LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073512.D
Acq On : 09 Jun 2022 16:21
Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

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\82D060922S.M
Title : SW846 8260

Signal : TIC: VD073512.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.026	178	188	208	rBV	6052139	13297308	4.08%	0.191%
2	3.403	242	252	269	rVB	1732039	4194731	1.29%	0.060%
3	4.138	362	377	400	rBV3	2242981	7881419	2.42%	0.113%
4	5.014	500	526	559	rVB	21074103	109284805	33.51%	1.567%
5	5.491	589	607	635	rBV	32821971	128633935	39.45%	1.844%
6	6.767	800	824	839	rBV	7817306	28803578	8.83%	0.413%
7	6.926	839	851	861	rBV	12035571	40981018	12.57%	0.588%
8	7.026	861	868	879	rVB	5611130	16449843	5.04%	0.236%
9	7.208	888	899	914	rVB	2442222	8381232	2.57%	0.120%
10	7.738	968	989	1005	rBV2	6490012	22064448	6.77%	0.316%
11	7.973	1018	1029	1038	rVV4	24641648	83445393	25.59%	1.196%
12	8.073	1038	1046	1057	rVV	32232521	96392031	29.56%	1.382%
13	8.202	1057	1068	1075	rVV2	59733163	189388856	58.08%	2.716%
14	8.261	1075	1078	1099	rVV	25580641	53586094	16.43%	0.768%
15	8.467	1101	1113	1120	rVV2	49309783	145250665	44.54%	2.083%
16	8.543	1120	1126	1131	rVV	42084304	107002770	32.81%	1.534%
17	8.608	1131	1137	1148	rVV	59858900	155556861	47.70%	2.230%
18	8.726	1150	1157	1165	rVB	3238858	8083500	2.48%	0.116%
19	8.867	1173	1181	1186	rBV2	5334702	13512025	4.14%	0.194%
20	9.190	1214	1236	1249	rBV2	9075508	43246648	13.26%	0.620%
21	9.361	1249	1265	1269	rBV3	99883234	325409352	99.79%	4.666%
22	9.496	1284	1288	1291	rBV2	3080716	5538986	1.70%	0.079%
23	9.543	1291	1296	1302	rVB2	27862428	52846335	16.21%	0.758%
24	9.638	1302	1312	1319	rVB2	40608285	114465647	35.10%	1.641%
25	9.773	1319	1335	1344	rBV2	42237805	98771450	30.29%	1.416%
26	9.873	1345	1352	1355	rBV2	10839973	20849384	6.39%	0.299%
27	9.926	1355	1361	1365	rBV	24748066	50104358	15.36%	0.718%
28	9.990	1365	1372	1385	rVB3	50192078	198455553	60.86%	2.846%
29	10.126	1385	1395	1407	rBV5	53091786	217325025	66.64%	3.116%
30	10.232	1407	1413	1426	rVB5	14885913	50191090	15.39%	0.720%
31	10.355	1426	1434	1438	rBV3	86187259	261235688	80.11%	3.746%
32	10.473	1449	1454	1456	rBV	10432491	16890606	5.18%	0.242%
33	10.520	1456	1462	1471	rVB4	54529549	150254015	46.08%	2.154%
34	10.643	1474	1483	1485	rBV4	14068433	26409609	8.10%	0.379%
35	10.685	1485	1490	1497	rVB3	71508012	156815074	48.09%	2.249%
36	10.779	1497	1506	1512	rBV6	60662224	168460849	51.66%	2.416%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
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Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

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\82D060922S.M
Title : SW846 8260

37	10.867	1517	1521	1527	rVB	34786217	64204181	19.69%	0.921%
38	10.967	1527	1538	1544	rBV2	53453125	131751407	40.40%	1.889%
39	11.073	1549	1556	1563	rVV2	53731541	140033623	42.94%	2.008%
40	11.143	1563	1568	1573	rVV4	39690632	116490362	35.72%	1.670%
41	11.202	1573	1578	1583	rVV2	70184108	179675766	55.10%	2.576%
42	11.255	1583	1587	1592	rVV2	72038465	159395543	48.88%	2.286%
43	11.302	1592	1595	1600	rVV2	32968432	57014794	17.48%	0.818%
44	11.361	1600	1605	1609	rVV3	44544161	95096797	29.16%	1.364%
45	11.443	1609	1619	1629	rVV7	87694065	326094688	100.00%	4.676%
46	11.537	1629	1635	1646	rVB3	64984361	161838257	49.63%	2.321%
47	11.649	1649	1654	1658	rBV4	6850162	11958173	3.67%	0.171%
48	11.743	1666	1670	1673	rBV	7228798	11075386	3.40%	0.159%
49	11.784	1673	1677	1680	rVV	25680162	42024166	12.89%	0.603%
50	11.832	1680	1685	1690	rVV4	30993052	72622540	22.27%	1.041%
51	11.896	1690	1696	1700	rVV4	67845684	166034846	50.92%	2.381%
52	11.931	1700	1702	1708	rVB2	48871388	76939375	23.59%	1.103%
53	11.990	1708	1712	1714	rBV2	3340055	4710249	1.44%	0.068%
54	12.079	1722	1727	1733	rVB3	35304585	73608154	22.57%	1.055%
55	12.155	1733	1740	1747	rBV4	74389901	213157168	65.37%	3.056%
56	12.273	1756	1760	1765	rVB3	48702124	86347826	26.48%	1.238%
57	12.349	1765	1773	1776	rBV4	48433436	115607824	35.45%	1.658%
58	12.396	1776	1781	1790	rVB6	51135251	135678992	41.61%	1.945%
59	12.473	1791	1794	1796	rBV3	12386032	17095927	5.24%	0.245%
60	12.637	1817	1822	1824	rBV5	18575414	29860575	9.16%	0.428%
61	12.667	1824	1827	1831	rVV2	37113064	57006353	17.48%	0.817%
62	12.714	1831	1835	1840	rVV4	20716296	39356679	12.07%	0.564%
63	12.767	1841	1844	1845	rVV2	12153051	15548280	4.77%	0.223%
64	12.802	1845	1850	1856	rVB4	37757237	87349044	26.79%	1.252%
65	12.873	1856	1862	1867	rBV5	21023101	45175270	13.85%	0.648%
66	12.955	1868	1876	1881	rVV3	52601079	132917002	40.76%	1.906%
67	13.008	1881	1885	1890	rVB2	35963826	60301494	18.49%	0.865%
68	13.090	1894	1899	1903	rBV2	25988480	41541309	12.74%	0.596%
69	13.143	1903	1908	1910	rVV2	26752323	46557243	14.28%	0.668%
70	13.178	1910	1914	1921	rVB2	47020785	82159651	25.20%	1.178%
71	13.308	1932	1936	1940	rVB2	19119196	27423104	8.41%	0.393%
72	13.355	1941	1944	1947	rBV2	9964350	14419018	4.42%	0.207%
73	13.461	1954	1962	1965	rBV4	40161892	88359832	27.10%	1.267%
74	13.496	1965	1968	1971	rVV2	31305299	44127178	13.53%	0.633%
75	13.531	1971	1974	1977	rVV	17805563	25149819	7.71%	0.361%
76	13.561	1977	1979	1983	rVB3	16557944	18651343	5.72%	0.267%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073512.D
Acq On : 09 Jun 2022 16:21
Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

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\82D060922S.M
Title : SW846 8260

77	13.637	1988	1992	1998	rVB2	18812734	31362932	9.62%	0.450%
78	13.714	2000	2005	2018	rVB6	12800457	39310389	12.05%	0.564%
79	13.884	2029	2034	2039	rBV2	44403770	80417744	24.66%	1.153%
80	13.926	2039	2041	2046	rVV	15606507	20460551	6.27%	0.293%
81	13.990	2048	2052	2056	rVV2	11889122	17617250	5.40%	0.253%
82	14.043	2056	2061	2064	rVV4	7254335	15317963	4.70%	0.220%
83	14.102	2067	2071	2076	rVB	18824795	29489862	9.04%	0.423%
84	14.208	2084	2089	2094	rBV4	13251513	22941525	7.04%	0.329%
85	14.273	2095	2100	2106	rVV6	10276358	18715382	5.74%	0.268%
86	14.396	2117	2121	2125	rVB3	21569854	31459757	9.65%	0.451%
87	14.508	2136	2140	2144	rBV4	11742702	16997788	5.21%	0.244%
88	14.555	2144	2148	2154	rVB5	10202155	17924462	5.50%	0.257%
89	14.737	2174	2179	2185	rVB2	15140684	24340065	7.46%	0.349%
90	14.808	2185	2191	2195	rBV3	15340550	30434675	9.33%	0.436%
91	14.855	2195	2199	2206	rVB3	15121764	30311511	9.30%	0.435%
92	15.073	2233	2236	2241	rVB4	5031170	7717416	2.37%	0.111%
93	15.278	2266	2271	2277	rVB5	5738161	12881642	3.95%	0.185%
94	15.343	2277	2282	2290	rVB	6006719	10931456	3.35%	0.157%
95	15.572	2318	2321	2331	rVB3	4095707	8339524	2.56%	0.120%
96	15.755	2349	2352	2359	rVB7	1625882	3333403	1.02%	0.048%

Sum of corrected areas: 6974124716

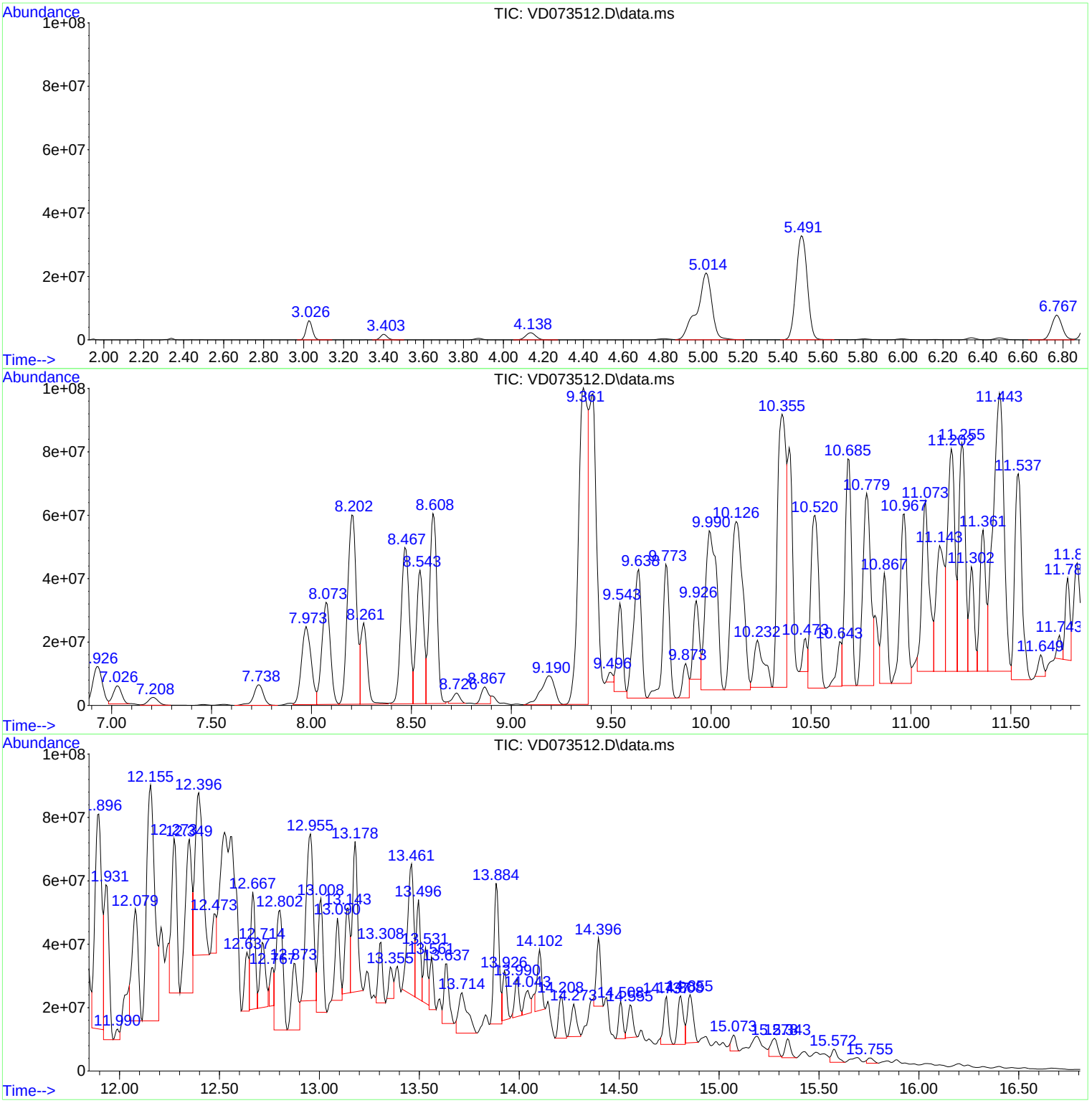
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073512.D
Acq On : 09 Jun 2022 16:21
Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073512.D
Acq On : 09 Jun 2022 16:21
Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

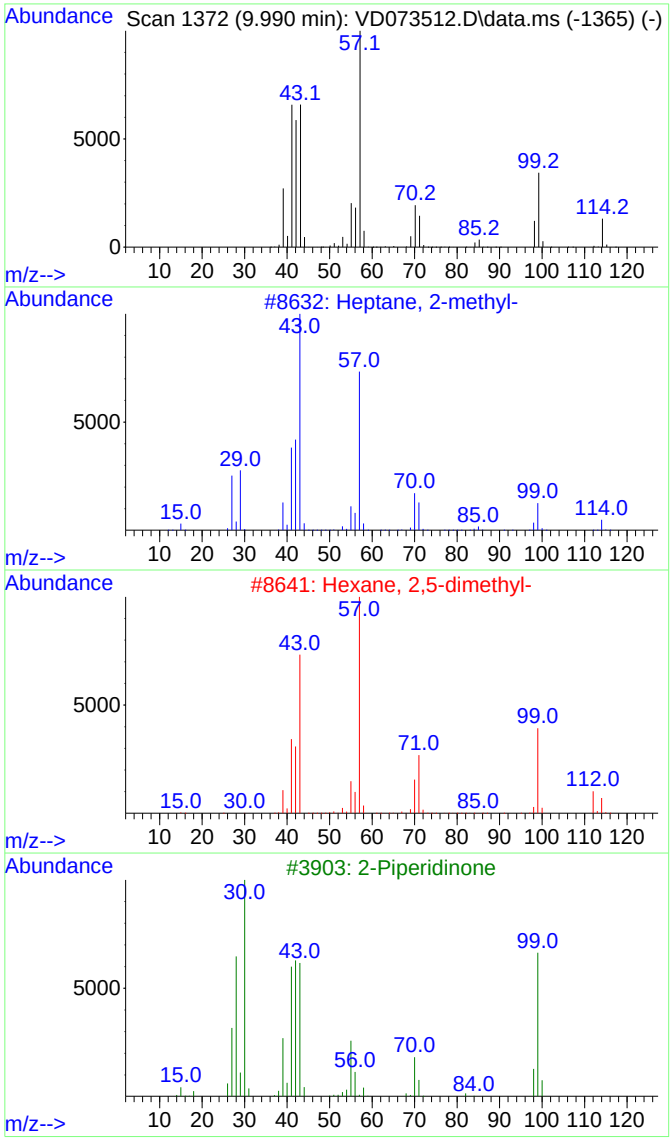
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

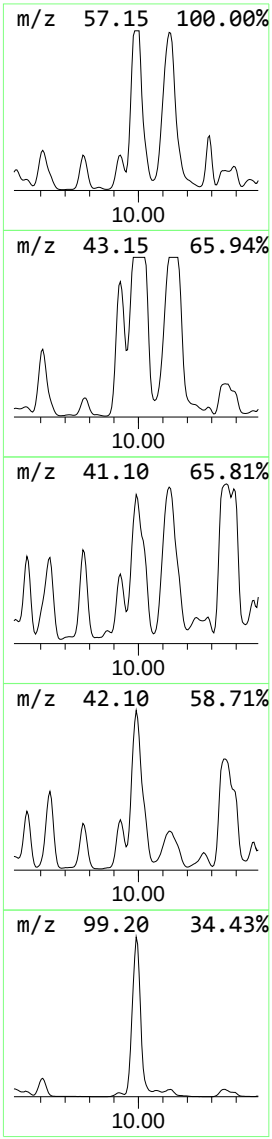
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Heptane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.990	734.37 ug/l	198456000	1,4-Difluorobenzene	8.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	59
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	58
3	2-Piperidinone	99	C5H9NO	000675-20-7	47
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	43
5	2H-Pyran-2-one, tetrahydro-6-met...	114	C6H10O2	000823-22-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073512.D
Acq On : 09 Jun 2022 16:21
Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

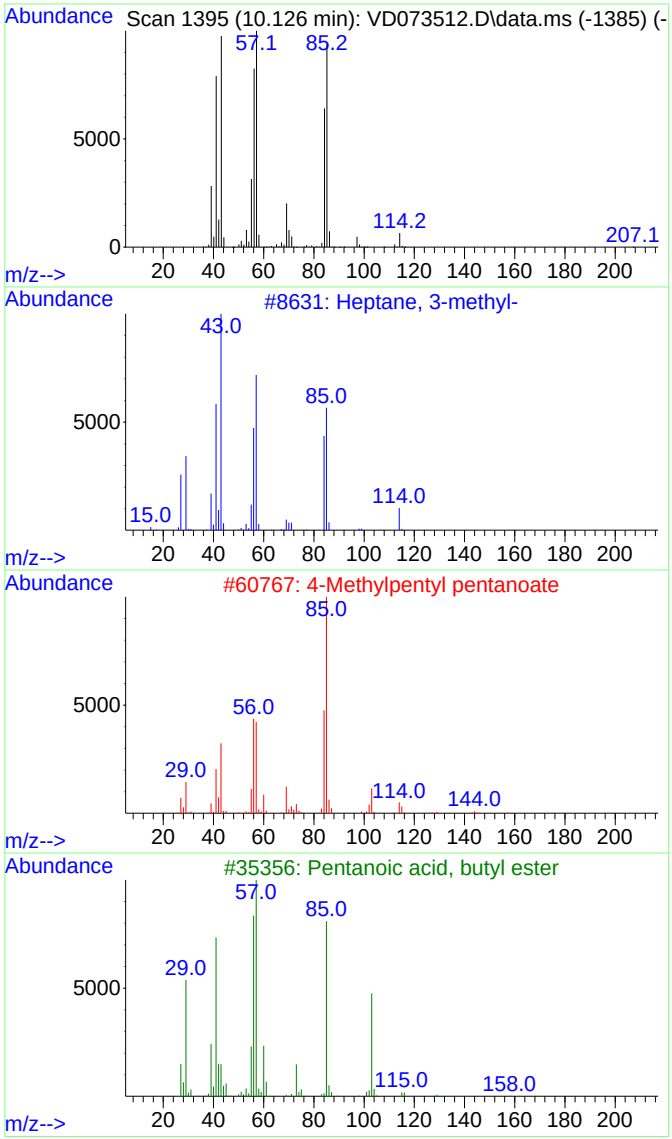
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

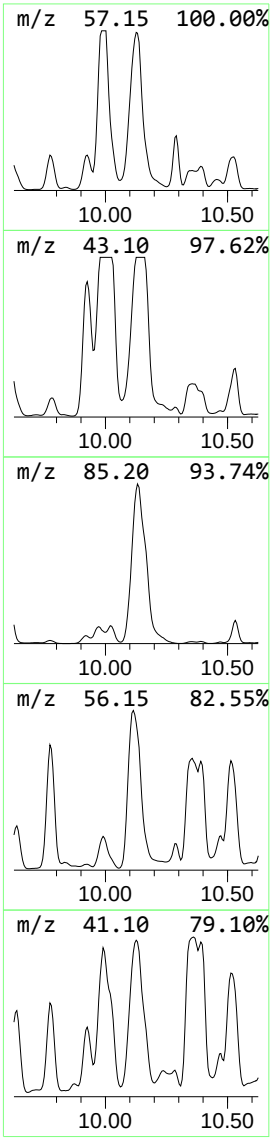
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.126	804.19 ug/l	217325000	1,4-Difluorobenzene	8.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	91
2	4-Methylpentyl pentanoate	186	C11H22O2	035852-47-2	64
3	Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	59
4	Butanoic acid, 3-methyl-, butyl ...	158	C9H18O2	000109-19-3	59
5	Butanoic acid, 2-methyl-, 2-meth...	186	C11H22O2	083783-88-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073512.D
Acq On : 09 Jun 2022 16:21
Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

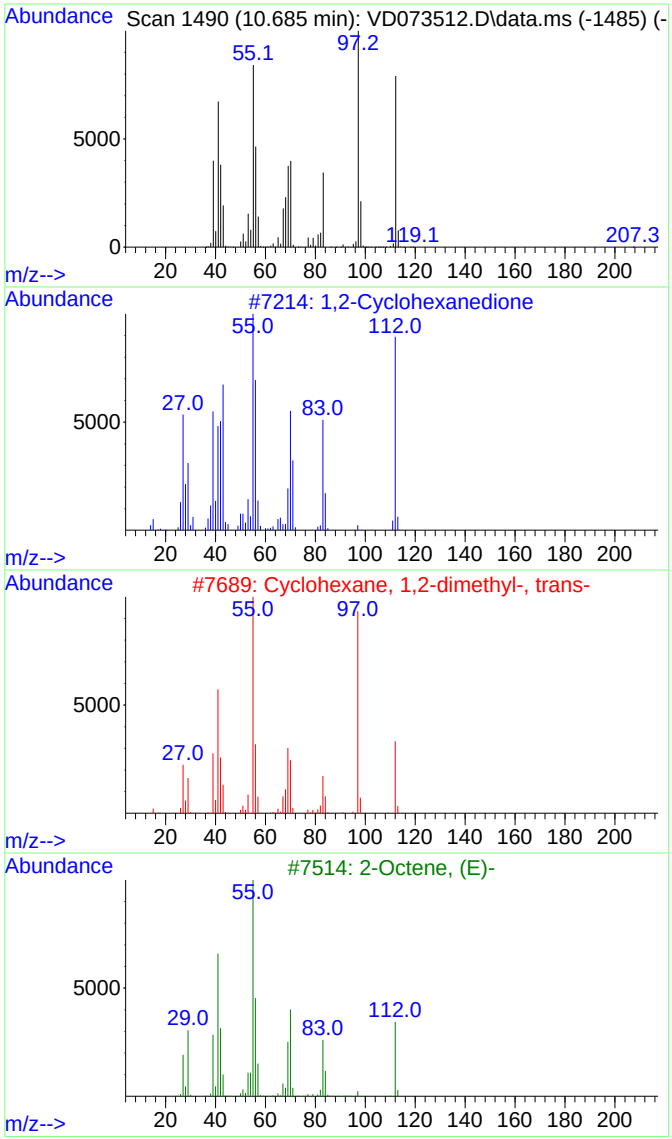
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

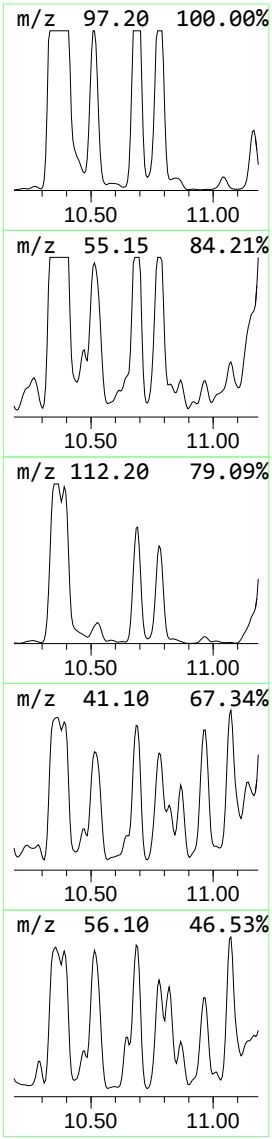
****

Peak Number 3 1,2-Cyclohexanedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.685	655.68 ug/l	156815000	Chlorobenzene-d5	11.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	62
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	52
3	2-Octene, (E)-	112	C8H16	013389-42-9	49
4	Cyclooctane	112	C8H16	000292-64-8	49
5	4-Octene, (E)-	112	C8H16	014850-23-8	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073512.D
Acq On : 09 Jun 2022 16:21
Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

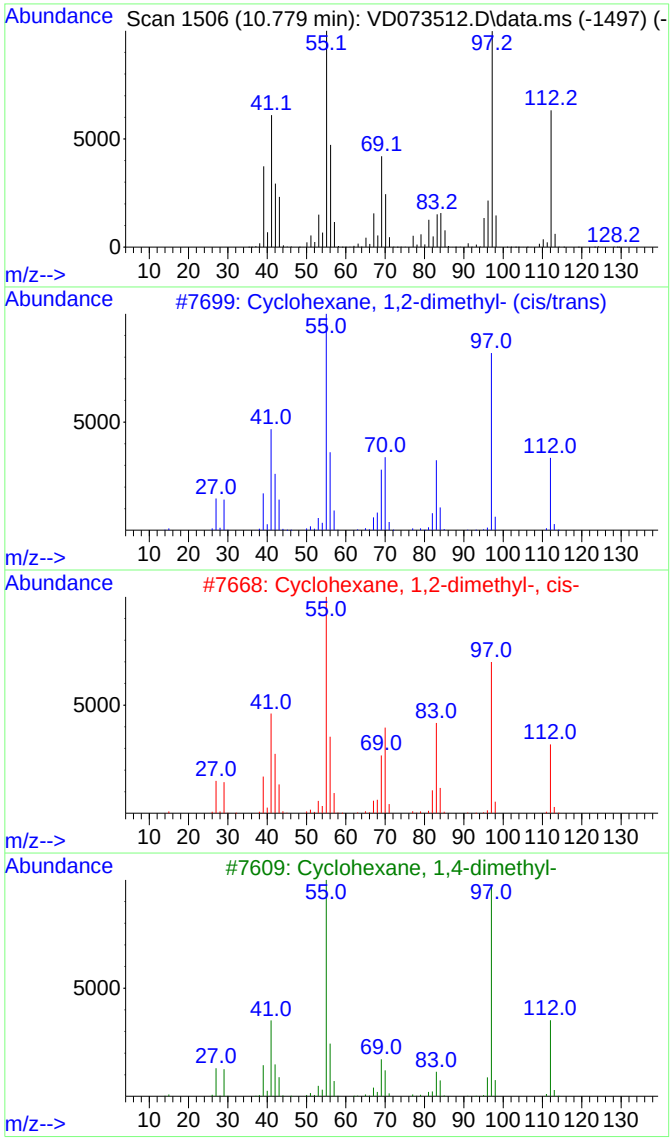
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

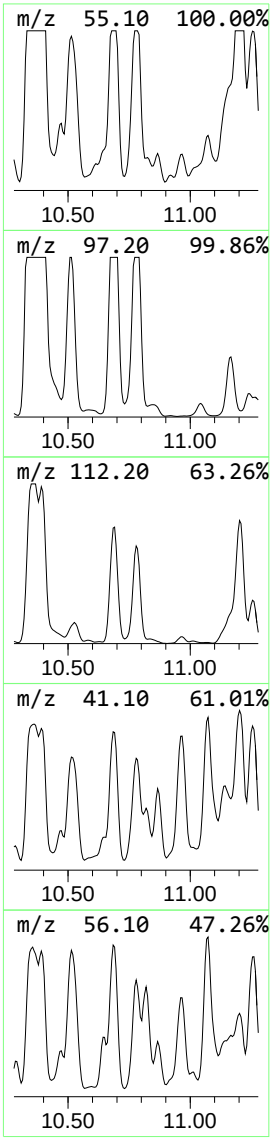
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1,2-dimethyl- ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.779	704.38 ug/l	168461000	Chlorobenzene-d5	11.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	81
2	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	81
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	60
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	53
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073512.D
Acq On : 09 Jun 2022 16:21
Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

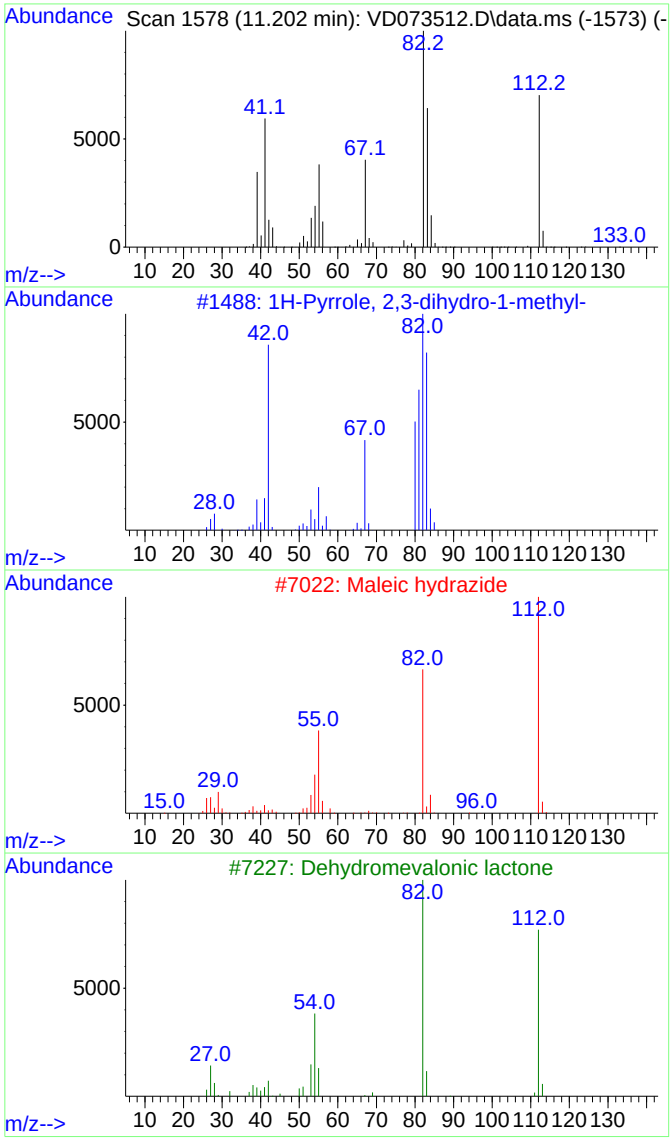
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

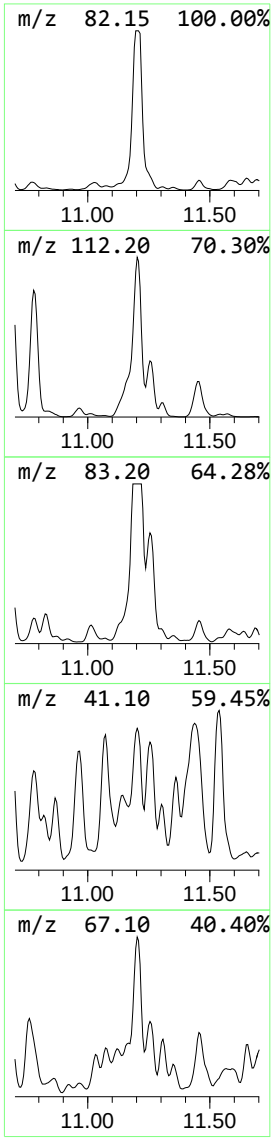
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Pyrrole, 2,3-dihydro-1-m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.202	751.27 ug/l	179676000	Chlorobenzene-d5	11.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	58
2	Maleic hydrazide	112	C4H4N2O2	000123-33-1	50
3	Dehydromevalonic lactone	112	C6H8O2	002381-87-5	43
4	Diphosphoric acid, diisooctyl ester	402	C16H36O7P2	072101-07-6	38
5	3-Octene, (E)-	112	C8H16	014919-01-8	37





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Data File : VD073512.D
Acq On : 09 Jun 2022 16:21
Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

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

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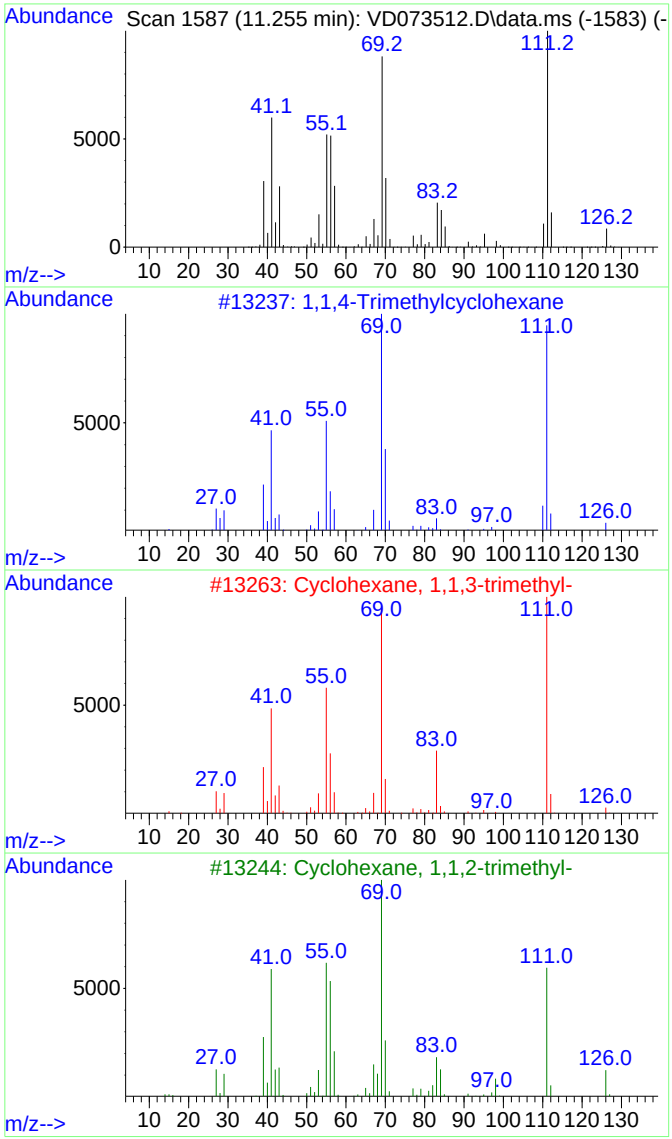
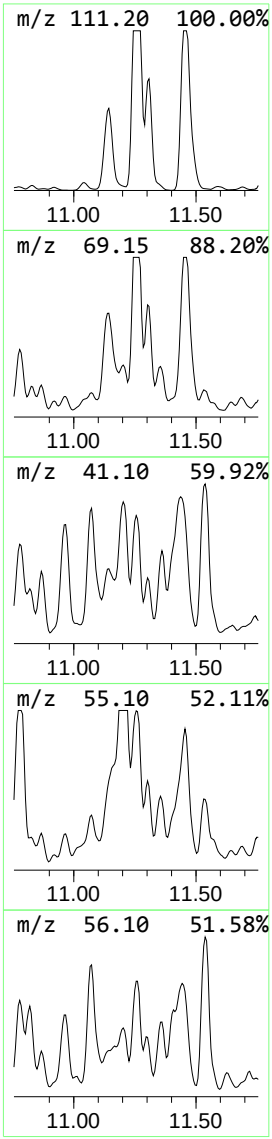
Peak Number 6 1,1,4-Trimethylcyclohexane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.255	666.47 ug/l	159396000	Chlorobenzene-d5	11.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	59
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	58
4	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	46
5	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
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Acq On : 09 Jun 2022 16:21
Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

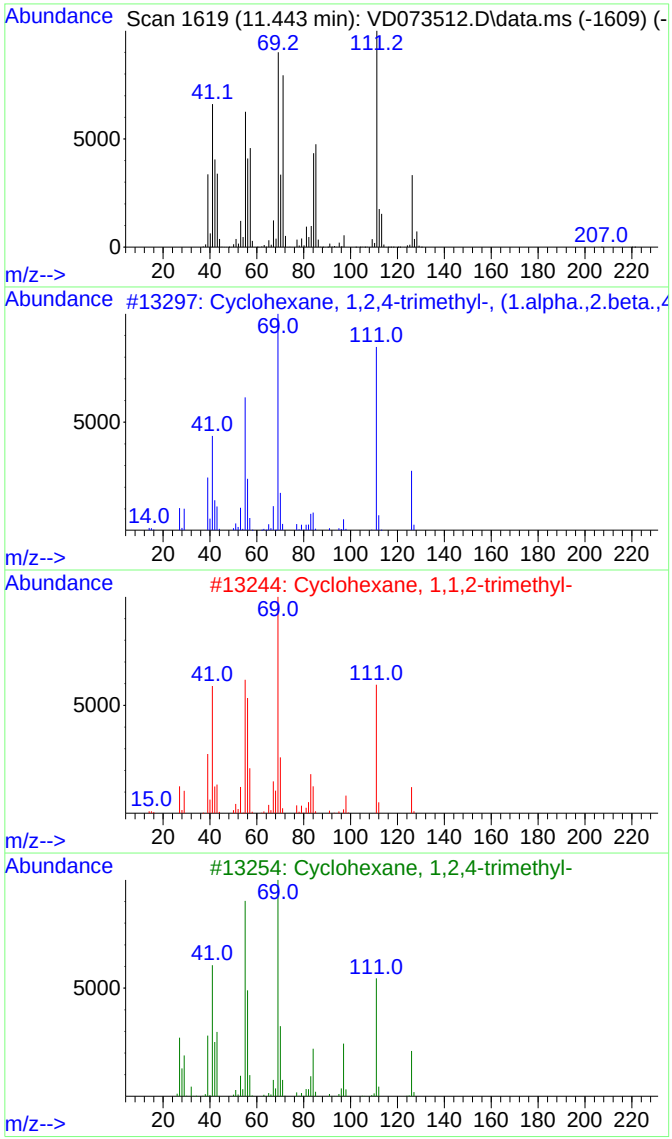
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

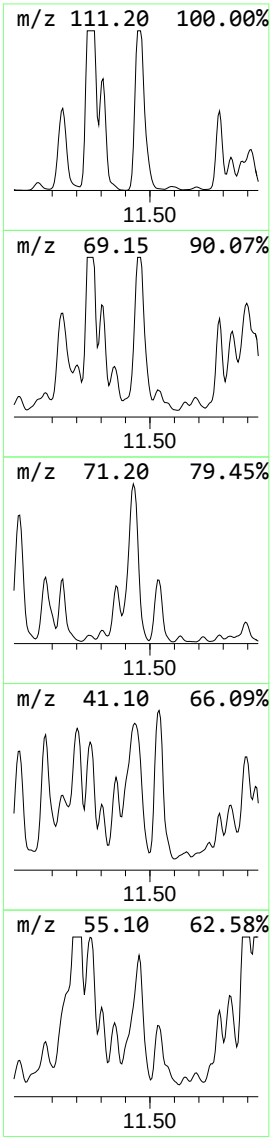
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1,2,4-trimethy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.443	1363.48 ug/l	326095000	Chlorobenzene-d5	11.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	50
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	46
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	46
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	45
5	2-Pyrazoline, 1-isopropyl-5-methyl-	126	C7H14N2	026964-54-5	43





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Data File : VD073512.D
Acq On : 09 Jun 2022 16:21
Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

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

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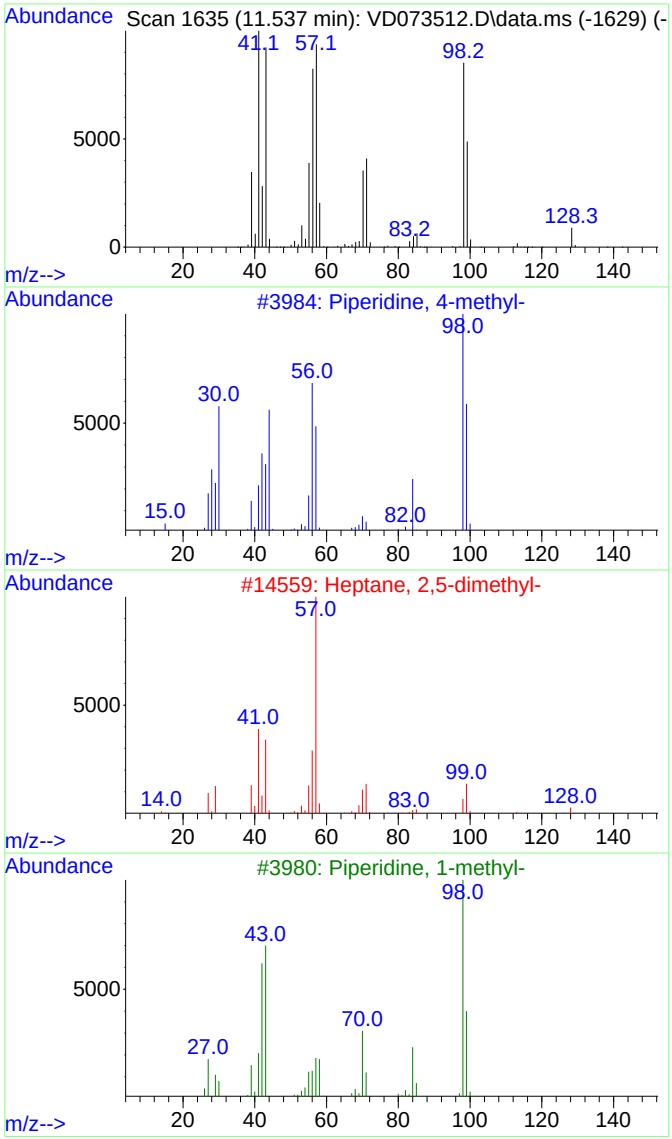
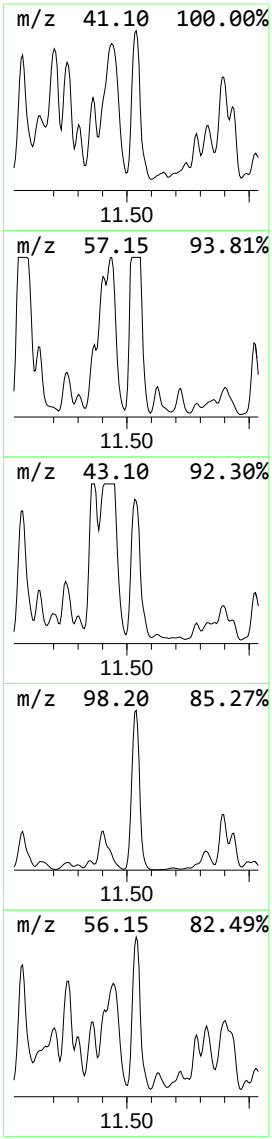
Peak Number 8 Piperidine, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.537	676.68 ug/l	161838000	Chlorobenzene-d5	11.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine, 4-methyl-	99	C6H13N	000626-58-4	59
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	58
3	Piperidine, 1-methyl-	99	C6H13N	000626-67-5	47
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	46
5	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	43





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Data File : VD073512.D
Acq On : 09 Jun 2022 16:21
Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

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

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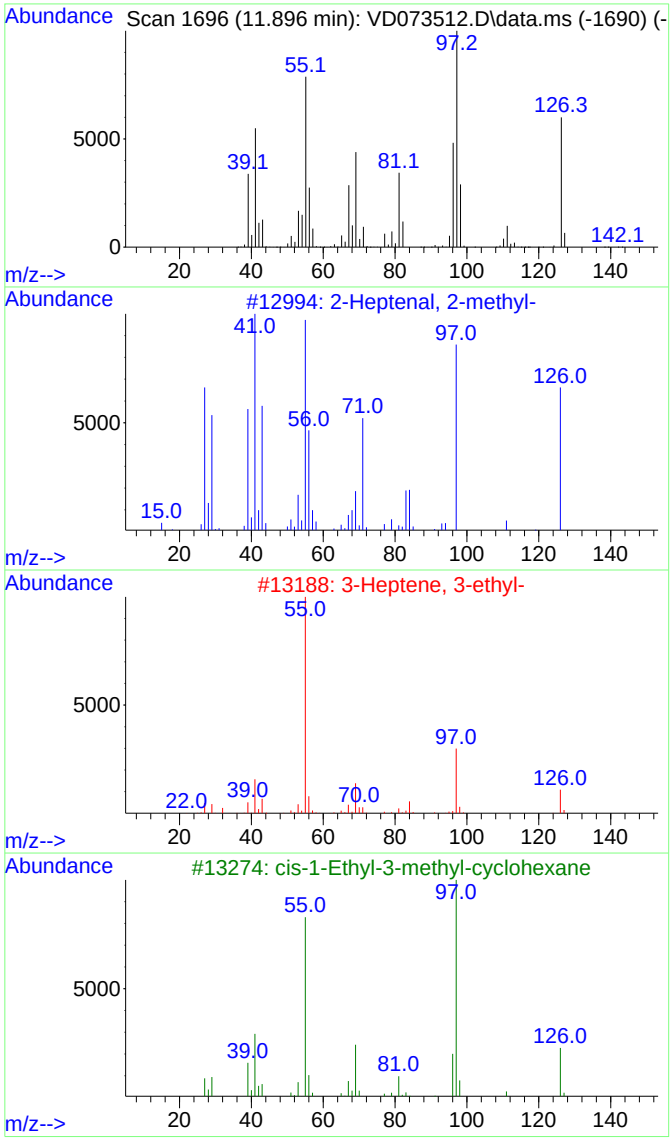
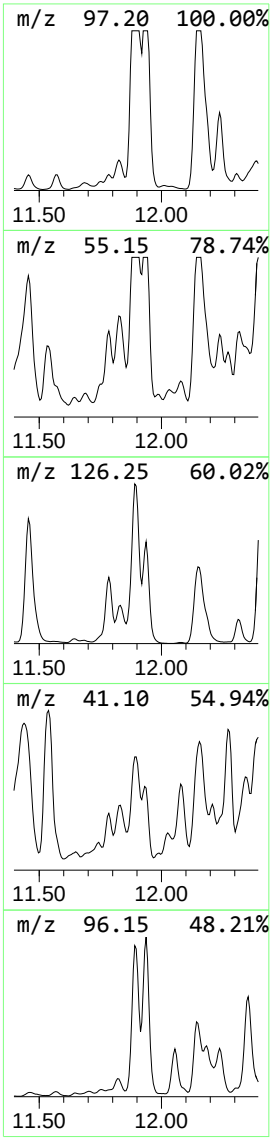
Peak Number 9 unknown11.896 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.896	694.23 ug/l	166035000	Chlorobenzene-d5	11.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptenal, 2-methyl-	126	C8H14O	030567-26-1	47
2	3-Heptene, 3-ethyl-	126	C9H18	074764-46-8	46
3	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	43
4	5-Hydroxymethylfurfural	126	C6H6O3	000067-47-0	43
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073512.D
Acq On : 09 Jun 2022 16:21
Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

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

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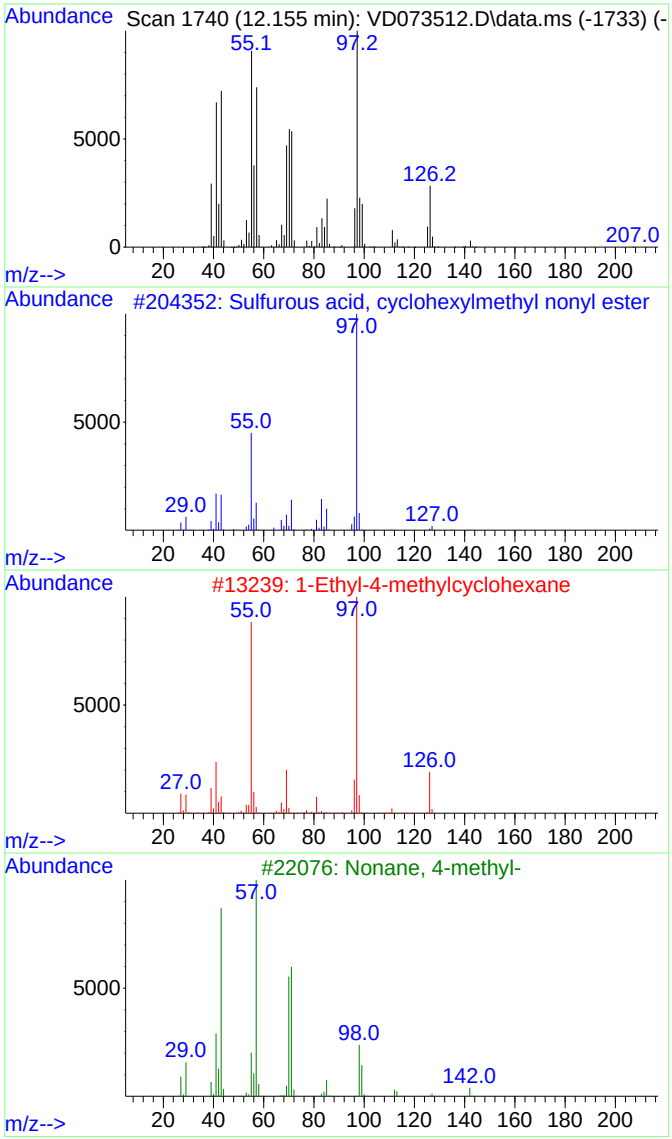
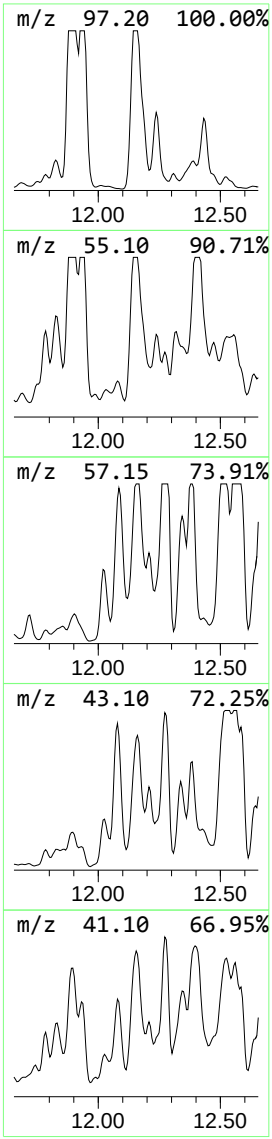
Peak Number 10 unknown12.155 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.155	891.26 ug/l	213157000	Chlorobenzene-d5	11.637

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	304	C16H32O3S	1000309-21-8	38
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	30
3	Nonane, 4-methyl-	142	C10H22	017301-94-9	30
4	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	30
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
Data File : VD073512.D
Acq On : 09 Jun 2022 16:21
Operator : VA/SY
Sample : N3209-14
Misc : 6.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14B-2-1-GR

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Heptane, 2-methyl-	9.990	734.4	ug/l	198456000	2	8.861	13512000	50.0
Heptane, 3-methyl-	10.126	804.2	ug/l	217325000	2	8.861	13512000	50.0
1,2-Cyclohexane...	10.685	655.7	ug/l	156815000	3	11.637	11958200	50.0
Cyclohexane, 1,...	10.779	704.4	ug/l	168461000	3	11.637	11958200	50.0
1H-Pyrrole, 2,3...	11.202	751.3	ug/l	179676000	3	11.637	11958200	50.0
1,1,4-Trimethyl...	11.255	666.5	ug/l	159396000	3	11.637	11958200	50.0
Cyclohexane, 1,...	11.443	1363.5	ug/l	326095000	3	11.637	11958200	50.0
Piperidine, 4-m...	11.537	676.7	ug/l	161838000	3	11.637	11958200	50.0
unknown11.896	11.896	694.2	ug/l	166035000	3	11.637	11958200	50.0
unknown12.155	12.155	891.3	ug/l	213157000	3	11.637	11958200	50.0