LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
Data File : VD073691.D
Acq On : 24 Jun 2022 16:56
Operator : VA/SY
Sample : N3472-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20071

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\82D062322S.M
Title : SW846 8260

Signal : TIC: VD073691.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.156	370	380	393	rBV2	106422	291975	19.82%	1.986%
2	4.956	505	516	528	rBV4	19785	66882	4.54%	0.455%
3	5.179	541	554	573	rBV2	43270	214067	14.53%	1.456%
4	5.991	681	692	697	rBV5	7206	20651	1.40%	0.140%
5	7.191	885	896	910	rBV2	124858	381037	25.86%	2.592%
6	7.479	934	945	954	rBV3	36437	99434	6.75%	0.676%
7	7.909	1007	1018	1023	rBV	222674	527668	35.81%	3.589%
8	7.973	1023	1029	1039	rVB	323355	730343	49.57%	4.968%
9	8.320	1073	1088	1099	rBV2	191838	505377	34.30%	3.438%
10	8.720	1146	1156	1166	rBV	218713	455599	30.92%	3.099%
11	8.856	1170	1179	1188	rVV	547565	1127248	76.50%	7.668%
12	8.944	1188	1194	1202	rVB2	14909	34277	2.33%	0.233%
13	9.297	1247	1254	1261	rBV	131345	251445	17.06%	1.710%
14	9.679	1311	1319	1328	rVB	58992	119074	8.08%	0.810%
15	10.120	1383	1394	1401	rVB6	8425	21430	1.45%	0.146%
16	10.220	1405	1411	1418	rBV2	45767	89886	6.10%	0.611%
17	10.332	1422	1430	1438	rVV	834574	1473487	100.00%	10.023%
18	10.426	1439	1446	1455	rVB2	57180	118589	8.05%	0.807%
19	10.714	1490	1495	1501	rBV2	24300	41400	2.81%	0.282%
20	10.838	1509	1516	1526	rVB	78271	163792	11.12%	1.114%
21	10.973	1534	1539	1545	rBV	45650	76864	5.22%	0.523%
22	11.073	1551	1556	1561	rBV	51214	84923	5.76%	0.578%
23	11.291	1587	1593	1599	rVB2	42186	74169	5.03%	0.505%
24	11.350	1599	1603	1609	rVB3	19810	35807	2.43%	0.244%
25	11.479	1615	1625	1631	rBV3	25364	67185	4.56%	0.457%
26	11.538	1631	1635	1641	rVB4	9369	21263	1.44%	0.145%
27	11.638	1641	1652	1659	rBV	699012	1235794	83.87%	8.406%
28	11.714	1659	1665	1680	rVV	118591	245872	16.69%	1.672%
29	11.844	1680	1687	1689	rVV3	31416	55433	3.76%	0.377%
30	11.879	1689	1693	1698	rVB3	37918	65935	4.47%	0.448%
31	11.991	1707	1712	1719	rBV3	28113	51355	3.49%	0.349%
32	12.073	1719	1726	1732	rBV	52425	93181	6.32%	0.634%
33	12.167	1732	1742	1750	rVV9	21567	59909	4.07%	0.408%
34	12.244	1750	1755	1762	rVB3	18356	33334	2.26%	0.227%
35	12.373	1769	1777	1786	rBV2	62554	136473	9.26%	0.928%
36	12.479	1787	1795	1802	rVB2	12981	26631	1.81%	0.181%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
Data File : VD073691.D
Acq On : 24 Jun 2022 16:56
Operator : VA/SY
Sample : N3472-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20071

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\82D062322S.M
Title : SW846 8260

37	12.573	1806	1811	1813	rBV	31201	48534	3.29%	0.330%
38	12.620	1813	1819	1827	rVB	626733	1042023	70.72%	7.088%
39	12.814	1847	1852	1857	rVV3	29729	54255	3.68%	0.369%
40	12.873	1857	1862	1864	rVV4	19511	28892	1.96%	0.197%
41	12.938	1864	1873	1880	rVB4	107684	248479	16.86%	1.690%
42	13.073	1894	1896	1904	rVB5	9385	18763	1.27%	0.128%
43	13.173	1904	1913	1917	rBV8	16886	37918	2.57%	0.258%
44	13.232	1917	1923	1930	rBV2	78264	144836	9.83%	0.985%
45	13.302	1933	1935	1941	rVB7	21965	32504	2.21%	0.221%
46	13.367	1941	1946	1950	rBV5	13957	27882	1.89%	0.190%
47	13.449	1953	1960	1966	rBV	332962	607429	41.22%	4.132%
48	13.561	1973	1979	1987	rVB	587458	946327	64.22%	6.437%
49	13.655	1989	1995	2001	rVB	219008	347734	23.60%	2.365%
50	13.761	2009	2013	2014	rBV3	13250	16938	1.15%	0.115%
51	13.802	2017	2020	2021	rVV3	18411	22389	1.52%	0.152%
52	13.838	2021	2026	2029	rVV2	74173	112694	7.65%	0.767%
53	13.879	2029	2033	2037	rVV3	79088	108139	7.34%	0.736%
54	13.985	2048	2051	2054	rBV4	11986	20751	1.41%	0.141%
55	14.208	2084	2089	2094	rBV3	37763	67084	4.55%	0.456%
56	14.267	2094	2099	2103	rBV5	33336	64548	4.38%	0.439%
57	14.391	2114	2120	2124	rBV4	66275	122583	8.32%	0.834%
58	14.432	2124	2127	2131	rVV3	45865	58307	3.96%	0.397%
59	14.496	2131	2138	2143	rVV8	63497	177971	12.08%	1.211%
60	14.549	2144	2147	2151	rVV3	77622	124038	8.42%	0.844%
61	14.591	2151	2154	2162	rVB7	43755	98395	6.68%	0.669%
62	14.732	2174	2178	2183	rVB2	110190	165191	11.21%	1.124%
63	14.808	2187	2191	2195	rVV4	53822	93081	6.32%	0.633%
64	14.861	2195	2200	2205	rVB6	93662	182708	12.40%	1.243%
65	14.908	2205	2208	2214	rVB5	43150	57313	3.89%	0.390%
66	14.979	2215	2220	2224	rBV6	73316	143349	9.73%	0.975%
67	15.073	2231	2236	2240	rBV7	92112	150696	10.23%	1.025%
68	15.343	2279	2282	2289	rVB5	97164	159082	10.80%	1.082%
69	15.402	2289	2292	2294	rBV3	54881	72624	4.93%	0.494%

Sum of corrected areas: 14701246

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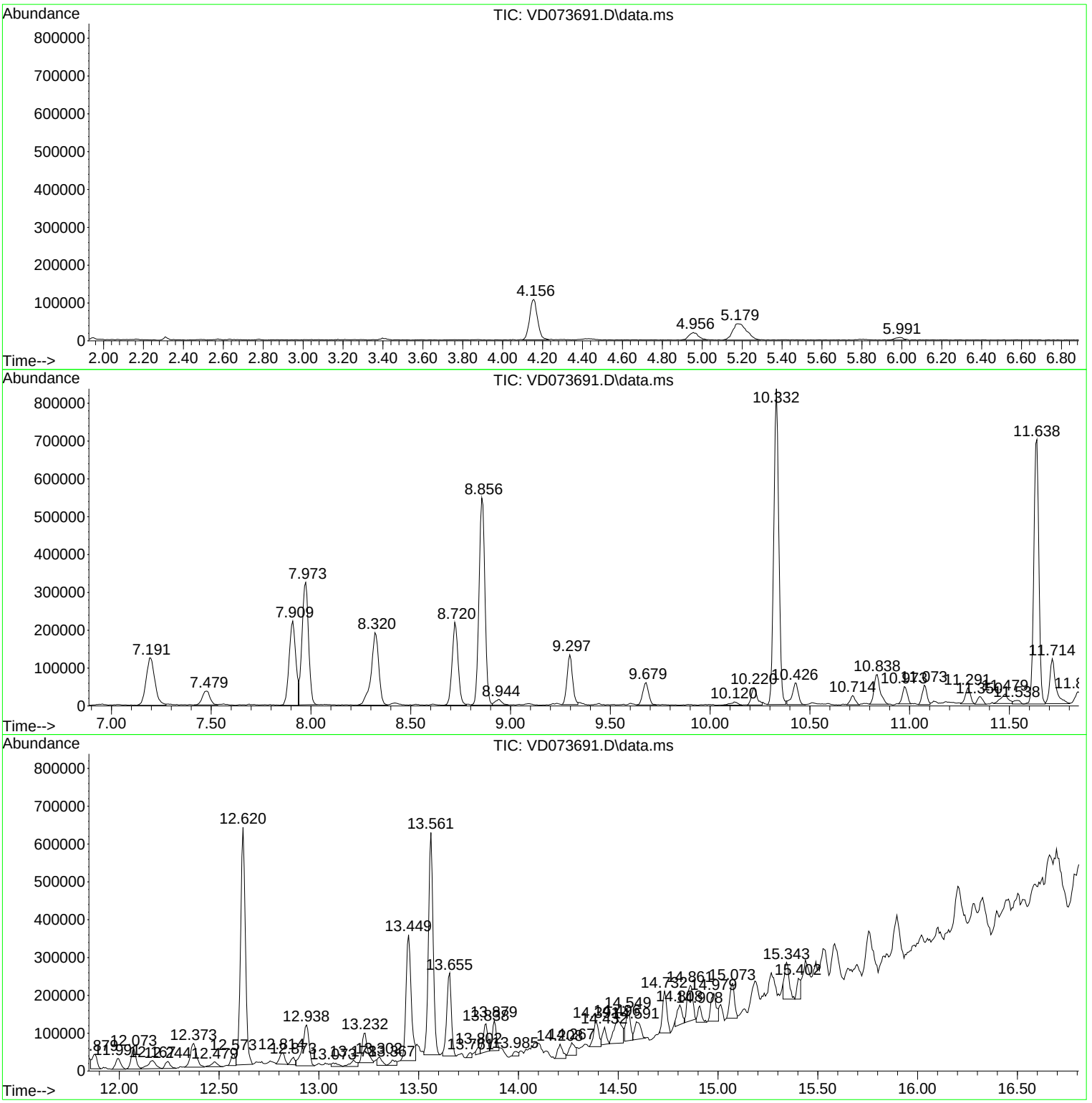
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
Data File : VD073691.D
Acq On : 24 Jun 2022 16:56
Operator : VA/SY
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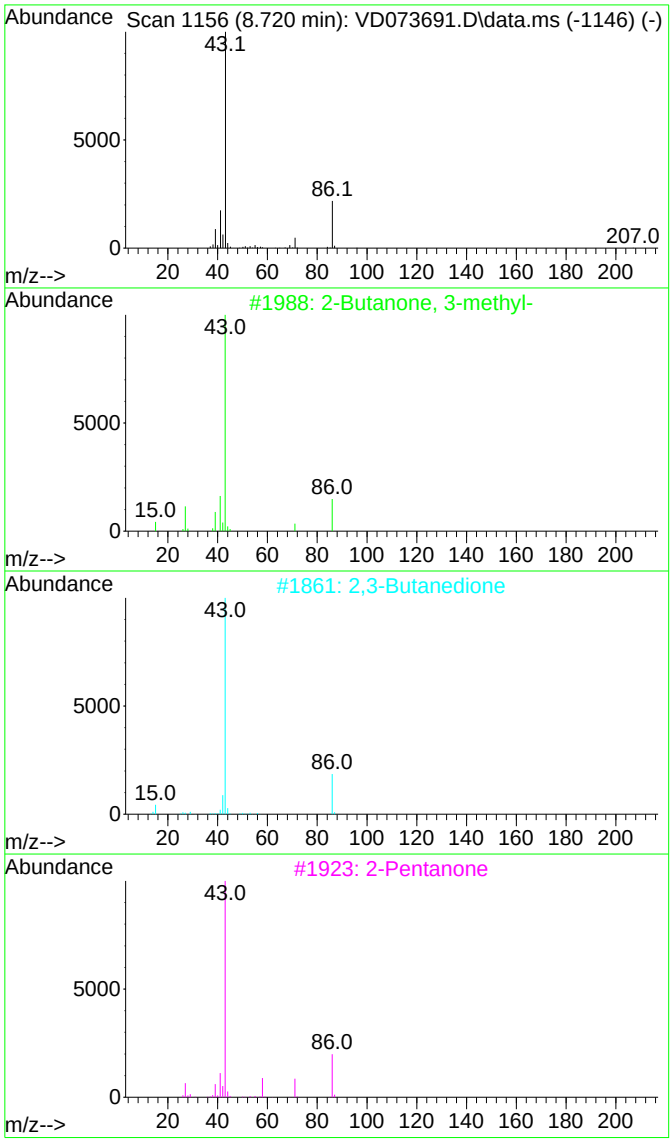
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260

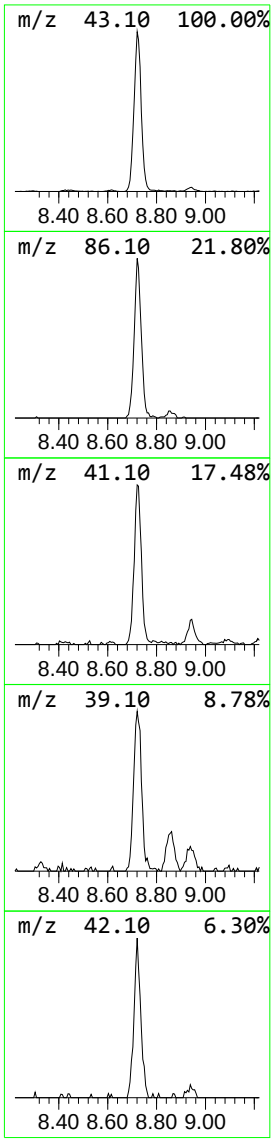
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.720	20.21 ug/l	455599	1,4-Difluorobenzene	8.856

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	59
2	2,3-Butanedione	86	C4H6O2	000431-03-8	58
3	2-Pentanone	86	C5H10O	000107-87-9	53
4	3,3-Dimethyl-2,4-pentane dione	128	C7H12O2	003142-58-3	36
5	2,3-Hexanedione	114	C6H10O2	003848-24-6	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
Data File : VD073691.D
Acq On : 24 Jun 2022 16:56
Operator : VA/SY
Sample : N3472-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260

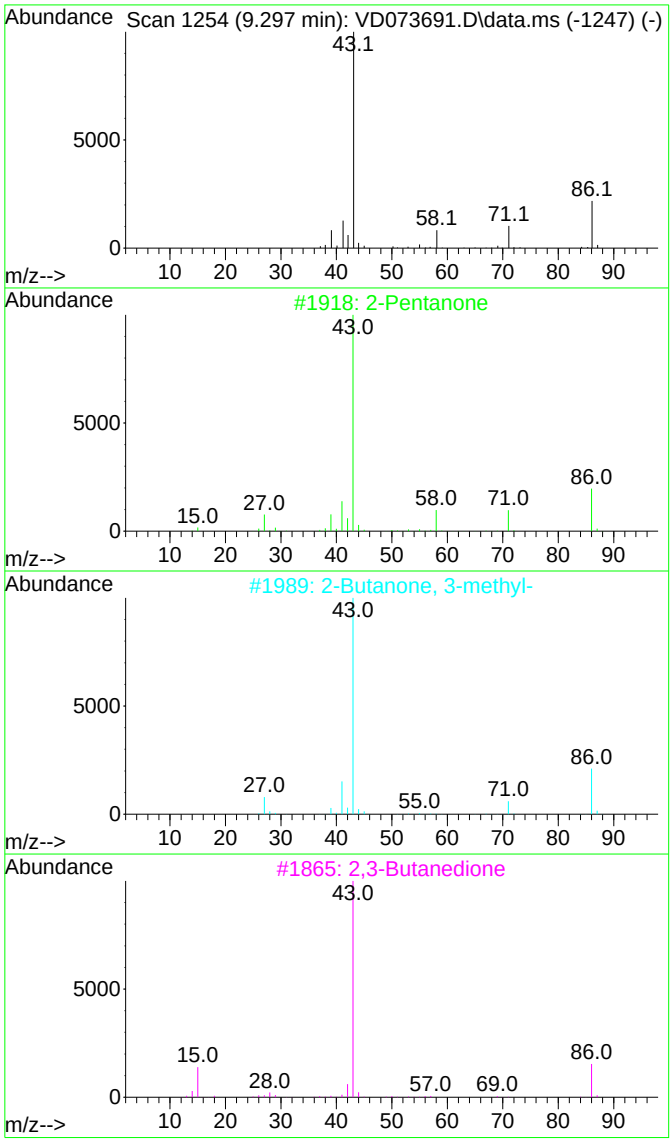
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

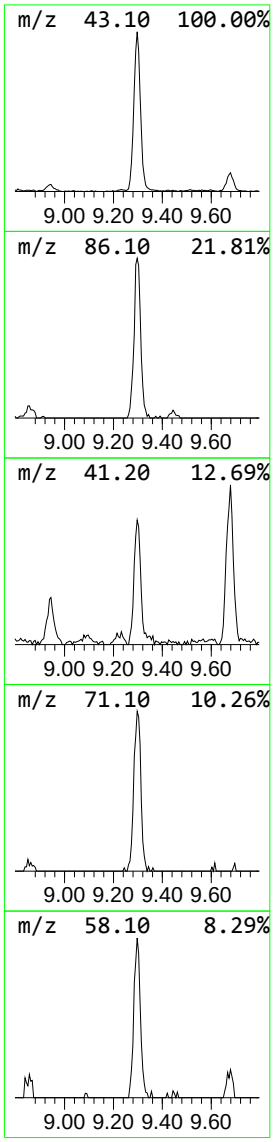
****

Peak Number 2 2-Pentanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.297	11.15 ug/l	251445	1,4-Difluorobenzene	8.856

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone	86	C5H10O	000107-87-9	87
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	59
3	2,3-Butanedione	86	C4H6O2	000431-03-8	52
4	3,3-Dimethyl-2,4-pentane dione	128	C7H12O2	003142-58-3	33
5	2-Propanone, methylhydrazone	86	C4H10N2	005771-02-8	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
Data File : VD073691.D
Acq On : 24 Jun 2022 16:56
Operator : VA/SY
Sample : N3472-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20071

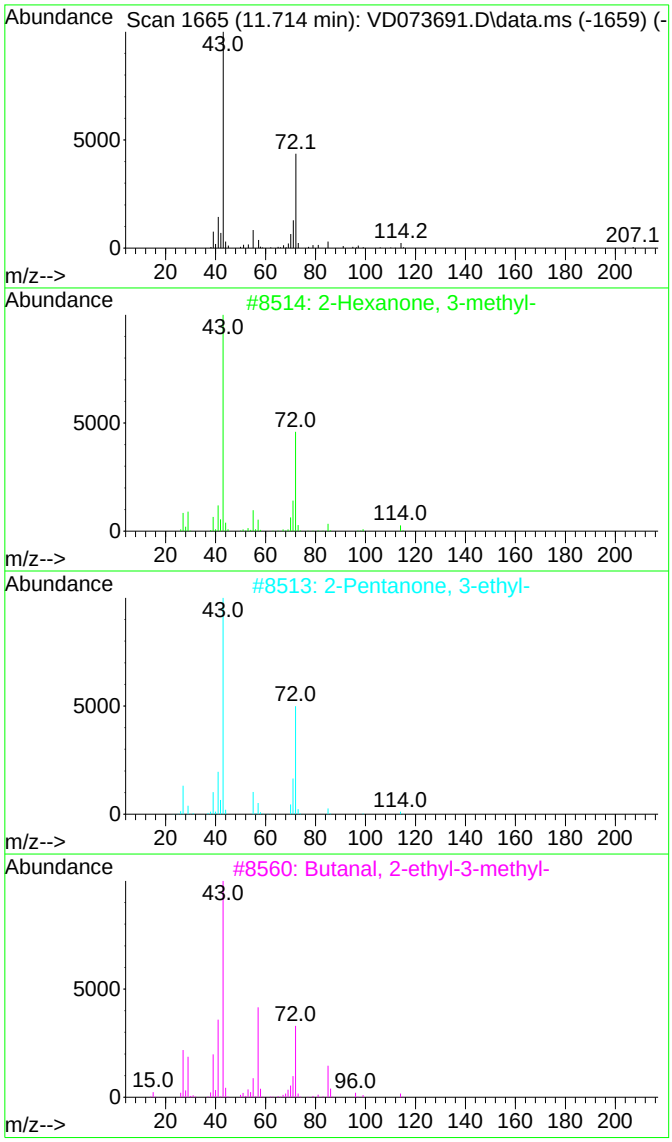
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260

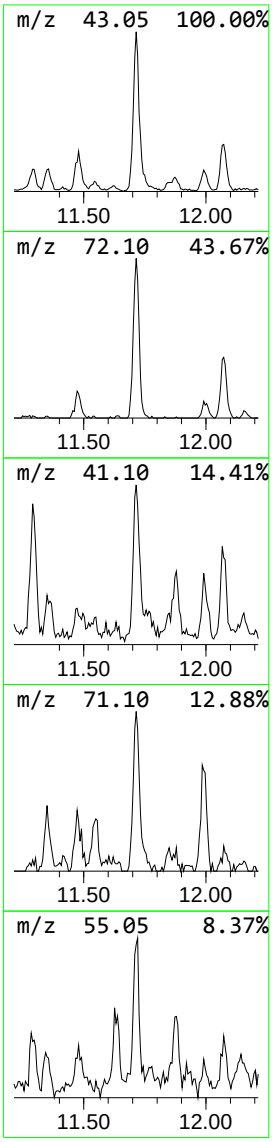
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Hexanone, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.714	9.95 ug/l	245872	Chlorobenzene-d5	11.638

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 3-methyl-	114	C7H14O	002550-21-2	91
2	2-Pentanone, 3-ethyl-	114	C7H14O	006137-03-7	83
3	Butanal, 2-ethyl-3-methyl-	114	C7H14O	026254-92-2	64
4	Propanal, 2-methyl-	72	C4H8O	000078-84-2	53
5	6,8-Dioxabicyclo[3.2.1]octane, 1...	142	C8H14O2	028401-39-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
Data File : VD073691.D
Acq On : 24 Jun 2022 16:56
Operator : VA/SY
Sample : N3472-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260

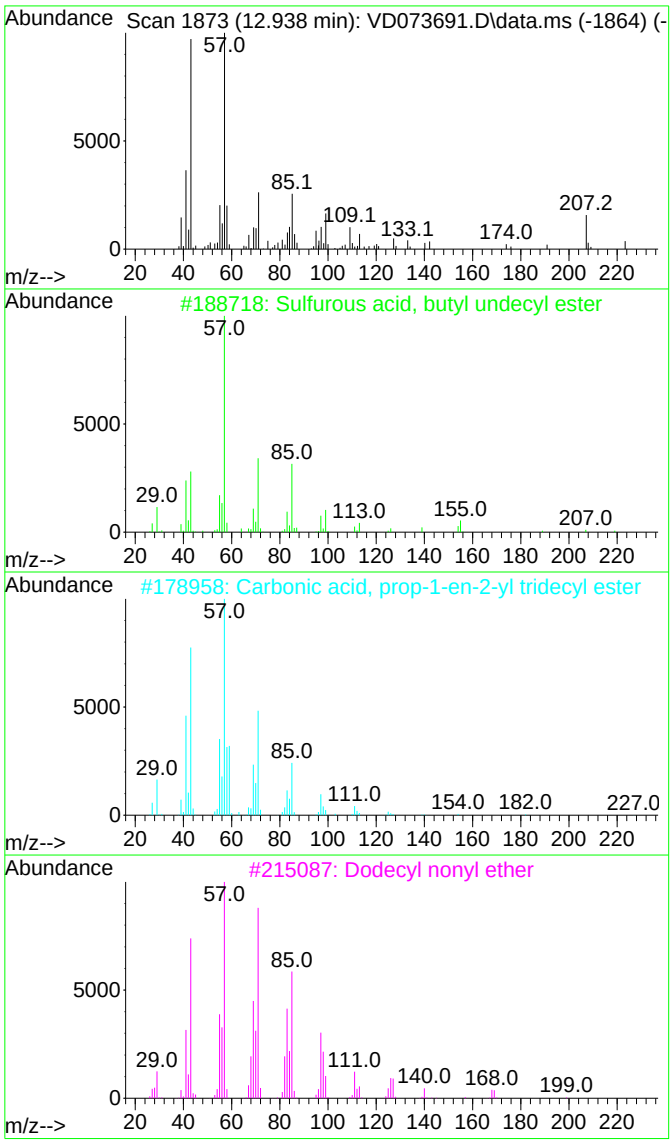
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

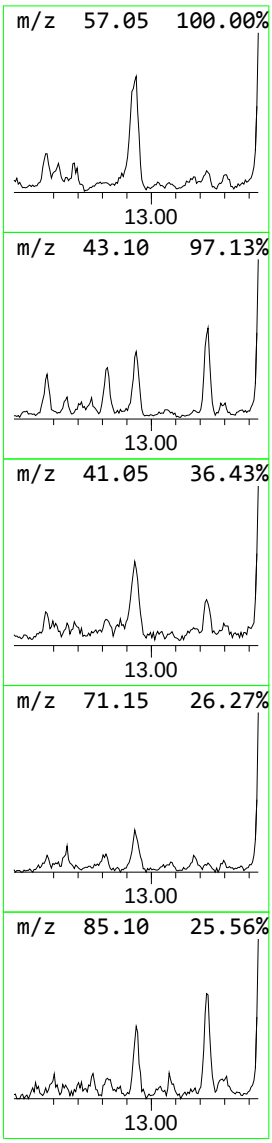
****

Peak Number 4 unknown12.938 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.938	13.13 ug/l	248479	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	47
2	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	43
3	Dodecyl nonyl ether	312	C21H44O	1000406-37-5	38
4	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	38
5	Carbonic acid, nonyl prop-1-en-2...	228	C13H24O3	1000382-53-9	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
Data File : VD073691.D
Acq On : 24 Jun 2022 16:56
Operator : VA/SY
Sample : N3472-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260

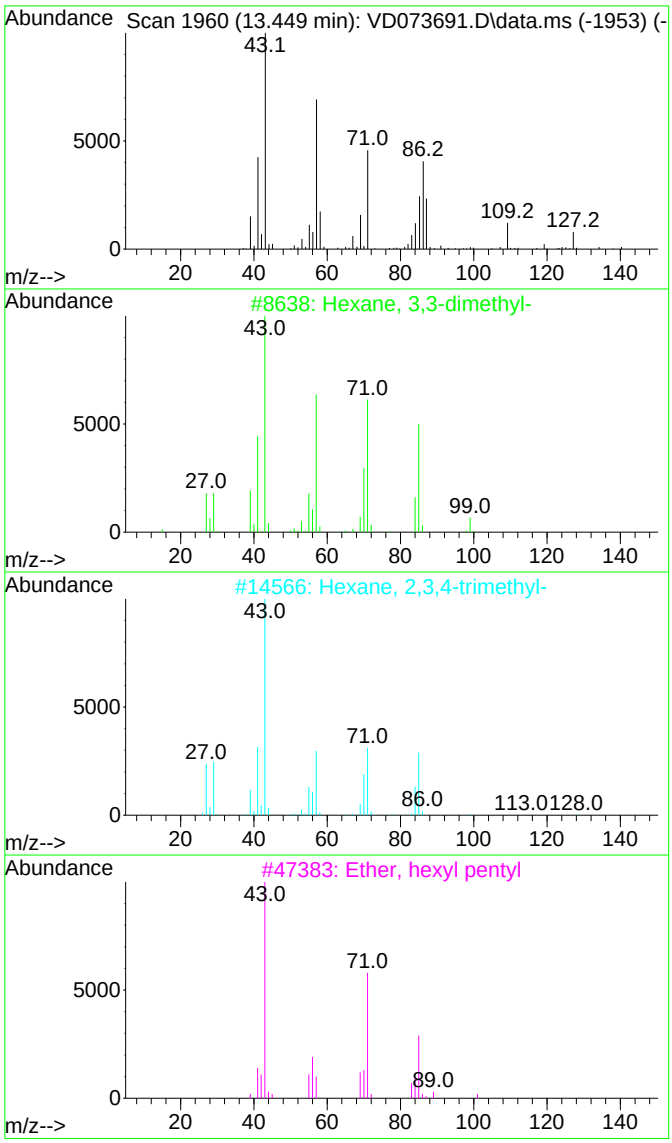
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

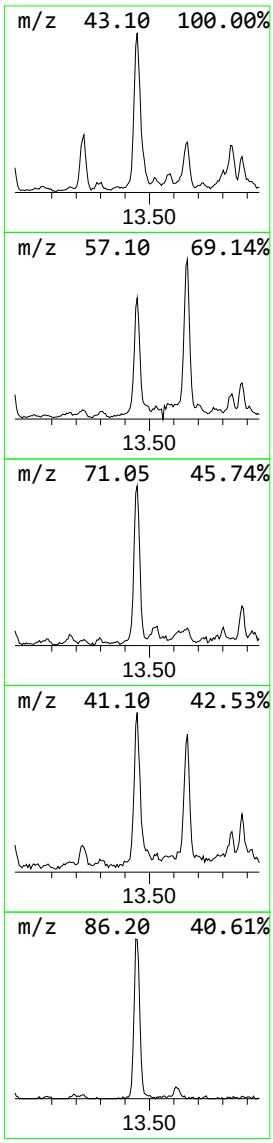
****

Peak Number 5 unknown13.449 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.449	32.09 ug/l	607429	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	38
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	32
3	Ether, hexyl pentyl	172	C11H24O	032357-83-8	32
4	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	32
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	27





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
Data File : VD073691.D
Acq On : 24 Jun 2022 16:56
Operator : VA/SY
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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20071

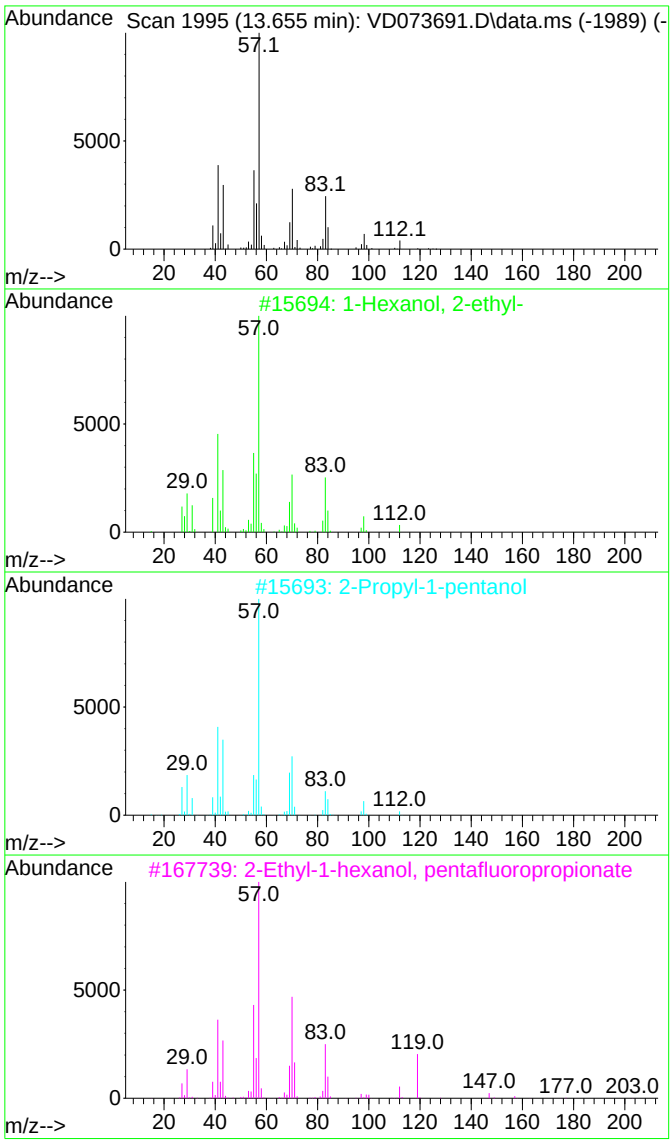
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260

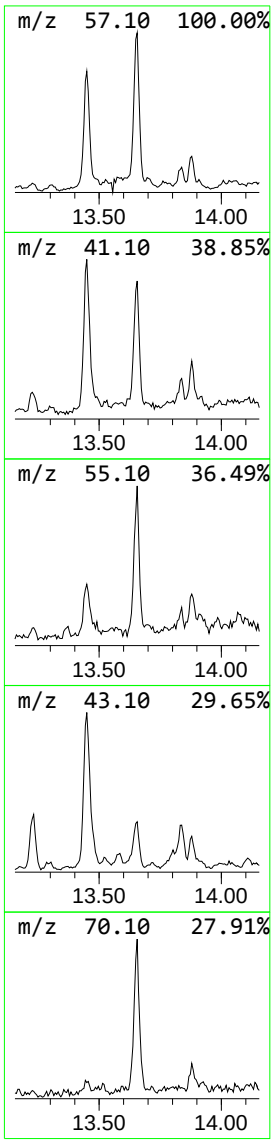
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.655	18.37 ug/l	347734	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
3	2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	50
4	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	50
5	Pentadecafluorooctanoic acid, 2-...	526	C16H17F15O2	1000406-80-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
Data File : VD073691.D
Acq On : 24 Jun 2022 16:56
Operator : VA/SY
Sample : N3472-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260

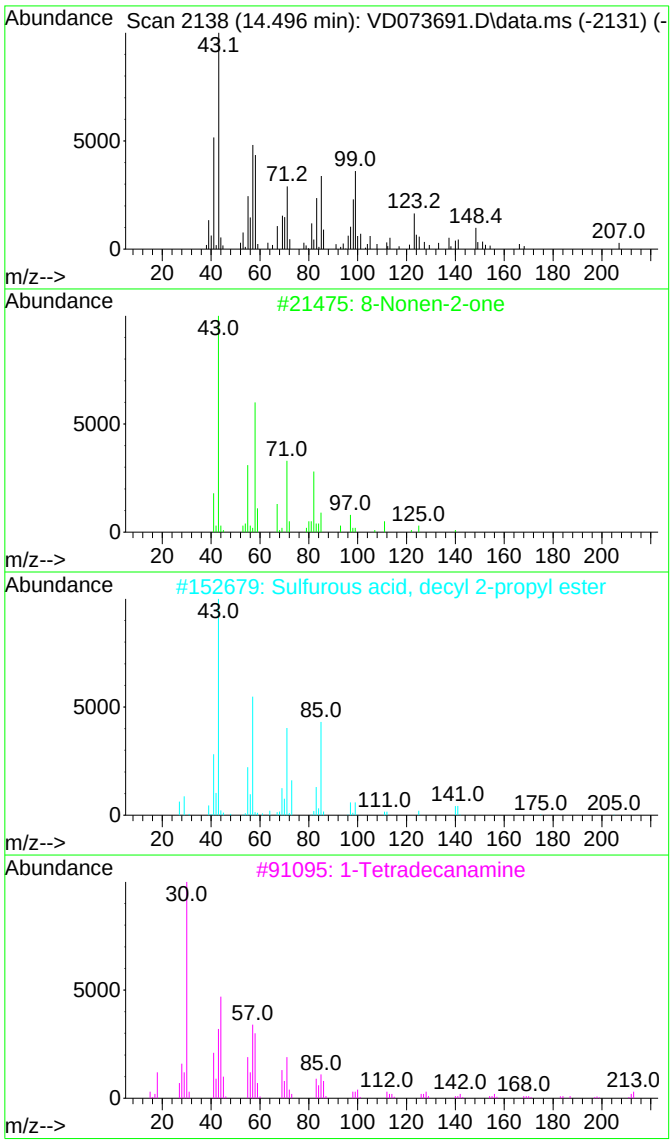
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

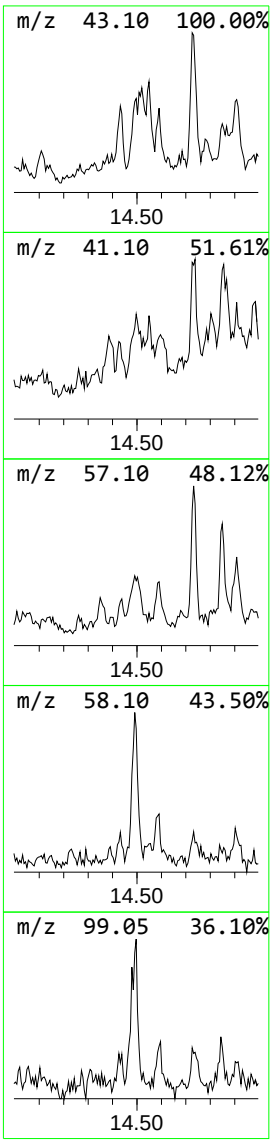
****

Peak Number 7 unknown14.496 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.496	9.40 ug/l	177971	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Nonen-2-one	140	C9H16O	005009-32-5	38
2	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	22
3	1-Tetradecanamine	213	C14H31N	002016-42-4	16
4	Sulfurous acid, 2-propyl undecyl...	278	C14H30O3S	1000309-12-2	12
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
Data File : VD073691.D
Acq On : 24 Jun 2022 16:56
Operator : VA/SY
Sample : N3472-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260

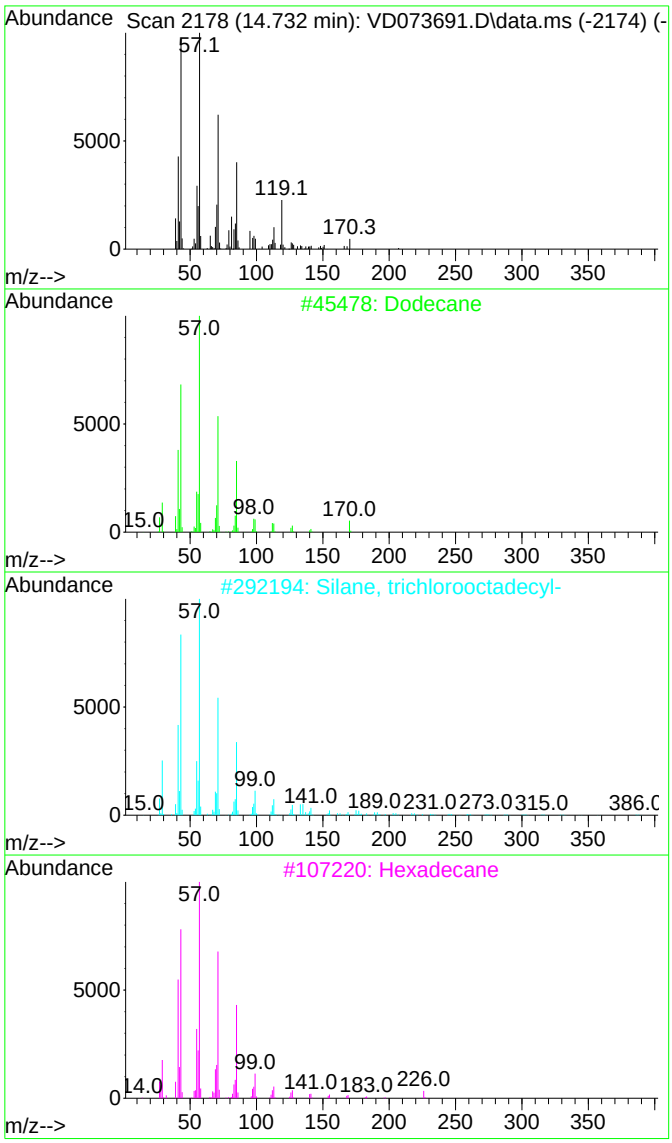
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

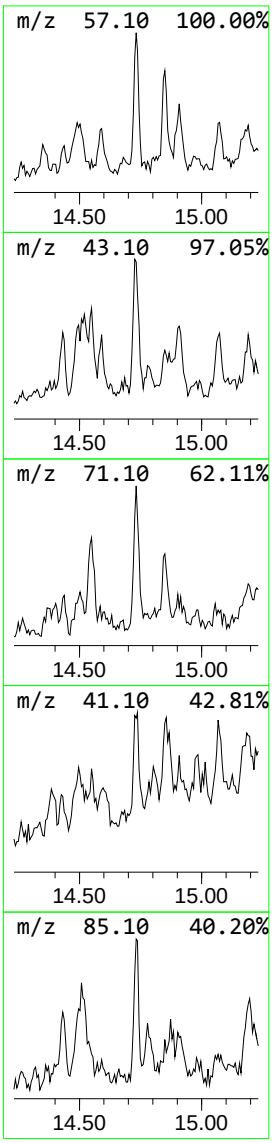
****

Peak Number 8 Dodecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	8.73 ug/l	165191	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	93
2	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
3	Hexadecane	226	C16H34	000544-76-3	64
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	53
5	Octane, 2-methyl-	128	C9H20	003221-61-2	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
Data File : VD073691.D
Acq On : 24 Jun 2022 16:56
Operator : VA/SY
Sample : N3472-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20071

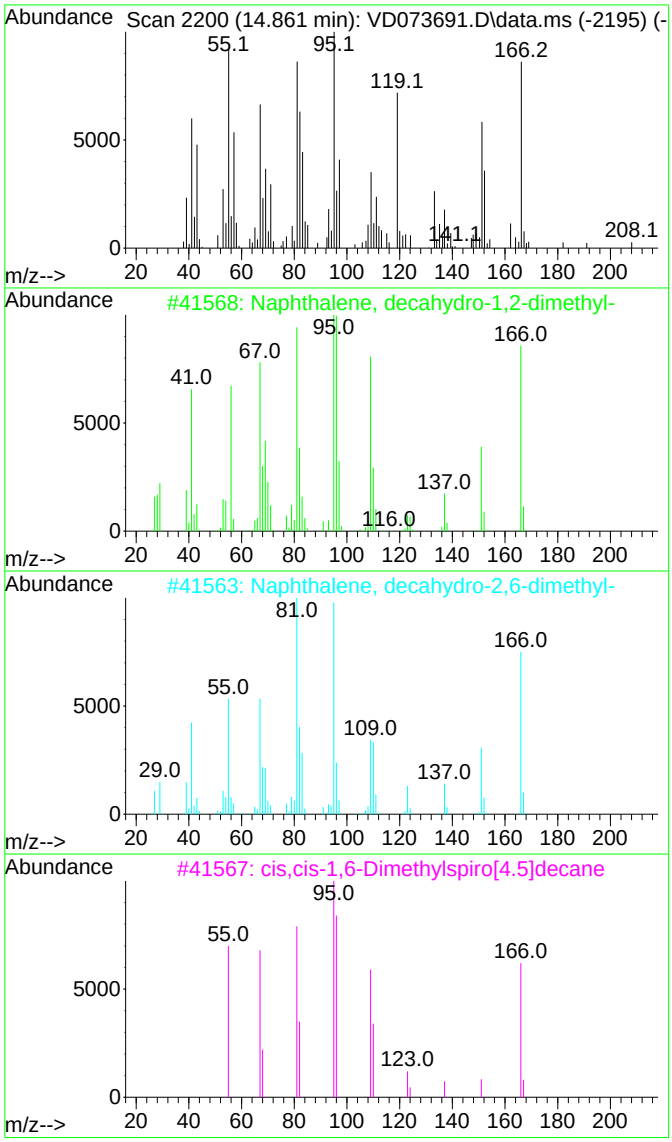
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260

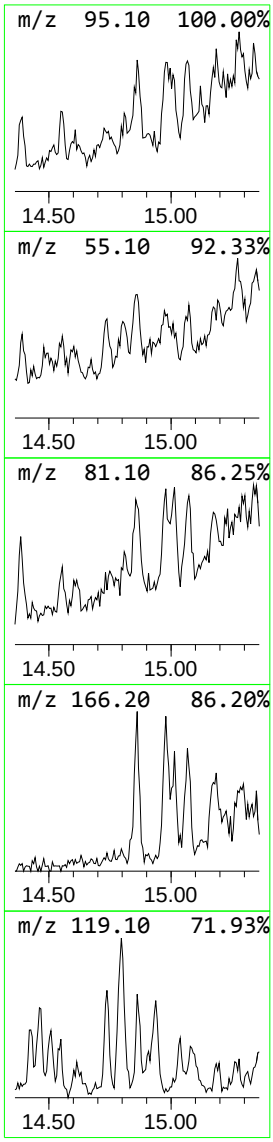
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, decahydro-1,2-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.861	9.65 ug/l	182708	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-1,2-dimet...	166	C12H22	003604-14-6	58
2	Naphthalene, decahydro-2,6-dimet...	166	C12H22	001618-22-0	58
3	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	49
4	trans,trans-1,6-Dimethylspiro[4....	166	C12H22	1000111-72-1	46
5	Camphor	152	C10H16O	000076-22-2	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
Data File : VD073691.D
Acq On : 24 Jun 2022 16:56
Operator : VA/SY
Sample : N3472-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20071

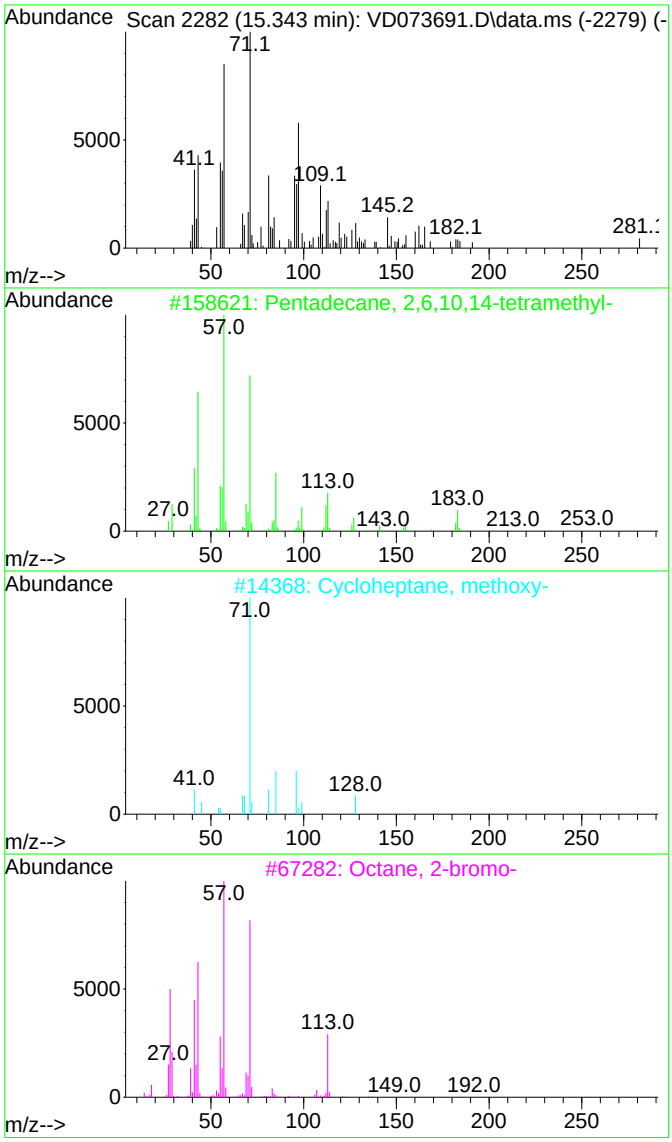
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.M
Quant Title : SW846 8260

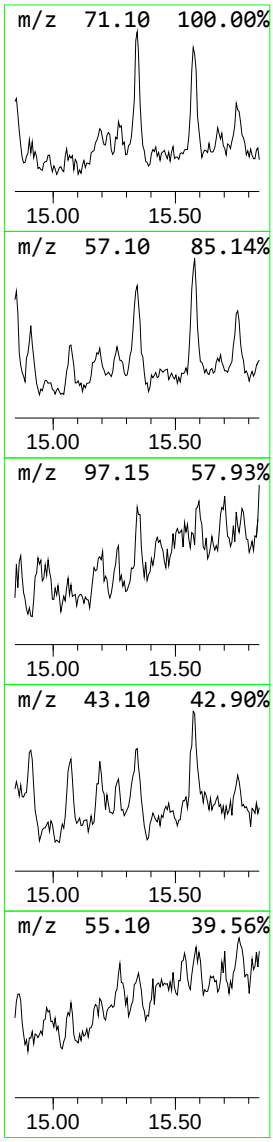
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 unknown15.343 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.343	8.41 ug/l	159082	1,4-Dichlorobenzene-d4	13.561

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	35
2	Cycloheptane, methoxy-	128	C8H16O	042604-04-6	30
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	27
4	3-Bromooctane	192	C8H17Br	000999-64-4	27
5	Cycloundecanol, 1-methyl-	184	C12H24O	076154-15-9	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062422\
Data File : VD073691.D
Acq On : 24 Jun 2022 16:56
Operator : VA/SY
Sample : N3472-04
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20071

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062322S.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
2-Butanone, 3-m...	8.720	20.2	ug/l	455599	2	8.856	1127250	50.0
2-Pentanone	9.297	11.2	ug/l	251445	2	8.856	1127250	50.0
2-Hexanone, 3-m...	11.714	9.9	ug/l	245872	3	11.638	1235790	50.0
unknown12.938	12.938	13.1	ug/l	248479	4	13.561	946327	50.0
unknown13.449	13.449	32.1	ug/l	607429	4	13.561	946327	50.0
1-Hexanol, 2-et...	13.655	18.4	ug/l	347734	4	13.561	946327	50.0
unknown14.496	14.496	9.4	ug/l	177971	4	13.561	946327	50.0
Dodecane	14.732	8.7	ug/l	165191	4	13.561	946327	50.0
Naphthalene, de...	14.861	9.7	ug/l	182708	4	13.561	946327	50.0
unknown15.343	15.343	8.4	ug/l	159082	4	13.561	946327	50.0