LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068712.D
Acq On : 29 Mar 2021 21:47
Operator : VA/SY
Sample : M1836-02
Misc : 11.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B1-10-12

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\82D031921S.M
Title : SW846 8260

Signal : TIC: VD068712.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	68	72	79	rVB4	8352	15058	1.42%	0.286%
2	3.050	183	192	202	rVB4	18289	45945	4.32%	0.871%
3	3.420	247	255	265	rBV3	11151	27588	2.60%	0.523%
4	3.885	325	334	340	rBV5	8174	23293	2.19%	0.442%
5	5.203	544	558	572	rBV2	200456	724744	68.18%	13.744%
6	5.473	591	604	619	rVB3	78057	284782	26.79%	5.401%
7	6.003	688	694	703	rVB4	6930	18991	1.79%	0.360%
8	6.350	745	753	761	rVB6	3780	12892	1.21%	0.244%
9	6.926	844	851	859	rBV8	5096	18507	1.74%	0.351%
10	7.038	862	870	880	rVB6	10023	29759	2.80%	0.564%
11	7.908	1012	1018	1024	rBV3	14911	38681	3.64%	0.734%
12	7.979	1024	1030	1038	rVV3	34449	91599	8.62%	1.737%
13	8.067	1038	1045	1053	rVB5	10772	27135	2.55%	0.515%
14	8.185	1059	1065	1073	rBV4	10398	25677	2.42%	0.487%
15	8.355	1083	1094	1102	rBV	447669	1063027	100.00%	20.160%
16	8.414	1102	1104	1110	rVV4	16273	27522	2.59%	0.522%
17	8.508	1112	1120	1129	rVB	56385	145345	13.67%	2.756%
18	8.720	1150	1156	1164	rVB5	7939	16194	1.52%	0.307%
19	8.867	1172	1181	1189	rBV2	54191	112691	10.60%	2.137%
20	9.355	1253	1264	1269	rBV5	19223	45716	4.30%	0.867%
21	9.408	1269	1273	1279	rVB4	8929	18227	1.71%	0.346%
22	9.785	1330	1337	1344	rBV3	33373	70127	6.60%	1.330%
23	9.914	1347	1359	1365	rBV3	45703	104992	9.88%	1.991%
24	9.979	1366	1370	1379	rVB8	6385	15835	1.49%	0.300%
25	10.120	1385	1394	1400	rBV5	8094	22143	2.08%	0.420%
26	10.267	1415	1419	1425	rVB4	7713	13118	1.23%	0.249%
27	10.338	1425	1431	1438	rBV	75076	139420	13.12%	2.644%
28	10.402	1438	1442	1448	rVB2	14145	21843	2.05%	0.414%
29	10.526	1456	1463	1468	rVB6	6421	11061	1.04%	0.210%
30	11.026	1542	1548	1553	rBV2	11797	21988	2.07%	0.417%
31	11.643	1646	1653	1661	rBV	77802	132208	12.44%	2.507%
32	11.743	1663	1670	1677	rVV	183974	310769	29.23%	5.894%
33	11.849	1681	1688	1698	rVB2	74101	147070	13.84%	2.789%
34	12.179	1735	1744	1750	rBV2	26130	48617	4.57%	0.922%
35	12.473	1789	1794	1799	rBV3	13093	22732	2.14%	0.431%
36	12.632	1815	1821	1829	rVB2	60232	102997	9.69%	1.953%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068712.D
Acq On : 29 Mar 2021 21:47
Operator : VA/SY
Sample : M1836-02
Misc : 11.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B1-10-12

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\82D031921S.M
Title : SW846 8260

37	12.814	1846	1852	1858	rBV	34844	55806	5.25%	1.058%
38	12.879	1858	1863	1866	rVV2	22831	36356	3.42%	0.689%
39	12.908	1866	1868	1873	rVV4	13610	22136	2.08%	0.420%
40	12.955	1873	1876	1883	rVB2	20510	30125	2.83%	0.571%
41	13.120	1898	1904	1911	rBV2	25465	41573	3.91%	0.788%
42	13.267	1923	1929	1935	rBV	76556	119773	11.27%	2.271%
43	13.573	1975	1981	1993	rBV2	81413	173736	16.34%	3.295%
44	13.732	2004	2008	2010	rBV4	10383	16128	1.52%	0.306%
45	13.773	2010	2015	2033	rVB	107348	223948	21.07%	4.247%
46	13.961	2040	2047	2054	rBV4	11838	23694	2.23%	0.449%
47	14.026	2054	2058	2062	rBV4	8980	14647	1.38%	0.278%
48	14.114	2067	2073	2078	rBV2	32336	48874	4.60%	0.927%
49	14.220	2087	2091	2096	rVB3	21699	35655	3.35%	0.676%
50	14.432	2123	2127	2131	rBV2	19152	29821	2.81%	0.566%
51	14.473	2131	2134	2140	rVB3	8715	14075	1.32%	0.267%
52	14.702	2168	2173	2179	rBV3	23770	37125	3.49%	0.704%
53	14.831	2186	2195	2199	rBV3	42724	89026	8.37%	1.688%
54	15.090	2230	2239	2242	rBV9	9238	16181	1.52%	0.307%
55	15.396	2282	2291	2298	rBV	112647	218698	20.57%	4.147%
56	16.490	2469	2477	2483	rBV2	12805	27346	2.57%	0.519%

Sum of corrected areas: 5273016

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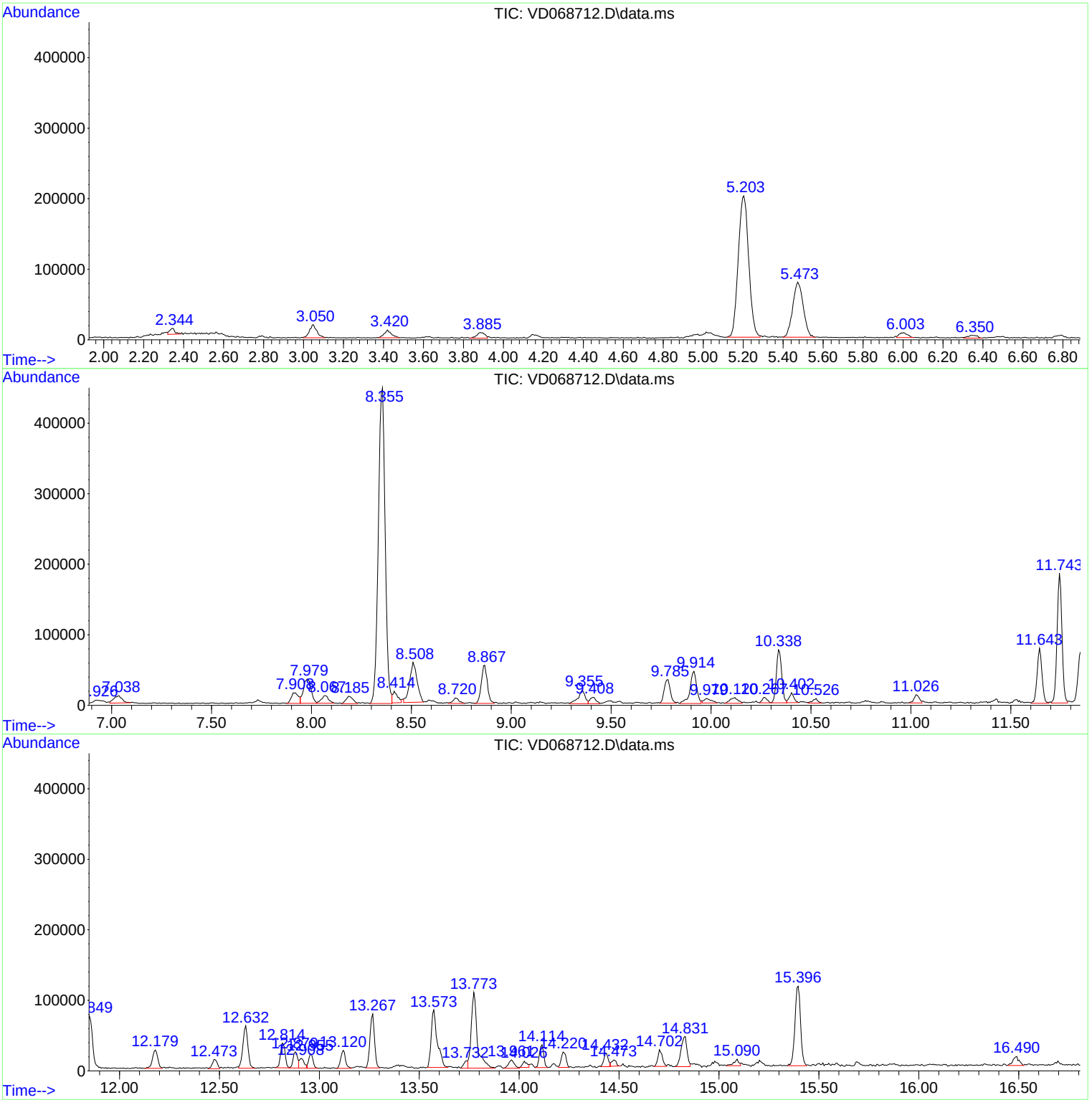
Operator : VA/SY
Sample : M1836-02
Misc : 11.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B1-10-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068712.D
Acq On : 29 Mar 2021 21:47
Operator : VA/SY
Sample : M1836-02
Misc : 11.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B1-10-12

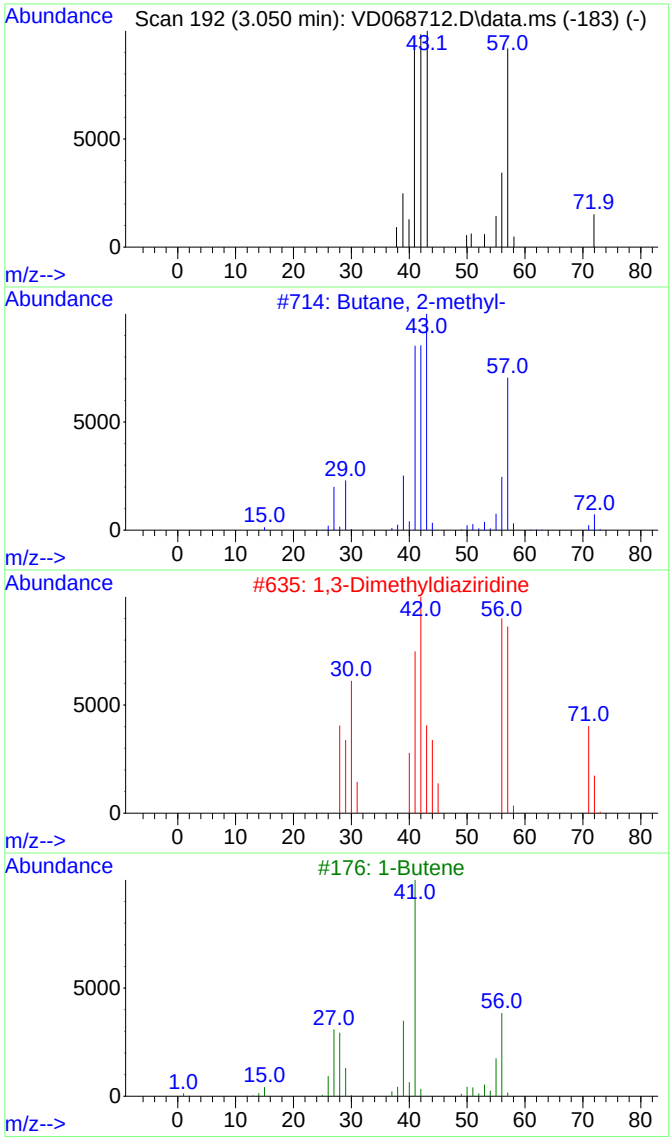
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

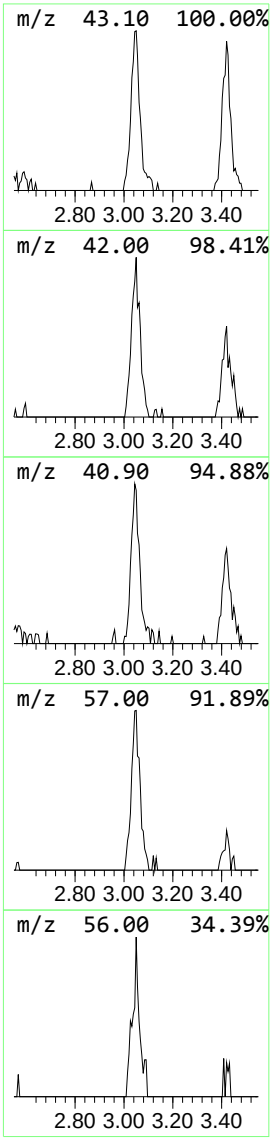
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.050	25.08 ug/l	45945	Pentafluorobenzene	7.991

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	91
2	1,3-Dimethyldiaziridine	72	C3H8N2	026177-36-6	42
3	1-Butene	56	C4H8	000106-98-9	10
4	Methane, isocyanato-	57	C2H3NO	000624-83-9	9
5	2-Butene, (Z)-	56	C4H8	000590-18-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068712.D
Acq On : 29 Mar 2021 21:47
Operator : VA/SY
Sample : M1836-02
Misc : 11.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B1-10-12

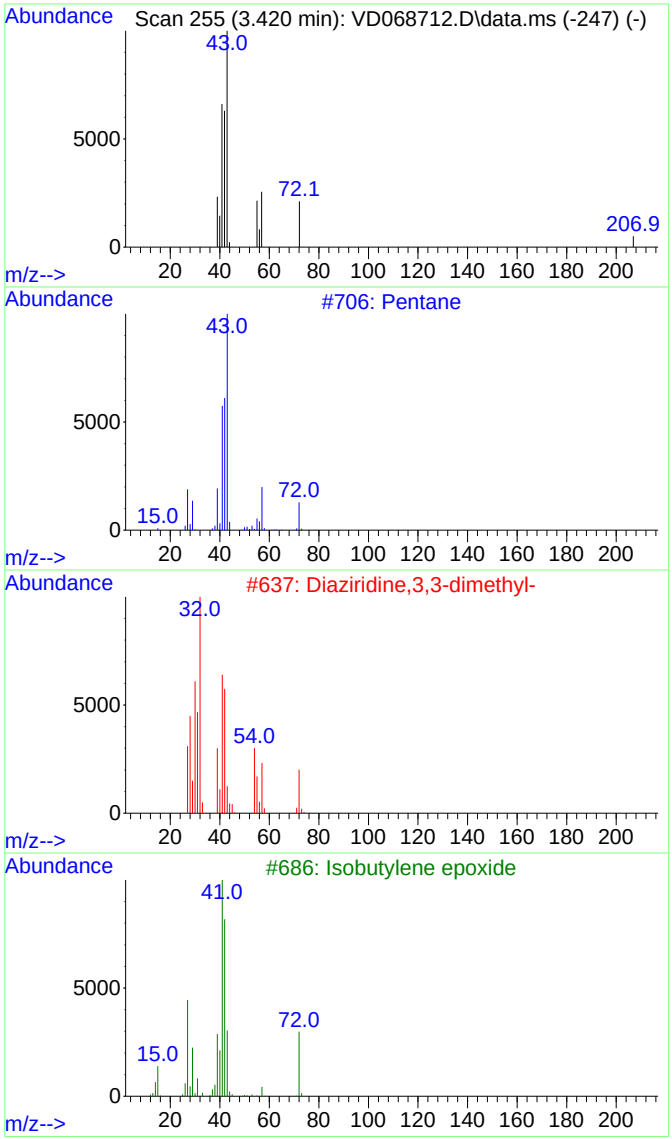
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

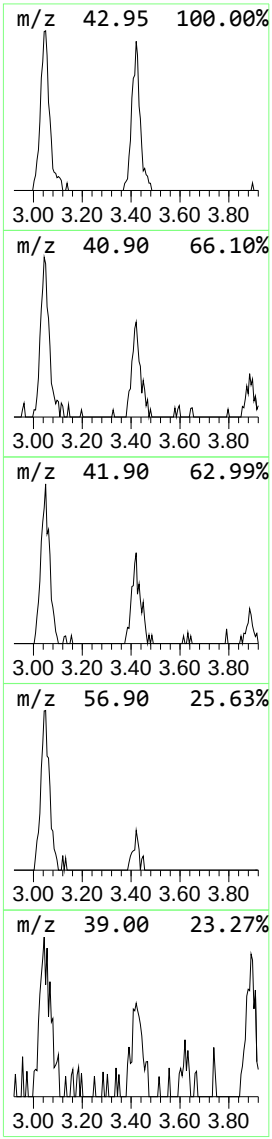
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.420	15.06 ug/l	27588	Pentafluorobenzene	7.991

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	83
2	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	53
3	Isobutylene epoxide	72	C4H8O	000558-30-5	52
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	37
5	Propanal, 2-methyl-	72	C4H8O	000078-84-2	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068712.D
Acq On : 29 Mar 2021 21:47
Operator : VA/SY
Sample : M1836-02
Misc : 11.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B1-10-12

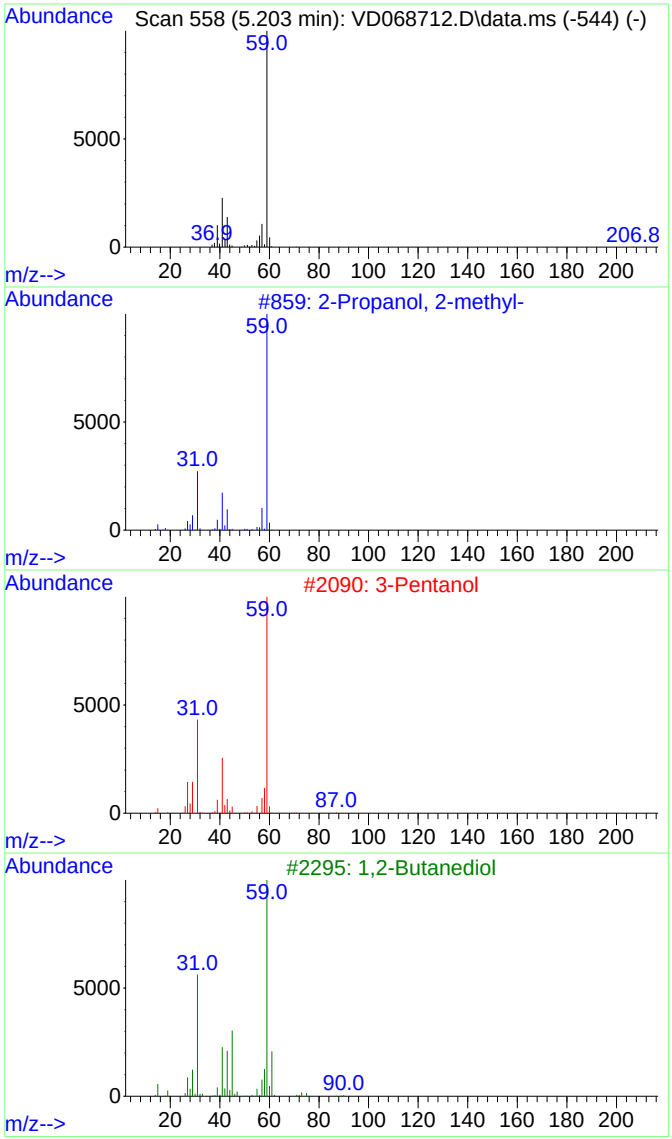
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

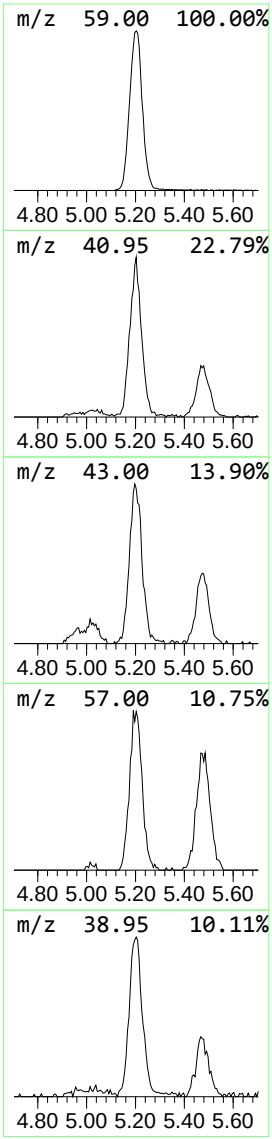
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Propanol, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.203	395.61 ug/l	724744	Pentafluorobenzene	7.991

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	78
2	3-Pentanol	88	C5H12O	000584-02-1	56
3	1,2-Butanediol	90	C4H10O2	000584-03-2	9
4	Propanoic acid, 2-hydroxy-2-methyl-	104	C4H8O3	000594-61-6	9
5	Formamide, N-methyl-	59	C2H5NO	000123-39-7	4





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068712.D
Acq On : 29 Mar 2021 21:47
Operator : VA/SY
Sample : M1836-02
Misc : 11.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B1-10-12

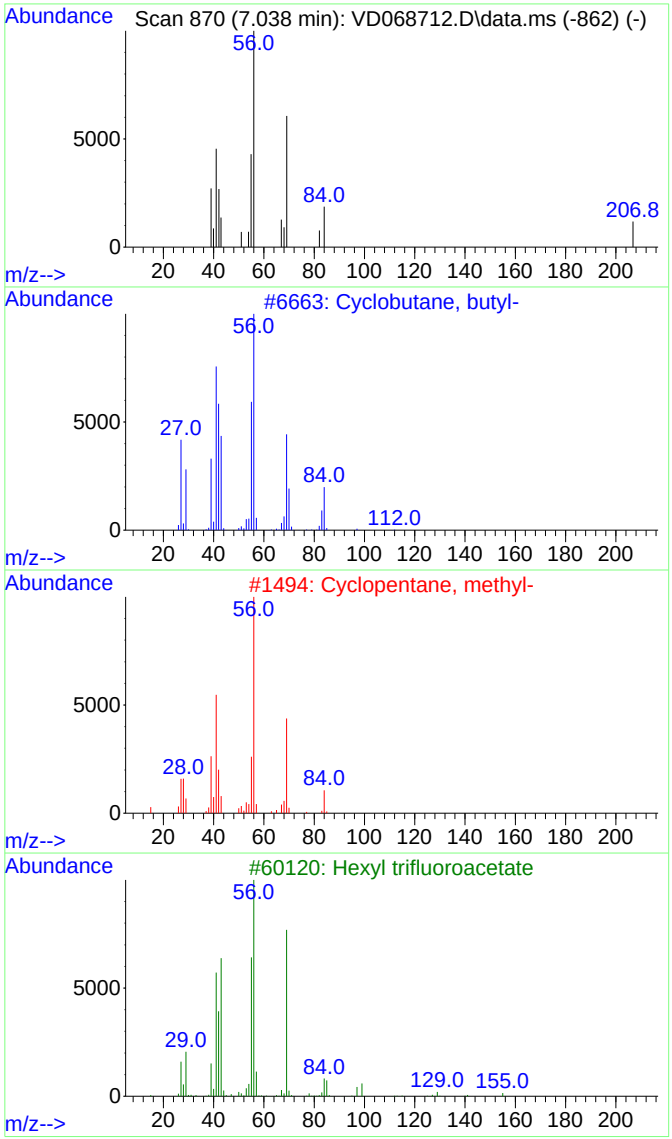
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

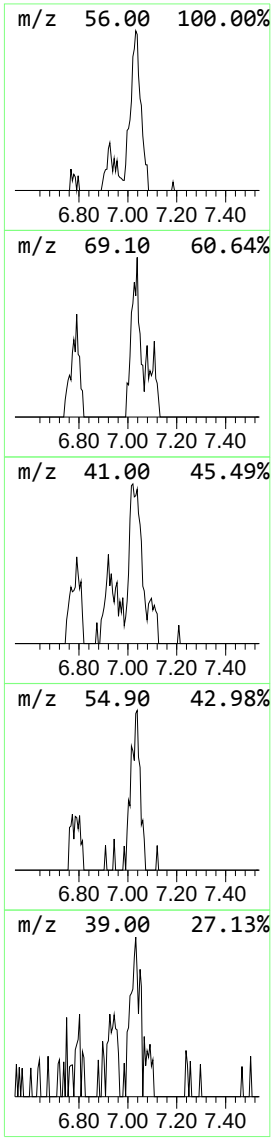
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclobutane, butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.038	16.24 ug/l	29759	Pentafluorobenzene	7.991

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, butyl-	112	C8H16	013152-44-8	72
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
3	Hexyl trifluoroacetate	198	C8H13F3O2	000400-61-3	59
4	Cyclohexane	84	C6H12	000110-82-7	53
5	Pentane, 2-cyclopropyl-	112	C8H16	005458-16-2	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068712.D
Acq On : 29 Mar 2021 21:47
Operator : VA/SY
Sample : M1836-02
Misc : 11.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B1-10-12

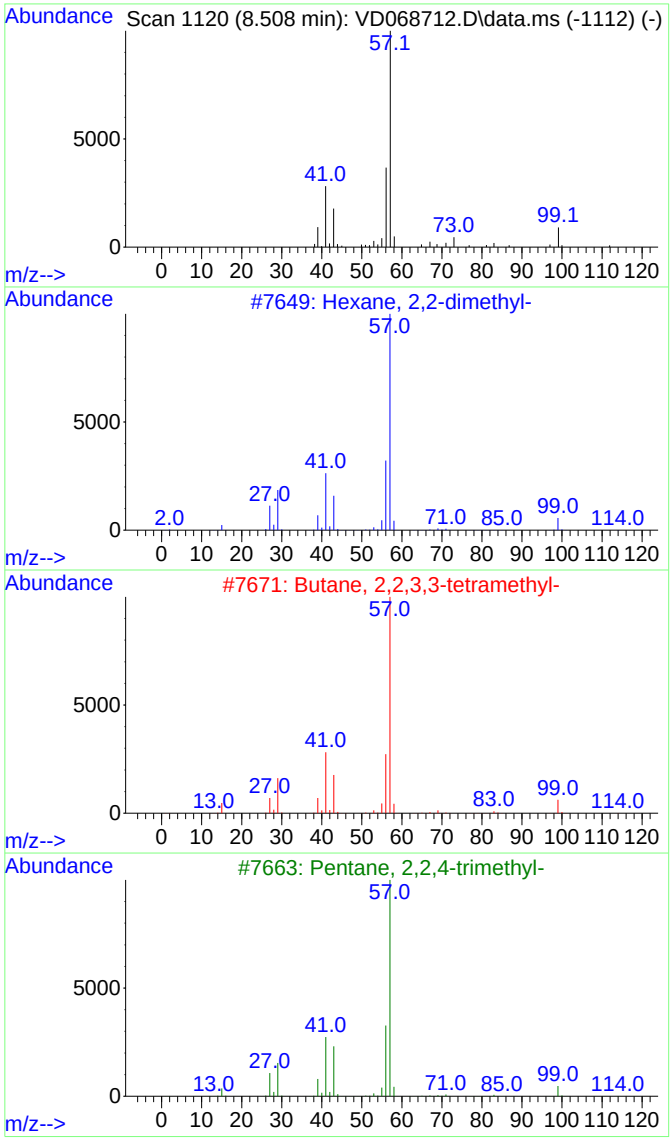
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

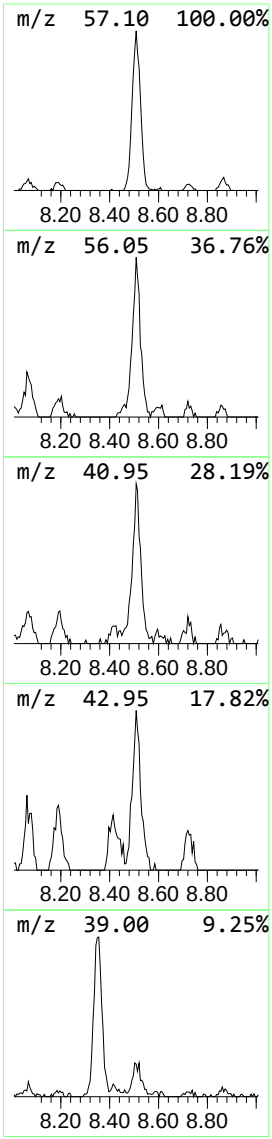
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexane, 2,2-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.508	64.49 ug/l	145345	1,4-Difluorobenzene	8.867

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
2	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	64
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	50
4	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	45
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068712.D
Acq On : 29 Mar 2021 21:47
Operator : VA/SY
Sample : M1836-02
Misc : 11.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B1-10-12

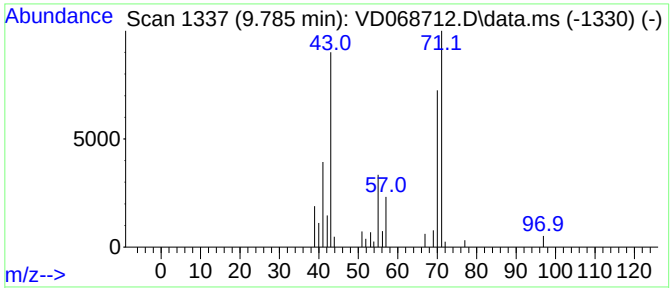
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

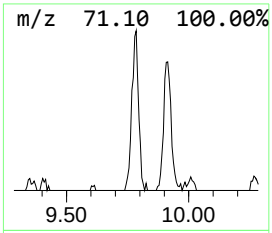
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

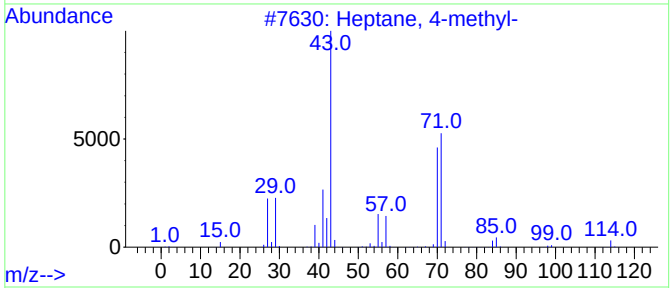
****
Peak Number 7 Heptane, 4-methyl- Concentration Rank 5

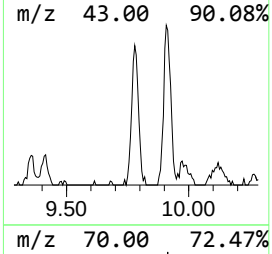
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.785	31.11 ug/l	70127	1,4-Difluorobenzene	8.867

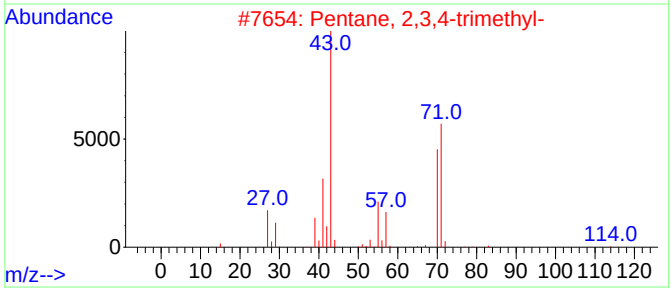
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
3	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	47
4	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	47
5	Heptane, 3-ethyl-5-methylene-	140	C10H20	1000160-41-7	43

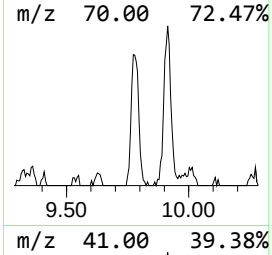


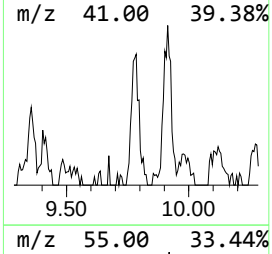


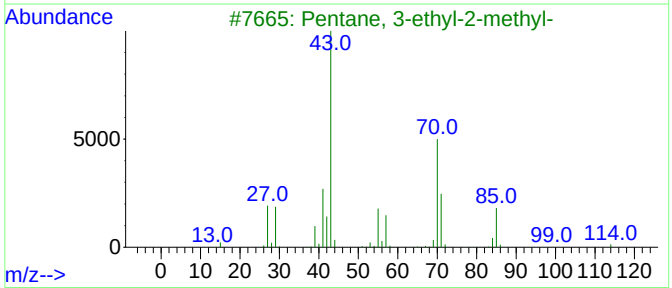


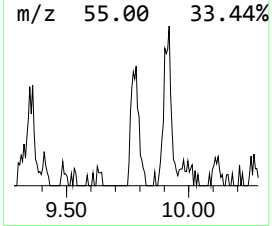












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Data File : VD068712.D
Acq On : 29 Mar 2021 21:47
Operator : VA/SY
Sample : M1836-02
Misc : 11.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B1-10-12

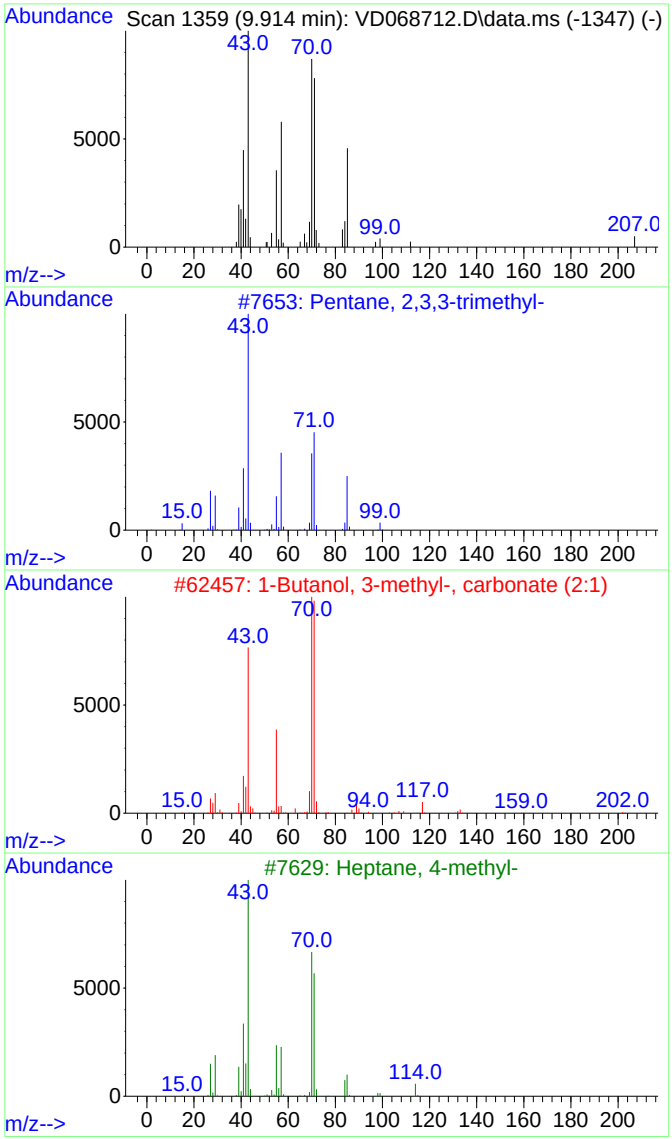
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

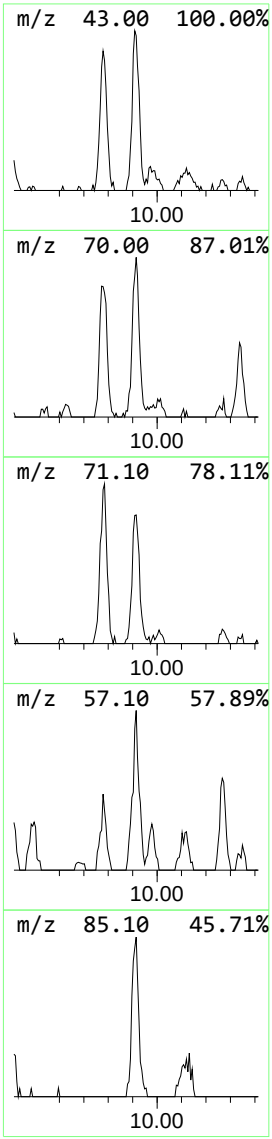
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Pentane, 2,3,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.914	46.58 ug/l	104992	1,4-Difluorobenzene	8.867

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
2	1-Butanol, 3-methyl-, carbonate ...	202	C11H22O3	002050-95-5	59
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
5	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068712.D
Acq On : 29 Mar 2021 21:47
Operator : VA/SY
Sample : M1836-02
Misc : 11.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B1-10-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

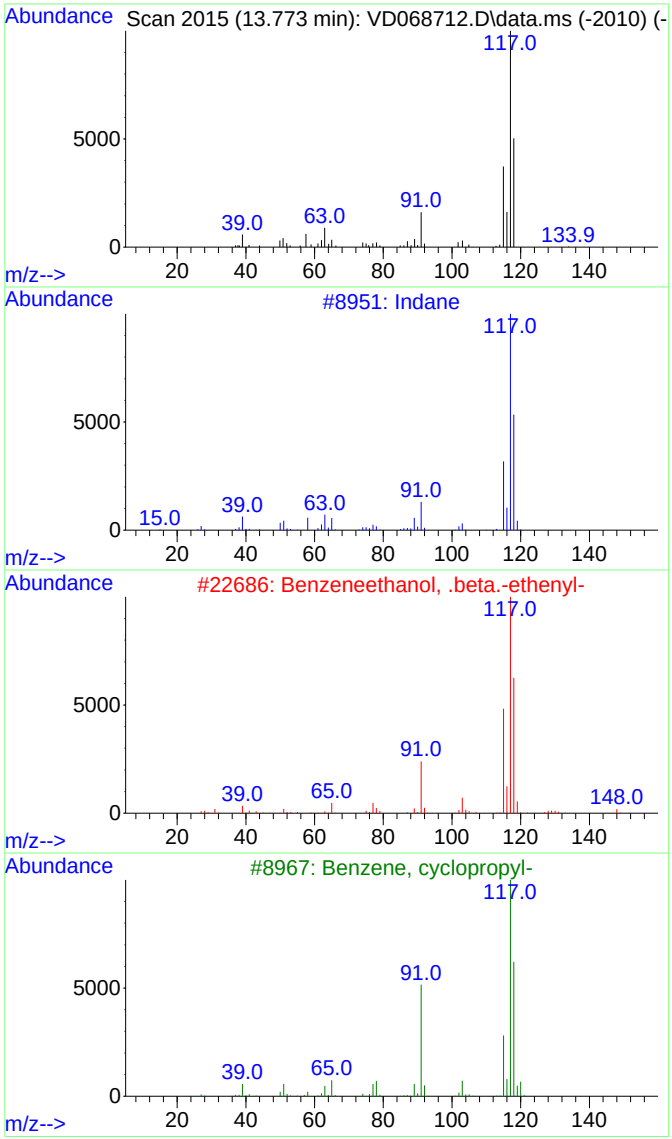
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

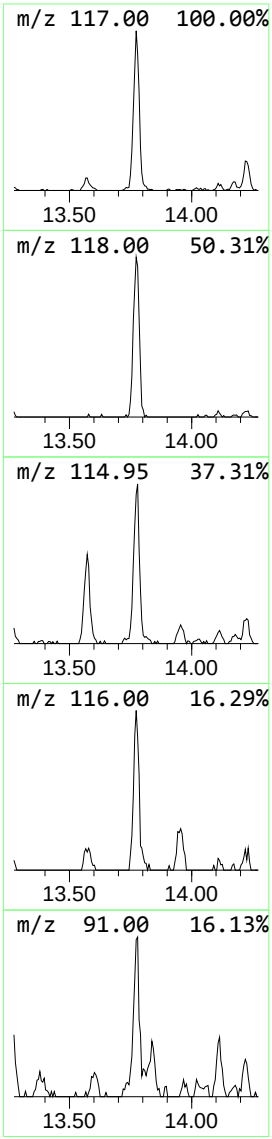
****

Peak Number 9 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.773	64.45 ug/l	223948	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	80
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	74
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	59
5	Indole	117	C8H7N	000120-72-9	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068712.D
Acq On : 29 Mar 2021 21:47
Operator : VA/SY
Sample : M1836-02
Misc : 11.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B1-10-12

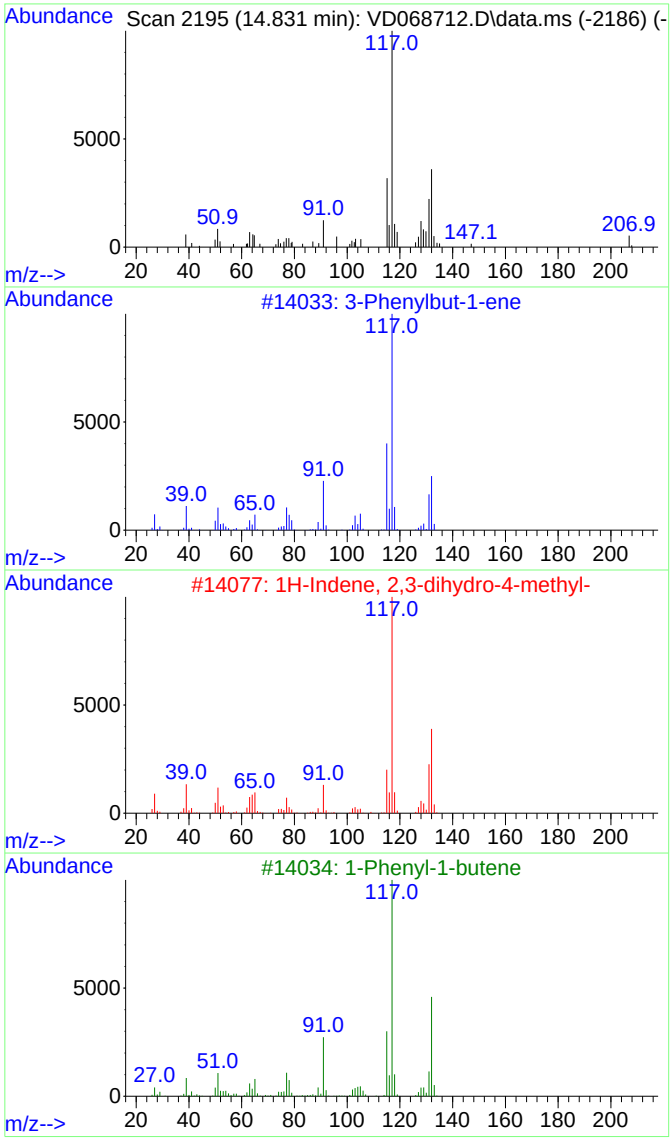
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260

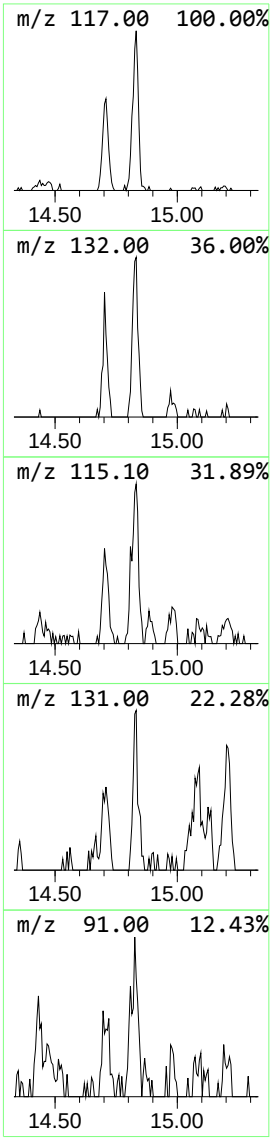
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 3-Phenylbut-1-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.832	25.62 ug/l	89026	1,4-Dichlorobenzene-d4	13.573

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	83
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	83
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	83
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032921\
Data File : VD068712.D
Acq On : 29 Mar 2021 21:47
Operator : VA/SY
Sample : M1836-02
Misc : 11.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B1-10-12

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.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
Butane, 2-methyl-	3.050	25.1	ug/l	45945	1	7.991	91599	50.0
Pentane	3.420	15.1	ug/l	27588	1	7.991	91599	50.0
2-Propanol, 2-m...	5.203	395.6	ug/l	724744	1	7.991	91599	50.0
Cyclobutane, bu...	7.038	16.2	ug/l	29759	1	7.991	91599	50.0
Hexane, 2,2-dim...	8.508	64.5	ug/l	145345	2	8.867	112691	50.0
Heptane, 4-methyl-	9.785	31.1	ug/l	70127	2	8.867	112691	50.0
Pentane, 2,3,3-...	9.914	46.6	ug/l	104992	2	8.867	112691	50.0
Indane	13.773	64.5	ug/l	223948	4	13.573	173736	50.0
3-Phenylbut-1-ene	14.832	25.6	ug/l	89026	4	13.573	173736	50.0