

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
 Data File : VD073810.D
 Acq On : 07 Jul 2022 15:58
 Operator : VA/SY
 Sample : N3593-01
 Misc : 4.40G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20220483A-1A

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\82D070622S.M
 Title : SW846 8260

Signal : TIC: VD073810.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	14	rVB3	41654	49350	5.98%	0.436%
2	2.315	60	67	75	rBV2	42584	89716	10.86%	0.792%
3	2.485	92	96	101	rBV	11068	16310	1.98%	0.144%
4	3.026	182	188	198	rVB2	10822	23102	2.80%	0.204%
5	3.397	243	251	260	rBV7	9254	25251	3.06%	0.223%
6	4.156	369	380	389	rBV2	82919	231267	28.01%	2.041%
7	4.403	412	422	436	rBV	60548	171800	20.81%	1.516%
8	4.961	503	517	525	rBV6	11807	44004	5.33%	0.388%
9	5.985	682	691	694	rBV4	6910	15972	1.93%	0.141%
10	7.026	859	868	874	rBV4	4430	11451	1.39%	0.101%
11	7.208	887	899	910	rBV2	33583	95482	11.56%	0.843%
12	7.908	1007	1018	1023	rBV2	110202	271124	32.83%	2.393%
13	7.973	1023	1029	1038	rVB	161732	361837	43.82%	3.194%
14	8.320	1080	1088	1100	rBV	110611	260874	31.59%	2.303%
15	8.502	1103	1119	1128	rBV	48804	141988	17.20%	1.253%
16	8.714	1148	1155	1163	rBV9	6949	20873	2.53%	0.184%
17	8.855	1171	1179	1189	rBV	285691	577678	69.96%	5.099%
18	9.091	1212	1219	1226	rVB3	13796	28141	3.41%	0.248%
19	9.344	1249	1262	1268	rBV4	29122	90234	10.93%	0.796%
20	9.397	1268	1271	1277	rVB6	10281	20123	2.44%	0.178%
21	9.620	1299	1309	1316	rBV5	16687	39068	4.73%	0.345%
22	9.767	1329	1334	1346	rVB2	28513	61029	7.39%	0.539%
23	9.902	1346	1357	1363	rBV4	22683	54295	6.58%	0.479%
24	9.955	1363	1366	1371	rBV5	8220	12102	1.47%	0.107%
25	10.096	1383	1390	1396	rBV6	12766	31276	3.79%	0.276%
26	10.220	1407	1411	1413	rVV4	7325	11665	1.41%	0.103%
27	10.261	1413	1418	1422	rVV3	27535	46418	5.62%	0.410%
28	10.332	1423	1430	1439	rVV	453126	825740	100.00%	7.288%
29	10.514	1455	1461	1467	rVB10	15018	38219	4.63%	0.337%
30	10.632	1476	1481	1485	rVV6	18618	34428	4.17%	0.304%
31	10.673	1485	1488	1493	rVB6	10029	14050	1.70%	0.124%
32	10.944	1529	1534	1540	rVB3	27889	48090	5.82%	0.424%
33	11.038	1545	1550	1555	rBV2	24038	54487	6.60%	0.481%
34	11.114	1560	1563	1567	rBV6	14878	26441	3.20%	0.233%
35	11.179	1572	1574	1578	rVV5	8240	9613	1.16%	0.085%
36	11.238	1579	1584	1588	rVB3	40986	71773	8.69%	0.633%

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37	11.385	1607	1609	1612	rVV3	9144	8384	1.02%	0.074%
38	11.443	1615	1619	1627	rVB5	28606	53800	6.52%	0.475%
39	11.632	1644	1651	1661	rBV	397222	742311	89.90%	6.552%
40	11.826	1679	1684	1689	rBV3	38392	83158	10.07%	0.734%
41	11.879	1689	1693	1706	rVB5	54400	146593	17.75%	1.294%
42	11.985	1706	1711	1712	rBV3	38316	54526	6.60%	0.481%
43	12.073	1723	1726	1730	rBV3	23623	27728	3.36%	0.245%
44	12.138	1731	1737	1744	rVV7	73963	181558	21.99%	1.603%
45	12.255	1754	1757	1762	rVB2	107078	163973	19.86%	1.447%
46	12.367	1762	1776	1783	rBV3	219852	650000	78.72%	5.737%
47	12.455	1788	1791	1796	rVB4	47657	75492	9.14%	0.666%
48	12.620	1812	1819	1825	rVB2	378170	658021	79.69%	5.808%
49	12.708	1825	1834	1838	rBV7	101919	265566	32.16%	2.344%
50	12.861	1854	1860	1867	rBV6	126439	375016	45.42%	3.310%
51	12.949	1868	1875	1887	rVB6	116180	576532	69.82%	5.089%
52	13.085	1895	1898	1902	rVB3	80531	107199	12.98%	0.946%
53	13.132	1902	1906	1909	rVV4	68366	98174	11.89%	0.867%
54	13.196	1910	1917	1926	rVB6	94353	284962	34.51%	2.515%
55	13.302	1931	1935	1939	rBV3	76833	116007	14.05%	1.024%
56	13.420	1951	1955	1959	rBV4	81058	149845	18.15%	1.323%
57	13.473	1962	1964	1971	rVB3	158829	257824	31.22%	2.276%
58	13.561	1974	1979	1984	rBV	270490	435922	52.79%	3.848%
59	13.702	1999	2003	2007	rBV3	68478	93892	11.37%	0.829%
60	13.879	2029	2033	2039	rBV6	110350	185076	22.41%	1.634%
61	14.202	2084	2088	2092	rBV4	56548	86277	10.45%	0.762%
62	14.267	2096	2099	2106	rVB6	93590	160486	19.44%	1.417%
63	14.332	2106	2110	2114	rBV6	39491	67790	8.21%	0.598%
64	14.390	2115	2120	2124	rVV5	112706	188127	22.78%	1.660%
65	14.667	2165	2167	2171	rBV2	40804	52843	6.40%	0.466%
66	14.808	2188	2191	2195	rVV5	49052	80293	9.72%	0.709%
67	14.855	2195	2199	2205	rVB4	119902	224581	27.20%	1.982%
68	15.349	2278	2283	2289	rVB3	121548	248570	30.10%	2.194%
69	15.761	2349	2353	2360	rVB4	141475	263951	31.97%	2.330%
70	16.320	2444	2448	2456	rVB4	114448	239856	29.05%	2.117%

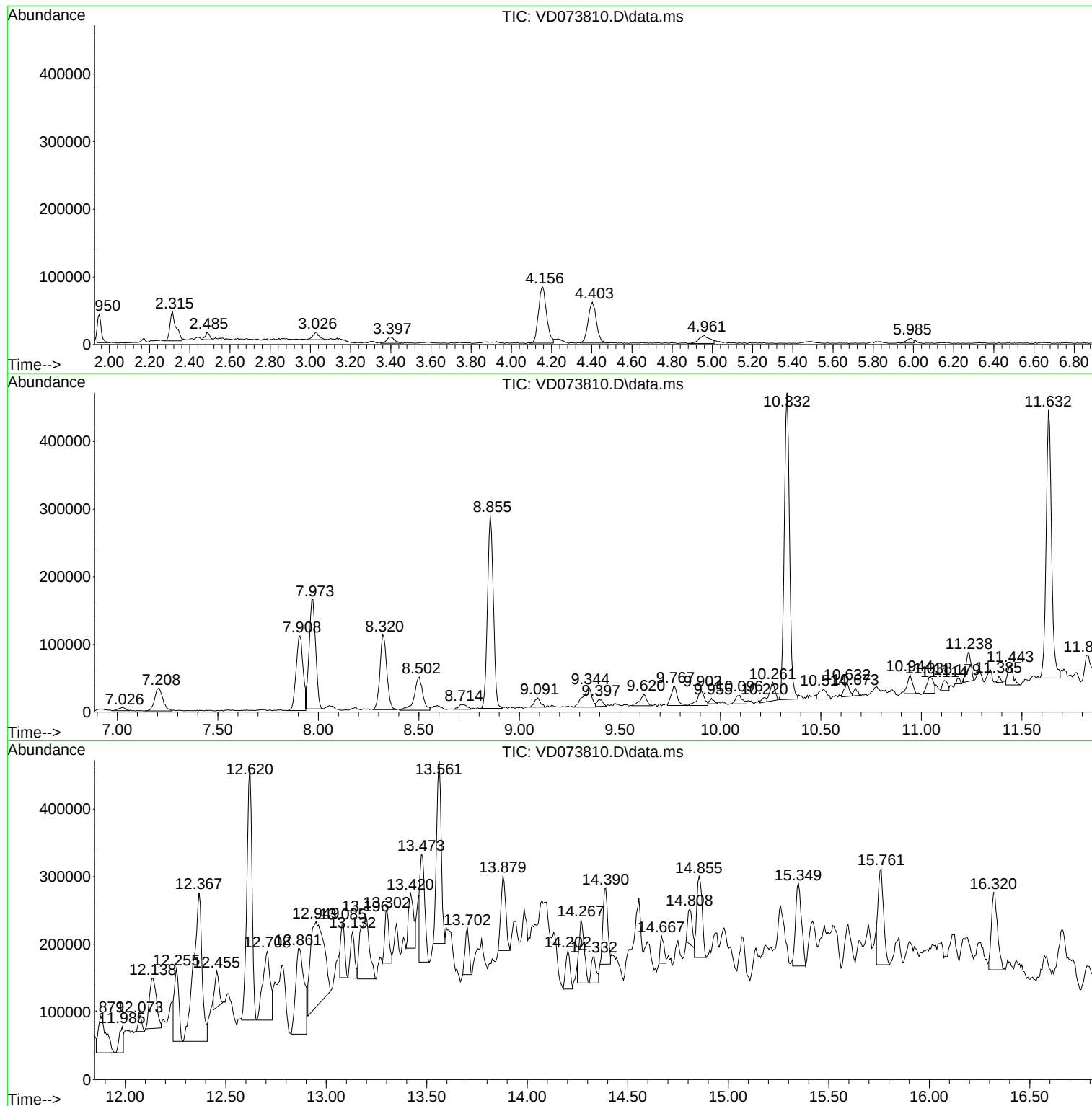
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Instrument :
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ClientSampleId :
20220483A-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
Quant Title : SW846 8260

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



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Instrument :
MSVOA_D
ClientSampleId :
20220483A-1A

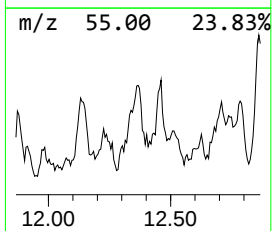
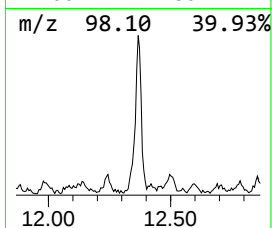
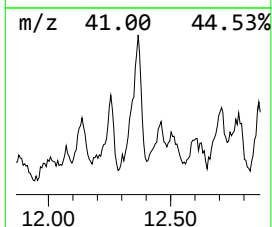
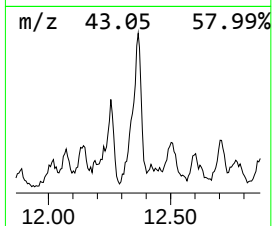
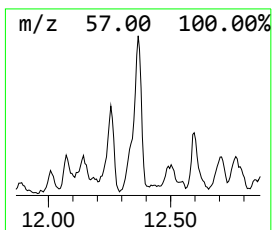
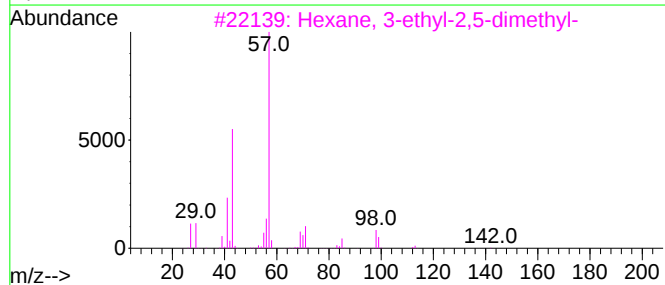
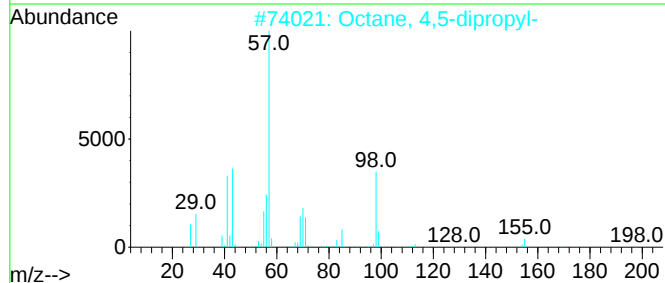
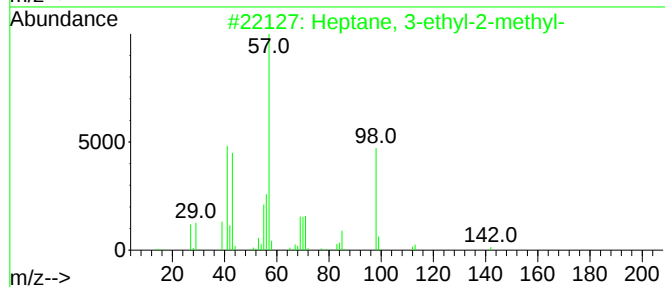
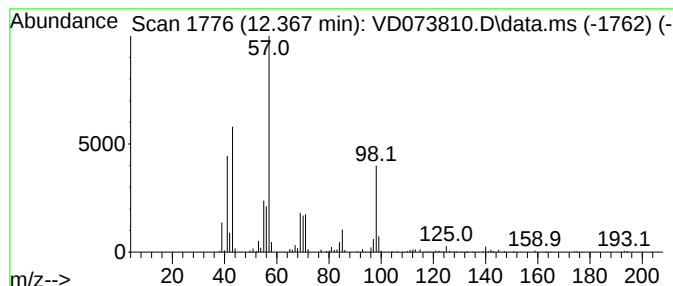
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
Quant Title : SW846 8260

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

Peak Number 1 Heptane, 3-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.367	43.78 ug/l	650000	Chlorobenzene-d5	11.632

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	91
2			Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	90
3			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	64
4			Carbonic acid, heptyl vinyl ester	186	C10H18O3	1010383-25-4	59
5			Carbonic acid, heptyl prop-1-en-...	200	C11H20O3	1000382-54-1	50



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ALS Vial : 13 Sample Multiplier: 1

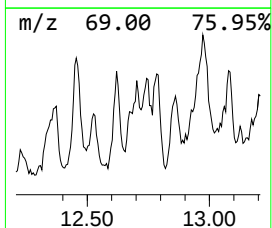
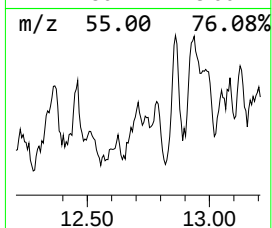
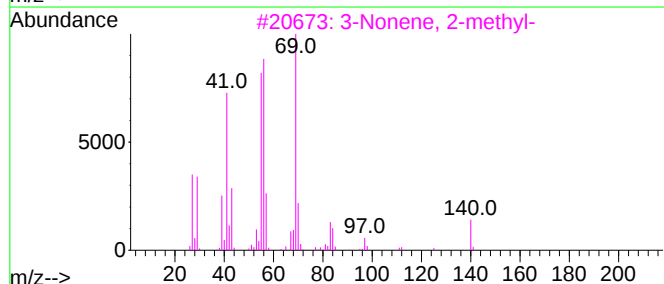
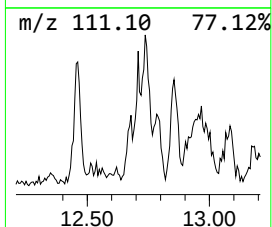
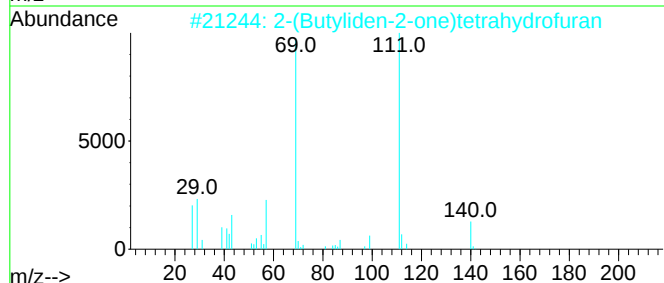
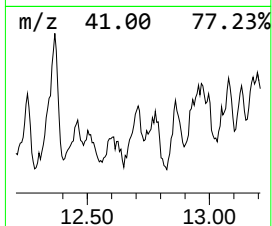
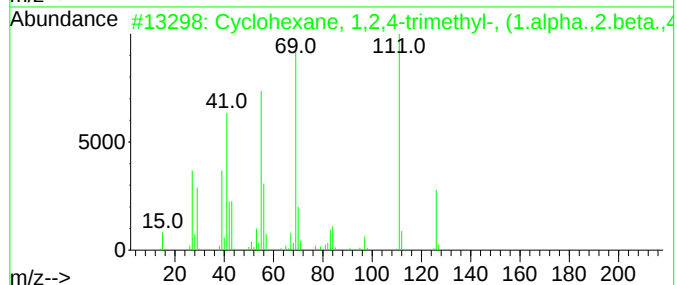
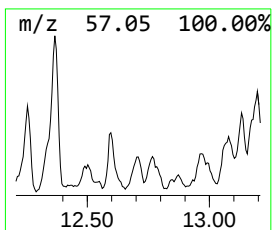
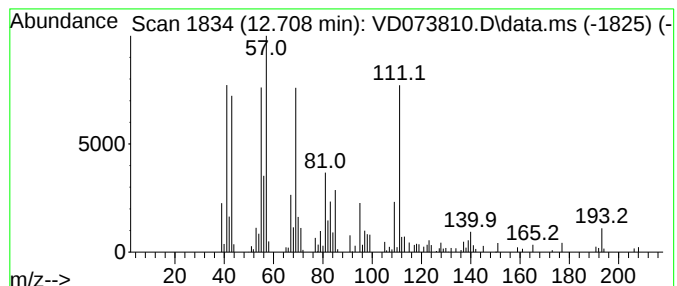
Instrument :
MSVOA_D
ClientSampleId :
20220483A-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
Quant Title : SW846 8260

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

Peak Number 2 Cyclohexane, 1,2,4-trimethy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.708	30.46 ug/l	265566	1,4-Dichlorobenzene-d4		13.561	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...)		126	C9H18	007667-60-9	50
2	2-(Butyliden-2-one)tetrahydrofuran		140	C8H12O2	343270-50-8	47
3	3-Nonene, 2-methyl-		140	C10H20	053966-53-3	30
4	Cyclohexane, 2-ethyl-1,3-dimethyl-		140	C10H20	007045-67-2	30
5	2-Nonene, 2-methyl-		140	C10H20	002129-95-5	27



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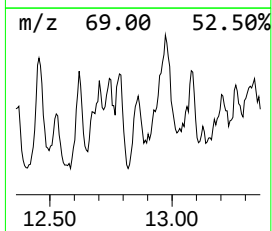
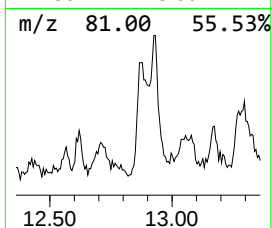
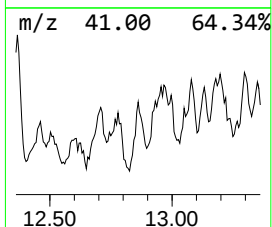
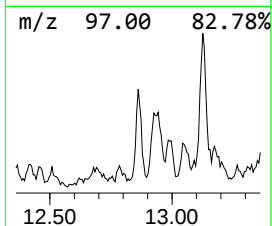
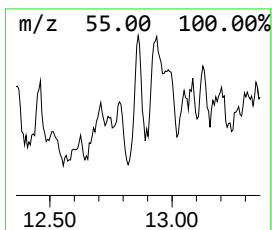
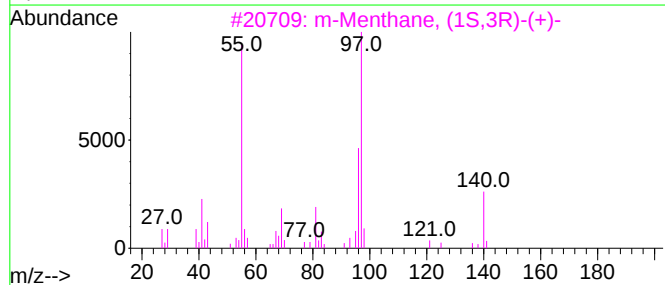
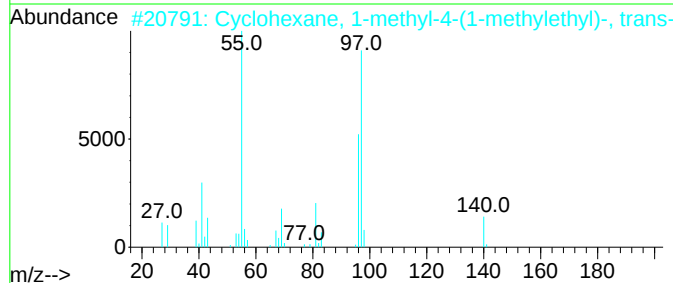
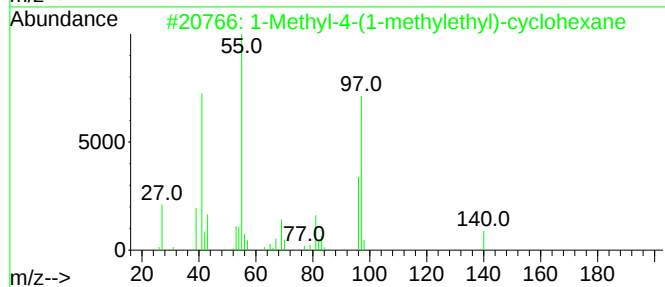
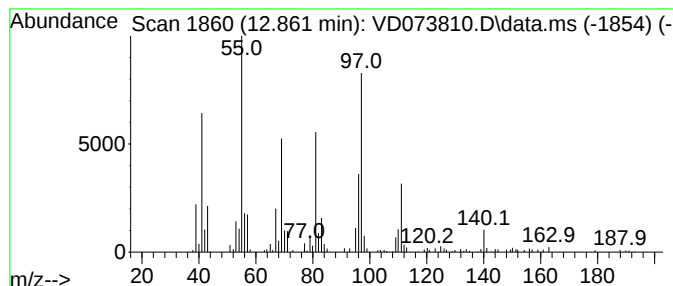
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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Peak Number 3 1-Methyl-4-(1-methylethyl)-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.861	43.01 ug/l	375016	1,4-Dichlorobenzene-d4		13.561	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1-Methyl-4-(1-methylethyl)-cyclo...		140	C10H20	000099-82-1	62
2	Cyclohexane, 1-methyl-4-(1-methy...		140	C10H20	001678-82-6	58
3	m-Menthane, (1S,3R)-(+)-		140	C10H20	013837-66-6	58
4	Cyclohexane, 1-methyl-4-(1-methy...		140	C10H20	006069-98-3	58
5	m-Menthane, (1S,3S)-(+)-		140	C10H20	013837-67-7	53



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MSVOA_D
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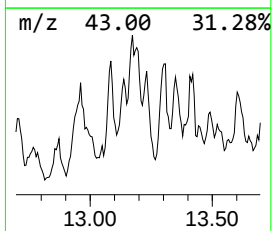
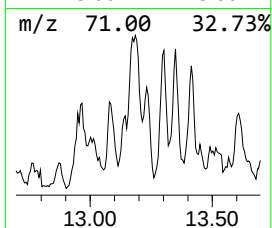
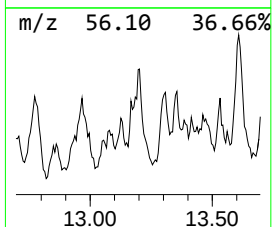
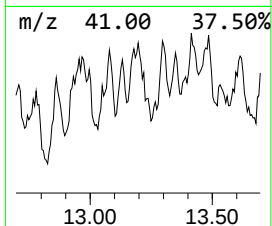
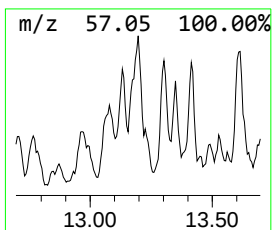
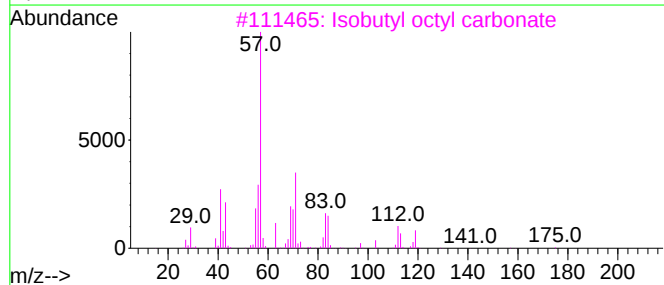
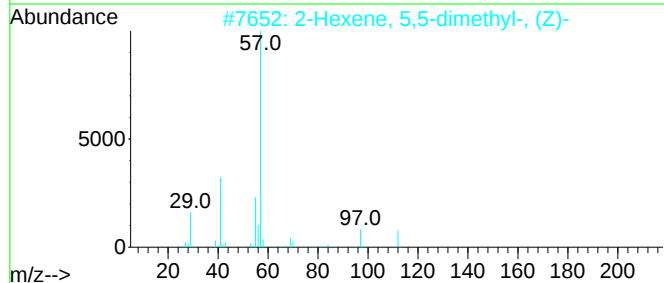
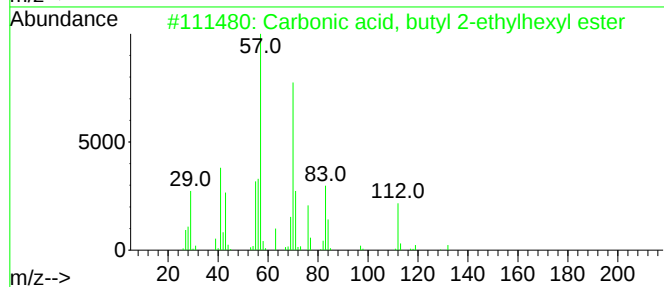
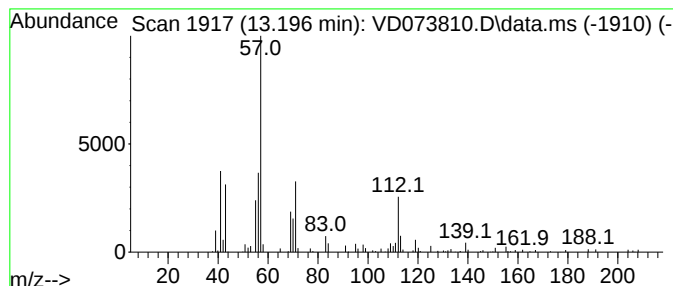
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
Quant Title : SW846 8260

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

Peak Number 4 Carbonic acid, butyl 2-ethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.196	32.69 ug/l	284962	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbonic acid, butyl 2-ethylhexy...	230	C13H26O3	1000357-84-4	50
2			2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	43
3			Isobutyl octyl carbonate	230	C13H26O3	1010372-74-6	42
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	38
5			Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
Data File : VD073810.D
Acq On : 07 Jul 2022 15:58
Operator : VA/SY
Sample : N3593-01
Misc : 4.40G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20220483A-1A

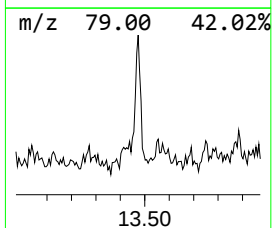
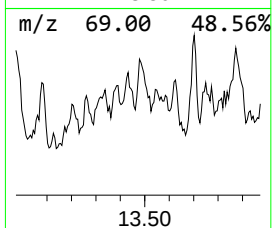
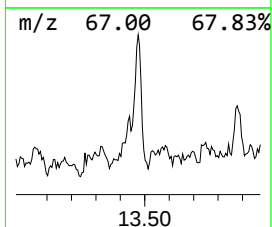
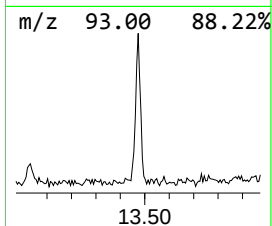
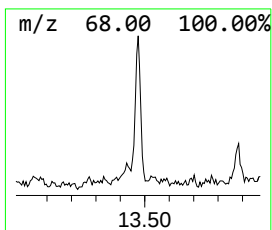
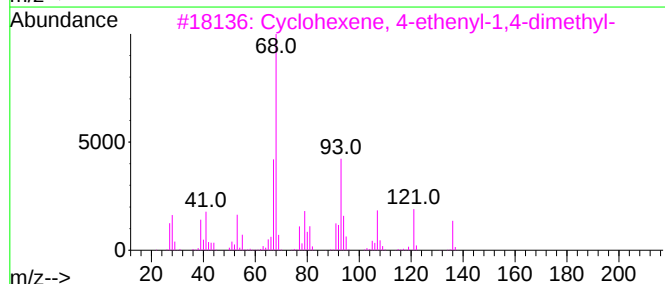
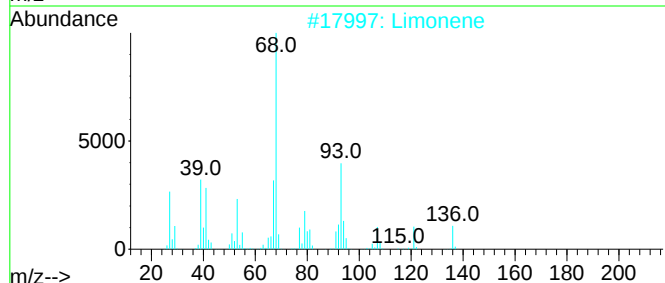
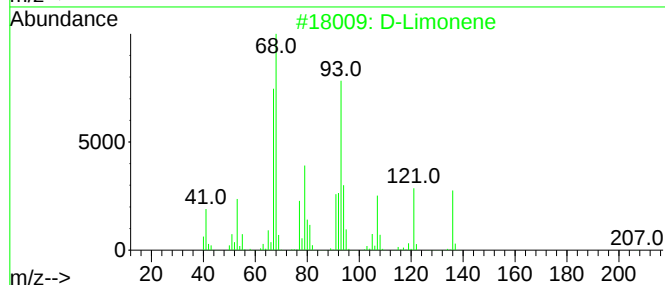
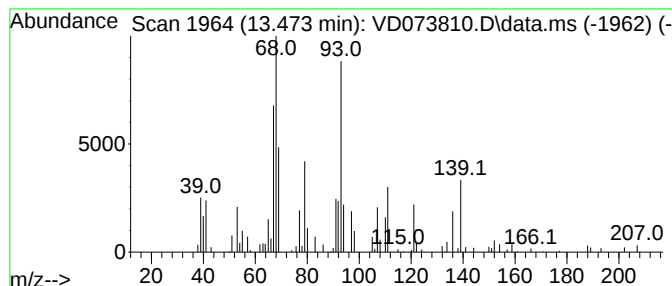
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Quant Title : SW846 8260

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

Peak Number 5 D-Limonene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.473	29.57 ug/l	257824	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			D-Limonene	136	C10H16	005989-27-5	95
2			Limonene	136	C10H16	000138-86-3	64
3			Cyclohexene, 4-ethenyl-1,4-dimet...	136	C10H16	001743-61-9	52
4			Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	001461-27-4	49
5			Bicyclo[2.2.1]heptane, 7,7-dimet...	136	C10H16	000471-84-1	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
Data File : VD073810.D
Acq On : 07 Jul 2022 15:58
Operator : VA/SY
Sample : N3593-01
Misc : 4.40G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

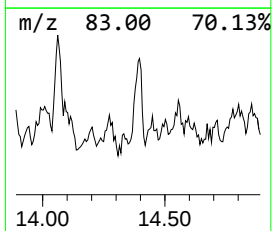
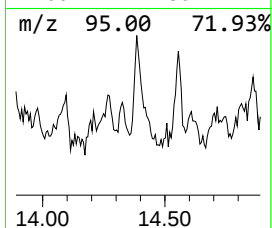
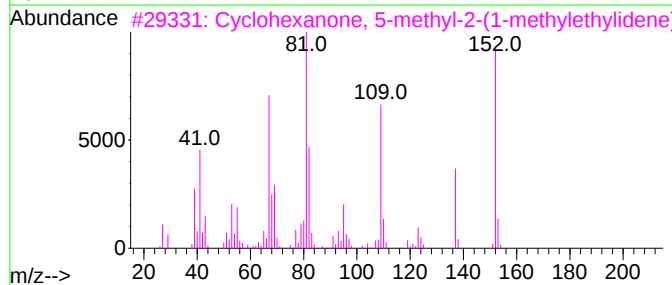
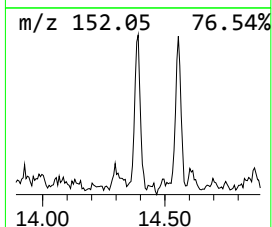
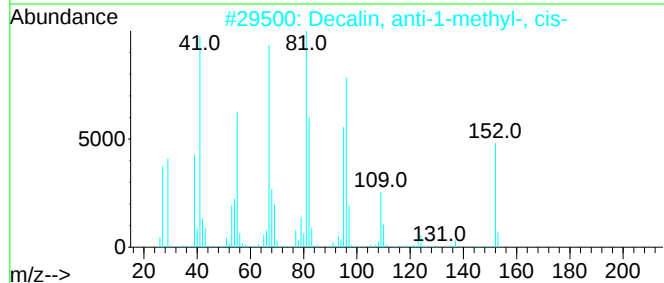
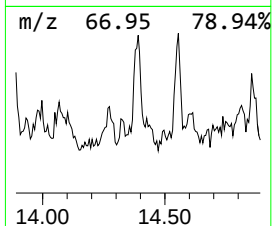
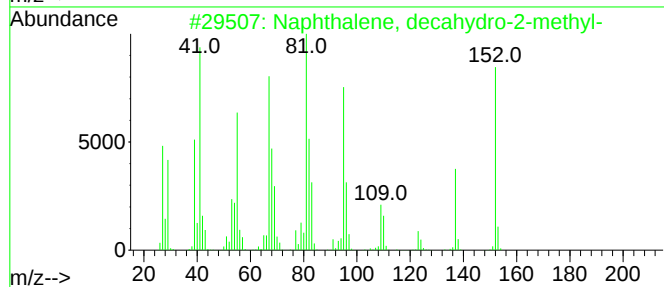
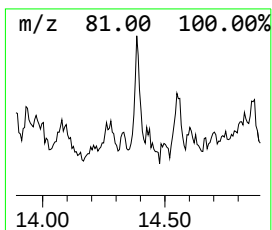
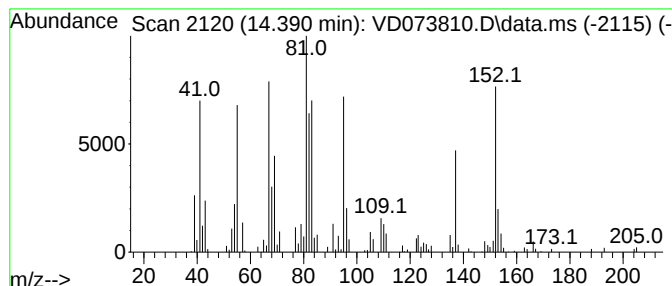
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MSVOA_D
ClientSampleId :
20220483A-1A

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Quant Title : SW846 8260

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

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.390	21.58 ug/l	188127	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	80
2	Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	62
3	Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58
4	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	58
5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
Data File : VD073810.D
Acq On : 07 Jul 2022 15:58
Operator : VA/SY
Sample : N3593-01
Misc : 4.40G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20220483A-1A

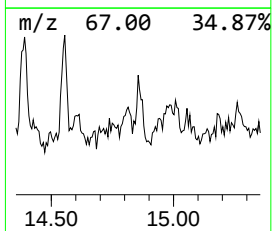
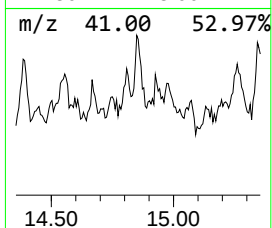
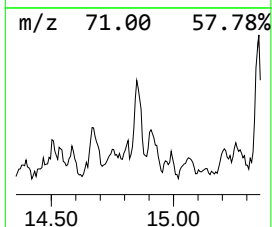
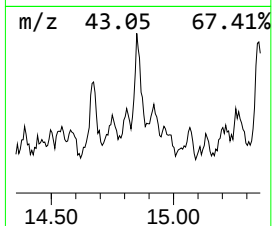
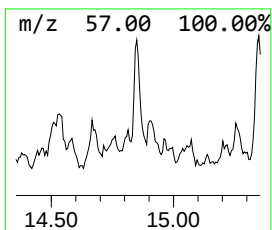
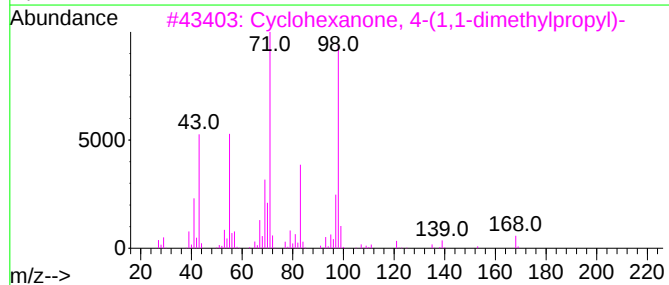
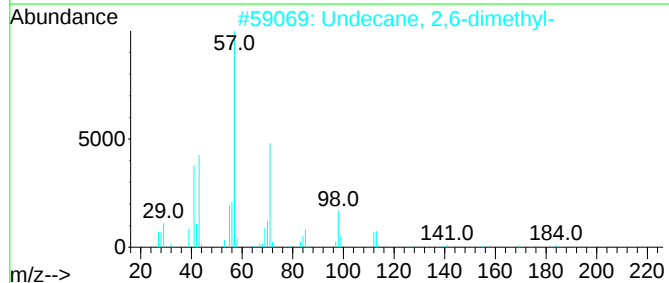
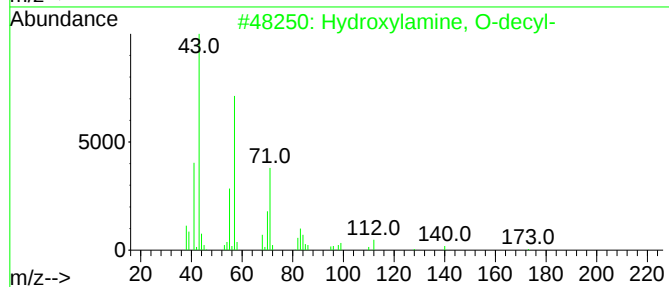
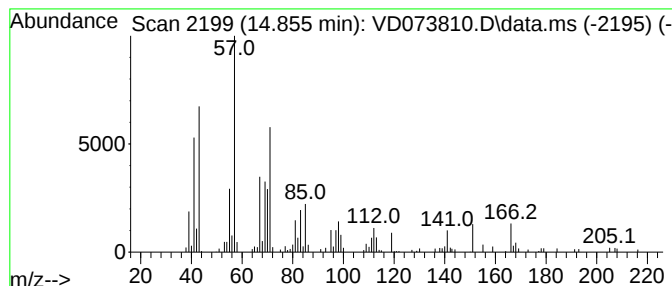
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Quant Title : SW846 8260

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

Peak Number 7 unknown14.855 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.855	25.76 ug/l	224581	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	45
2			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
3			Cyclohexanone, 4-(1,1-dimethylpr...	168	C11H20O	016587-71-6	38
4			Decanohydrazide	186	C10H22N2O	020478-70-0	35
5			5-Hydroxy-2-methyl-hex-3-enoic acid	144	C7H12O3	1000190-96-0	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
Data File : VD073810.D
Acq On : 07 Jul 2022 15:58
Operator : VA/SY
Sample : N3593-01
Misc : 4.40G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20220483A-1A

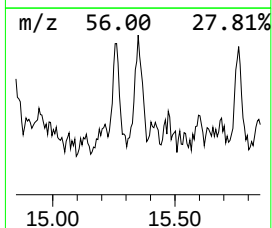
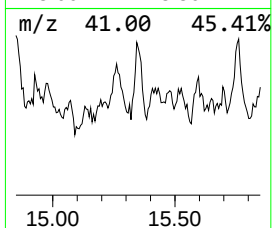
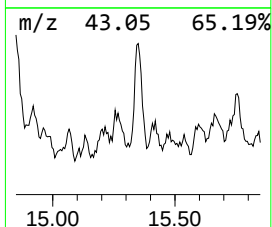
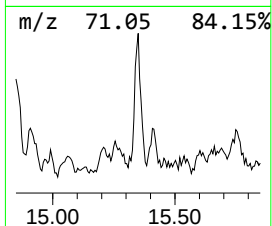
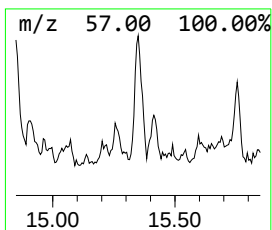
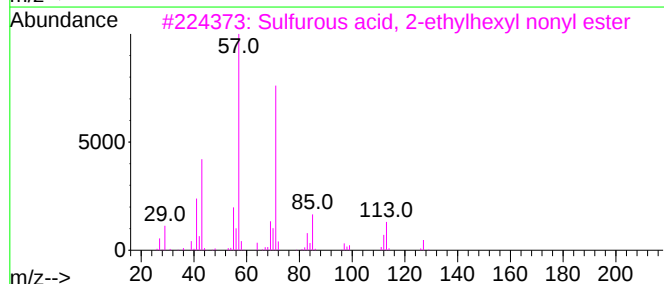
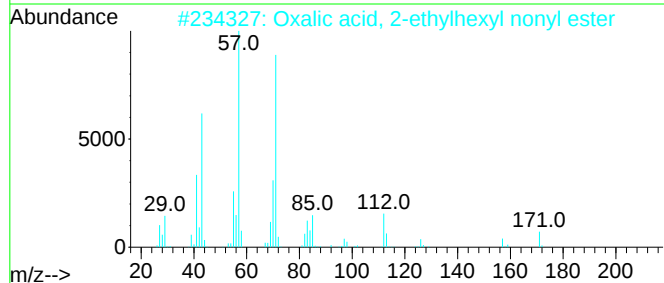
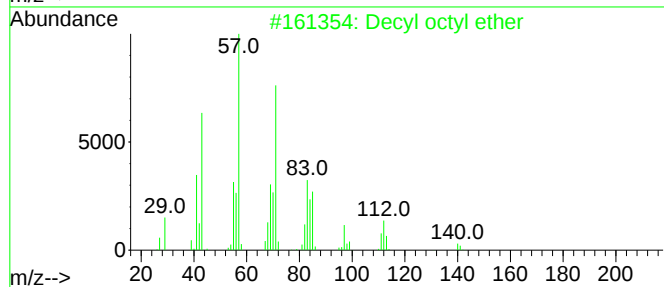
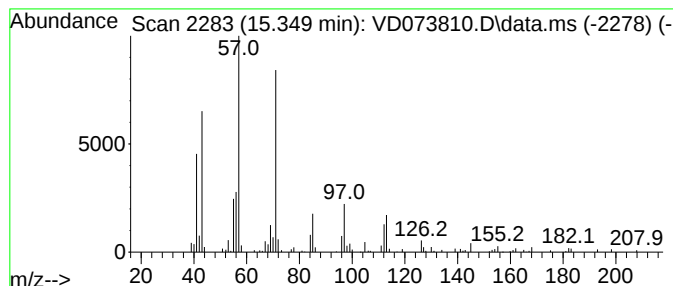
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Quant Title : SW846 8260

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

Peak Number 8 Decyl octyl ether Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.349	28.51 ug/l	248570	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decyl octyl ether	270	C18H38O	1000406-38-3	64
2			Oxalic acid, 2-ethylhexyl nonyl ...	328	C19H36O4	1000309-39-2	64
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	59
4			Tridecane, 7-methyl-	198	C14H30	026730-14-3	58
5			Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
Data File : VD073810.D
Acq On : 07 Jul 2022 15:58
Operator : VA/SY
Sample : N3593-01
Misc : 4.40G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20220483A-1A

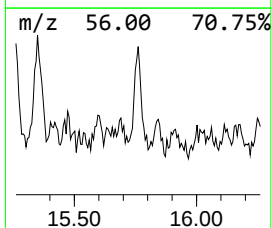
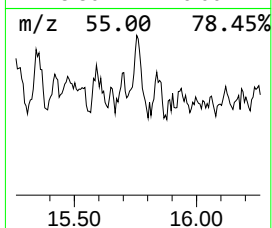
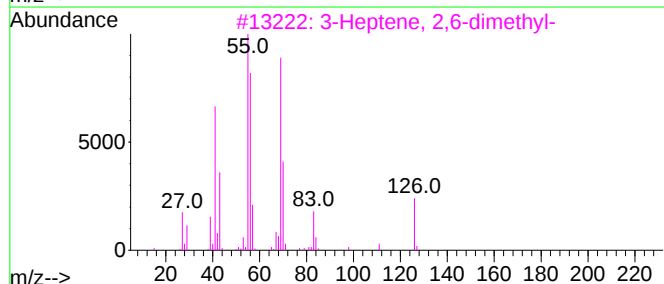
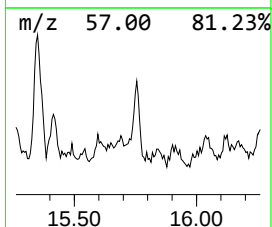
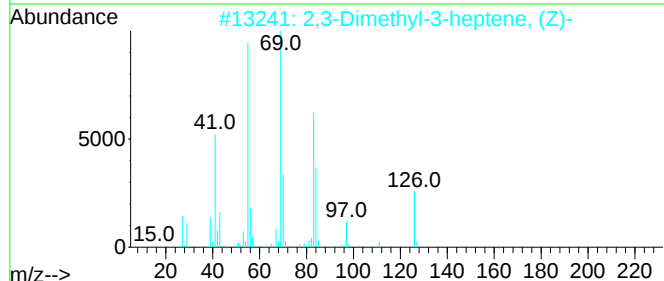
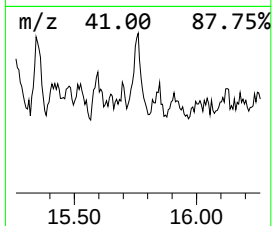
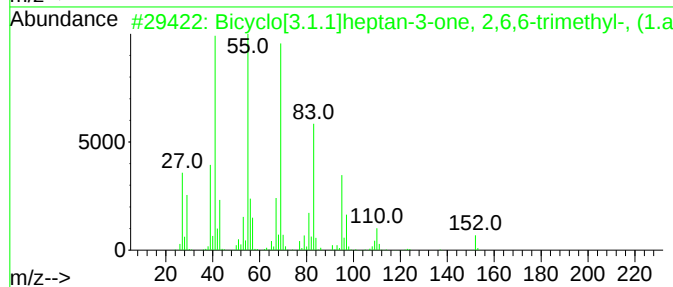
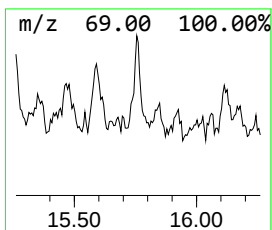
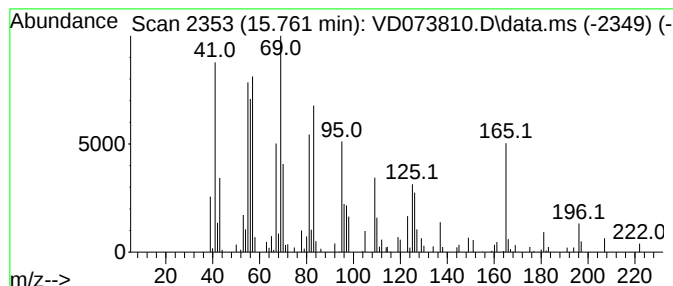
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Quant Title : SW846 8260

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

Peak Number 9 unknown15.761 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.761	30.27 ug/l	263951	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
2			2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	35
3			3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	30
4			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	20
5			2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	18



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
Data File : VD073810.D
Acq On : 07 Jul 2022 15:58
Operator : VA/SY
Sample : N3593-01
Misc : 4.40G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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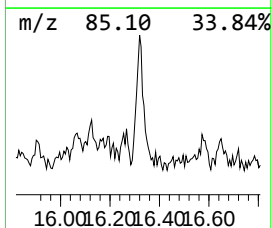
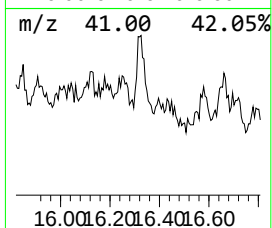
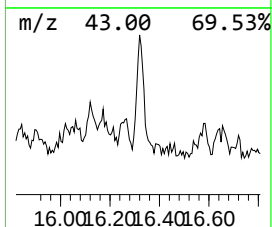
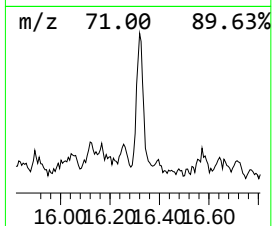
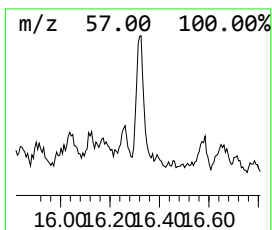
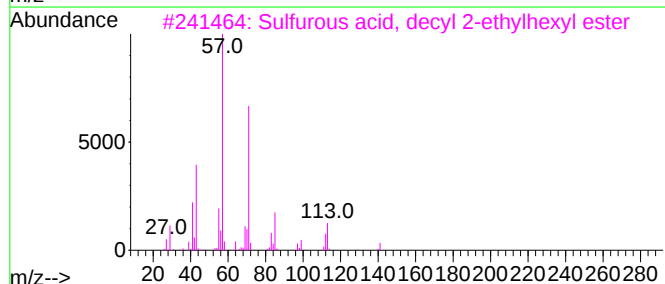
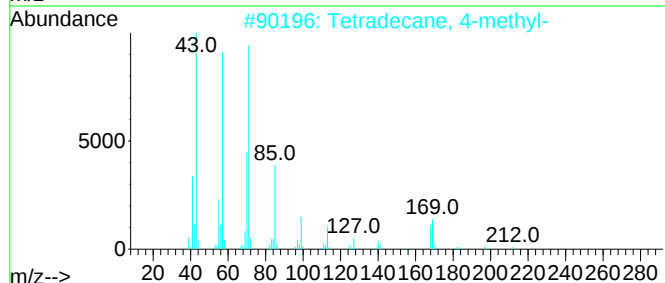
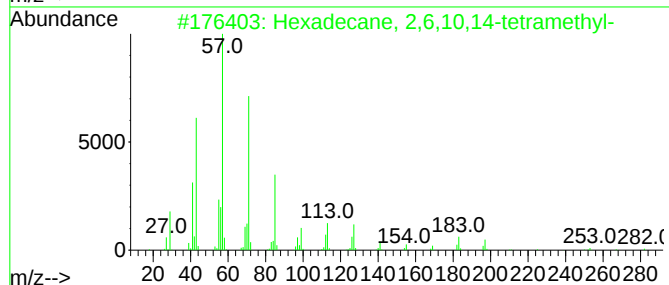
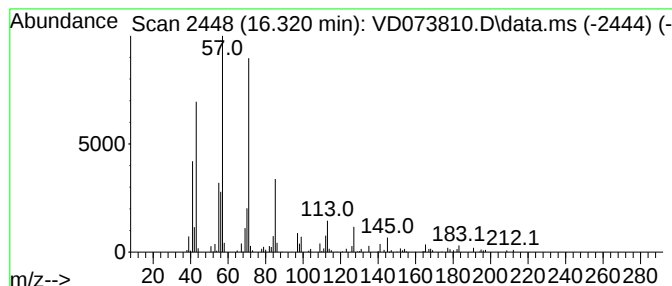
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Quant Title : SW846 8260

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

Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.320	27.51 ug/l	239856	1,4-Dichlorobenzene-d4	13.561

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
2			Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64
3			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	53
4			Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	53
5			Nonane, 2,3-dimethyl-	156	C11H24	002884-06-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070722\
Data File : VD073810.D
Acq On : 07 Jul 2022 15:58
Operator : VA/SY
Sample : N3593-01
Misc : 4.40G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20220483A-1A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.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, 1,...	12.708	30.5	ug/l	265566	4	13.561	435922	50.0
1-Methyl-4-(1-m...	12.861	43.0	ug/l	375016	4	13.561	435922	50.0
Carbonic acid, ...	13.196	32.7	ug/l	284962	4	13.561	435922	50.0
D-Limonene	13.473	29.6	ug/l	257824	4	13.561	435922	50.0
Naphthalene, de...	14.390	21.6	ug/l	188127	4	13.561	435922	50.0
unknown14.855	14.855	25.8	ug/l	224581	4	13.561	435922	50.0
Decyl octyl ether	15.349	28.5	ug/l	248570	4	13.561	435922	50.0
unknown15.761	15.761	30.3	ug/l	263951	4	13.561	435922	50.0
Hexadecane, 2,6...	16.320	27.5	ug/l	239856	4	13.561	435922	50.0