LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

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\82D031122S.M
Title : SW846 8260

Signal : TIC: VD072194.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.344	57	72	83	rBV	5623704	8810901	3.00%	0.117%
2	3.032	178	189	218	rBV	18295481	40871541	13.90%	0.544%
3	3.409	243	253	277	rVB	4544315	10832900	3.68%	0.144%
4	4.138	362	377	409	rBV	4883527	16558575	5.63%	0.220%
5	4.950	498	515	521	rBV	15327068	59635982	20.28%	0.793%
6	5.497	590	608	646	rBV2	33447984	128653560	43.75%	1.711%
7	5.997	680	693	712	rVB	1926944	6047996	2.06%	0.080%
8	6.767	808	824	838	rBV	9913626	35088705	11.93%	0.467%
9	6.932	838	852	864	rBV	18611395	60606017	20.61%	0.806%
10	7.208	888	899	916	rVB	3196978	10584643	3.60%	0.141%
11	7.738	969	989	1005	rBV	8520639	25984802	8.84%	0.346%
12	7.967	1006	1028	1036	rBV4	7559125	25768584	8.76%	0.343%
13	8.073	1036	1046	1057	rVV	49282401	142480833	48.45%	1.895%
14	8.197	1057	1067	1072	rVV	31188219	86908583	29.55%	1.156%
15	8.255	1072	1077	1087	rVV	43097000	108085643	36.75%	1.437%
16	8.461	1100	1112	1119	rVV3	34489179	95949007	32.63%	1.276%
17	8.538	1119	1125	1131	rVV2	23945012	58241837	19.80%	0.774%
18	8.602	1131	1136	1148	rVB	28306830	66100949	22.48%	0.879%
19	8.726	1148	1157	1170	rVB2	1719049	4109275	1.40%	0.055%
20	8.861	1171	1180	1192	rBV2	1655095	4142272	1.41%	0.055%
21	9.179	1225	1234	1247	rVB	7866851	19751010	6.72%	0.263%
22	9.338	1247	1261	1262	rBV2	72712371	163168207	55.48%	2.170%
23	9.414	1270	1274	1283	rVB	38000982	81180268	27.60%	1.080%
24	9.497	1283	1288	1290	rBV	1767145	3151663	1.07%	0.042%
25	9.538	1290	1295	1300	rVB	3954692	7018968	2.39%	0.093%
26	9.632	1300	1311	1322	rVB6	64684155	179699613	61.11%	2.390%
27	9.779	1326	1336	1346	rBV2	41461453	94452591	32.12%	1.256%
28	9.873	1346	1352	1354	rBV2	2997728	5322033	1.81%	0.071%
29	9.926	1354	1361	1365	rBV	28998626	66300059	22.55%	0.882%
30	9.973	1365	1369	1373	rVB3	10187275	18085871	6.15%	0.241%
31	10.102	1383	1391	1397	rBV2	46843297	126197107	42.91%	1.678%
32	10.255	1407	1417	1425	rBV5	15981919	56566231	19.24%	0.752%
33	10.344	1425	1432	1436	rBV2	73451791	184007689	62.57%	2.447%
34	10.385	1436	1439	1447	rVB3	79636528	147179007	50.05%	1.957%
35	10.473	1447	1454	1456	rBV	29576130	57555184	19.57%	0.765%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

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\82D031122S.M
Title : SW846 8260

36	10.514	1456	1461	1472	rVB4	69180767	204515774	69.54%	2.720%
37	10.649	1472	1484	1485	rBV3	40782091	80457409	27.36%	1.070%
38	10.685	1485	1490	1498	rVB2	91508327	221418712	75.29%	2.944%
39	10.779	1498	1506	1511	rBV3	53293171	129661219	44.09%	1.724%
40	10.867	1517	1521	1527	rVB	31933400	60041443	20.42%	0.798%
41	10.967	1527	1538	1544	rBV4	71588052	178185080	60.59%	2.369%
42	11.067	1547	1555	1562	rVV3	44954379	126622062	43.06%	1.684%
43	11.143	1562	1568	1573	rVV4	33817608	109130501	37.11%	1.451%
44	11.202	1573	1578	1582	rVV3	60449698	146924161	49.96%	1.954%
45	11.255	1582	1587	1593	rVV3	107478425	294078366	100.00%	3.911%
46	11.308	1593	1596	1599	rVV	39846785	65297305	22.20%	0.868%
47	11.361	1599	1605	1610	rVV3	81727955	200814642	68.29%	2.670%
48	11.402	1610	1612	1616	rVV2	35018186	59278860	20.16%	0.788%
49	11.455	1616	1621	1629	rVB2	72593243	158942040	54.05%	2.114%
50	11.532	1629	1634	1638	rBV3	31779895	60612458	20.61%	0.806%
51	11.573	1638	1641	1649	rVB5	11814942	24011873	8.17%	0.319%
52	11.685	1655	1660	1664	rBV2	15656618	28697314	9.76%	0.382%
53	11.738	1664	1669	1672	rBV	16444726	27083672	9.21%	0.360%
54	11.785	1672	1677	1680	rBV	34607148	56999412	19.38%	0.758%
55	11.832	1680	1685	1690	rVB4	41781306	82667774	28.11%	1.099%
56	11.896	1690	1696	1700	rBV5	64202434	145514849	49.48%	1.935%
57	11.996	1708	1713	1718	rBV2	22003241	46406526	15.78%	0.617%
58	12.085	1719	1728	1733	rVB3	26342932	72689157	24.72%	0.967%
59	12.155	1733	1740	1747	rBV5	89836740	258194085	87.80%	3.433%
60	12.279	1757	1761	1766	rVB3	52705128	92845569	31.57%	1.235%
61	12.355	1766	1774	1777	rBV4	75666328	171214635	58.22%	2.277%
62	12.479	1791	1795	1799	rBV2	33671884	62455430	21.24%	0.831%
63	12.638	1817	1822	1827	rBV3	33147823	56915217	19.35%	0.757%
64	12.720	1828	1836	1840	rBV5	42252544	103594704	35.23%	1.378%
65	12.802	1845	1850	1857	rVB4	105107092	235614632	80.12%	3.133%
66	12.879	1857	1863	1868	rBV6	44032296	107235120	36.46%	1.426%
67	12.955	1868	1876	1882	rVV7	85893146	275256654	93.60%	3.660%
68	13.008	1882	1885	1891	rVB4	55362724	95157490	32.36%	1.265%
69	13.096	1891	1900	1904	rBV3	50277876	103506951	35.20%	1.376%
70	13.143	1904	1908	1911	rVV3	25386999	47665432	16.21%	0.634%
71	13.185	1911	1915	1923	rVB4	66561541	129187404	43.93%	1.718%
72	13.308	1933	1936	1941	rBV2	19934304	29496810	10.03%	0.392%
73	13.361	1942	1945	1948	rBV3	20594096	31462297	10.70%	0.418%
74	13.461	1955	1962	1967	rBV5	60322372	150657975	51.23%	2.003%
75	13.720	1999	2006	2011	rBV4	33025134	76351096	25.96%	1.015%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

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\82D031122S.M
Title : SW846 8260

76	13.832	2019	2025	2029	rBV2	16458738	37106297	12.62%	0.493%
77	13.890	2030	2035	2040	rBV	76936188	143822697	48.91%	1.913%
78	13.990	2048	2052	2056	rBV3	19105256	30790756	10.47%	0.409%
79	14.108	2068	2072	2077	rVB	36503248	57827192	19.66%	0.769%
80	14.214	2085	2090	2096	rVB5	27907868	52394171	17.82%	0.697%
81	14.279	2096	2101	2106	rVB4	14807418	24445903	8.31%	0.325%
82	14.332	2107	2110	2115	rBV4	6913848	12937753	4.40%	0.172%
83	14.396	2116	2121	2125	rBV2	47691478	84250847	28.65%	1.120%
84	14.508	2136	2140	2143	rBV2	8353280	13362553	4.54%	0.178%
85	14.561	2144	2149	2154	rVV4	29366382	57062091	19.40%	0.759%
86	14.614	2155	2158	2168	rVV6	9970757	24896505	8.47%	0.331%
87	14.702	2169	2173	2177	rVV3	7201637	13427984	4.57%	0.179%
88	14.749	2178	2181	2185	rVV3	5945338	8982030	3.05%	0.119%
89	14.808	2185	2191	2197	rVV3	30417721	68039255	23.14%	0.905%
90	14.867	2197	2201	2207	rVB4	13586467	25571210	8.70%	0.340%
91	14.984	2218	2221	2223	rBV2	2218541	2993183	1.02%	0.040%
92	15.079	2234	2237	2241	rVB3	7218385	10640802	3.62%	0.142%
93	15.120	2241	2244	2250	rVV3	2951745	6238238	2.12%	0.083%
94	15.190	2251	2256	2262	rVB3	6651445	14009105	4.76%	0.186%
95	15.343	2278	2282	2289	rVB4	3914697	7562196	2.57%	0.101%
96	15.426	2290	2296	2301	rBV5	2221756	5411491	1.84%	0.072%
97	15.761	2348	2353	2360	rVB5	1698898	3311835	1.13%	0.044%
98	16.473	2468	2474	2489	rVB	1090503	2943015	1.00%	0.039%

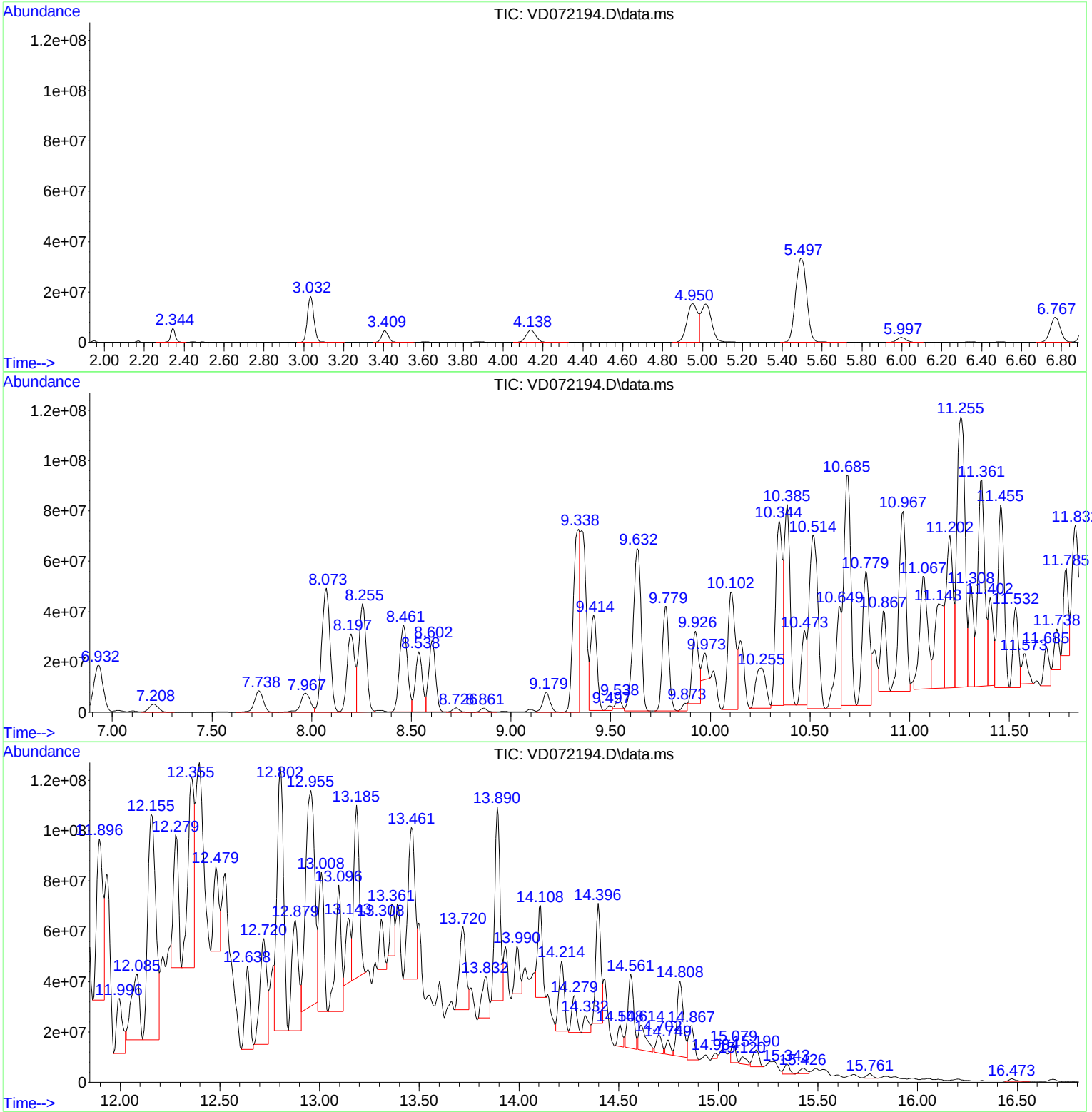
Sum of corrected areas: 7519987325

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

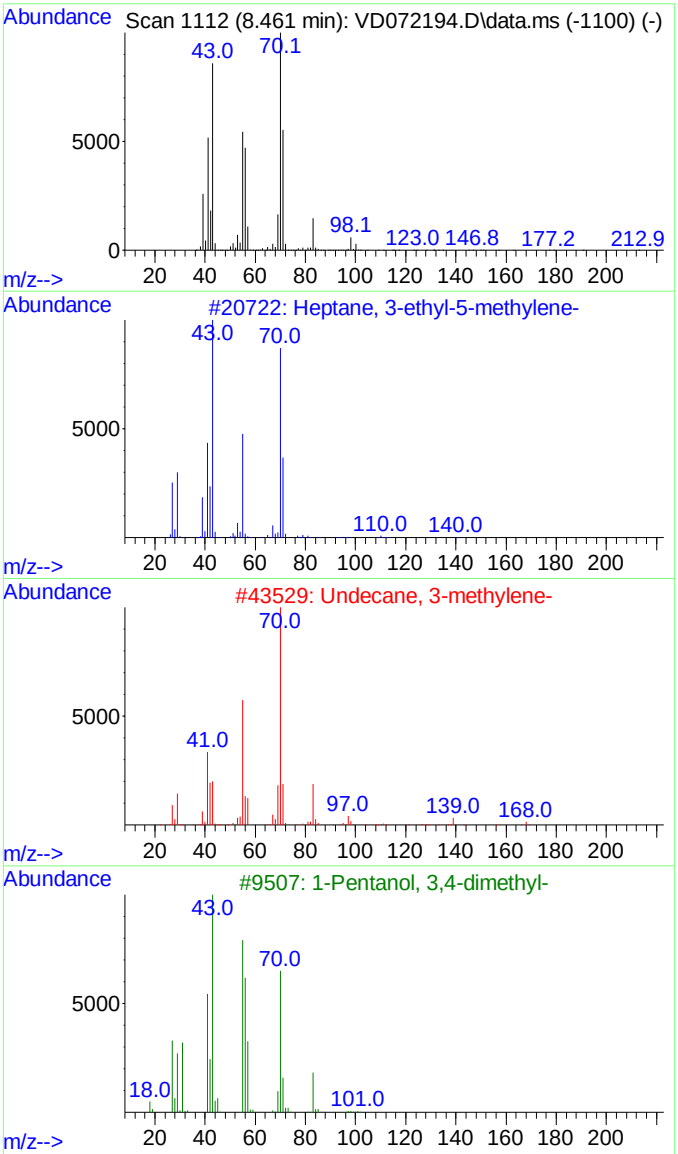
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

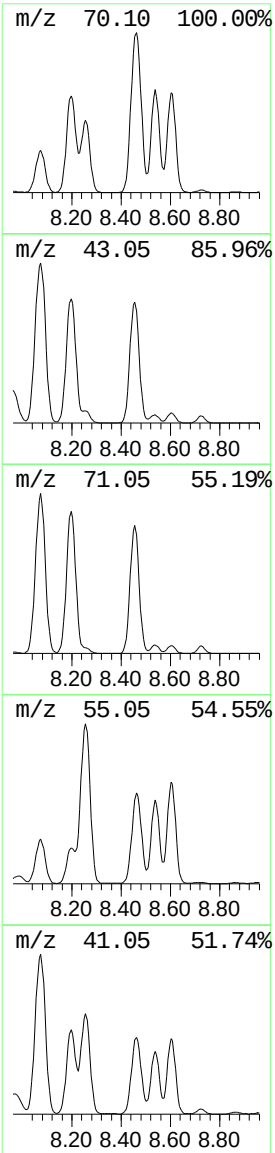
****

Peak Number 1 Heptane, 3-ethyl-5-methylene- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.461	1158.17 ug/l	95949000	1,4-Difluorobenzene	8.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-5-methylene-	140	C10H20	1010160-41-7	53
2	Undecane, 3-methylene-	168	C12H24	071138-64-2	50
3	1-Pentanol, 3,4-dimethyl-	116	C7H16O	006570-87-2	47
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	46
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

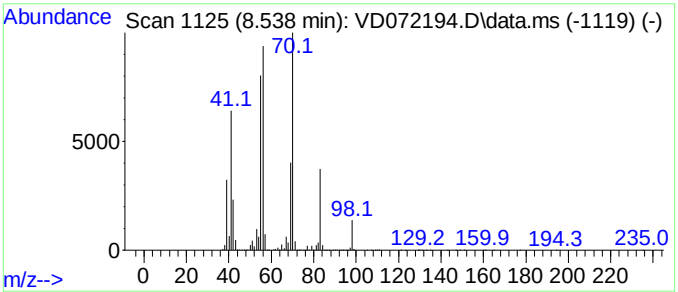
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

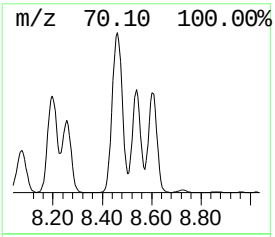
****

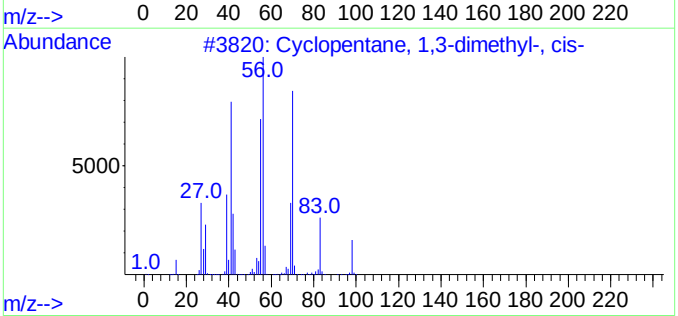
Peak Number 2 Cyclopentane, 1,3-dimethyl-... Concentration Rank 8

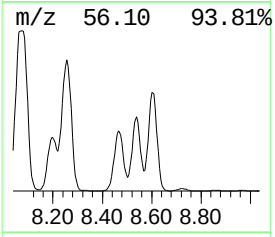
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.538	703.02 ug/l	58241800	1,4-Difluorobenzene	8.861

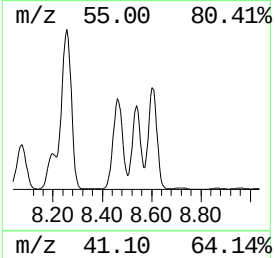
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	80
5	(Z)-2-Heptene	98	C7H14	006443-92-1	49

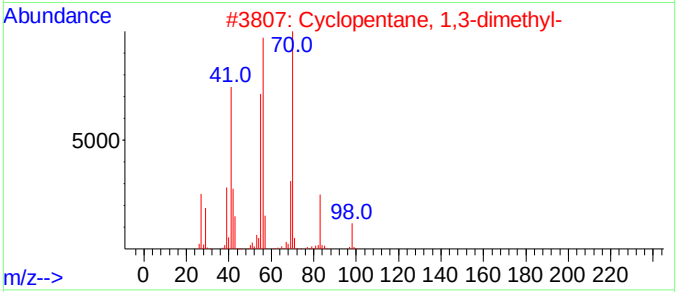


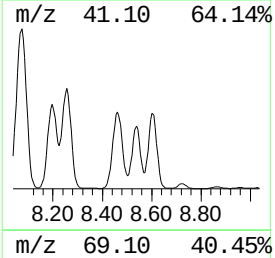


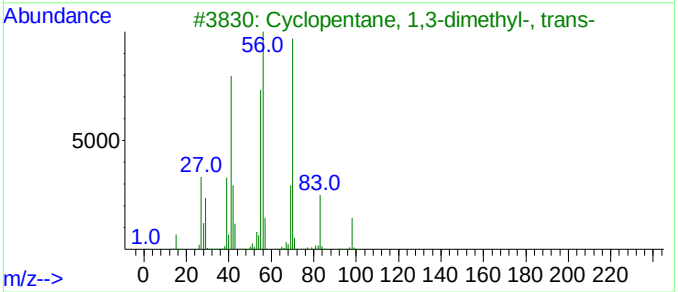


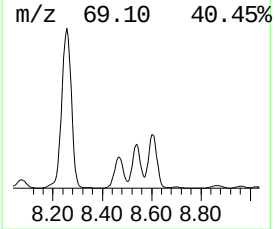












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

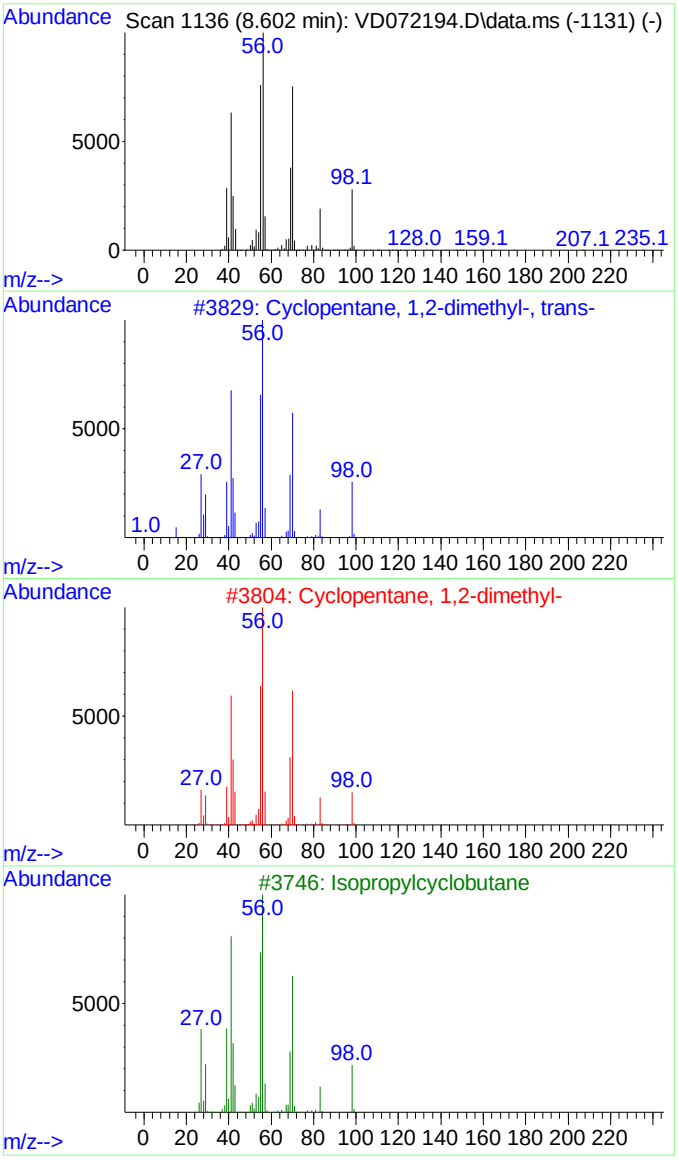
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

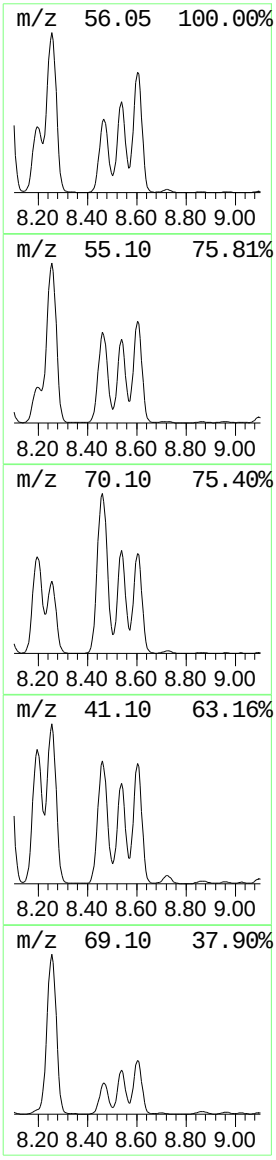
****

Peak Number 3 Cyclopentane, 1,2-dimethyl-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.602	797.88 ug/l	66100900	1,4-Difluorobenzene	8.861

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	94
3	Isopropylcyclobutane	98	C7H14	000872-56-0	94
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
5	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

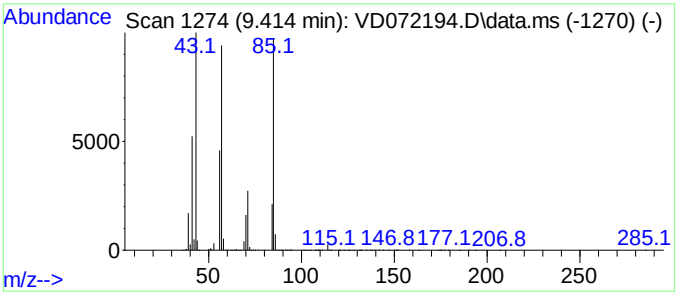
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

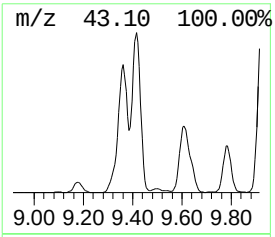
****

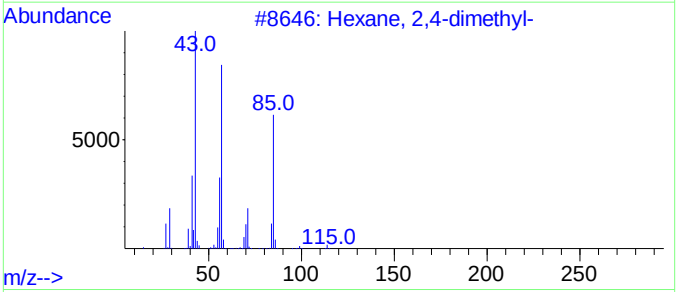
Peak Number 4 Hexane, 2,4-dimethyl- Concentration Rank 5

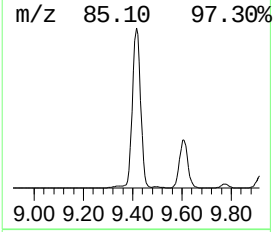
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.414	979.90 ug/l	81180300	1,4-Difluorobenzene	8.861

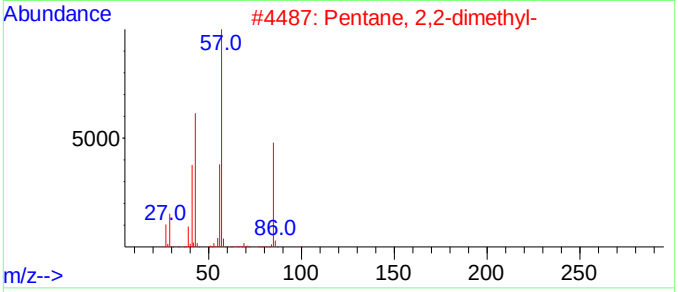
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	74
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	64
3	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	59
4	Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	47
5	Hexane, 1,1'-oxybis-	186	C12H26O	000112-58-3	45

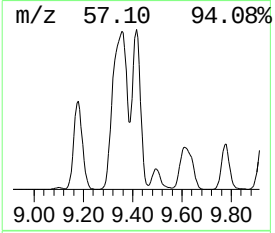


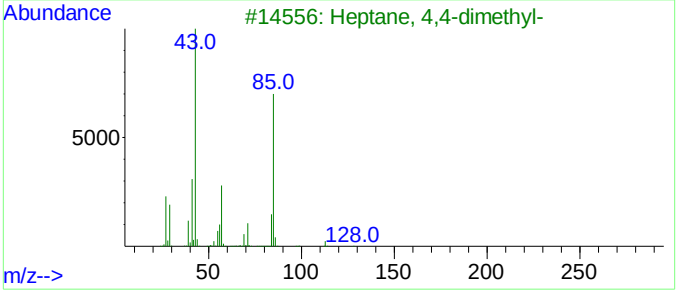


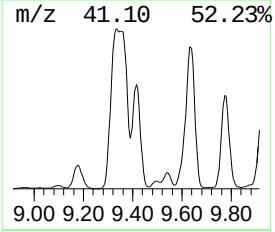


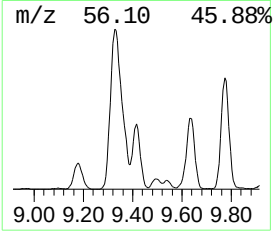












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

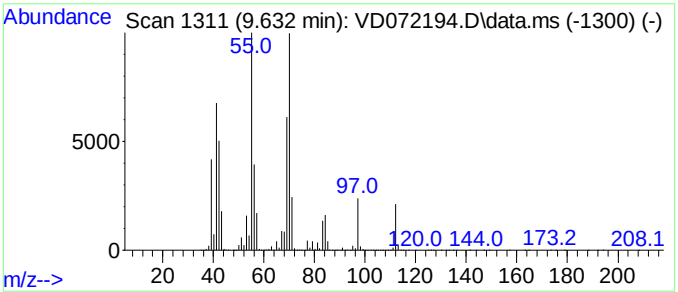
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

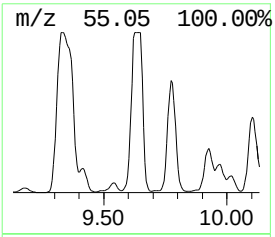
****

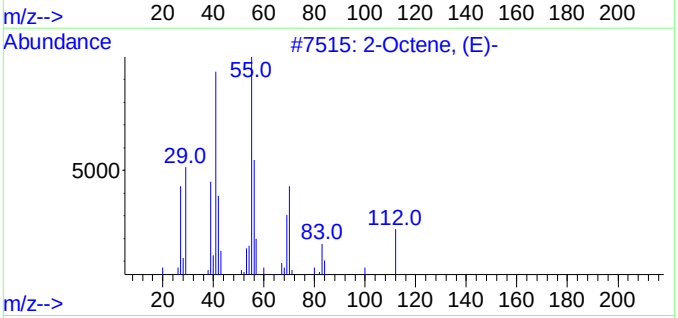
Peak Number 5 2-Octene, (E)- Concentration Rank 1

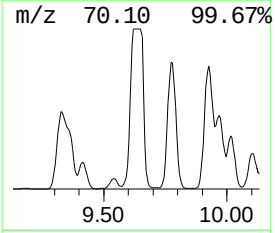
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.632	2169.09 ug/l	179700000	1,4-Difluorobenzene	8.861

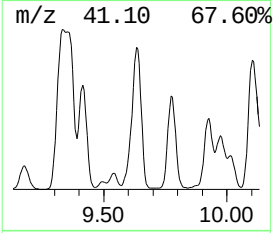
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, (E)-	112	C8H16	013389-42-9	55
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	50
3	2-Octene	112	C8H16	000111-67-1	46
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	46
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	43

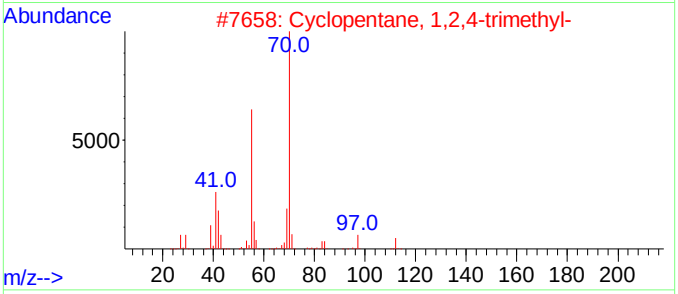


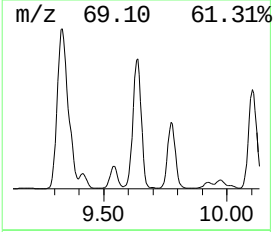


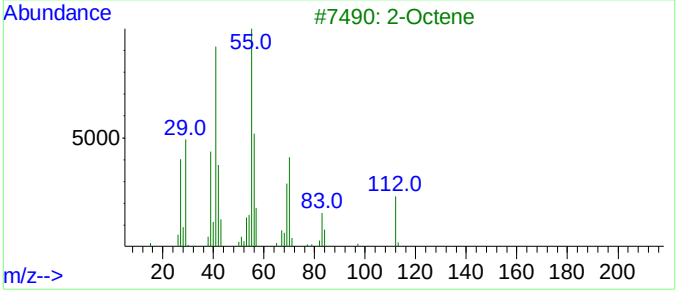


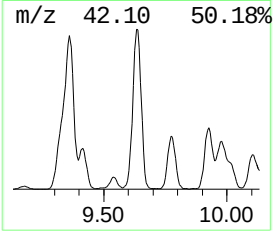












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

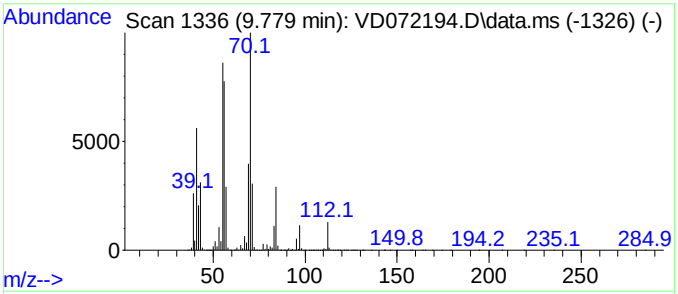
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

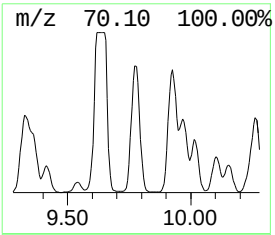
****

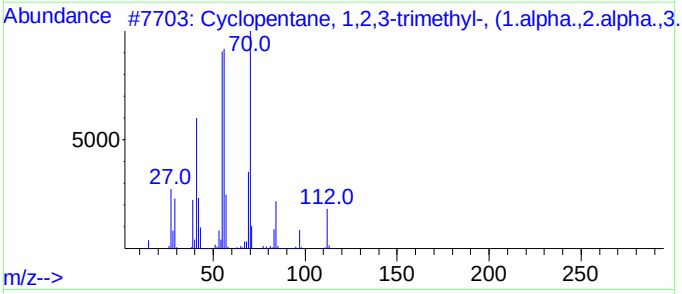
Peak Number 6 Cyclopentane, 1,2,3-trimeth... Concentration Rank 4

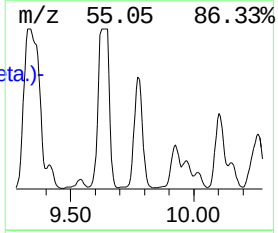
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.779	1140.11 ug/l	94452600	1,4-Difluorobenzene	8.861

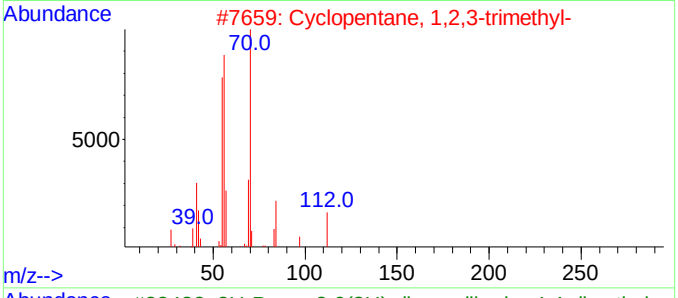
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	90
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	83
3	2H-Pyran-2,6(3H)-dione, dihydro-...	142	C7H10O3	004160-82-1	53
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	52
5	2,2-Dimethyl-1-oxa-spiro[2.3]hexane	112	C7H12O	1000194-04-4	45

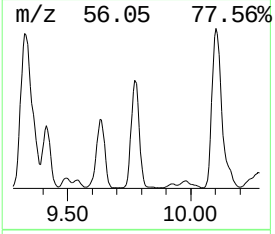


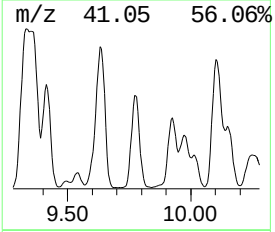


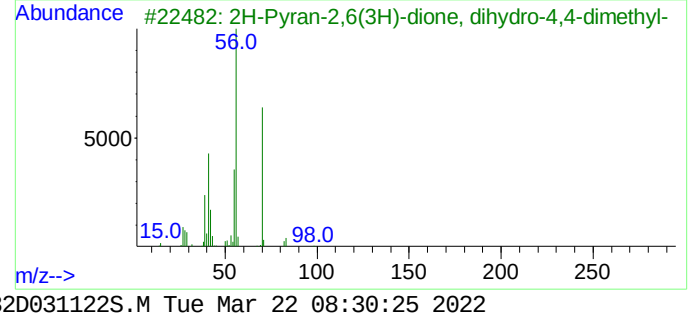


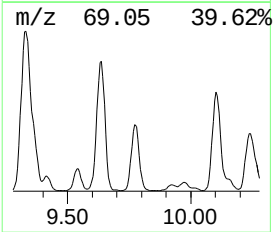












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

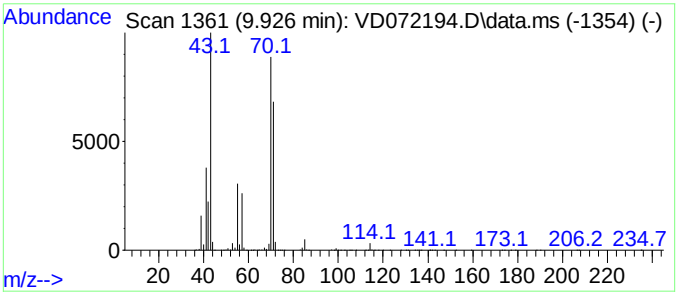
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

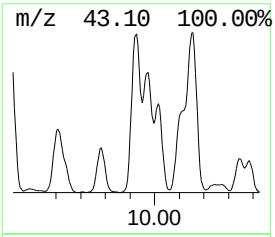
****

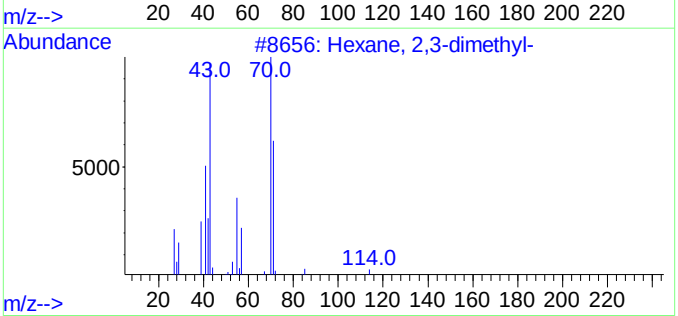
Peak Number 7 Hexane, 2,3-dimethyl- Concentration Rank 6

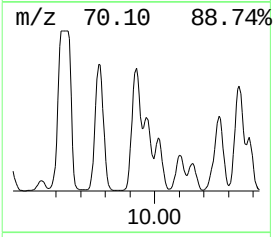
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.926	800.29 ug/l	66300100	1,4-Difluorobenzene	8.861

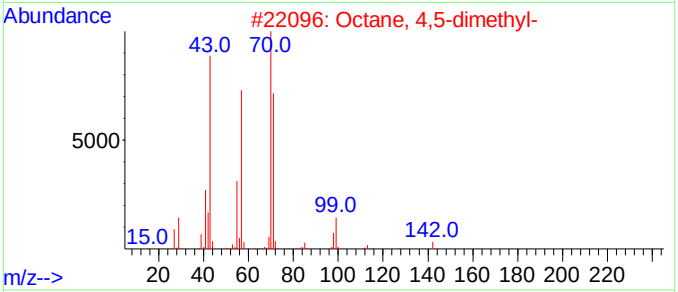
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	91
2	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	83
3	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	78
4	Pyrrolidine	71	C4H9N	000123-75-1	78
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	74

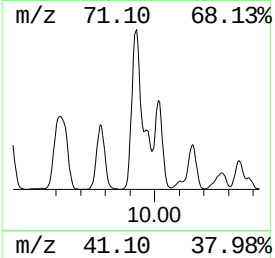


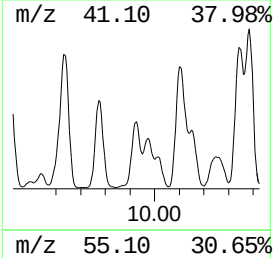


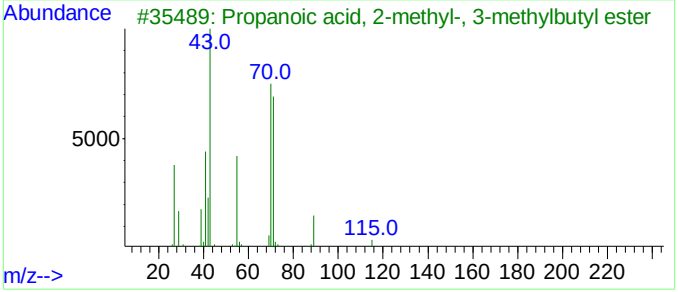


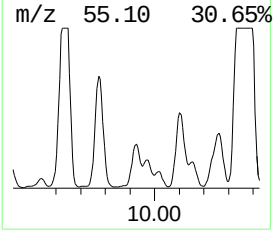












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

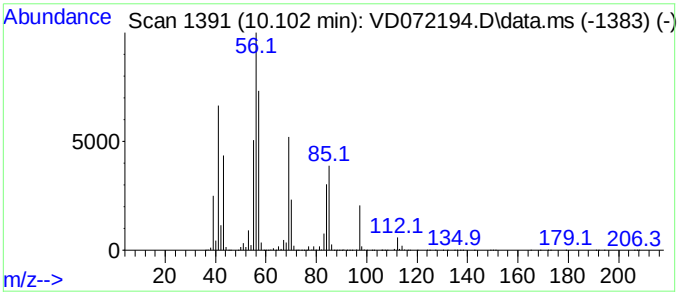
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

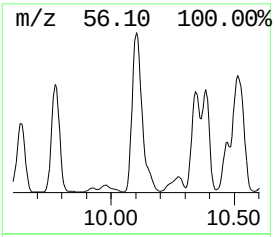
****

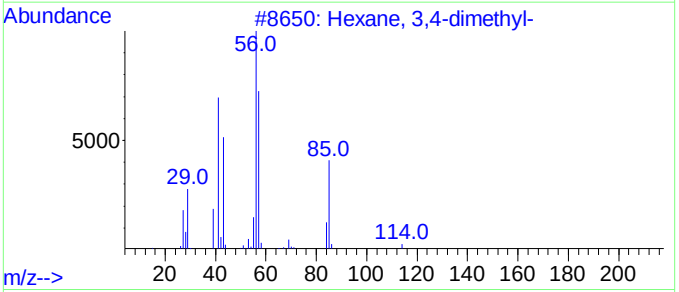
Peak Number 8 Hexane, 3,4-dimethyl- Concentration Rank 2

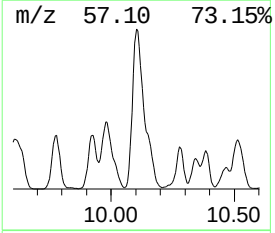
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.102	1523.28 ug/l	126197000	1,4-Difluorobenzene	8.861

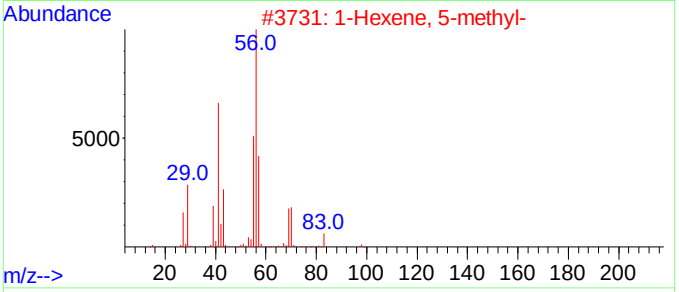
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	58
2	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	46
3	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	43
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43
5	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	38

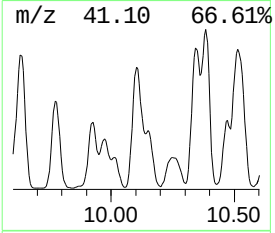


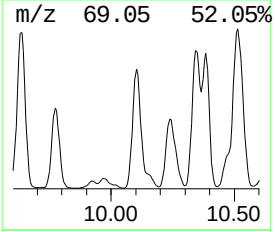


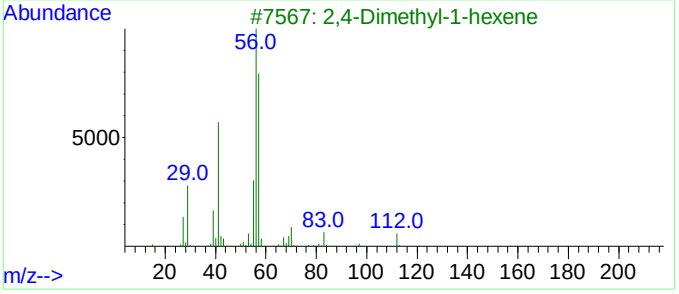


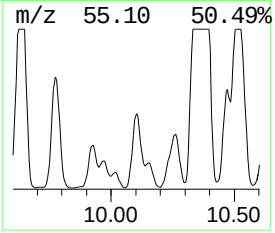












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

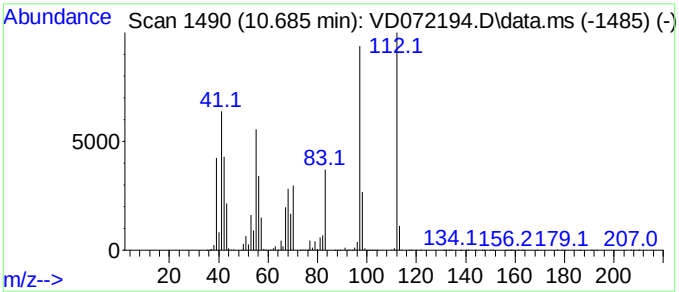
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

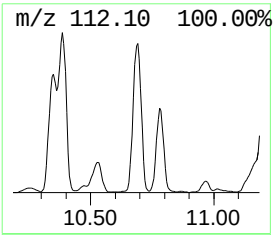
****

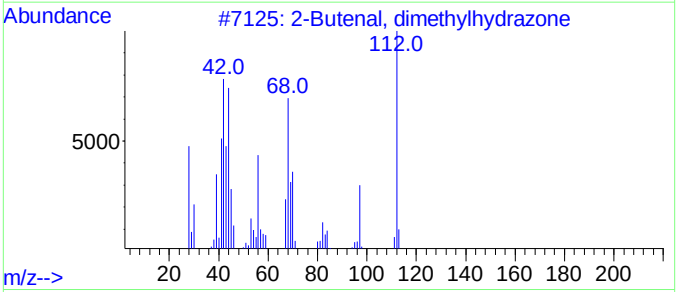
Peak Number 9 unknown10.685 Concentration Rank 10

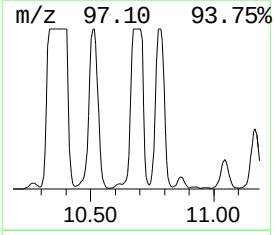
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.685	385.78 ug/l	221419000	Chlorobenzene-d5	11.644

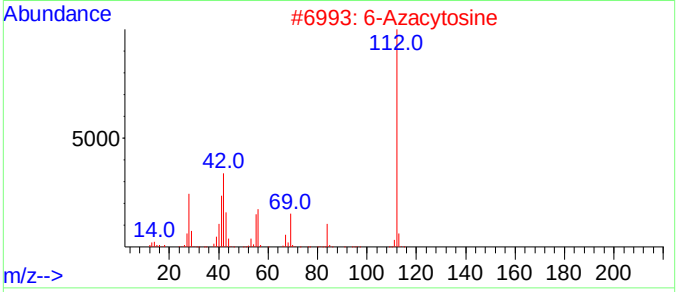
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, dimethylhydrazone	112	C6H12N2	007422-95-9	43
2	6-Azacytosine	112	C3H4N4O	000931-85-1	43
3	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	43
4	Cycloheptanone	112	C7H12O	000502-42-1	43
5	2-Octene, (E)-	112	C8H16	013389-42-9	38

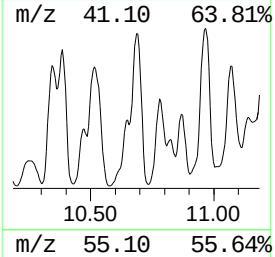


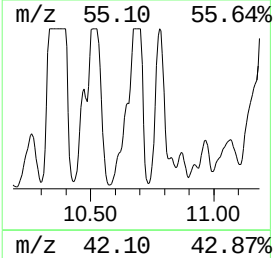


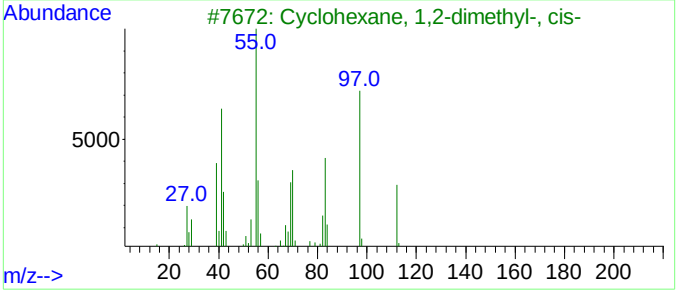


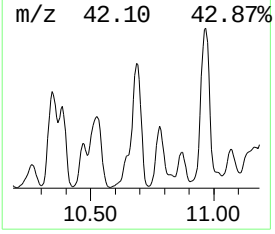












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

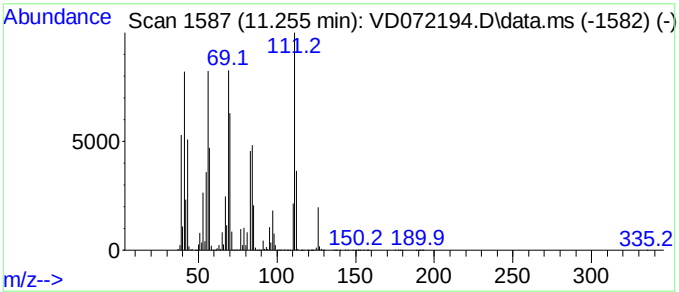
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

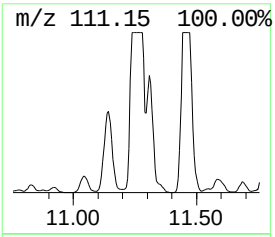
****

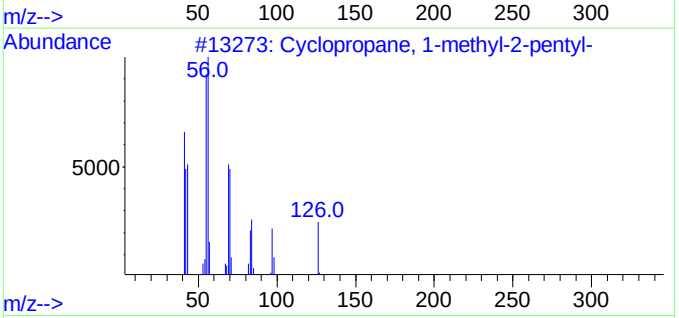
Peak Number 10 Cyclopropane, 1-methyl-2-pe... Concentration Rank 9

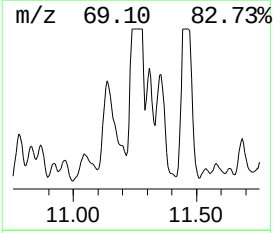
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.255	512.38 ug/l	294078000	Chlorobenzene-d5	11.644

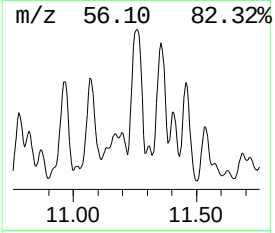
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	53
2	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	47
3	3-Nonene, (E)-	126	C9H18	020063-92-7	46
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	38
5	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	35

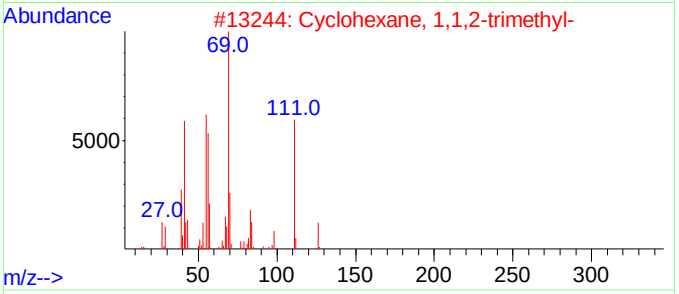


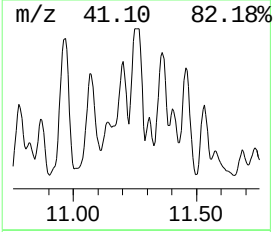


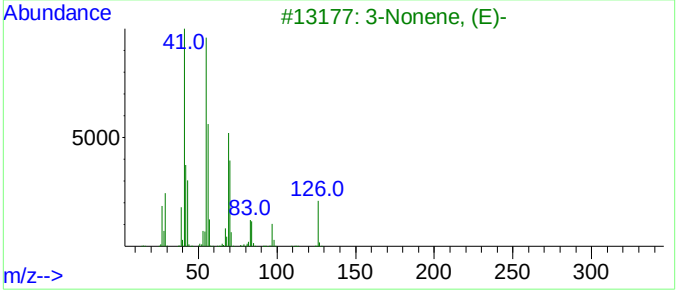


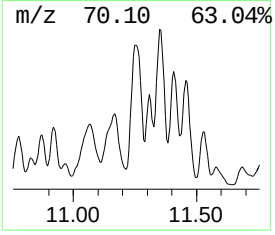












Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072194.D
Acq On : 15 Mar 2022 17:43
Operator : VA/SY
Sample : N1905-09
Misc : 4.66G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-2-(4.0-4.5)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.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, 3-ethy...	8.461	1158.2	ug/l	95949000	2	8.861	4142270	50.0
Cyclopentane, 1...	8.538	703.0	ug/l	58241800	2	8.861	4142270	50.0
Cyclopentane, 1...	8.602	797.9	ug/l	66100900	2	8.861	4142270	50.0
Hexane, 2,4-dim...	9.414	979.9	ug/l	81180300	2	8.861	4142270	50.0
2-Octene, (E)-	9.632	2169.1	ug/l	179700000	2	8.861	4142270	50.0
Cyclopentane, 1...	9.779	1140.1	ug/l	94452600	2	8.861	4142270	50.0
Hexane, 2,3-dim...	9.926	800.3	ug/l	66300100	2	8.861	4142270	50.0
Hexane, 3,4-dim...	10.102	1523.3	ug/l	126197000	2	8.861	4142270	50.0
unknown10.685	10.685	385.8	ug/l	221419000	3	11.644	28697300	50.0
Cyclopropane, 1...	11.255	512.4	ug/l	294078000	3	11.644	28697300	50.0