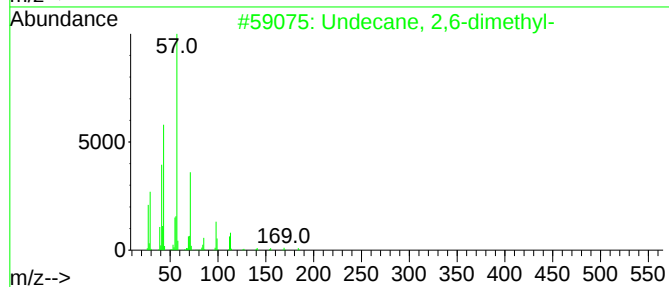
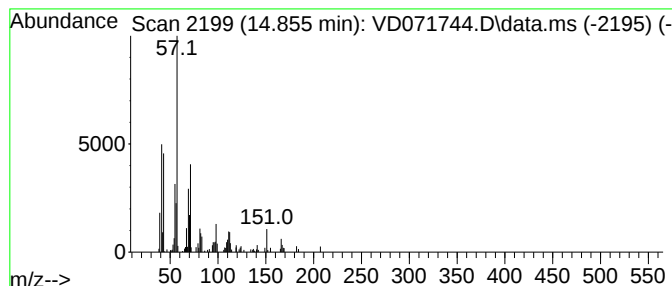
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Quant Title : SW846 8260

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.855	26.84 ug/l	237969	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
2			Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	59
3			Octane, 4-ethyl-	142	C10H22	015869-86-0	53
4			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	52
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
Data File : VD071744.D
Acq On : 19 Jan 2022 15:13
Operator : VA/SY
Sample : N1183-01RE
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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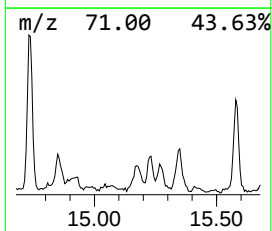
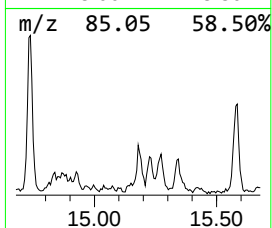
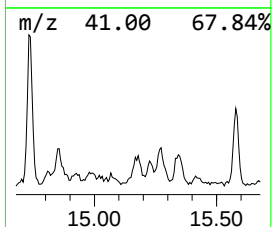
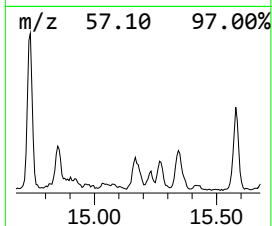
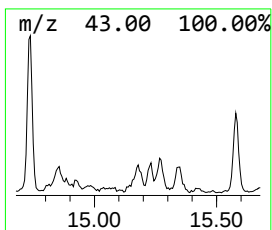
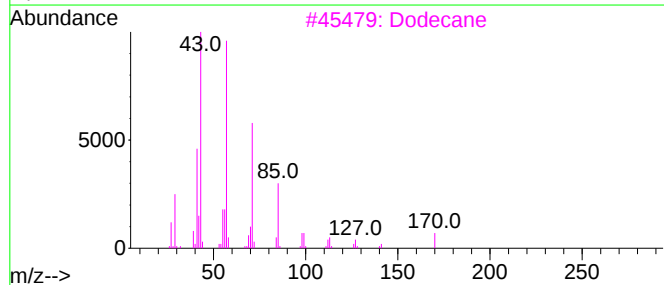
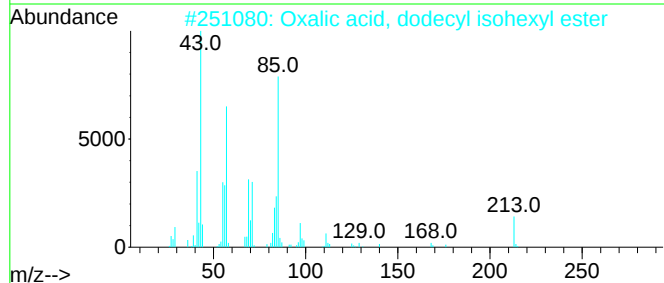
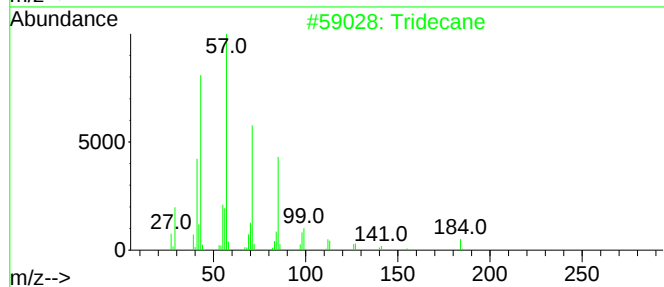
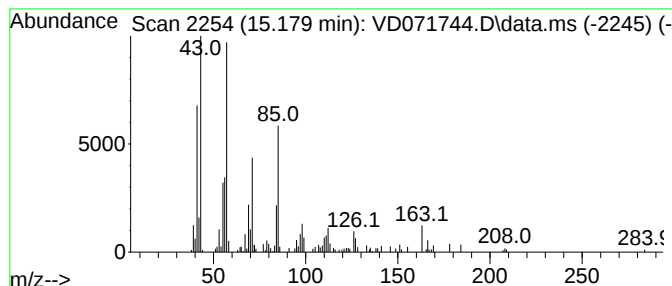
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Quant Title : SW846 8260

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

Peak Number 8 unknown15.179 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.179	28.99 ug/l	257065	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	49
2			Oxalic acid, dodecyl isohexyl ester	342	C20H38O4	1000309-33-5	47
3			Dodecane	170	C12H26	000112-40-3	43
4			Undecane, 2-methyl-	170	C12H26	007045-71-8	43
5			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	41



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
Data File : VD071744.D
Acq On : 19 Jan 2022 15:13
Operator : VA/SY
Sample : N1183-01RE
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1130RE

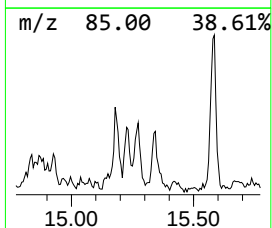
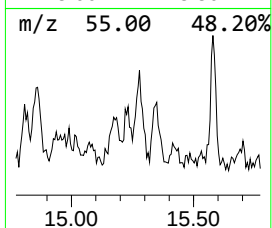
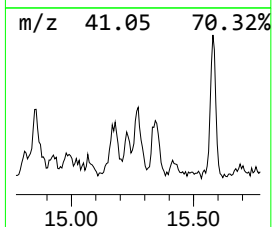
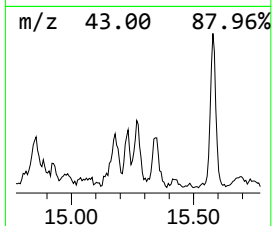
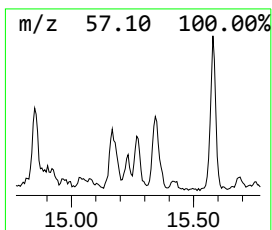
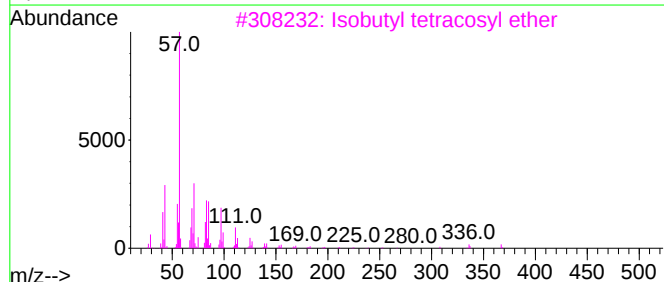
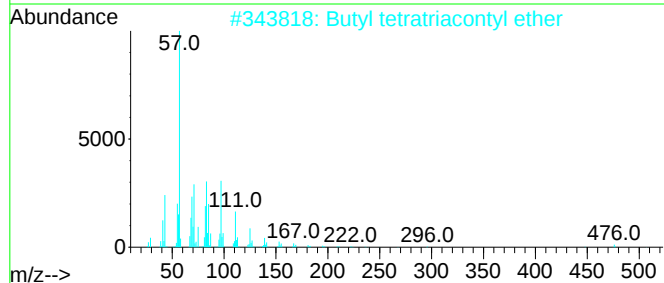
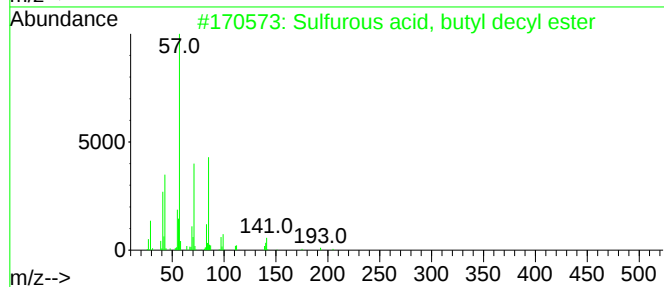
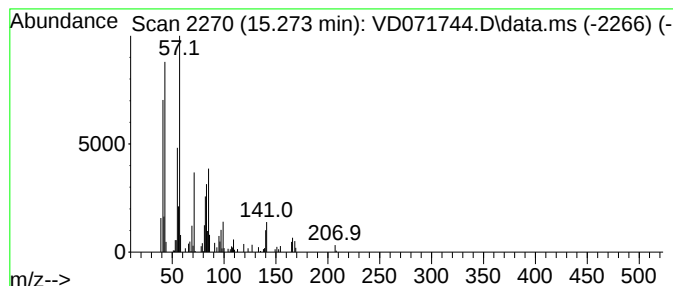
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Quant Title : SW846 8260

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

Peak Number 9 Sulfurous acid, butyl decyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.273	26.17 ug/l	232018	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	53
2			Butyl tetratriacontyl ether	551	C38H78O	1000406-41-4	53
3			Isobutyl tetracosyl ether	410	C28H58O	1000406-33-2	50
4			Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	47
5			Undecane, 3-methyl-	170	C12H26	001002-43-3	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
Data File : VD071744.D
Acq On : 19 Jan 2022 15:13
Operator : VA/SY
Sample : N1183-01RE
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1130RE

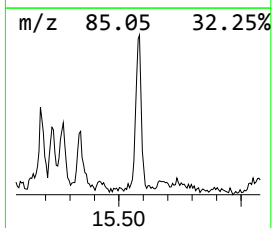
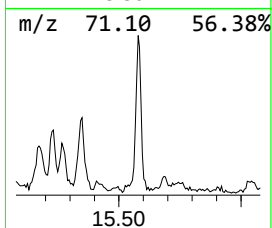
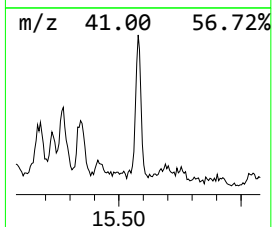
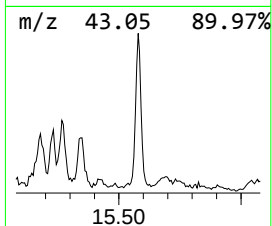
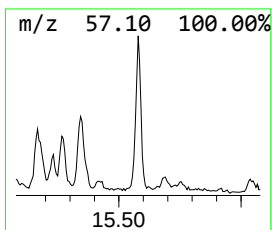
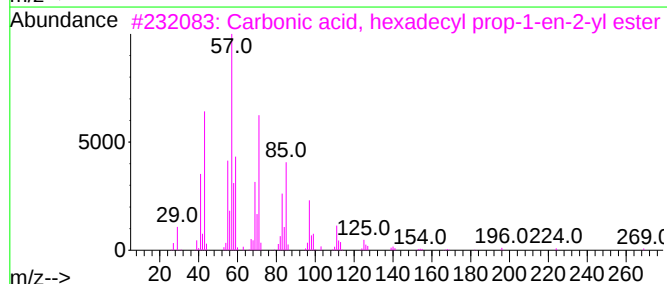
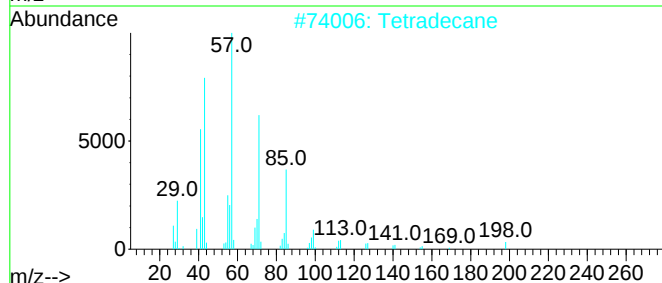
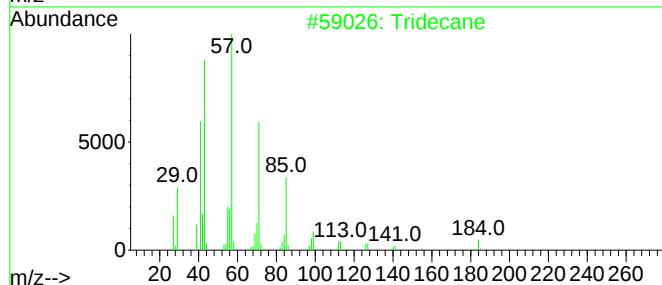
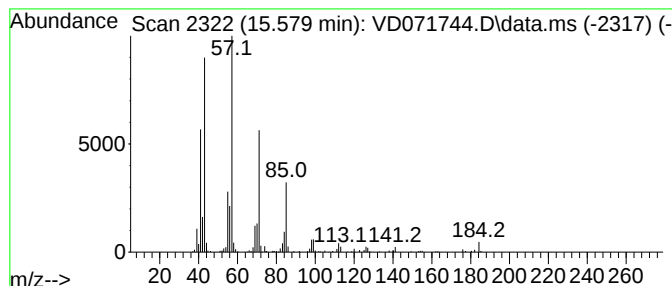
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Quant Title : SW846 8260

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

Peak Number 10 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.579	45.73 ug/l	405483	1,4-Dichlorobenzene-d4	13.567

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	94
2			Tetradecane	198	C14H30	000629-59-4	90
3			Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	86
4			Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	78
5			Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
Data File : VD071744.D
Acq On : 19 Jan 2022 15:13
Operator : VA/SY
Sample : N1183-01RE
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
1130RE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260

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

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					#	RT	Resp	Conc
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unknown13.314	13.314	40.9	ug/l	362334	4	13.567	443355	50.0
Nonyl tetradecy...	13.420	34.3	ug/l	304343	4	13.567	443355	50.0
1-Hexanol, 2-et...	13.655	152.3	ug/l	1350240	4	13.567	443355	50.0
Undecane	13.885	36.2	ug/l	320941	4	13.567	443355	50.0
Dodecane	14.738	82.3	ug/l	729799	4	13.567	443355	50.0
Undecane, 2,6-d...	14.855	26.8	ug/l	237969	4	13.567	443355	50.0
unknown15.179	15.179	29.0	ug/l	257065	4	13.567	443355	50.0
Sulfurous acid,...	15.273	26.2	ug/l	232018	4	13.567	443355	50.0
Tridecane	15.579	45.7	ug/l	405483	4	13.567	443355	50.0