LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
Data File : VD066000.D
Acq On : 22 Jul 2020 14:33
Operator : VA/SY
Sample : L3323-02
Misc : 5.25G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 221

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\82D072120S.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.409	412	423	435	rBV	39224	110588	1.56%	0.543%
2	4.967	506	518	531	rBV2	49241	159324	2.25%	0.782%
3	5.191	542	556	574	rVB2	119268	510948	7.23%	2.509%
4	7.197	883	897	920	rBV	2467415	7070131	100.00%	34.721%
5	7.914	1011	1019	1025	rBV	226517	560037	7.92%	2.750%
6	7.979	1025	1030	1040	rVB	360415	796090	11.26%	3.909%
7	8.332	1076	1090	1100	rBV2	182146	522798	7.39%	2.567%
8	8.867	1173	1181	1193	rBV	599682	1215064	17.19%	5.967%
9	9.685	1315	1320	1329	rVB	56097	114945	1.63%	0.564%
10	10.344	1425	1432	1440	rVV	942191	1709671	24.18%	8.396%
11	10.797	1504	1509	1513	rBV3	46175	97144	1.37%	0.477%
12	10.849	1513	1518	1528	rVB	174232	337438	4.77%	1.657%
13	11.491	1622	1627	1634	rBV	98542	167388	2.37%	0.822%
14	11.649	1647	1654	1663	rBV	924917	1604376	22.69%	7.879%
15	12.091	1723	1729	1735	rBV	103403	201115	2.84%	0.988%
16	12.391	1776	1780	1787	rVB3	61187	128181	1.81%	0.629%
17	12.638	1816	1822	1832	rVB	809930	1361517	19.26%	6.686%
18	12.961	1873	1877	1882	rVB3	64091	97777	1.38%	0.480%
19	13.249	1922	1926	1932	rVB	78607	129654	1.83%	0.637%
20	13.473	1959	1964	1975	rVB2	181569	332849	4.71%	1.635%
21	13.585	1975	1983	1989	rBV	929686	1637217	23.16%	8.040%
22	13.655	1990	1995	1996	rBV4	69965	113557	1.61%	0.558%
23	13.855	2022	2029	2046	rVB4	257634	991442	14.02%	4.869%
24	14.038	2054	2060	2072	rBV4	62662	210987	2.98%	1.036%
25	14.179	2081	2084	2095	rVB5	72613	182732	2.58%	0.897%

Sum of corrected areas: 20362970

LSC Report - Integrated Chromatogram

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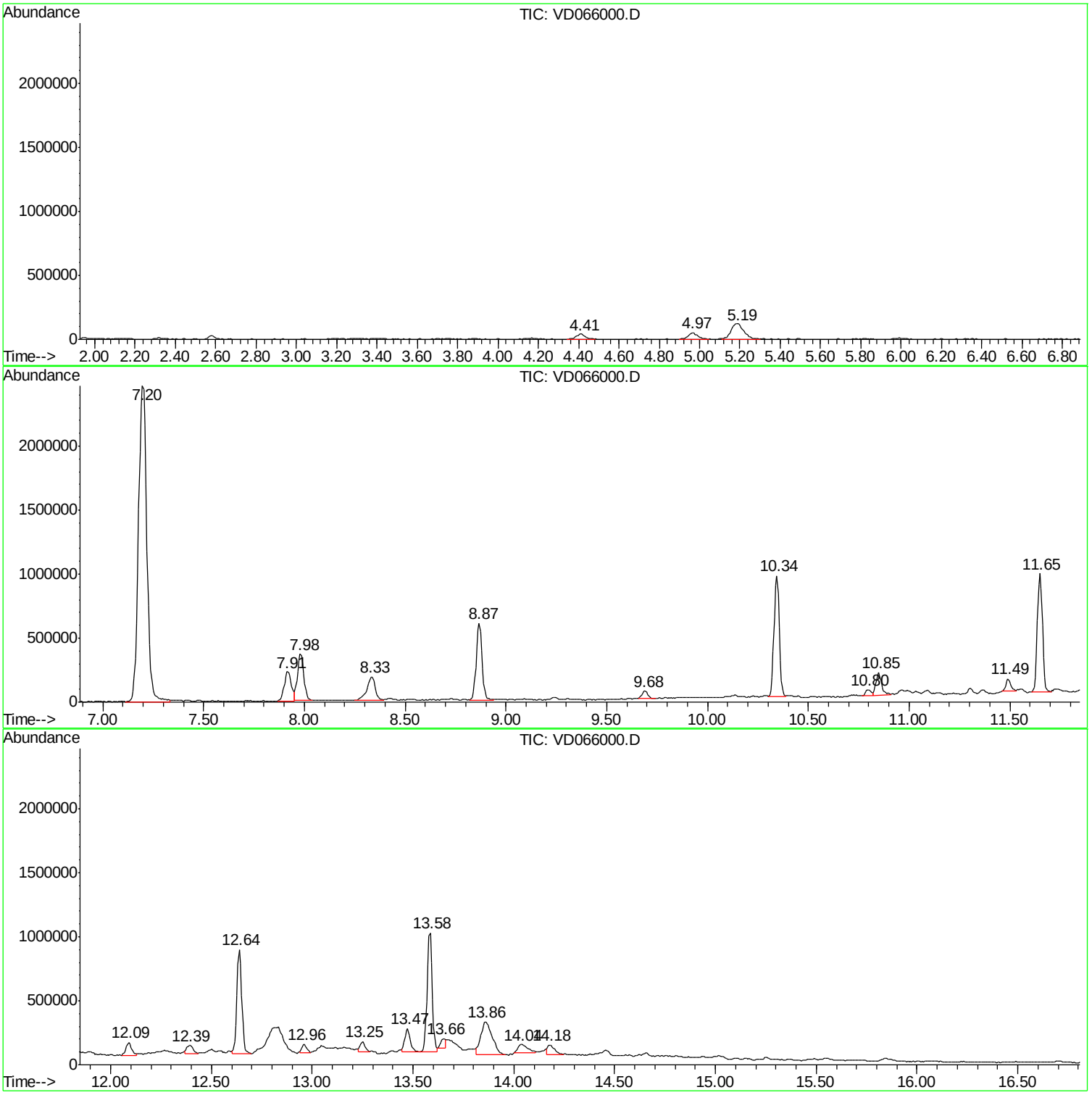
Operator : VA/SY
Sample : L3323-02
Misc : 5.25G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 221

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
Data File : VD066000.D
Acq On : 22 Jul 2020 14:33
Operator : VA/SY
Sample : L3323-02
Misc : 5.25G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 221

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

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

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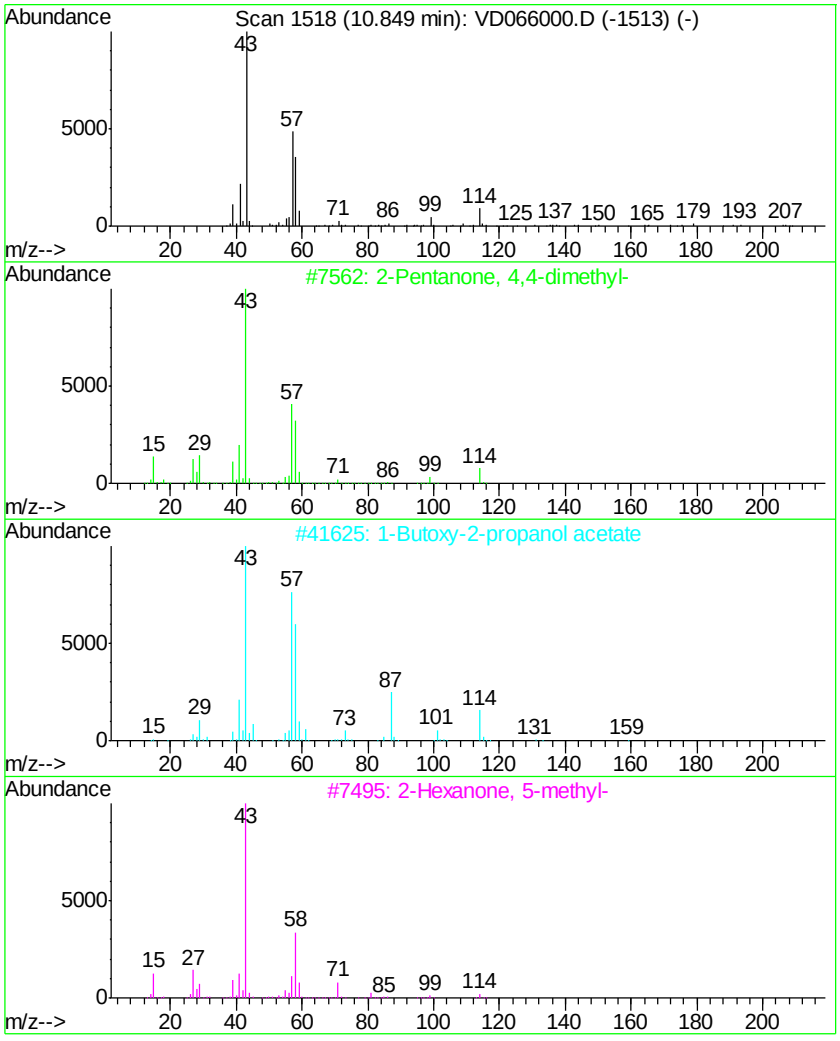
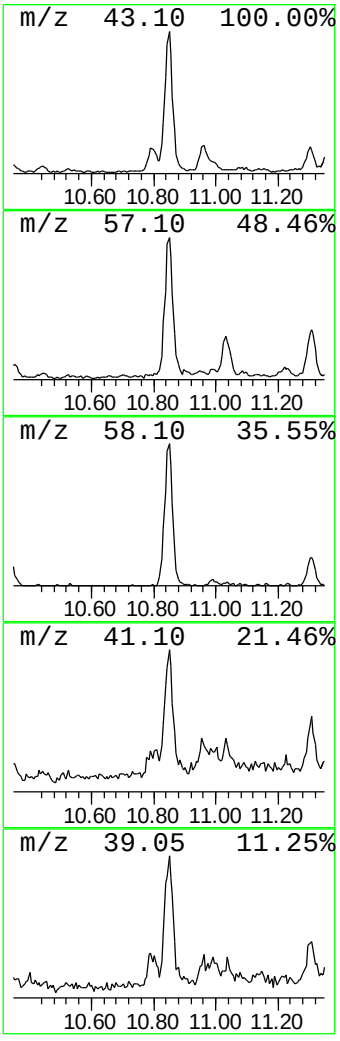
Peak Number 2 2-Pentanone, 4,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	10.52 ug/l	337438	Chlorobenzene-d5	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	87
2	1-Butoxy-2-propanol acetate	174	C9H18O3	085409-76-3	64
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	33
4	1,4-Dioxin, 2,3-dihydro-5,6-dime...	114	C6H10O2	025465-18-3	14
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	14





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
Data File : VD066000.D
Acq On : 22 Jul 2020 14:33
Operator : VA/SY
Sample : L3323-02
Misc : 5.25G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 221

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

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

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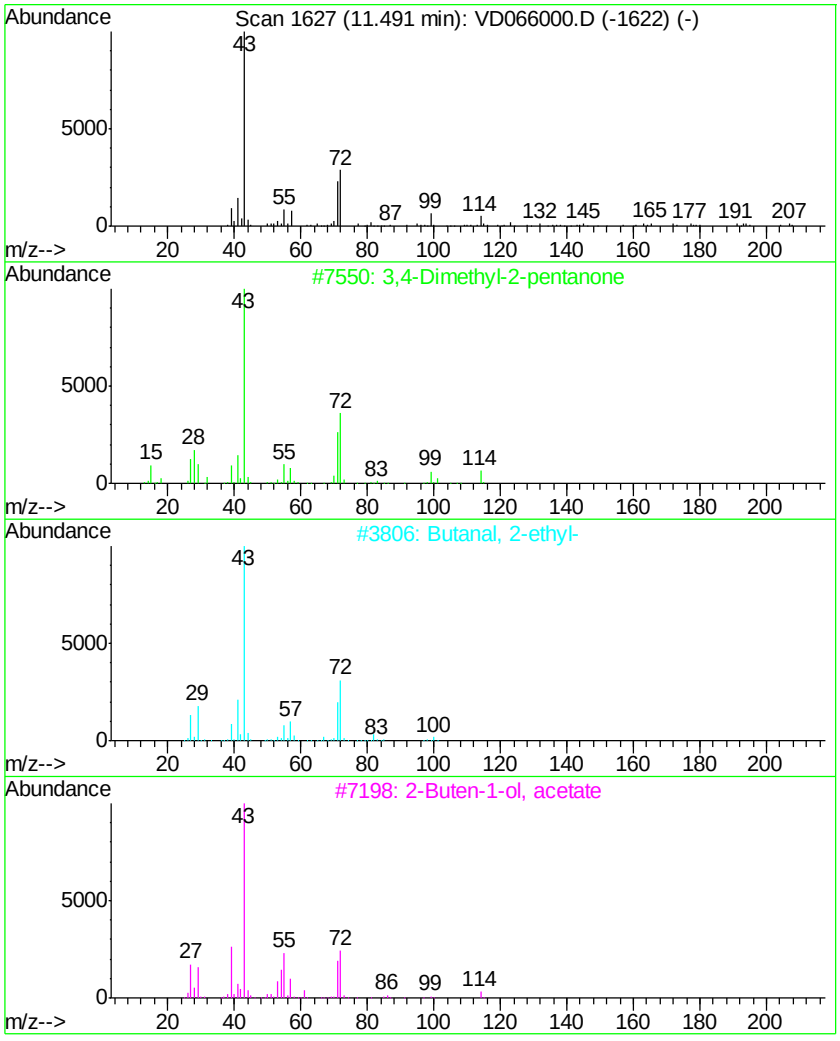
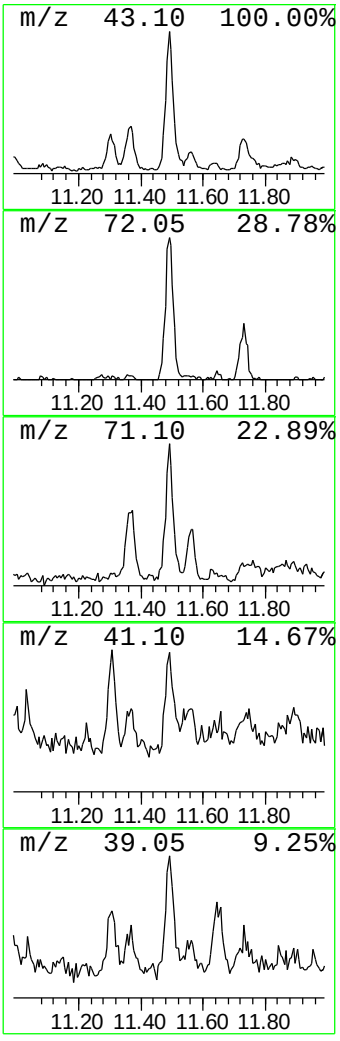
Peak Number 3 3,4-Dimethyl-2-pentanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.49	5.22 ug/l	167388	Chlorobenzene-d5	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-2-pentanone	114	C7H14O	1000202-23-1	80
2	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	53
3	2-Buten-1-ol, acetate	114	C6H10O2	000628-08-0	45
4	2,3-Hexanedione	114	C6H10O2	003848-24-6	37
5	Butanal, 2,2-dimethyl-	100	C6H12O	002094-75-9	27





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
Data File : VD066000.D
Acq On : 22 Jul 2020 14:33
Operator : VA/SY
Sample : L3323-02
Misc : 5.25G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 221

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

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

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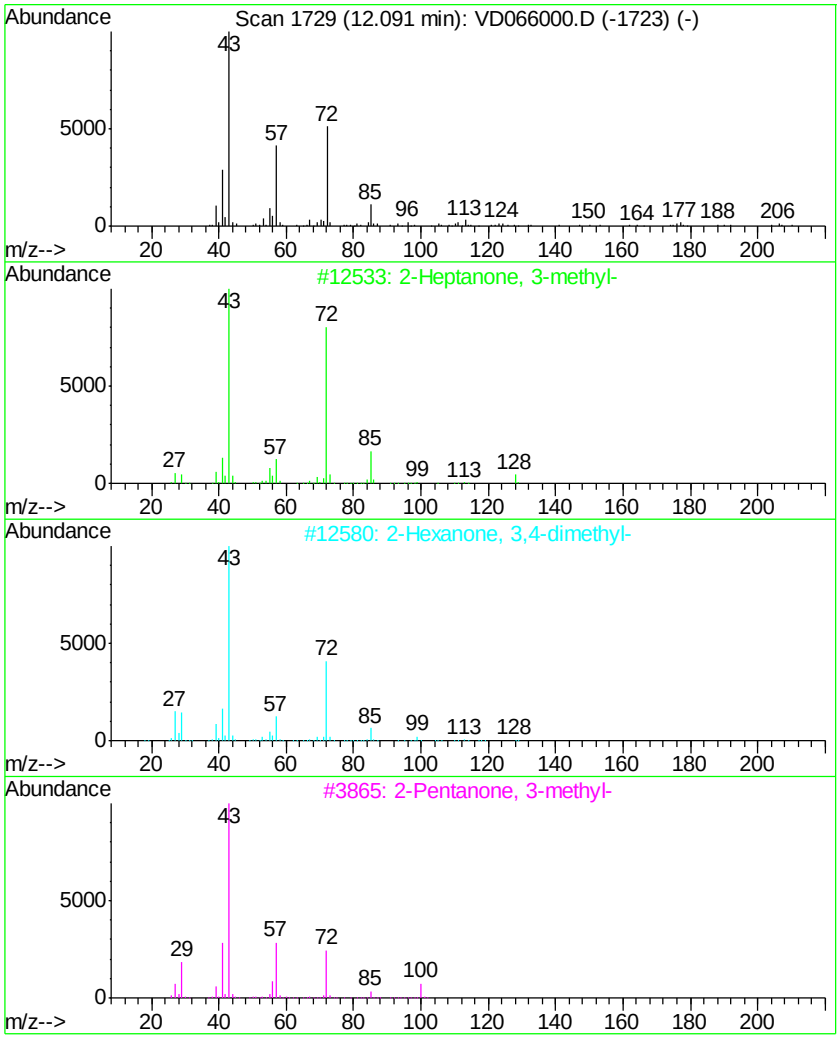
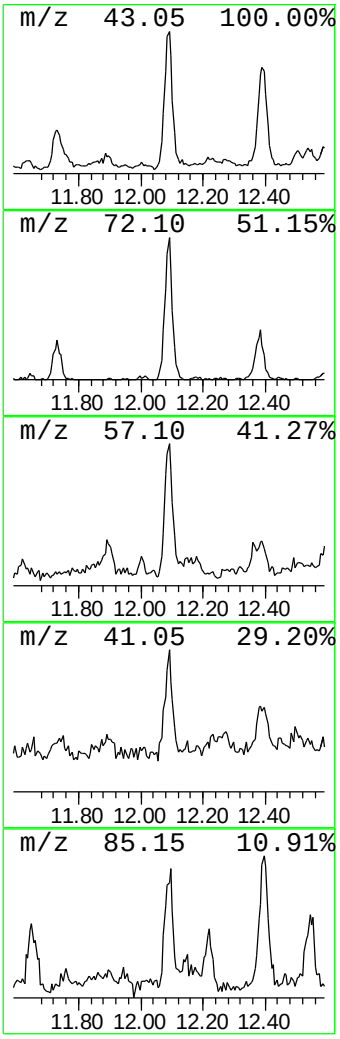
Peak Number 4 2-Heptanone, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	6.27 ug/l	201115	Chlorobenzene-d5	11.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone, 3-methyl-	128	C8H16O	002371-19-9	56
2	2-Hexanone, 3,4-dimethyl-	128	C8H16O	019550-10-8	56
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	56
4	2-Propen-1-ol, 2-methyl-, acetate	114	C6H10O2	000820-71-3	50
5	Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	43





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
Data File : VD066000.D
Acq On : 22 Jul 2020 14:33
Operator : VA/SY
Sample : L3323-02
Misc : 5.25G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 221

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

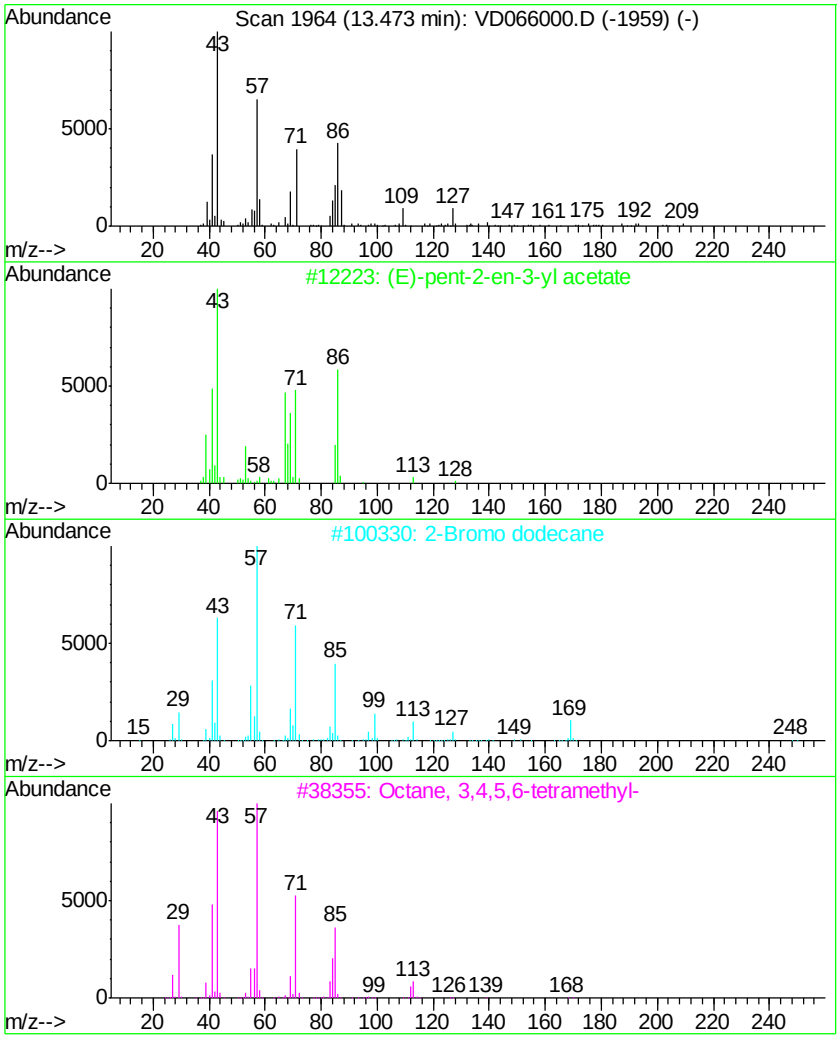
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

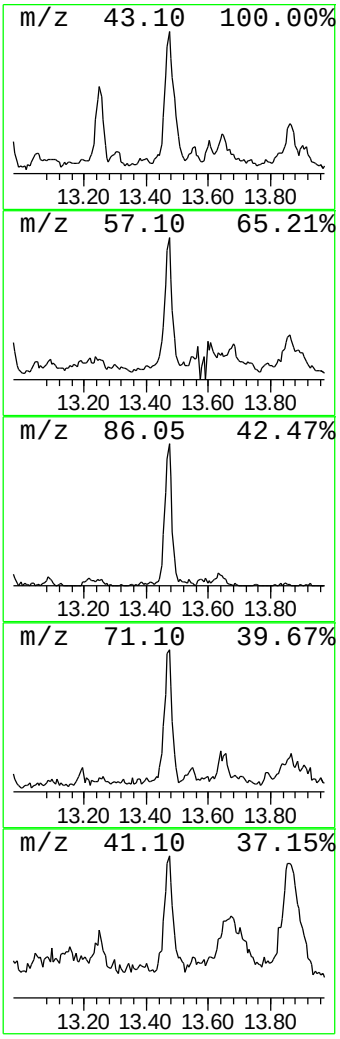
****

Peak Number 5 unknown13.47 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	10.17 ug/l	332849	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-pent-2-en-3-yl acetate	128	C7H12O2	1000374-05-0	40
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	38
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	38
4	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	38
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	32





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
Data File : VD066000.D
Acq On : 22 Jul 2020 14:33
Operator : VA/SY
Sample : L3323-02
Misc : 5.25G/5.00ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 221

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260

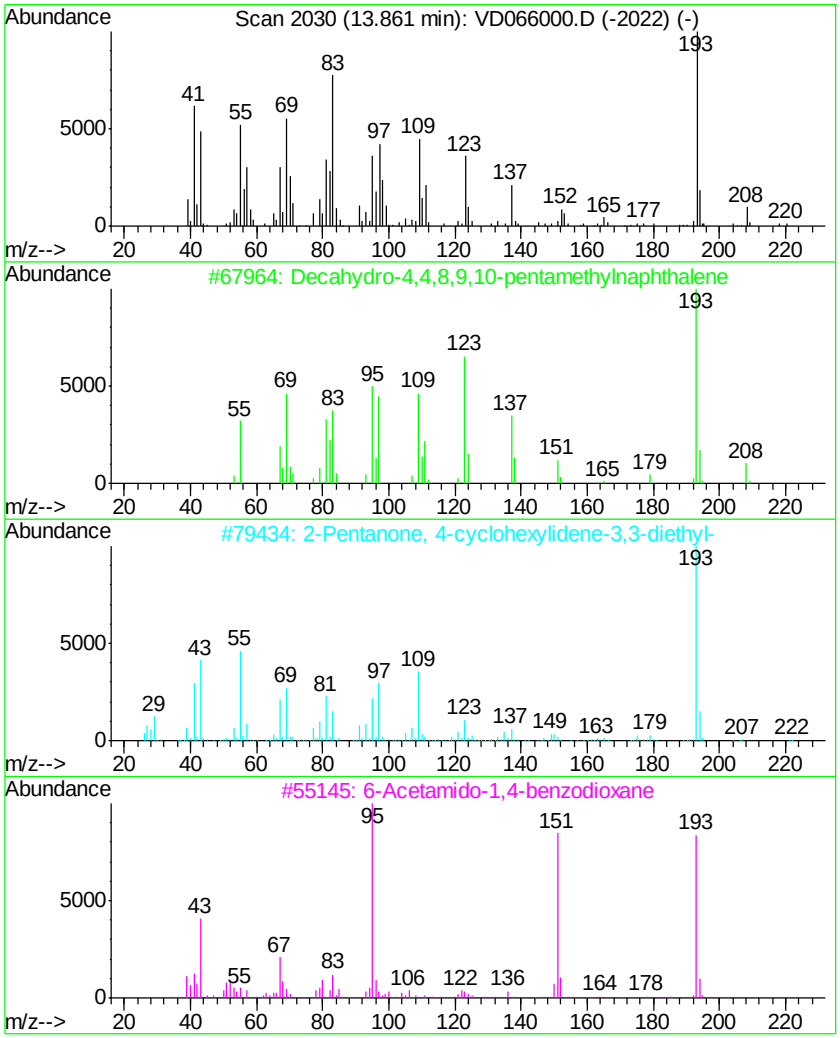
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

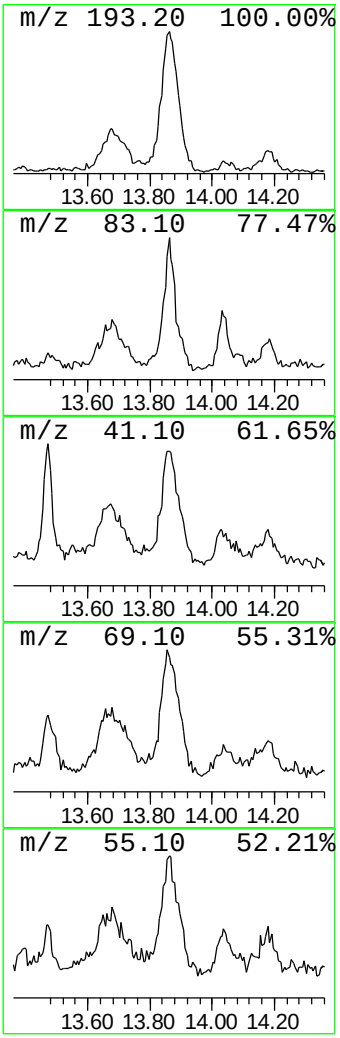
****

Peak Number 6 Decahydro-4,4,8,9,10-pentam... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	30.28 ug/l	991442	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	95
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	47
3	6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	25
4	Neopentylidenecyclohexane	152	C11H20	039546-80-0	18
5	Cyclodecane, methyl-	154	C11H22	013151-43-4	14





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072220\
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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
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Quant Title : SW846 8260

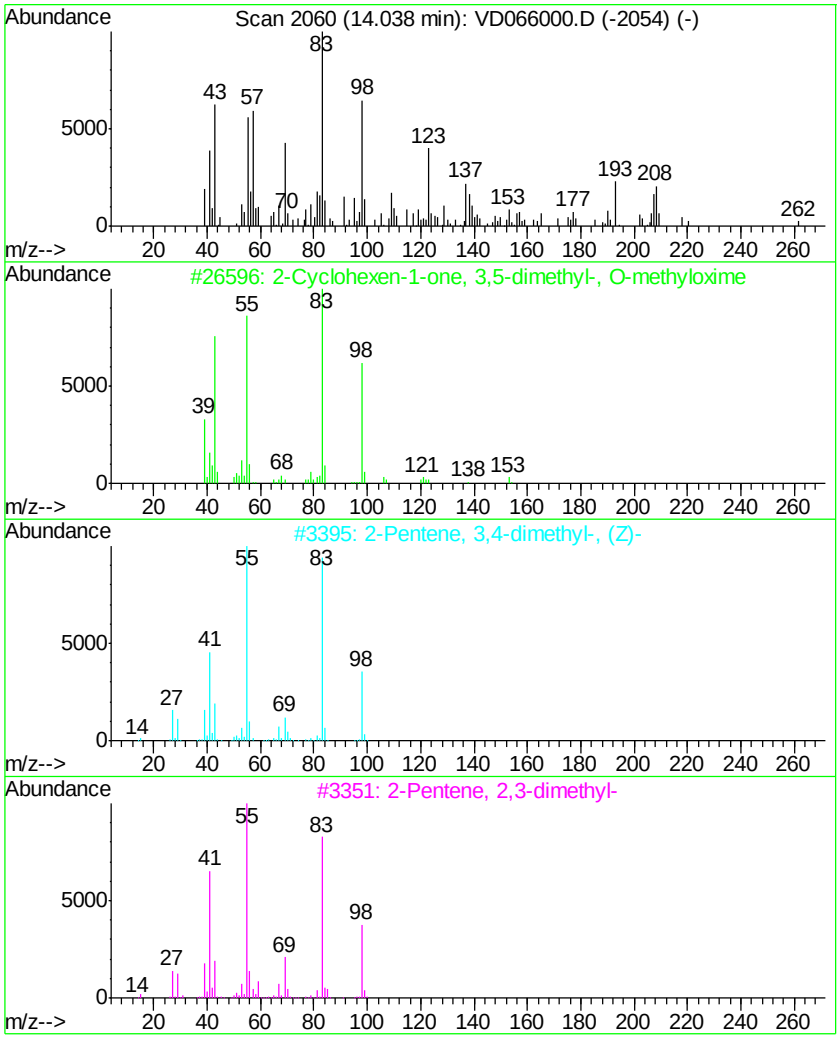
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

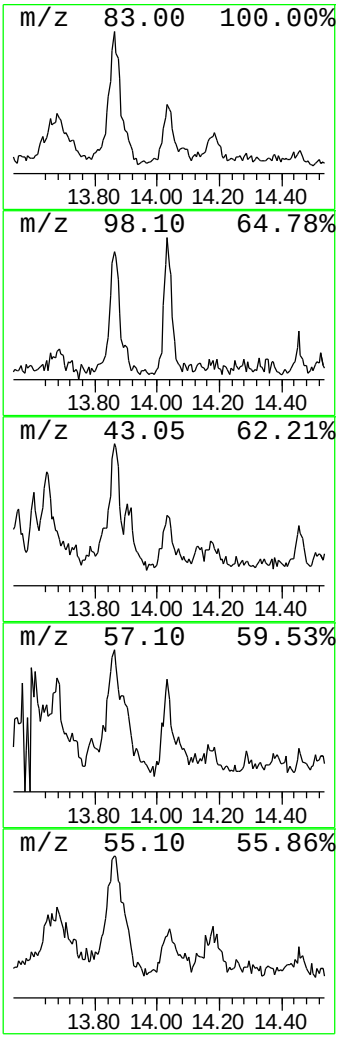
****

Peak Number 7 unknown14.04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	6.44 ug/l	210987	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3,5-dimethyl...	153	C9H15NO	056336-06-2	41
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	38
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	35
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	35
5	2,4-Azetidinedione, 3,3-diethyl-...	155	C8H13NO2	069315-91-9	35





Library Search Compound Report

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Quant Title : SW846 8260

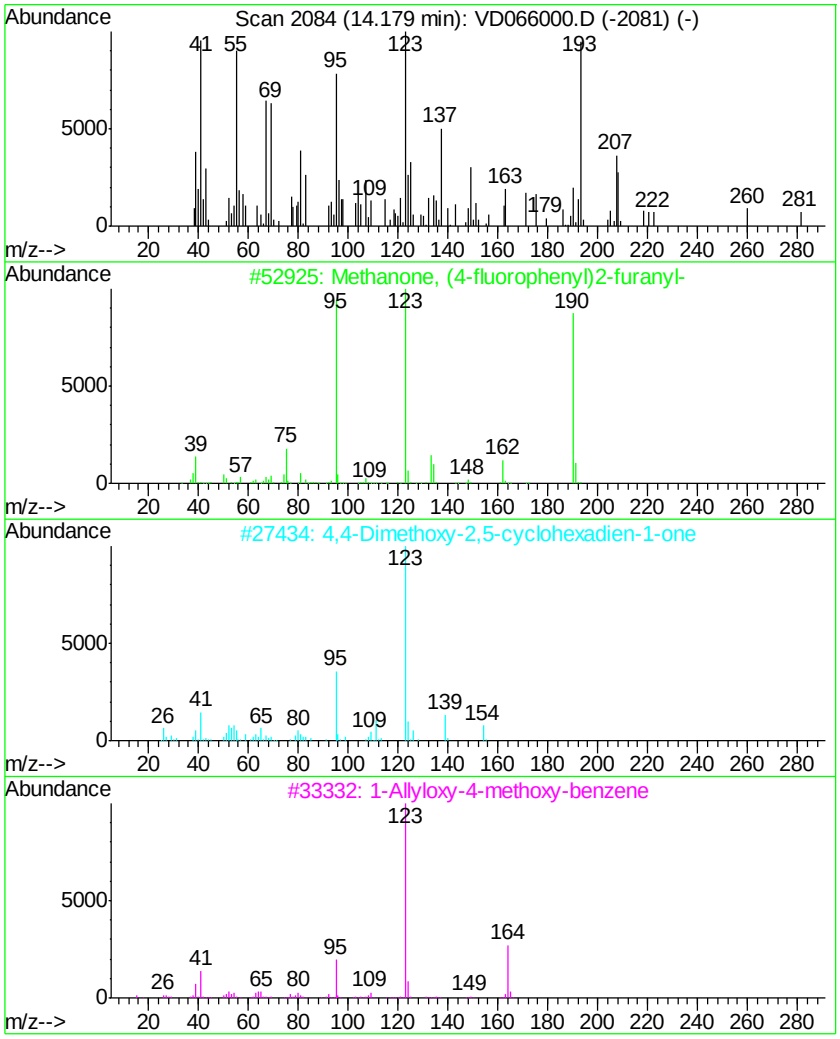
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

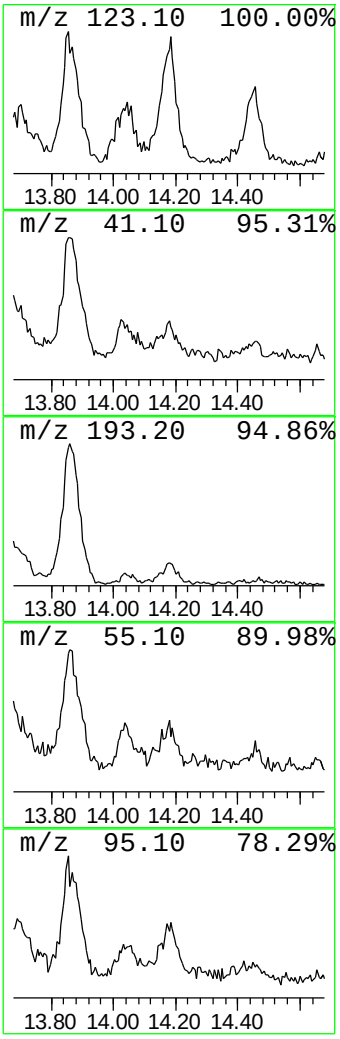
****

Peak Number 8 unknown14.18 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	5.58 ug/l	182732	1,4-Dichlorobenzene-d4	13.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (4-fluorophenyl)2-fur...	190	C11H7FO2	1000338-18-8	35
2	4,4-Dimethoxy-2,5-cyclohexadien-...	154	C8H10O3	000935-50-2	27
3	1-Allyloxy-4-methoxy-benzene	164	C10H12O2	013391-35-0	27
4	Spiro[4.4]non-3-en-2-one, 4-meth...	220	C10H12N4O2	1000316-40-4	25
5	3-Fluorobenzoic acid, but-3-yn-2...	192	C11H9FO2	1000292-60-0	14





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4,4-...	10.85	10.5	ug/l	337438	3	11.65	1604380	50.0
3,4-Dimethyl-2-pe...	11.49	5.2	ug/l	167388	3	11.65	1604380	50.0
2-Heptanone, 3-me...	12.09	6.3	ug/l	201115	3	11.65	1604380	50.0
unknown13.47	13.47	10.2	ug/l	332849	4	13.58	1637220	50.0
Decahydro-4,4,8,9...	13.86	30.3	ug/l	991442	4	13.58	1637220	50.0
unknown14.04	14.04	6.4	ug/l	210987	4	13.58	1637220	50.0
unknown14.18	14.18	5.6	ug/l	182732	4	13.58	1637220	50.0