LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
Data File : VY002343.D
Acq On : 15 Apr 2020 17:34
Operator : SY/MD
Sample : L2281-02
Misc : 5.66G/5ML/MSVOA Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-38

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_Y\METHODS\82Y040820S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.730	971	983	987	rBV	117593	296614	1.04%	0.090%
2	7.797	987	994	1001	rVV2	223849	608467	2.12%	0.186%
3	8.004	1018	1028	1036	rBV	156423	375522	1.31%	0.115%
4	8.334	1064	1082	1092	rVV	1208638	3132056	10.93%	0.956%
5	8.699	1131	1142	1153	rBV	357316	772463	2.70%	0.236%
6	9.193	1208	1223	1228	rBV2	1301199	3219039	11.24%	0.982%
7	9.248	1228	1232	1239	rVV	597715	1117430	3.90%	0.341%
8	9.327	1239	1245	1249	rVV	206798	412597	1.44%	0.126%
9	9.376	1249	1253	1258	rVV	182339	326195	1.14%	0.100%
10	9.468	1258	1268	1276	rVB2	302230	740760	2.59%	0.226%
11	9.620	1285	1293	1303	rBV	2407925	4903491	17.12%	1.496%
12	9.754	1303	1315	1322	rBV	3093230	6930118	24.19%	2.114%
13	9.827	1322	1327	1330	rBV	585893	1024062	3.58%	0.312%
14	9.858	1330	1332	1339	rVB2	518925	755888	2.64%	0.231%
15	9.961	1339	1349	1361	rBV3	1098048	3300871	11.52%	1.007%
16	10.120	1368	1375	1380	rVB2	1180622	2126529	7.42%	0.649%
17	10.181	1380	1385	1390	rBV2	1967736	3737510	13.05%	1.140%
18	10.309	1399	1406	1409	rBV3	372119	684600	2.39%	0.209%
19	10.376	1409	1417	1423	rVB4	890535	2571128	8.98%	0.784%
20	10.528	1437	1442	1450	rVB	816246	1485154	5.18%	0.453%
21	10.620	1450	1457	1468	rBV4	1329706	3304863	11.54%	1.008%
22	10.717	1468	1473	1478	rVB	430072	757483	2.64%	0.231%
23	10.809	1478	1488	1492	rBV2	400413	843322	2.94%	0.257%
24	10.864	1492	1497	1500	rBV	310109	578806	2.02%	0.177%
25	10.912	1500	1505	1511	rVV	470459	984599	3.44%	0.300%
26	10.973	1511	1515	1517	rVV3	359893	540867	1.89%	0.165%
27	11.010	1517	1521	1523	rVV	750309	1220354	4.26%	0.372%
28	11.040	1523	1526	1531	rVV	1204029	1964146	6.86%	0.599%
29	11.095	1531	1535	1540	rVV	1022396	1788912	6.25%	0.546%
30	11.150	1540	1544	1548	rVV2	364860	575174	2.01%	0.175%
31	11.211	1548	1554	1558	rVB3	409040	708690	2.47%	0.216%
32	11.290	1558	1567	1578	rVB4	1228255	3803068	13.28%	1.160%
33	11.388	1578	1583	1593	rBV	923456	1996197	6.97%	0.609%
34	11.498	1595	1601	1606	rBV3	735846	1291801	4.51%	0.394%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
Data File : VY002343.D
Acq On : 15 Apr 2020 17:34
Operator : SY/MD
Sample : L2281-02
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-38

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_Y\METHODS\82Y040820S.M
Title : SW846 8260

35	11.595	1611	1617	1621	rVV4	551870	1454422	5.08%	0.444%
36	11.632	1621	1623	1627	rVV2	439623	668135	2.33%	0.204%
37	11.705	1627	1635	1645	rVV	6293415	14430285	50.38%	4.403%
38	11.784	1645	1648	1653	rVB	458349	732401	2.56%	0.223%
39	12.034	1678	1689	1698	rBV	5578163	10459454	36.51%	3.191%
40	12.205	1713	1717	1721	rVV2	551014	990576	3.46%	0.302%
41	12.254	1721	1725	1728	rVV4	391606	693017	2.42%	0.211%
42	12.479	1755	1762	1767	rVB3	347887	937202	3.27%	0.286%
43	12.565	1773	1776	1783	rVB2	270199	489610	1.71%	0.149%
44	12.656	1784	1791	1792	rBV5	192038	339526	1.19%	0.104%
45	12.748	1798	1806	1809	rBV	13013277	24122897	84.21%	7.360%
46	12.778	1809	1811	1814	rVV	7792036	9714079	33.91%	2.964%
47	12.821	1814	1818	1824	rVB	11806530	19338040	67.51%	5.900%
48	12.979	1837	1844	1852	rBV	8595967	14088312	49.18%	4.298%
49	13.052	1852	1856	1862	rVV3	259959	468812	1.64%	0.143%
50	13.132	1862	1869	1875	rVV	17074457	28644434	100.00%	8.739%
51	13.260	1883	1890	1893	rBV2	214119	453437	1.58%	0.138%
52	13.321	1893	1900	1905	rVB	1714912	2669457	9.32%	0.814%
53	13.375	1905	1909	1915	rBV	504955	789313	2.76%	0.241%
54	13.467	1915	1924	1932	rBV	9340908	15575468	54.38%	4.752%
55	13.601	1940	1946	1948	rBV	3299982	5123879	17.89%	1.563%
56	13.631	1948	1951	1954	rVV2	7851303	11012617	38.45%	3.360%
57	13.674	1954	1958	1967	rVB2	8637761	15016593	52.42%	4.582%
58	13.766	1967	1973	1978	rBV2	813859	1258287	4.39%	0.384%
59	13.833	1978	1984	1989	rBV	2638701	3943148	13.77%	1.203%
60	13.900	1989	1995	1997	rBV2	5767721	10375942	36.22%	3.166%
61	13.979	2004	2008	2014	rVB	7145302	10822592	37.78%	3.302%
62	14.040	2014	2018	2021	rBV	1068361	1551025	5.41%	0.473%
63	14.089	2021	2026	2031	rVB2	4238413	6650002	23.22%	2.029%
64	14.168	2031	2039	2043	rVB4	789137	1415630	4.94%	0.432%
65	14.223	2043	2048	2053	rVB	2128519	3141133	10.97%	0.958%
66	14.302	2053	2061	2064	rBV	3721158	5985082	20.89%	1.826%
67	14.345	2064	2068	2072	rVV	5543431	8272431	28.88%	2.524%
68	14.387	2072	2075	2079	rVV	1535390	2208405	7.71%	0.674%
69	14.430	2079	2082	2089	rVB2	839866	1121000	3.91%	0.342%
70	14.528	2094	2098	2101	rVV	1074886	1584267	5.53%	0.483%
71	14.576	2101	2106	2110	rVV	3401208	5633071	19.67%	1.719%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041520\
Data File : VY002343.D
Acq On : 15 Apr 2020 17:34
Operator : SY/MD
Sample : L2281-02
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-38

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_Y\METHODS\82Y040820S.M
Title : SW846 8260

72	14.619	2110	2113	2118	rVB	1130483	1646583	5.75%	0.502%
73	14.692	2118	2125	2131	rBV3	5031620	10735596	37.48%	3.275%
74	14.747	2131	2134	2140	rVB2	825655	1305011	4.56%	0.398%
75	14.845	2145	2150	2153	rBV	547405	778911	2.72%	0.238%
76	14.918	2157	2162	2163	rBV2	403800	589689	2.06%	0.180%
77	14.954	2163	2168	2171	rBV3	1276576	2197391	7.67%	0.670%
78	15.064	2179	2186	2193	rVB3	1376708	3141162	10.97%	0.958%
79	15.247	2204	2216	2221	rVB	610097	1357062	4.74%	0.414%
80	15.357	2228	2234	2238	rBV	517515	893631	3.12%	0.273%
81	15.406	2238	2242	2246	rVB	338735	505812	1.77%	0.154%
82	15.534	2256	2263	2270	rBV	565884	1027322	3.59%	0.313%
83	15.698	2280	2290	2294	rBV4	300362	817369	2.85%	0.249%
84	15.826	2306	2311	2316	rVB	173876	288981	1.01%	0.088%
85	15.899	2316	2323	2329	rBV3	191145	389029	1.36%	0.119%
86	16.302	2383	2389	2396	rVB	310070	571653	2.00%	0.174%
87	16.497	2413	2421	2436	rBV	204412	465239	1.62%	0.142%

Sum of corrected areas: 327763198

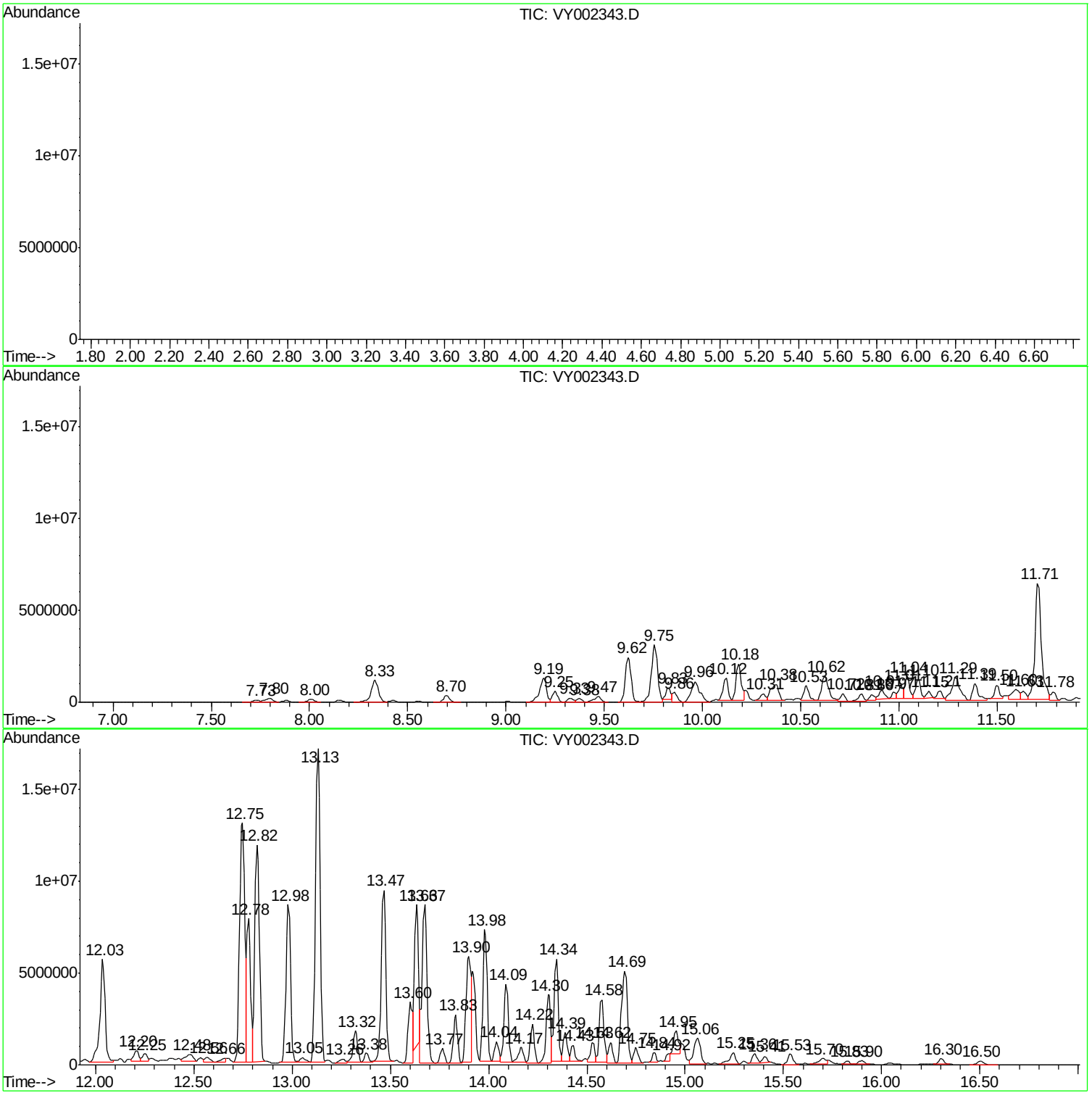
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002343.D
Acq On : 15 Apr 2020 17:34
Operator : SY/MD
Sample : L2281-02
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002343.D
Acq On : 15 Apr 2020 17:34
Operator : SY/MD
Sample : L2281-02
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

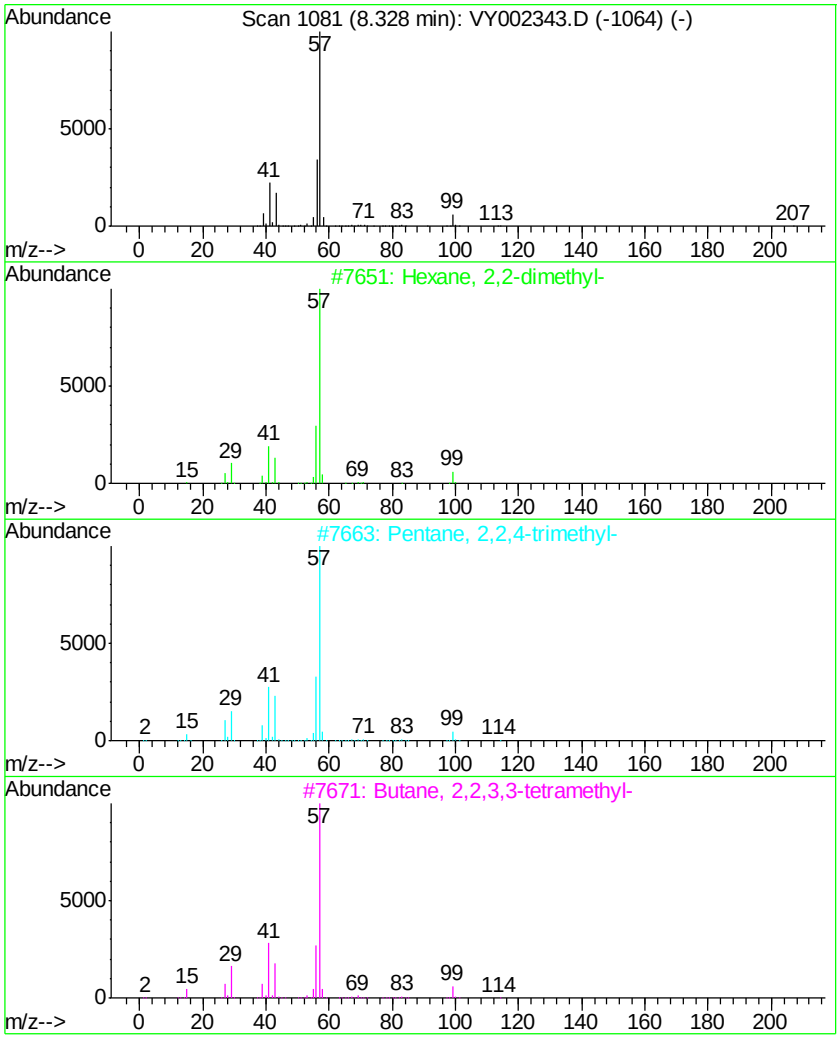
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

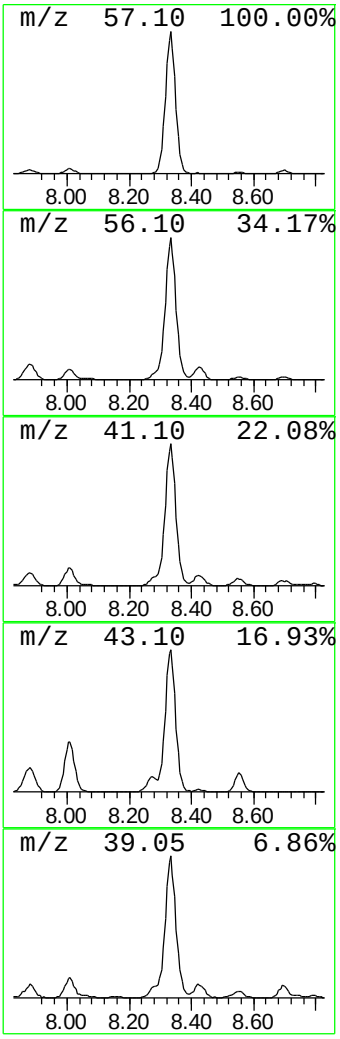
****

Peak Number 1 Hexane, 2,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.33	202.73 ug/l	3132060	1,4-Difluorobenzene	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	83
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	78
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	78





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002343.D
Acq On : 15 Apr 2020 17:34
Operator : SY/MD
Sample : L2281-02
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

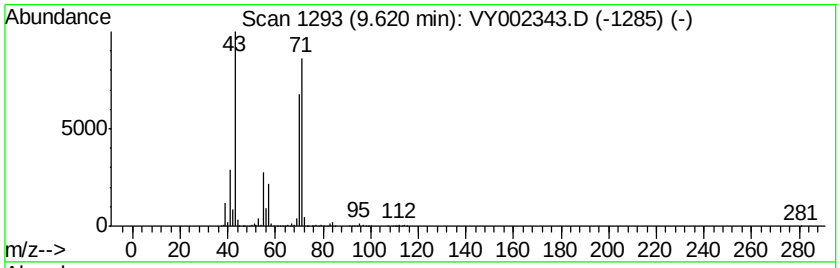
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

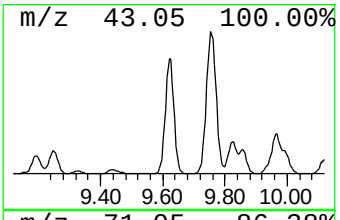
****

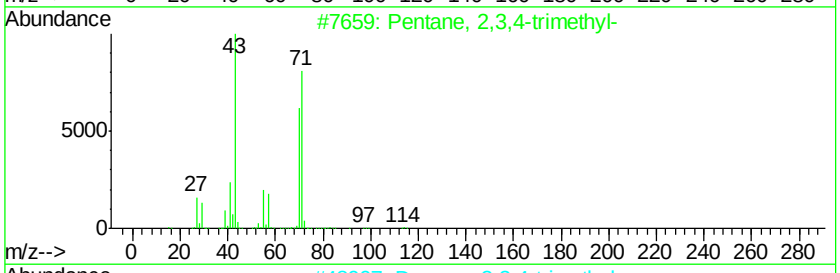
Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 2

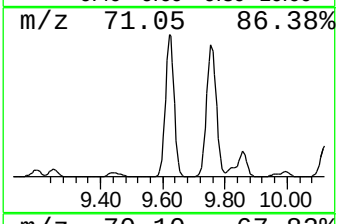
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	317.39 ug/l	4903490	1,4-Difluorobenzene	8.70

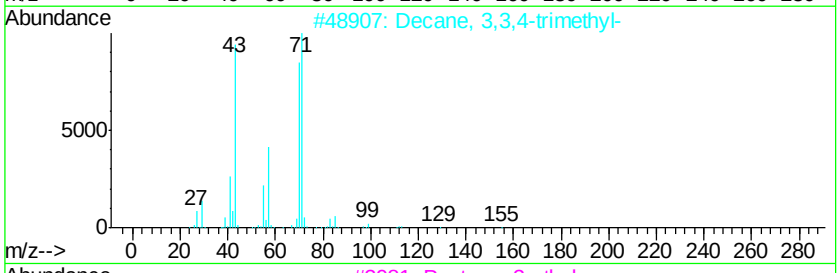
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	87
2	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	78
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	72
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	64

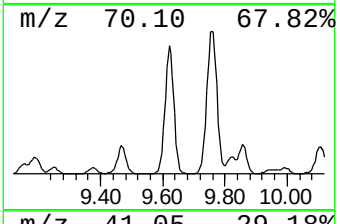


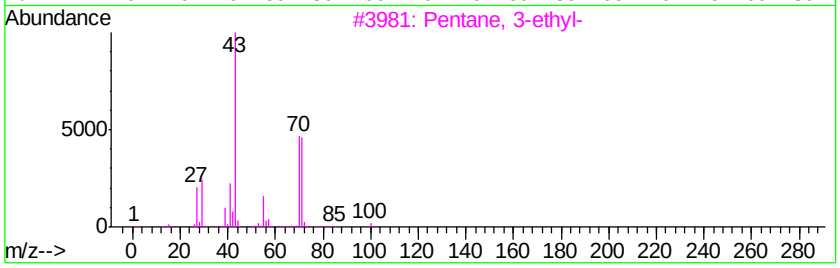


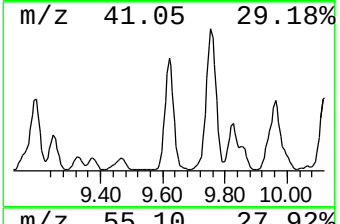


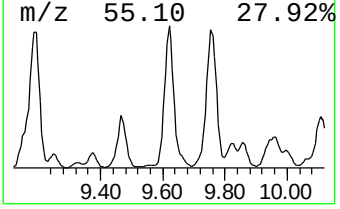












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002343.D
Acq On : 15 Apr 2020 17:34
Operator : SY/MD
Sample : L2281-02
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

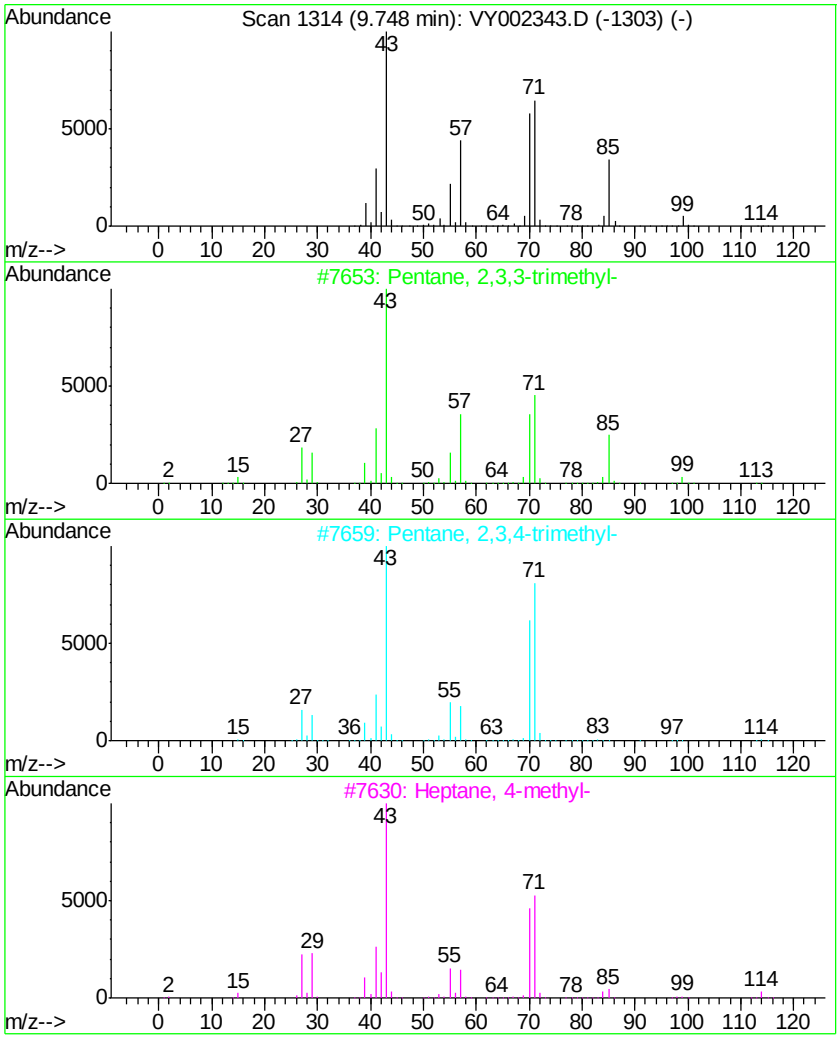
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

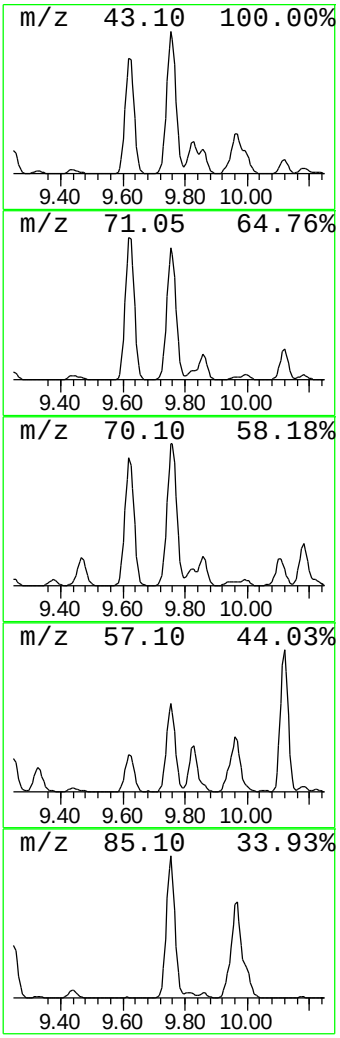
****

Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	448.57 ug/l	6930120	1,4-Difluorobenzene	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	80
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	68
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	64
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	59





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002343.D
Acq On : 15 Apr 2020 17:34
Operator : SY/MD
Sample : L2281-02
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

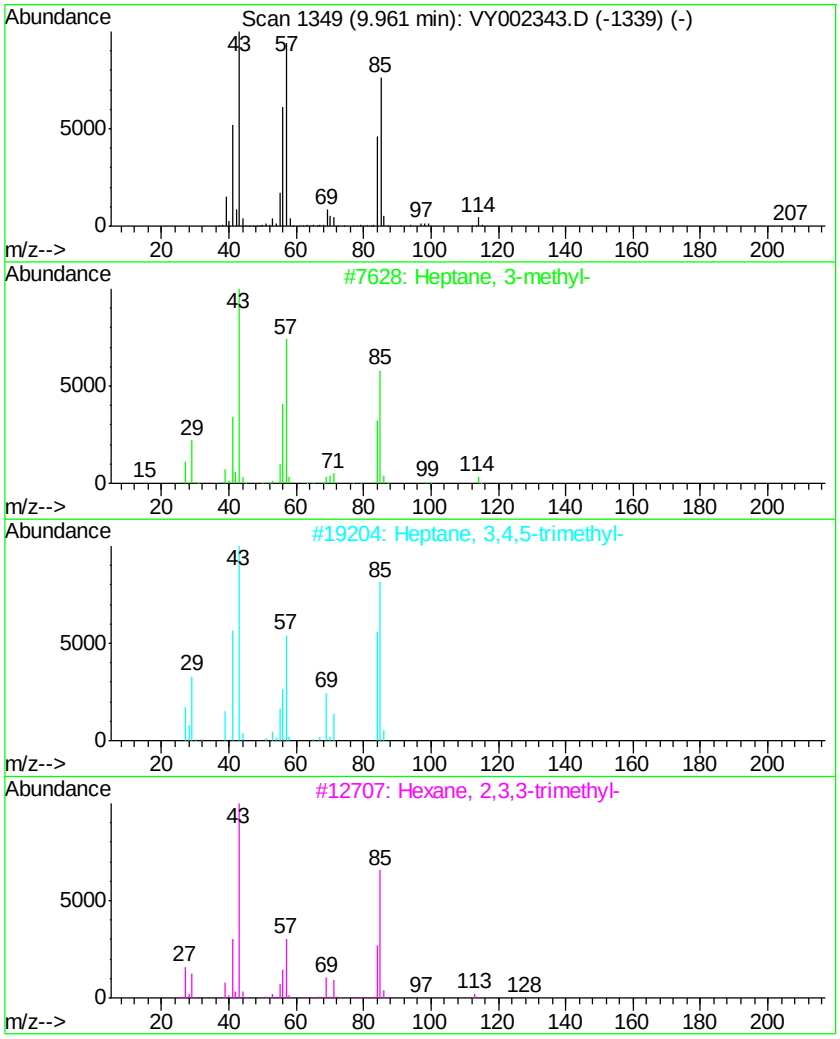
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

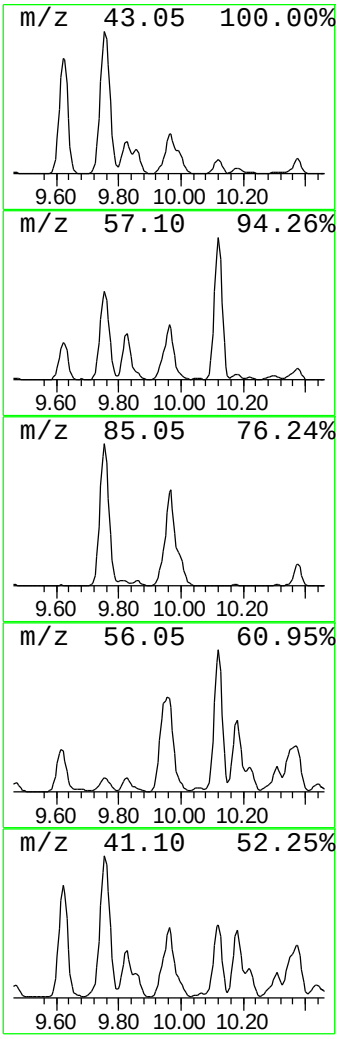
****

Peak Number 4 Heptane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	213.66 ug/l	3300870	1,4-Difluorobenzene	8.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	87
2	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	72
3	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	64
4	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	53





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002343.D
Acq On : 15 Apr 2020 17:34
Operator : SY/MD
Sample : L2281-02
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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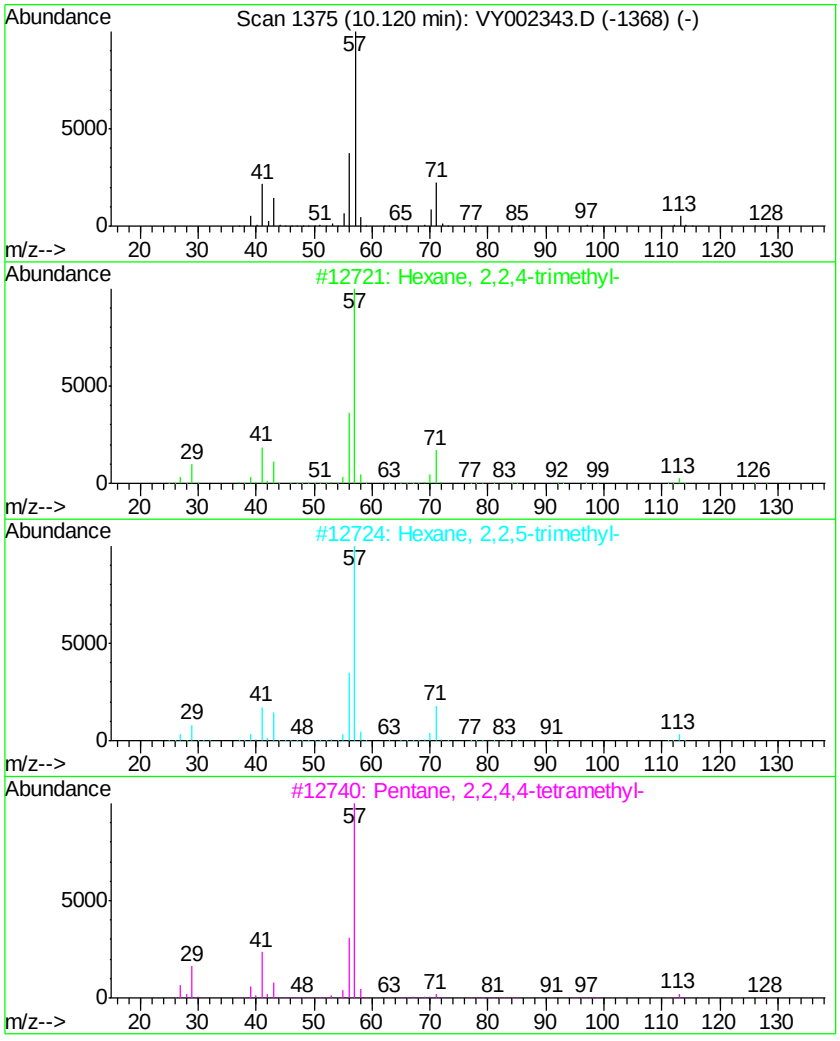
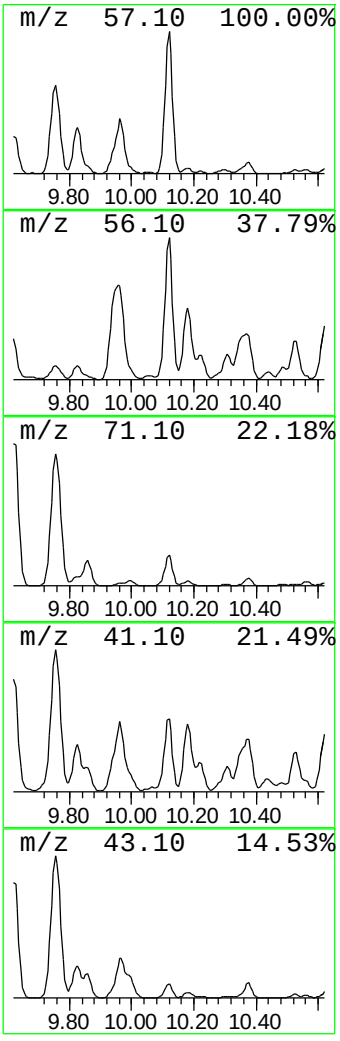
Peak Number 5 Hexane, 2,2,4-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	82.31 ug/l	2126530	Chlorobenzene-d5	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	83
2	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	83
3	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	50
5	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002343.D
Acq On : 15 Apr 2020 17:34
Operator : SY/MD
Sample : L2281-02
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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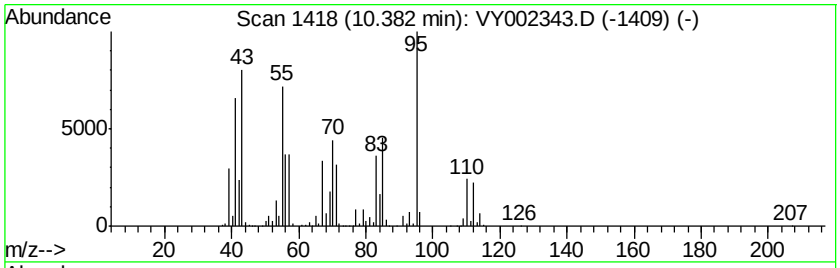
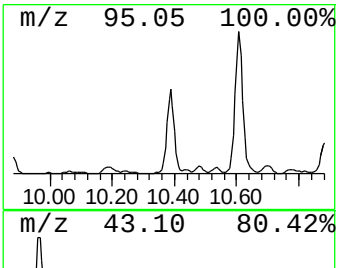
Peak Number 6 1,2-Cyclohexanedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.38	99.52 ug/l	2571130	Chlorobenzene-d5	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	60
2	2-Octene, (Z)-	112	C8H16	007642-04-8	42
3	3-Octene, (E)-	112	C8H16	014919-01-8	38
4	3-Octene, (Z)-	112	C8H16	014850-22-7	38
5	2-Octene	112	C8H16	000111-67-1	30





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002343.D
Acq On : 15 Apr 2020 17:34
Operator : SY/MD
Sample : L2281-02
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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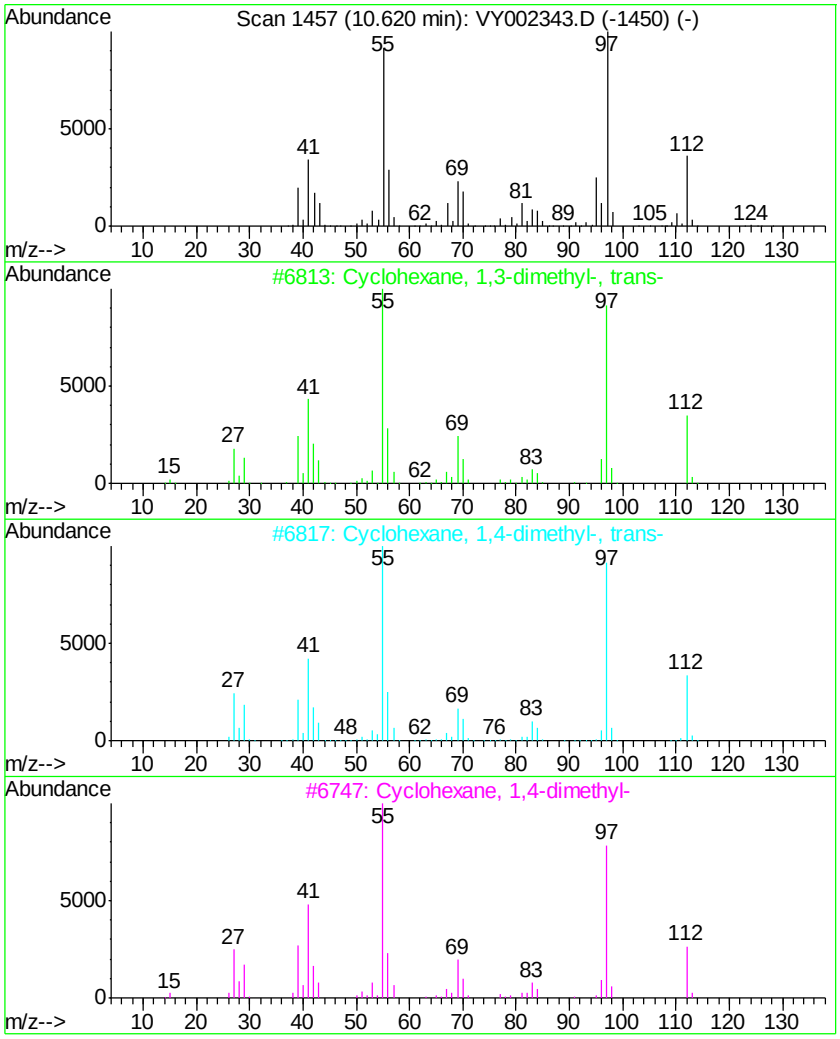
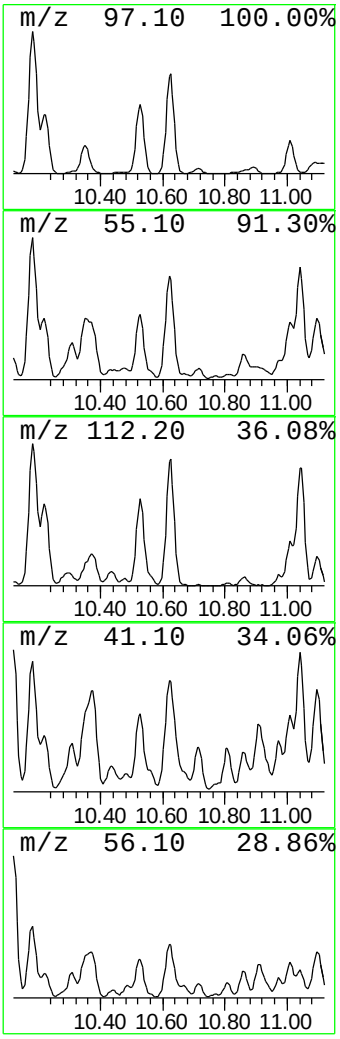
Peak Number 7 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	127.92 ug/l	3304860	Chlorobenzene-d5	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	81
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	81
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	76
5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	76





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002343.D
Acq On : 15 Apr 2020 17:34
Operator : SY/MD
Sample : L2281-02
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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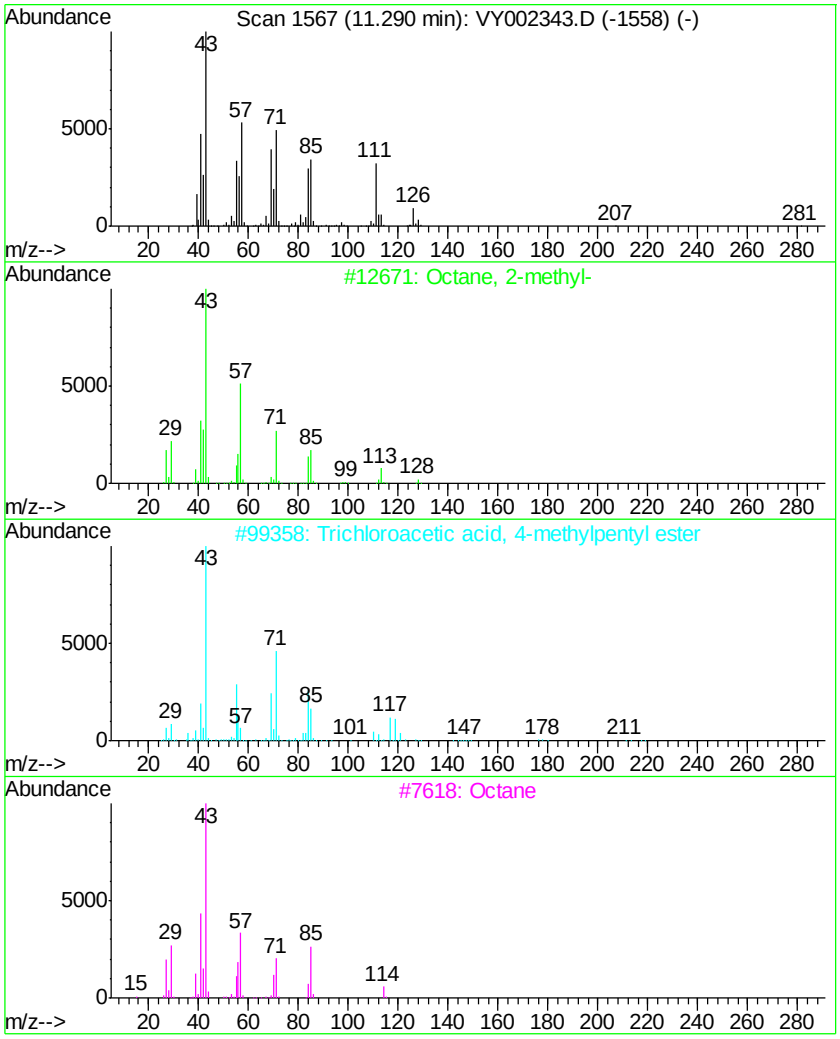
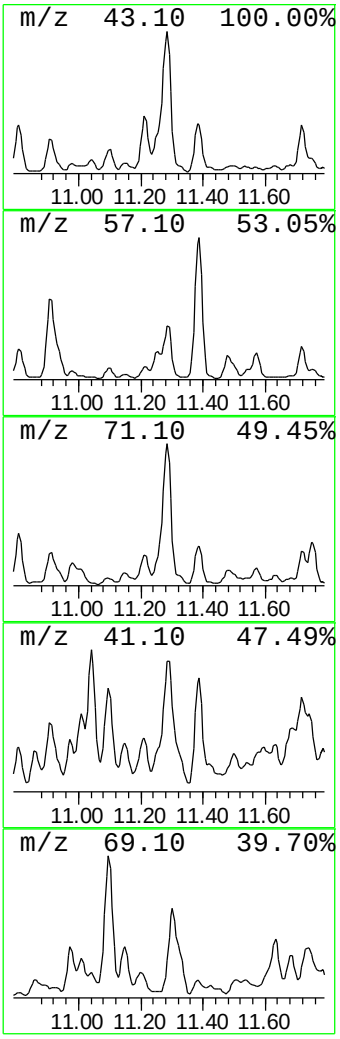
Peak Number 8 Octane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	147.20 ug/l	3803070	Chlorobenzene-d5	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	68
2	Trichloroacetic acid, 4-methylpe...	246	C8H13Cl3O2	1000282-35-2	38
3	Octane	114	C8H18	000111-65-9	35
4	2-Bromononane	206	C9H19Br	002216-35-5	35
5	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	35





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002343.D
Acq On : 15 Apr 2020 17:34
Operator : SY/MD
Sample : L2281-02
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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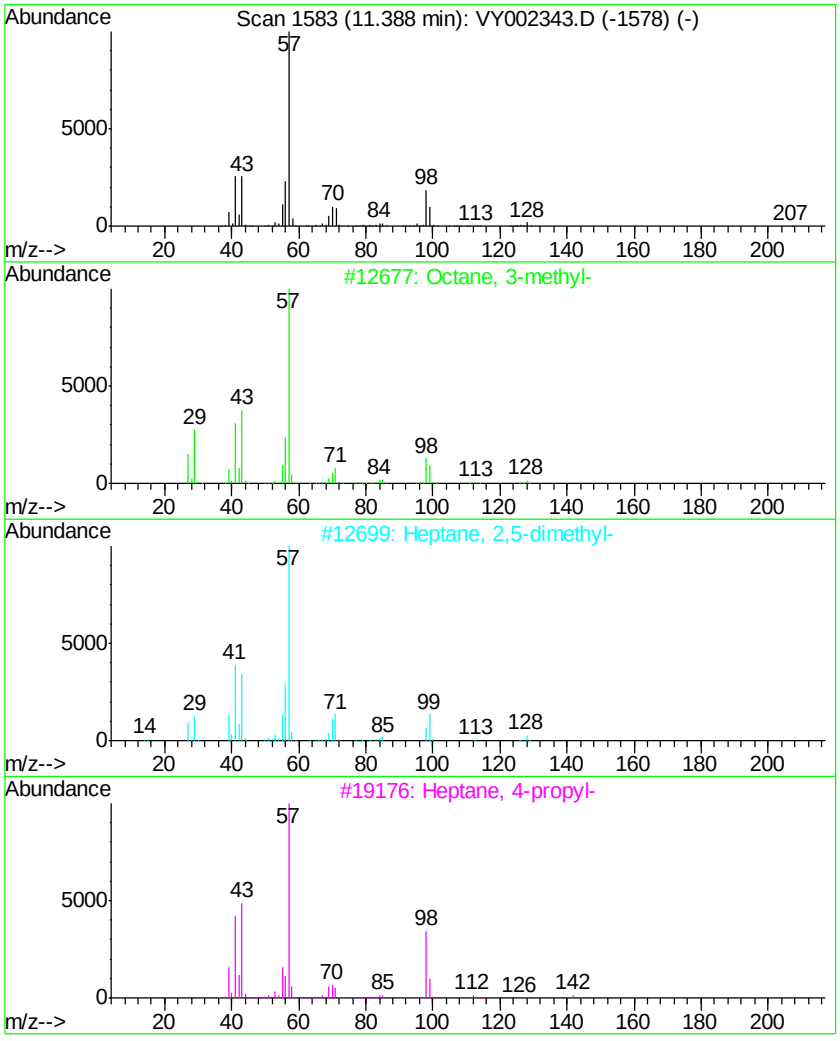
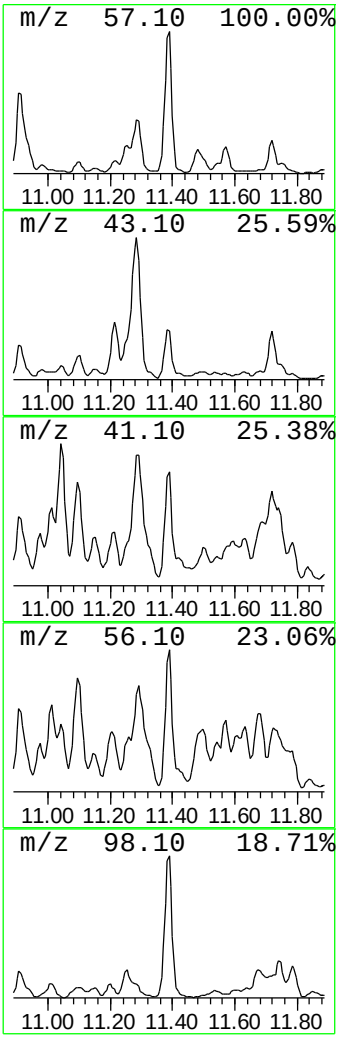
Peak Number 9 Octane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	77.26 ug/l	1996200	Chlorobenzene-d5	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	90
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	74
3	Heptane, 4-propyl-	142	C10H22	003178-29-8	53
4	Undecane, 6-methyl-	170	C12H26	017302-33-9	53
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	49





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002343.D
Acq On : 15 Apr 2020 17:34
Operator : SY/MD
Sample : L2281-02
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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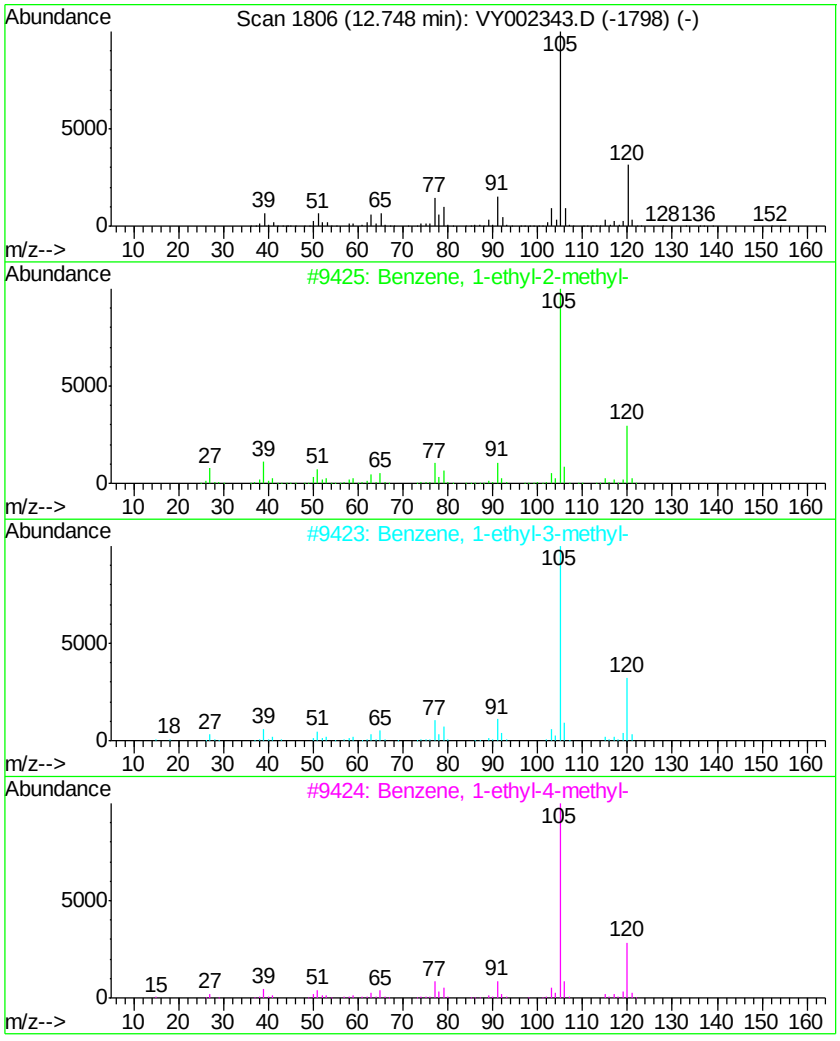
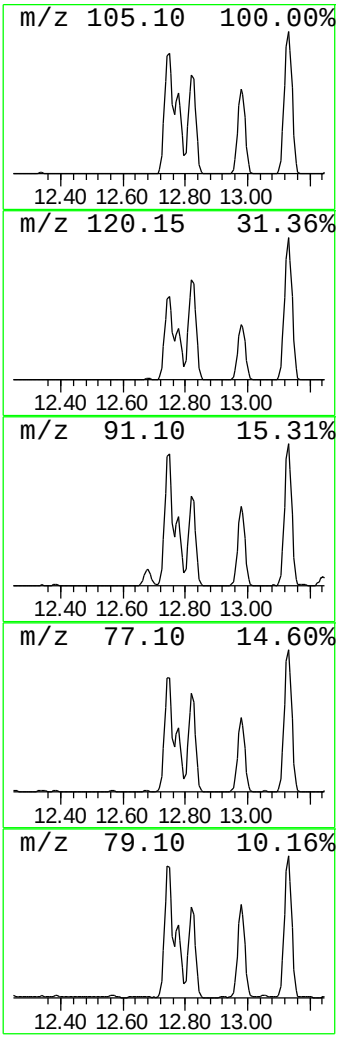
Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	77.44 ug/l	24122900	1,4-Dichlorobenzene-d4	13.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041520\
Data File : VY002343.D
Acq On : 15 Apr 2020 17:34
Operator : SY/MD
Sample : L2281-02
Misc : 5.66G/5ML/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TP-38

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexane, 2,2-dimet...	8.33	202.7	ug/l	3132060	2	8.70	772463	50.0
Pentane, 2,3,4-tr...	9.62	317.4	ug/l	4903490	2	8.70	772463	50.0
Pentane, 2,3,3-tr...	9.75	448.6	ug/l	6930120	2	8.70	772463	50.0
Heptane, 3-methyl-	9.96	213.7	ug/l	3300870	2	8.70	772463	50.0
Hexane, 2,2,4-tri...	10.12	82.3	ug/l	2126530	3	11.50	1291800	50.0
1,2-Cyclohexanedione	10.38	99.5	ug/l	2571130	3	11.50	1291800	50.0
Cyclohexane, 1,3-...	10.62	127.9	ug/l	3304860	3	11.50	1291800	50.0
Octane, 2-methyl-	11.29	147.2	ug/l	3803070	3	11.50	1291800	50.0
Octane, 3-methyl-	11.39	77.3	ug/l	1996200	3	11.50	1291800	50.0
Benzene, 1-ethyl-...	12.75	77.4	ug/l	24122900	4	13.44	15575500	50.0