LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072191.D
Acq On : 15 Mar 2022 16:18
Operator : VA/SY
Sample : N1905-03
Misc : 3.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-3-(3.0-3.5)

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: VD072191.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	17	rVB3	38748	51323	1.50%	0.167%
2	2.344	63	72	81	rBV	53234	98576	2.89%	0.320%
3	3.038	179	190	202	rBV	190705	415917	12.19%	1.351%
4	3.403	244	252	263	rVB2	32278	80622	2.36%	0.262%
5	4.150	365	379	391	rBV3	44803	152617	4.47%	0.496%
6	4.950	502	515	520	rBV4	67198	229323	6.72%	0.745%
7	5.014	523	526	543	rVB4	70535	222133	6.51%	0.721%
8	5.485	593	606	619	rBV	139563	482677	14.15%	1.568%
9	6.761	811	823	833	rBV4	38145	118978	3.49%	0.386%
10	6.926	838	851	860	rVV2	63906	200341	5.87%	0.651%
11	7.026	860	868	878	rVB4	49940	145998	4.28%	0.474%
12	7.202	886	898	911	rVB5	30617	101689	2.98%	0.330%
13	7.732	981	988	996	rVB4	35863	99690	2.92%	0.324%
14	7.914	1006	1019	1023	rBV	358461	855401	25.07%	2.778%
15	7.979	1023	1030	1038	rVV2	754546	1803979	52.88%	5.859%
16	8.061	1038	1044	1055	rVB	195018	490602	14.38%	1.593%
17	8.185	1057	1065	1069	rBV3	74371	170234	4.99%	0.553%
18	8.244	1069	1075	1082	rVV2	213961	546116	16.01%	1.774%
19	8.326	1082	1089	1099	rVV	322555	756570	22.18%	2.457%
20	8.455	1101	1111	1117	rVV5	145330	378661	11.10%	1.230%
21	8.532	1118	1124	1129	rVV3	113077	266130	7.80%	0.864%
22	8.597	1129	1135	1144	rVB2	302177	665080	19.49%	2.160%
23	8.720	1150	1156	1165	rVB9	13122	34735	1.02%	0.113%
24	8.861	1170	1180	1191	rBV	957914	1948139	57.10%	6.327%
25	9.091	1212	1219	1225	rBV3	46691	105481	3.09%	0.343%
26	9.167	1226	1232	1239	rVB	34079	79287	2.32%	0.257%
27	9.320	1248	1258	1260	rBV5	414771	829595	24.32%	2.694%
28	9.402	1269	1272	1281	rVB	129879	243222	7.13%	0.790%
29	9.496	1281	1288	1289	rBV5	24867	44585	1.31%	0.145%
30	9.626	1299	1310	1317	rVB4	205266	506234	14.84%	1.644%
31	9.767	1317	1334	1344	rBV2	224141	464938	13.63%	1.510%
32	9.873	1346	1352	1353	rBV3	26799	40128	1.18%	0.130%
33	9.908	1354	1358	1362	rVV3	42730	72729	2.13%	0.236%
34	9.961	1362	1367	1373	rVB3	74828	142692	4.18%	0.463%
35	10.020	1373	1377	1382	rVB6	20811	42863	1.26%	0.139%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072191.D
Acq On : 15 Mar 2022 16:18
Operator : VA/SY
Sample : N1905-03
Misc : 3.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-3-(3.0-3.5)

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	10.096	1382	1390	1396	rBV	234185	489212	14.34%	1.589%
37	10.144	1396	1398	1405	rVB5	23206	39626	1.16%	0.129%
38	10.226	1405	1412	1416	rBV2	91308	197730	5.80%	0.642%
39	10.338	1422	1431	1444	rBV	1721316	3411604	100.00%	11.080%
40	10.502	1448	1459	1471	rVB3	191645	507839	14.89%	1.649%
41	10.632	1471	1481	1485	rBV2	176012	378537	11.10%	1.229%
42	10.673	1485	1488	1494	rVV	174781	274207	8.04%	0.891%
43	10.761	1496	1503	1509	rVV4	131743	339362	9.95%	1.102%
44	10.820	1509	1513	1518	rVB3	50924	82686	2.42%	0.269%
45	10.908	1524	1528	1531	rBV2	57678	96189	2.82%	0.312%
46	10.943	1531	1534	1542	rVB	79838	139010	4.07%	0.451%
47	11.049	1542	1552	1554	rBV7	45235	122335	3.59%	0.397%
48	11.120	1560	1564	1566	rBV5	37094	51932	1.52%	0.169%
49	11.149	1566	1569	1573	rVB3	41240	63501	1.86%	0.206%
50	11.238	1578	1584	1590	rVV	278059	490650	14.38%	1.593%
51	11.291	1590	1593	1598	rVV3	100233	163635	4.80%	0.531%
52	11.338	1598	1601	1607	rVB7	41204	71975	2.11%	0.234%
53	11.443	1614	1619	1629	rVB5	131135	273275	8.01%	0.887%
54	11.549	1629	1637	1644	rBV9	26950	66830	1.96%	0.217%
55	11.638	1644	1652	1666	rVB	1554273	2707030	79.35%	8.791%
56	11.773	1668	1675	1679	rBV2	65627	107291	3.14%	0.348%
57	11.826	1679	1684	1690	rBV3	65187	129762	3.80%	0.421%
58	11.902	1691	1697	1706	rVB4	123335	280520	8.22%	0.911%
59	11.990	1706	1712	1716	rBV5	45786	95359	2.80%	0.310%
60	12.043	1716	1721	1727	rVB3	34913	59765	1.75%	0.194%
61	12.132	1730	1736	1744	rBV4	85423	186151	5.46%	0.605%
62	12.202	1744	1748	1751	rBV2	35163	53799	1.58%	0.175%
63	12.338	1764	1771	1783	rVB9	63813	213890	6.27%	0.695%
64	12.449	1783	1790	1796	rBV7	72713	169747	4.98%	0.551%
65	12.626	1813	1820	1827	rVB2	1303539	2177378	63.82%	7.071%
66	12.785	1841	1847	1854	rVB3	216741	404617	11.86%	1.314%
67	12.873	1854	1862	1869	rBV9	33654	95715	2.81%	0.311%
68	12.955	1869	1876	1885	rBV9	74504	241796	7.09%	0.785%
69	13.073	1891	1896	1897	rBV2	39910	54803	1.61%	0.178%
70	13.132	1903	1906	1910	rBV2	56768	80569	2.36%	0.262%
71	13.208	1916	1919	1925	rVB6	45150	78192	2.29%	0.254%
72	13.273	1925	1930	1932	rBV4	30761	49473	1.45%	0.161%
73	13.302	1932	1935	1945	rVB4	37494	94382	2.77%	0.307%
74	13.414	1946	1954	1958	rBV8	36358	114057	3.34%	0.370%
75	13.561	1972	1979	1989	rVB	1527953	2485545	72.86%	8.072%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072191.D
Acq On : 15 Mar 2022 16:18
Operator : VA/SY
Sample : N1905-03
Misc : 3.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-3-(3.0-3.5)

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	13.708	1999	2004	2008	rVB3	57089	88937	2.61%	0.289%
77	13.884	2028	2034	2040	rVV5	55652	97081	2.85%	0.315%
78	14.020	2049	2057	2063	rBV9	34131	87153	2.55%	0.283%
79	14.084	2064	2068	2074	rVV3	42087	74656	2.19%	0.242%
80	14.273	2095	2100	2106	rVB9	19827	40732	1.19%	0.132%
81	14.396	2116	2121	2125	rBV5	30074	55801	1.64%	0.181%
82	14.561	2143	2149	2153	rVB8	29415	51121	1.50%	0.166%
83	14.737	2175	2179	2184	rVB8	18811	40134	1.18%	0.130%
84	14.855	2195	2199	2206	rVB3	42767	73767	2.16%	0.240%
85	15.349	2279	2283	2288	rVB5	25438	48227	1.41%	0.157%
86	15.579	2320	2322	2332	rVB10	20474	40247	1.18%	0.131%
87	15.761	2350	2353	2361	rVB9	34074	66547	1.95%	0.216%

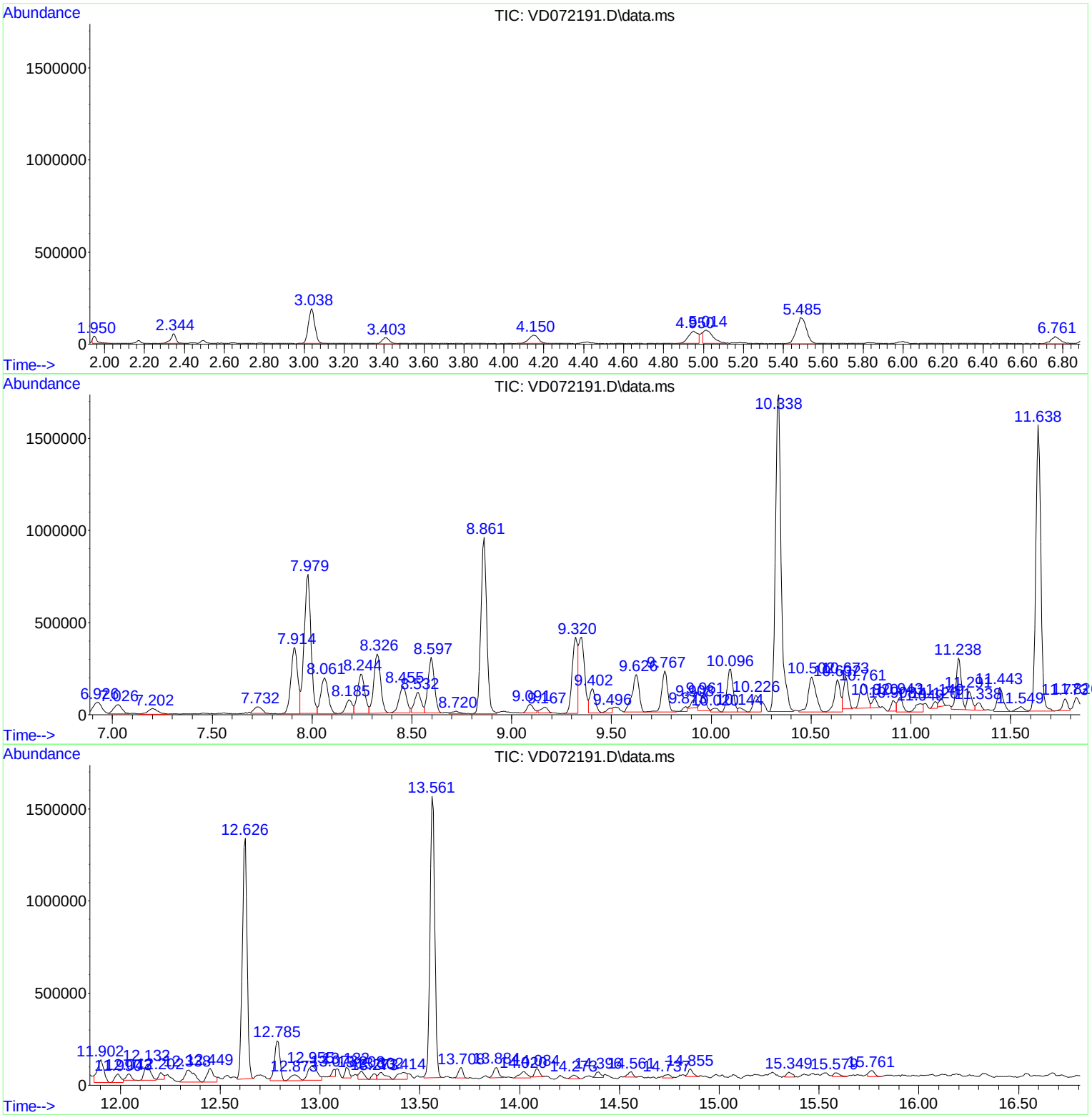
Sum of corrected areas: 30791664

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072191.D
Acq On : 15 Mar 2022 16:18
Operator : VA/SY
Sample : N1905-03
Misc : 3.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-3-(3.0-3.5)

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 : VD072191.D
Acq On : 15 Mar 2022 16:18
Operator : VA/SY
Sample : N1905-03
Misc : 3.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-3-(3.0-3.5)

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

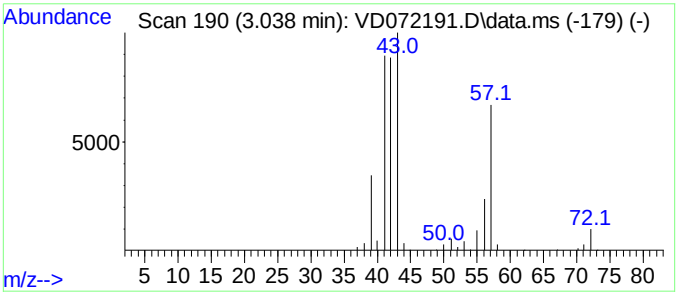
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

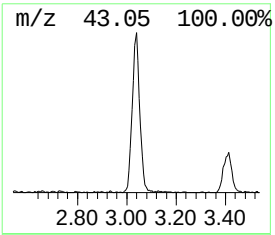
****

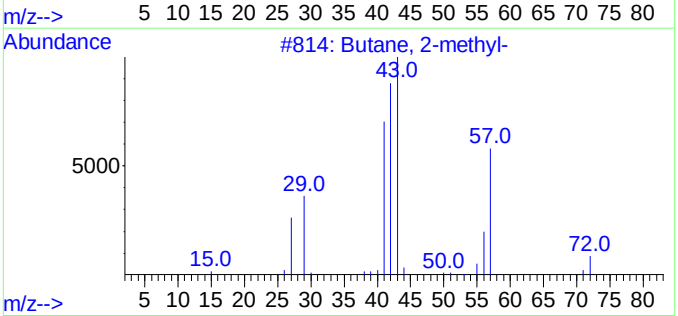
Peak Number 1 Butane, 2-methyl- Concentration Rank 8

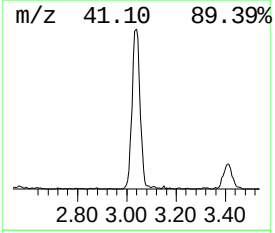
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.038	11.53 ug/l	415917	Pentafluorobenzene	7.973

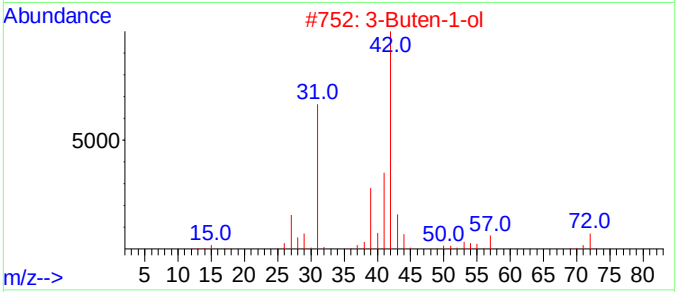
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	87
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	33
4	Butane, 2-chloro-3-methyl-	106	C5H11Cl	000631-65-2	28
5	1-Butene	56	C4H8	000106-98-9	10

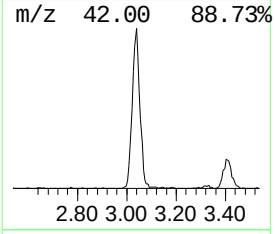


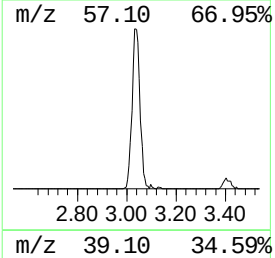


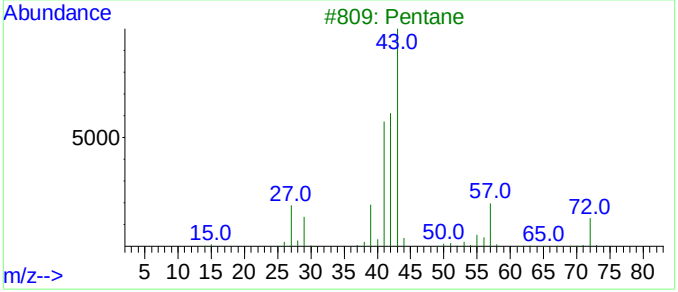


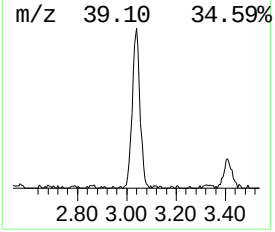












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072191.D
Acq On : 15 Mar 2022 16:18
Operator : VA/SY
Sample : N1905-03
Misc : 3.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-3-(3.0-3.5)

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

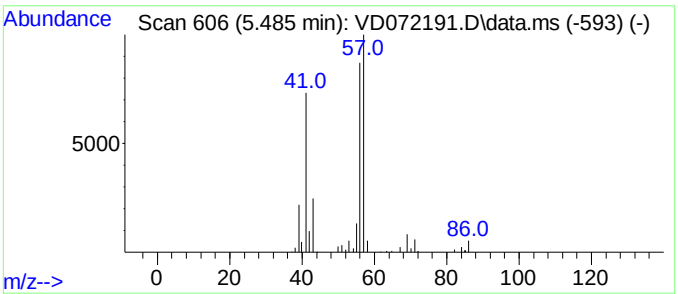
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

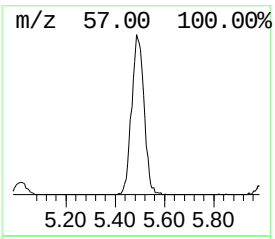
****

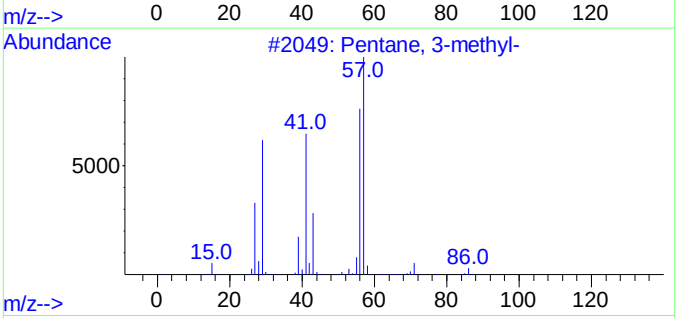
Peak Number 2 Pentane, 3-methyl- Concentration Rank 4

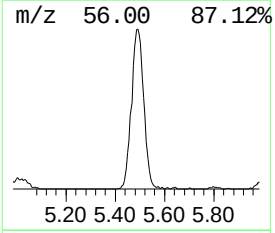
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.485	13.38 ug/l	482677	Pentafluorobenzene	7.973

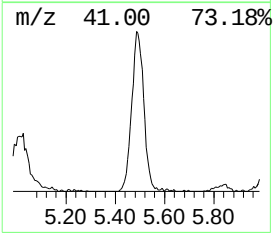
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	78
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	72
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64

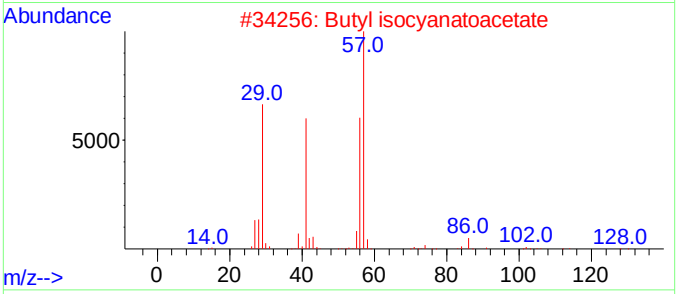


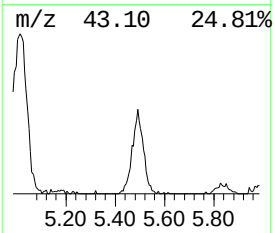


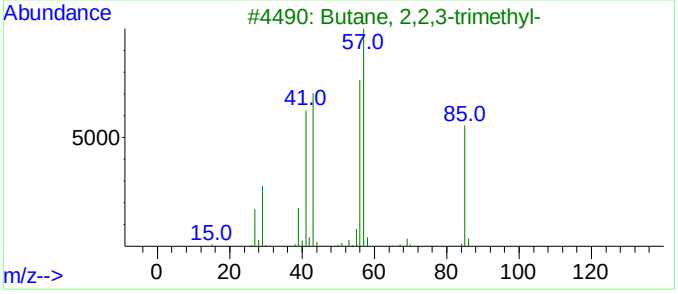


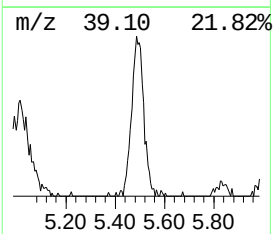












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072191.D
Acq On : 15 Mar 2022 16:18
Operator : VA/SY
Sample : N1905-03
Misc : 3.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-3-(3.0-3.5)

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

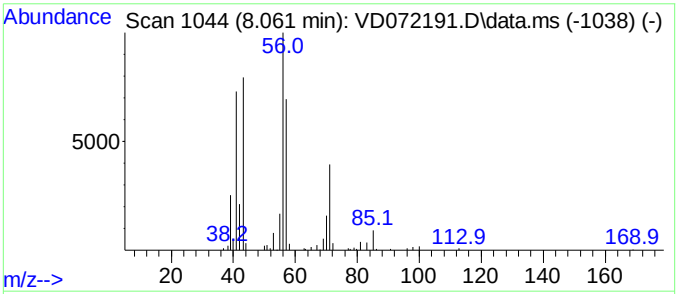
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

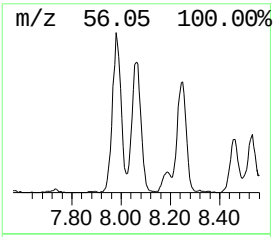
****

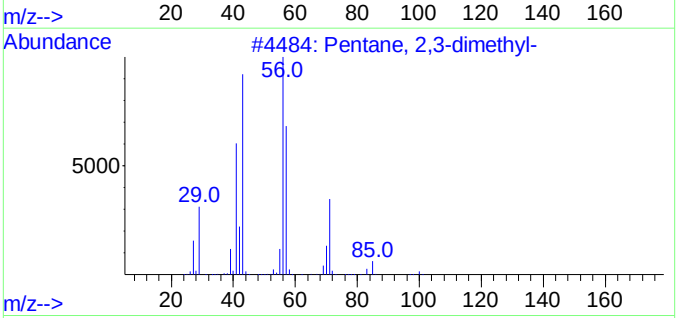
Peak Number 3 Pentane, 2,3-dimethyl- Concentration Rank 3

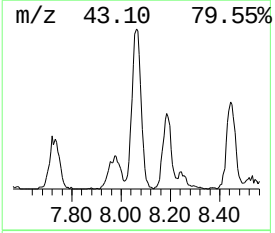
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.061	13.60 ug/l	490602	Pentafluorobenzene	7.973

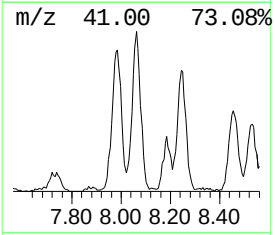
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	47
3	Isobutyl pentyl carbonate	188	C10H20O3	178442-32-5	47
4	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	46
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	45

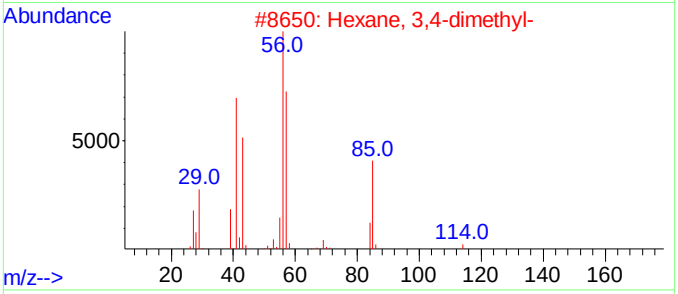


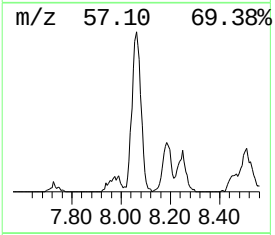


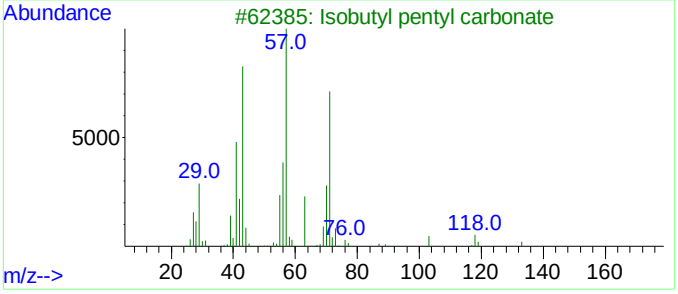


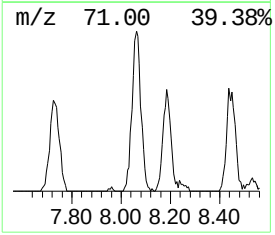












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072191.D
Acq On : 15 Mar 2022 16:18
Operator : VA/SY
Sample : N1905-03
Misc : 3.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-3-(3.0-3.5)

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

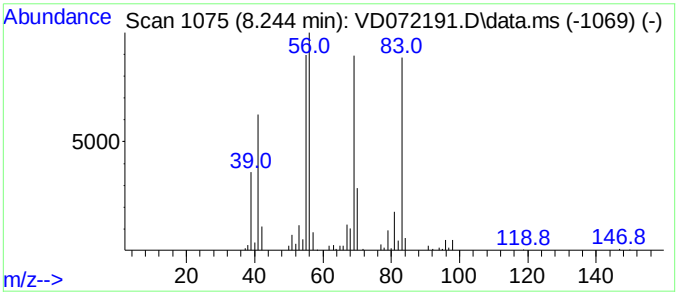
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

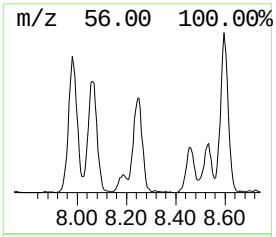
****

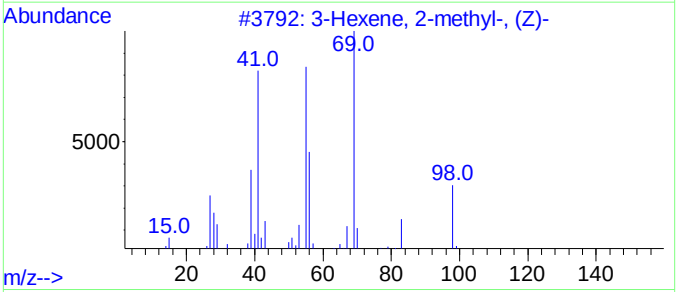
Peak Number 4 unknown8.244 Concentration Rank 2

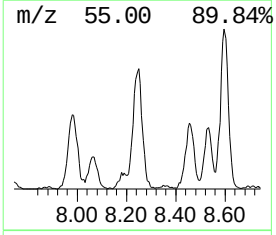
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.244	15.14 ug/l	546116	Pentafluorobenzene	7.973

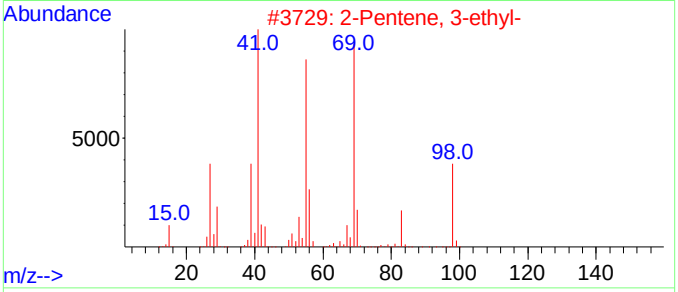
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	38
2	2-Pentene, 3-ethyl-	98	C7H14	000816-79-5	35
3	3-Methyl-3-hexene	98	C7H14	003404-65-7	30
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	30
5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	30

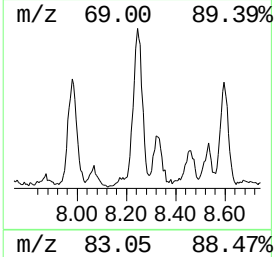


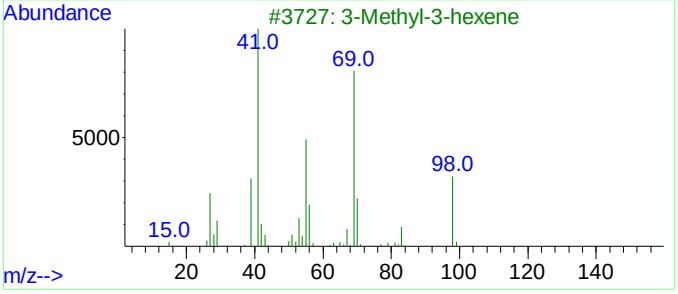


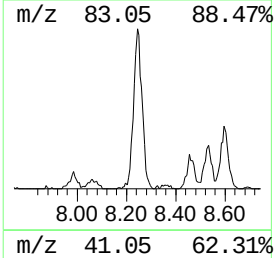


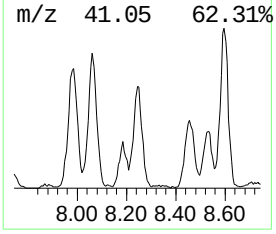












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072191.D
Acq On : 15 Mar 2022 16:18
Operator : VA/SY
Sample : N1905-03
Misc : 3.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-3-(3.0-3.5)

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

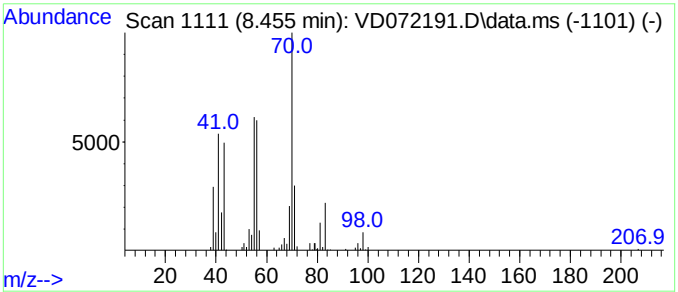
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

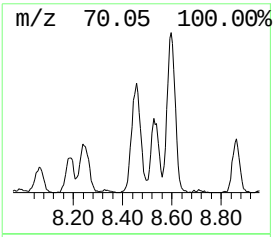
****

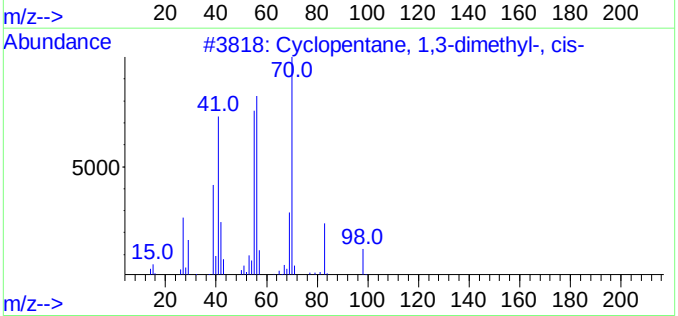
Peak Number 5 Cyclopentane, 1,3-dimethyl-... Concentration Rank 9

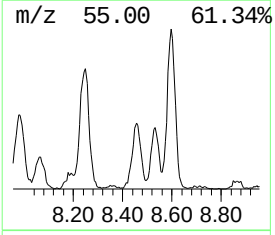
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.455	9.72 ug/l	378661	1,4-Difluorobenzene	8.861

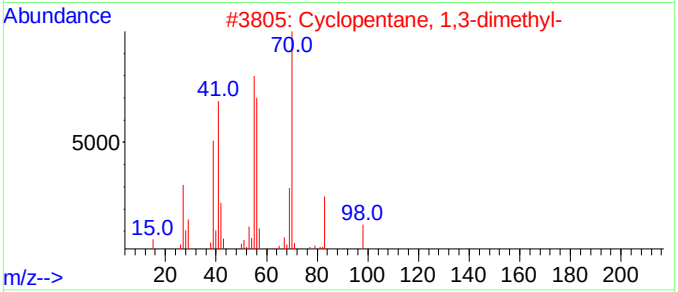
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	94
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	60
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	53
5	Cycloheptane	98	C7H14	000291-64-5	52

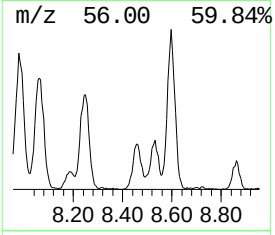


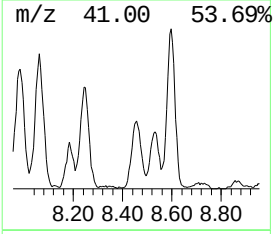


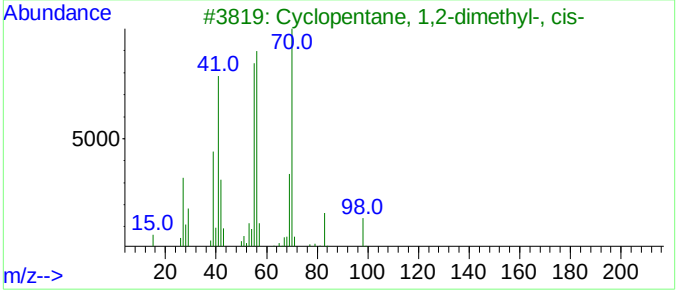


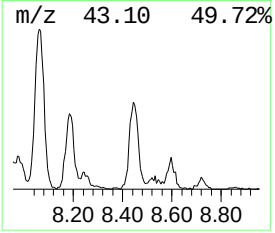












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072191.D
Acq On : 15 Mar 2022 16:18
Operator : VA/SY
Sample : N1905-03
Misc : 3.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-3-(3.0-3.5)

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

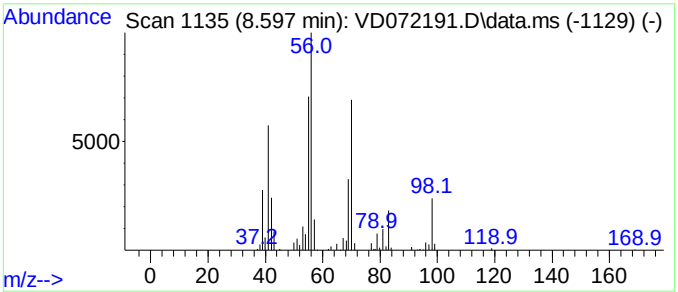
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

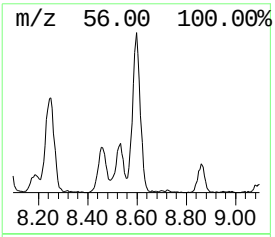
****

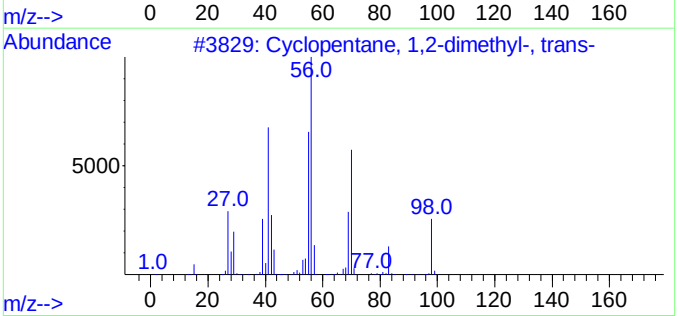
Peak Number 6 Cyclopentane, 1,2-dimethyl-... Concentration Rank 1

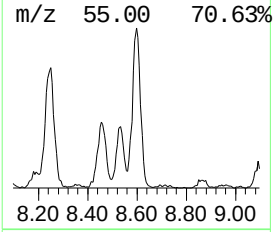
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.597	17.07 ug/l	665080	1,4-Difluorobenzene	8.861

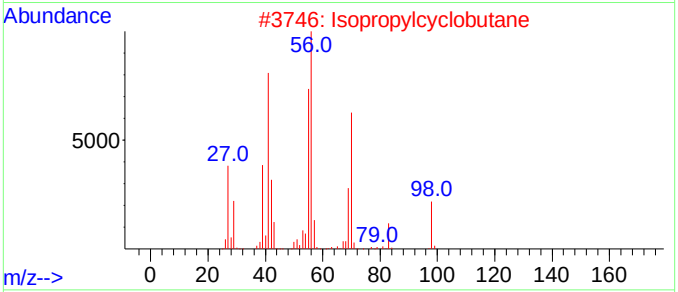
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
2	Isopropylcyclobutane	98	C7H14	000872-56-0	91
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	90
4	1-Heptene	98	C7H14	000592-76-7	80
5	(Z)-2-Heptene	98	C7H14	006443-92-1	64

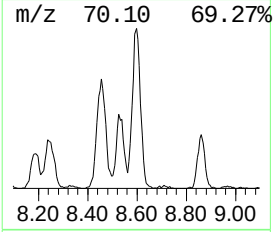


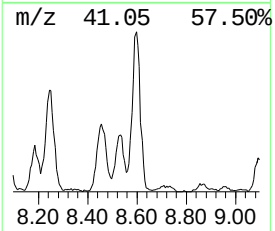


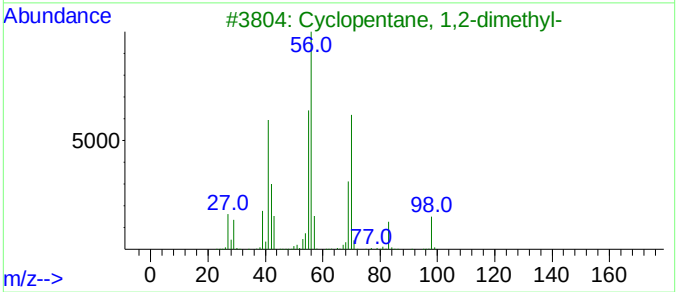


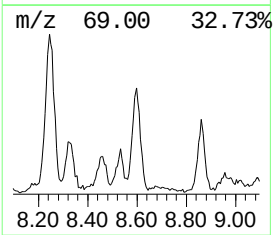












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072191.D
Acq On : 15 Mar 2022 16:18
Operator : VA/SY
Sample : N1905-03
Misc : 3.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-3-(3.0-3.5)

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

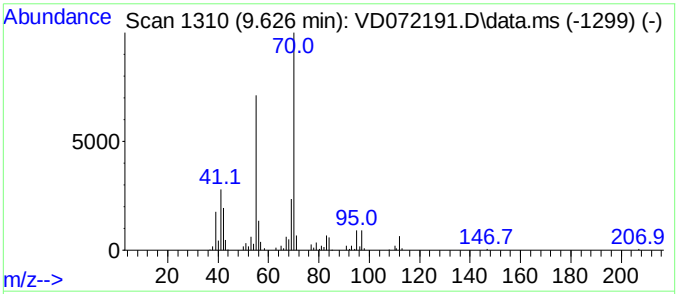
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

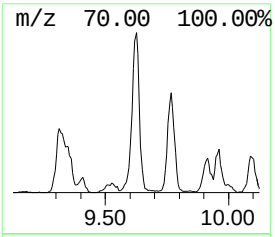
****

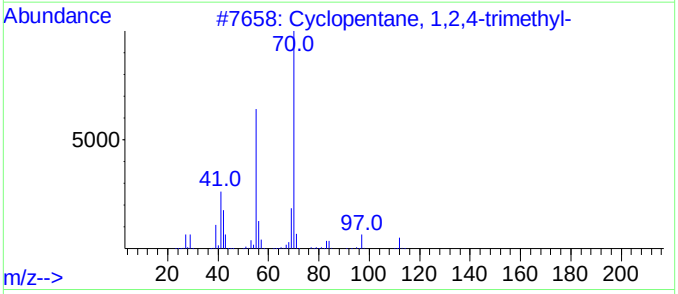
Peak Number 7 Cyclopentane, 1,2,4-trimethyl- Concentration Rank 5

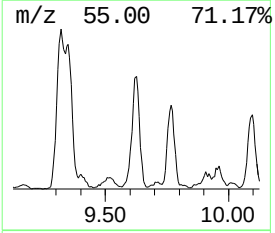
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.626	12.99 ug/l	506234	1,4-Difluorobenzene	8.861

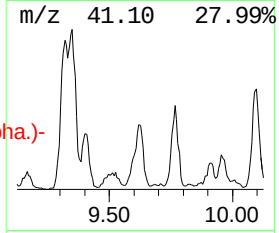
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	87
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	83
4	Tridecane, 3-methylene-	196	C14H28	019780-34-8	72
5	Heptane, 3-methylene-	112	C8H16	001632-16-2	72

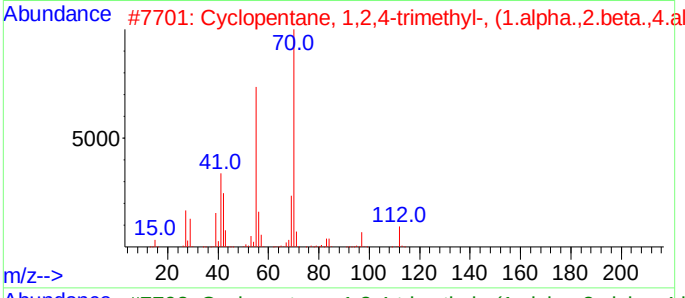


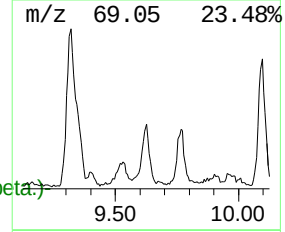


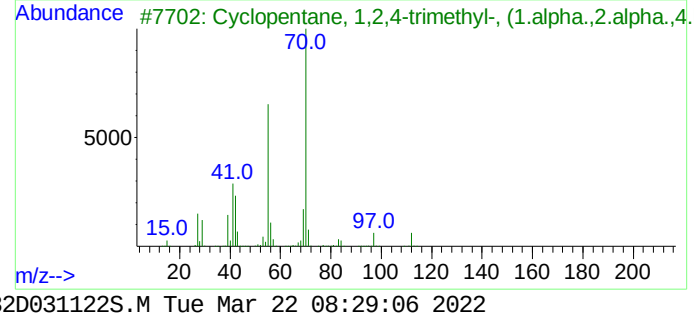


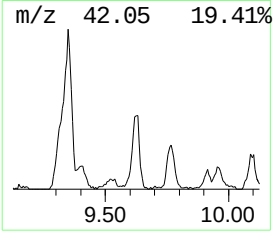












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072191.D
Acq On : 15 Mar 2022 16:18
Operator : VA/SY
Sample : N1905-03
Misc : 3.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-3-(3.0-3.5)

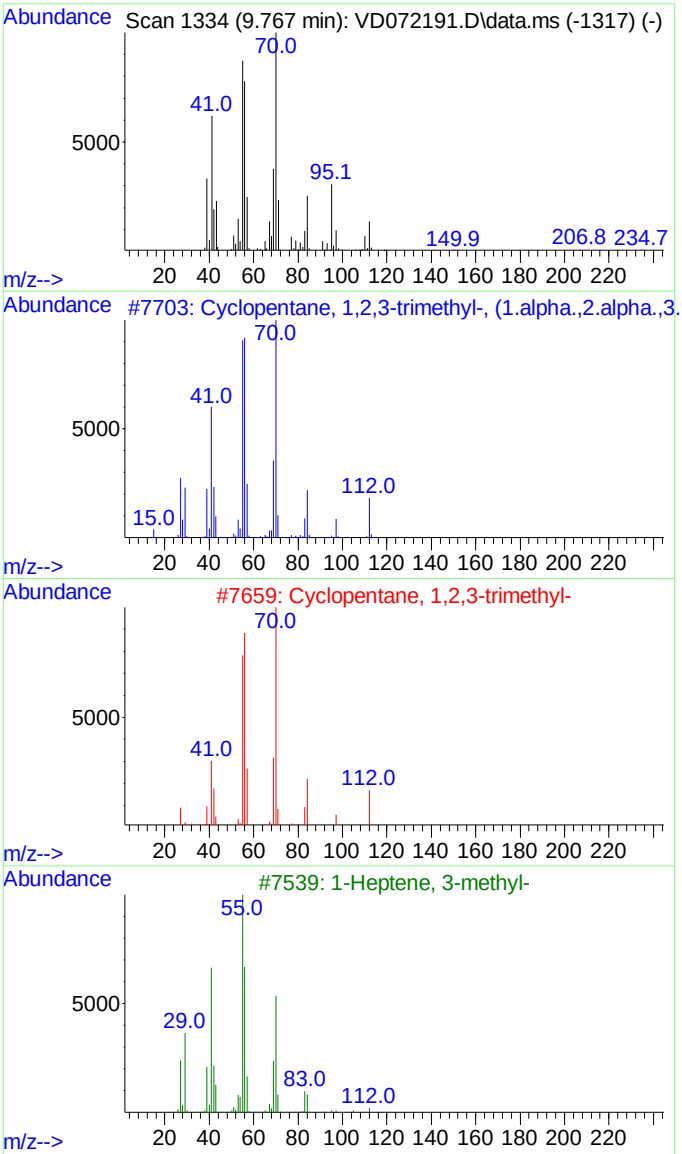
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260

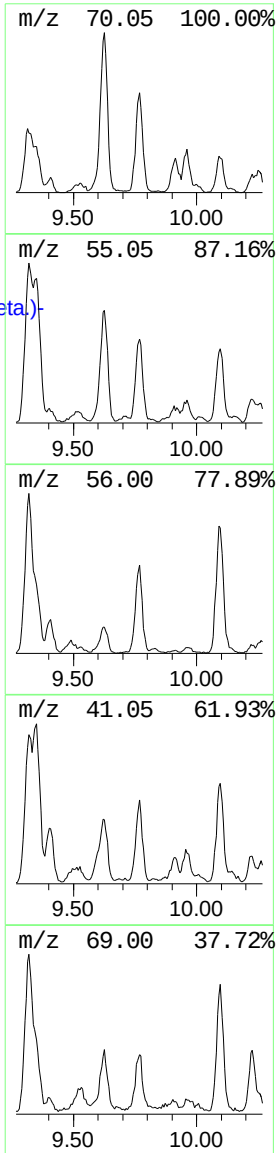
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclopentane, 1,2,3-trimeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.767	11.93 ug/l	464938	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	93
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	87
3	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	74
4	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	49
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072191.D
Acq On : 15 Mar 2022 16:18
Operator : VA/SY
Sample : N1905-03
Misc : 3.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-3-(3.0-3.5)

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

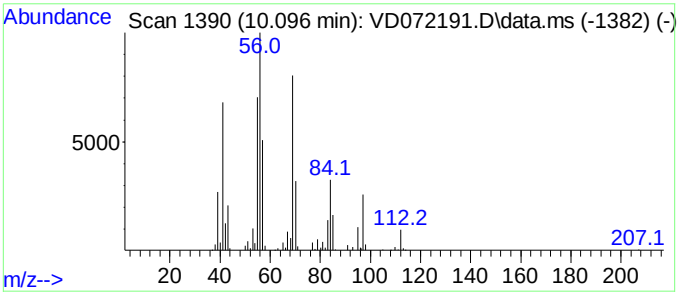
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

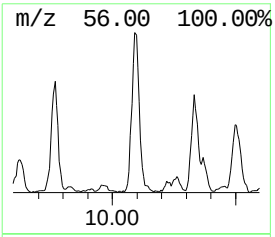
****

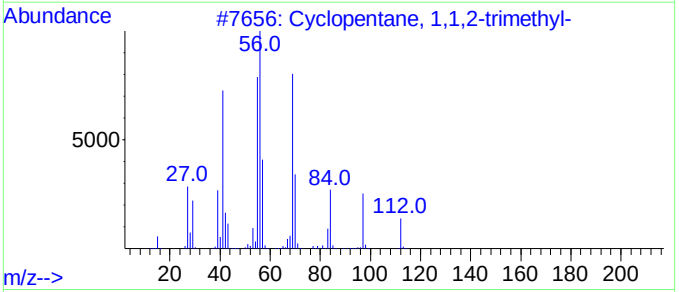
Peak Number 9 Cyclopentane, 1,1,2-trimethyl- Concentration Rank 6

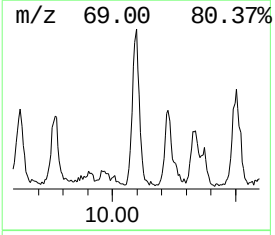
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.097	12.56 ug/l	489212	1,4-Difluorobenzene	8.861

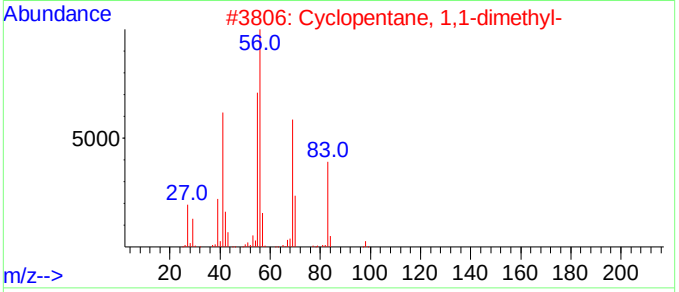
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,2-trimethyl-	112	C8H16	004259-00-1	93
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	58
3	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	50
4	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	43
5	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	38

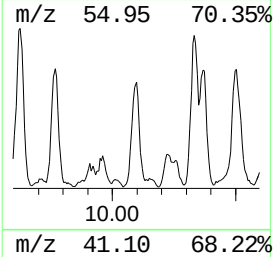


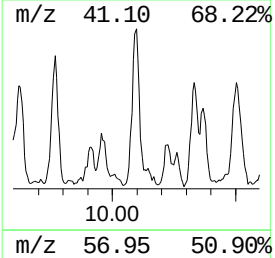


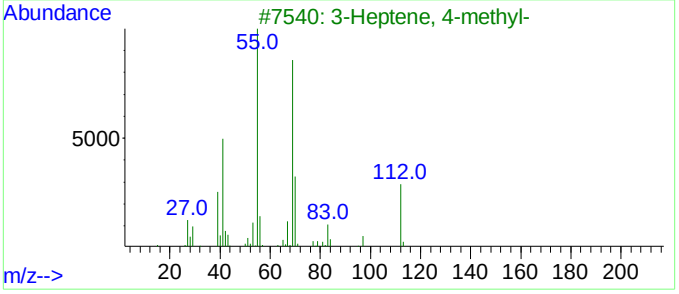


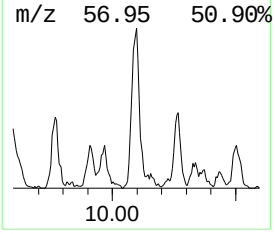












Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072191.D
Acq On : 15 Mar 2022 16:18
Operator : VA/SY
Sample : N1905-03
Misc : 3.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-3-(3.0-3.5)

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

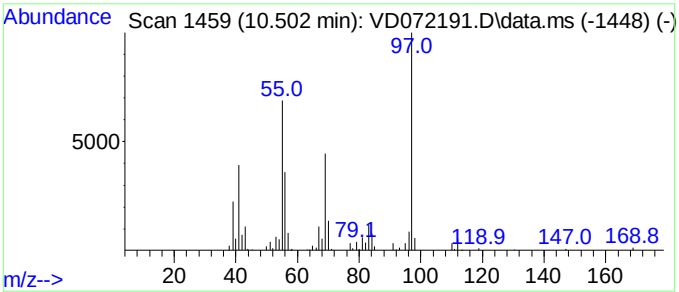
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

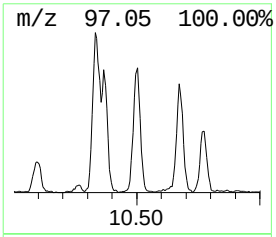
****

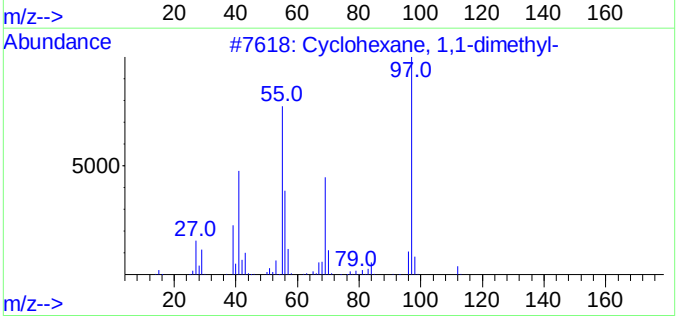
Peak Number 10 Cyclohexane, 1,1-dimethyl- Concentration Rank 10

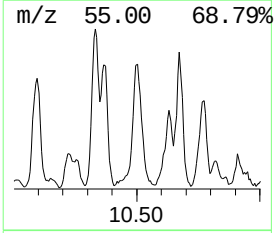
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	9.38 ug/l	507839	Chlorobenzene-d5	11.637

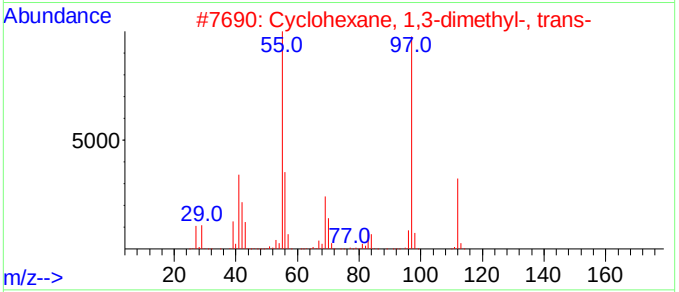
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	94
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	78
3	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	72
4	Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	59
5	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	53

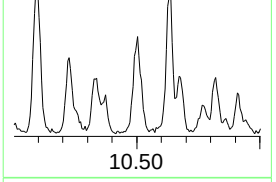


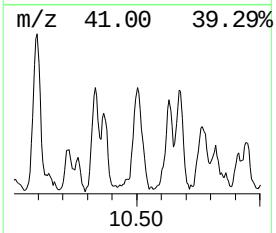


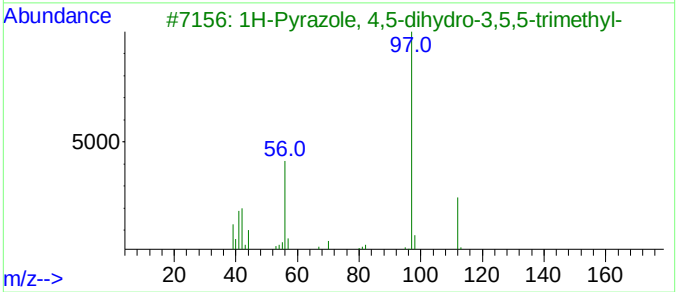


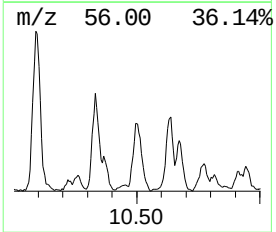












Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
Data File : VD072191.D
Acq On : 15 Mar 2022 16:18
Operator : VA/SY
Sample : N1905-03
Misc : 3.70G/5.00ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-3-(3.0-3.5)

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
Butane, 2-methyl-	3.038	11.5	ug/l	415917	1	7.973	1803980	50.0
Pentane, 3-methyl-	5.485	13.4	ug/l	482677	1	7.973	1803980	50.0
Pentane, 2,3-di...	8.061	13.6	ug/l	490602	1	7.973	1803980	50.0
unknown8.244	8.244	15.1	ug/l	546116	1	7.973	1803980	50.0
Cyclopentane, 1...	8.455	9.7	ug/l	378661	2	8.861	1948140	50.0
Cyclopentane, 1...	8.597	17.1	ug/l	665080	2	8.861	1948140	50.0
Cyclopentane, 1...	9.626	13.0	ug/l	506234	2	8.861	1948140	50.0
Cyclopentane, 1...	9.767	11.9	ug/l	464938	2	8.861	1948140	50.0
Cyclopentane, 1...	10.097	12.6	ug/l	489212	2	8.861	1948140	50.0
Cyclohexane, 1,...	10.502	9.4	ug/l	507839	3	11.637	2707030	50.0