LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
Data File : VD058348.D
Acq On : 23 Jun 2018 18:39
Operator : VA/AP
Sample : J3664-23
Misc : 6.22g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WP021SB471-33-35-180619

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\82D061918S.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	1.233	92	102	104	rBV	1097094	2601577	1.65%	0.678%
2	1.292	104	108	125	rVB	1509736	5239639	3.32%	1.366%
3	2.562	232	237	265	rBV	7739518	25949077	16.44%	6.767%
4	3.094	285	291	318	rBV	7044581	26117757	16.54%	6.811%
5	4.836	459	468	499	rBV	6271372	26313360	16.67%	6.862%
6	5.348	514	520	540	rVB	798022	3079565	1.95%	0.803%
7	5.673	540	553	560	rBV	606679	2726730	1.73%	0.711%
8	6.717	653	659	681	rVB2	371173	2811675	1.78%	0.733%
9	7.110	681	699	700	rBV4	21007878	157885188	100.00%	41.175%
10	7.445	729	733	743	rVB	633626	1969531	1.25%	0.514%
11	8.646	849	855	862	rBV	1734236	5082305	3.22%	1.325%
12	8.872	869	878	883	rBV	16839822	59873312	37.92%	15.614%
13	9.483	935	940	943	rBV	884446	1811812	1.15%	0.473%
14	9.552	943	947	952	rVB	850614	1877967	1.19%	0.490%
15	10.713	1061	1065	1073	rVB2	1536402	3056517	1.94%	0.797%
16	10.950	1086	1089	1093	rVV	1145675	1977100	1.25%	0.516%
17	11.028	1093	1097	1103	rVV	1409641	3039774	1.93%	0.793%
18	11.452	1134	1140	1147	rVB2	2697132	5768702	3.65%	1.504%
19	12.249	1215	1221	1223	rBV	879453	1600895	1.01%	0.417%
20	12.377	1231	1234	1237	rVB	1902188	2602041	1.65%	0.679%
21	12.633	1256	1260	1268	rVB	2269743	3909386	2.48%	1.020%
22	12.850	1279	1282	1285	rBV2	1855434	2687308	1.70%	0.701%
23	12.938	1285	1291	1296	rVB3	5321188	11135502	7.05%	2.904%
24	13.214	1314	1319	1322	rVV	13672376	24333238	15.41%	6.346%

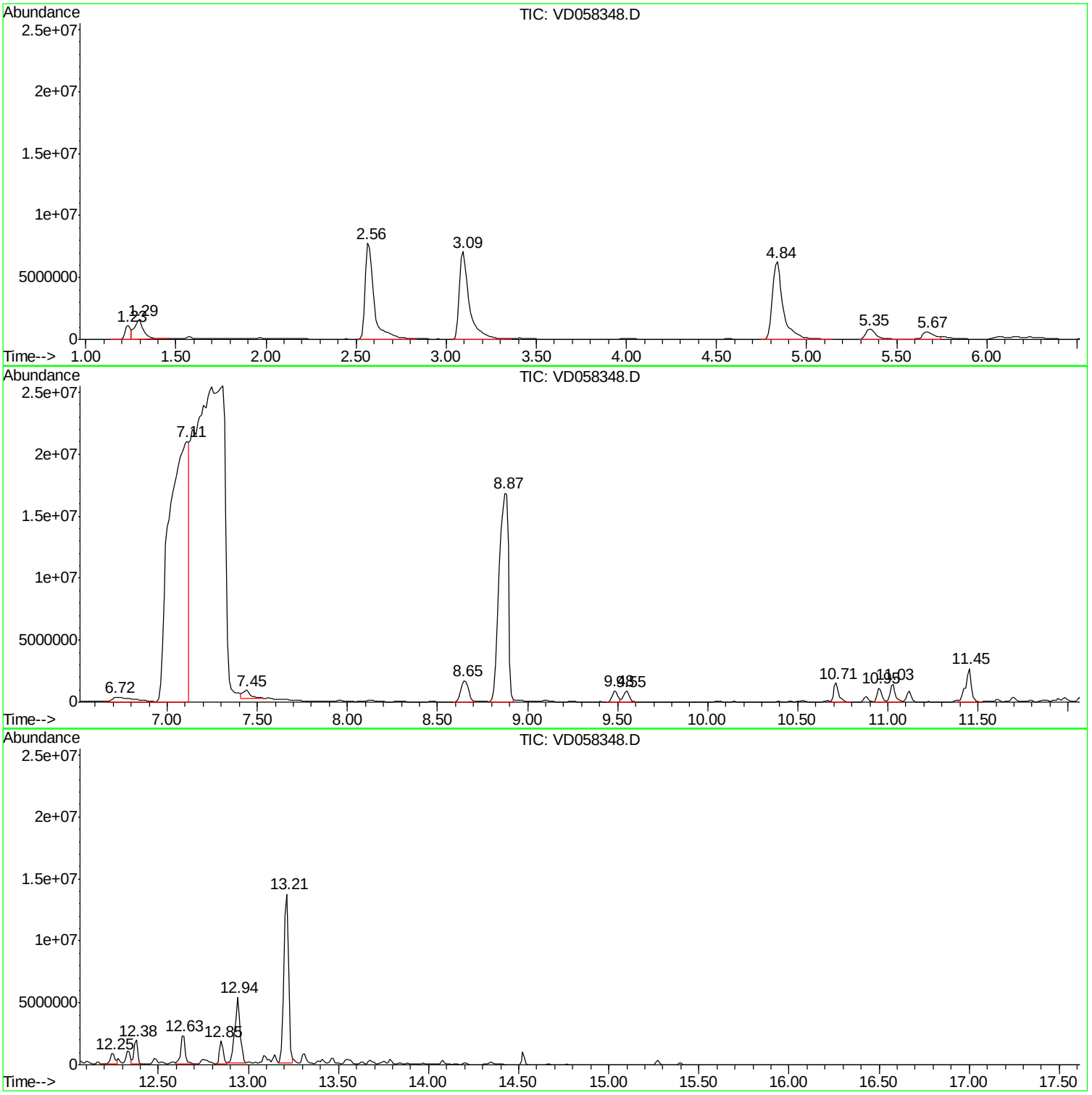
Sum of corrected areas: 383449958

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
Data File : VD058348.D
Acq On : 23 Jun 2018 18:39
Operator : VA/AP
Sample : J3664-23
Misc : 6.22g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP021SB471-33-35-180619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
Data File : VD058348.D
Acq On : 23 Jun 2018 18:39
Operator : VA/AP
Sample : J3664-23
Misc : 6.22g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WP021SB471-33-35-180619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

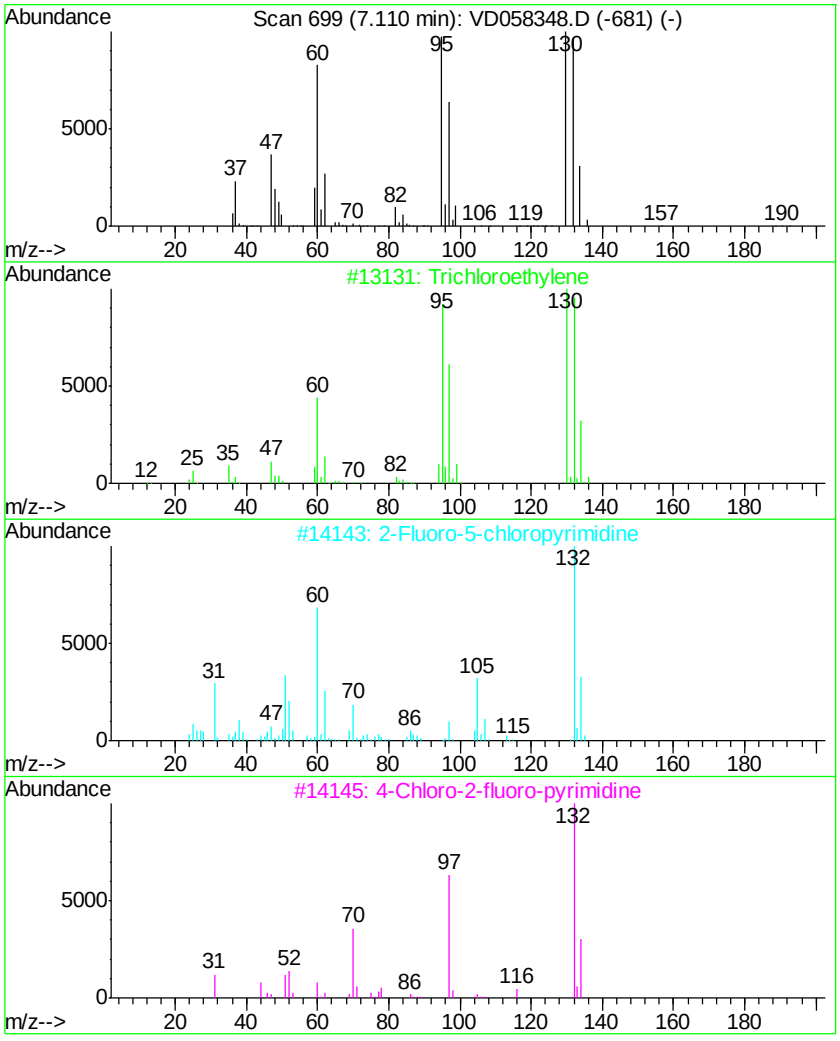
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

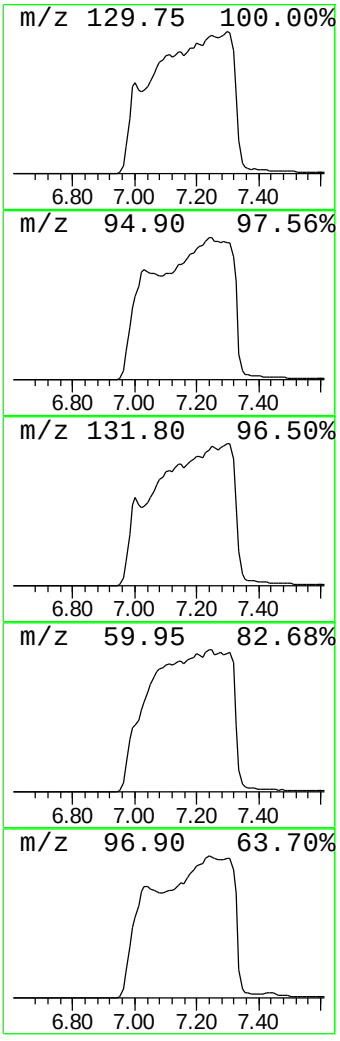
****

Peak Number 3 Trichloroethylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	2807.67 ug/l	157885000	1,4-Difluorobenzene	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	94
2	2-Fluoro-5-chloropyrimidine	132	C4H2ClFN2	062802-37-3	35
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	10
4	3(2H)-Thiophenone, 2-ethyldihydro-	130	C6H10OS	052662-38-1	9
5	1H-1,2,4-Triazol-3-amine, 5-(met...	130	C3H6N4S	045534-08-5	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
Data File : VD058348.D
Acq On : 23 Jun 2018 18:39
Operator : VA/AP
Sample : J3664-23
Misc : 6.22g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WP021SB471-33-35-180619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

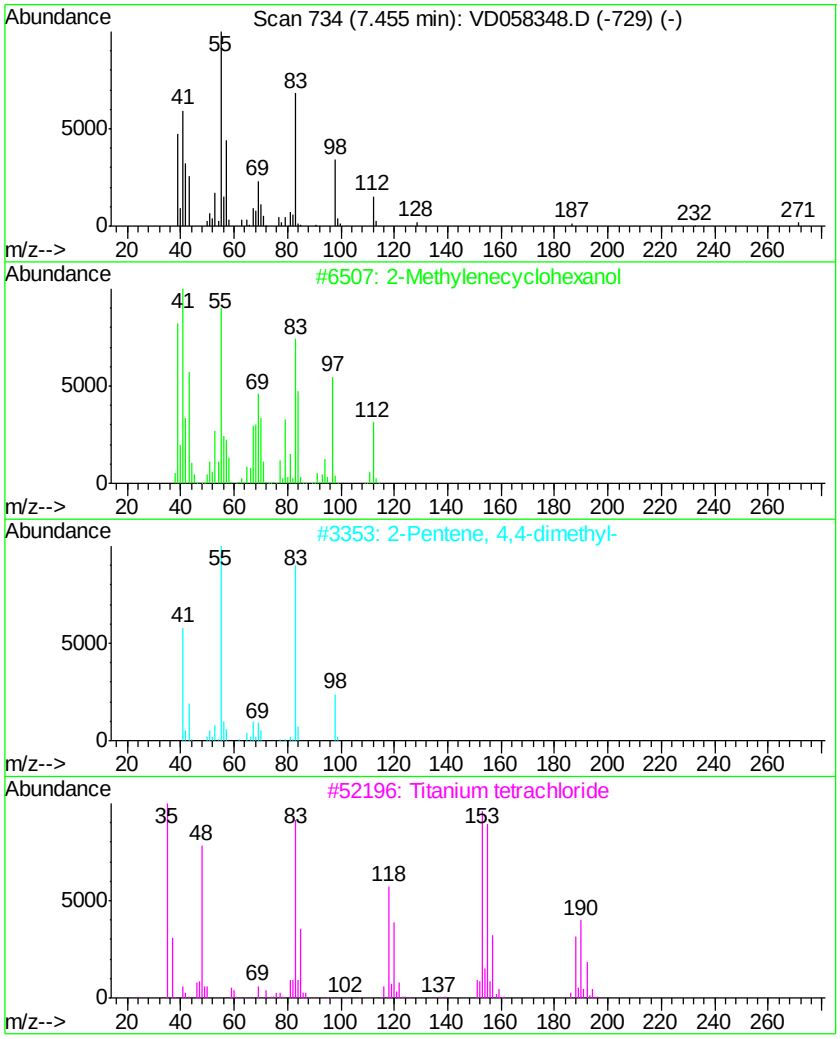
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

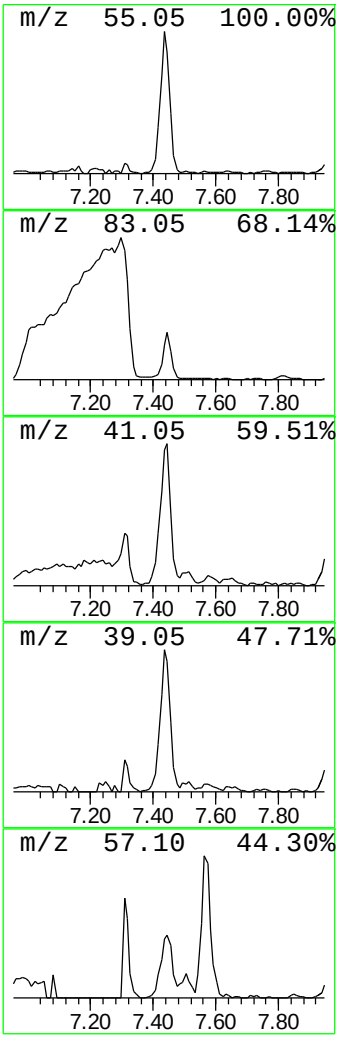
****

Peak Number 4 2-Methylenecyclohexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	35.02 ug/l	1969530	1,4-Difluorobenzene	6.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylenecyclohexanol	112	C7H12O	004065-80-9	76
2	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	58
3	Titanium tetrachloride	188	Cl4Ti	007550-45-0	46
4	3-Hexene, 2,2-dimethyl-	112	C8H16	003123-93-1	38
5	Furan, 2,5-dihydro-2,5-dimethyl-	98	C6H10O	059242-27-2	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
Data File : VD058348.D
Acq On : 23 Jun 2018 18:39
Operator : VA/AP
Sample : J3664-23
Misc : 6.22g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WP021SB471-33-35-180619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

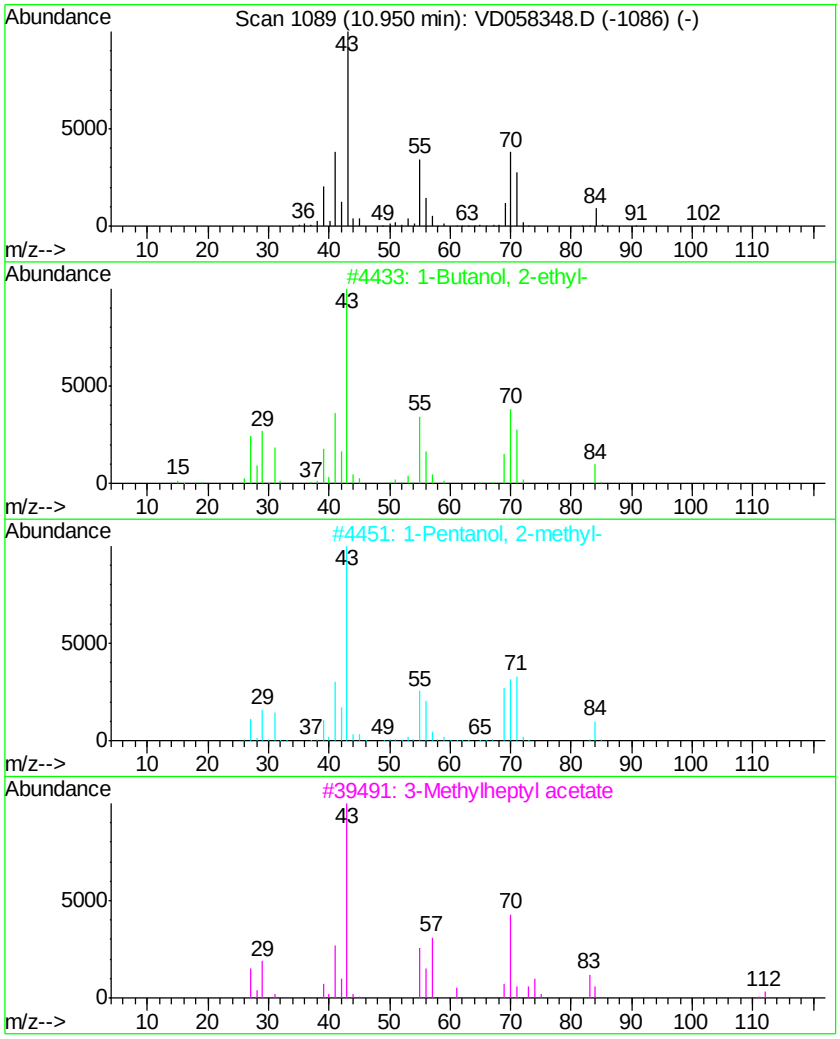
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

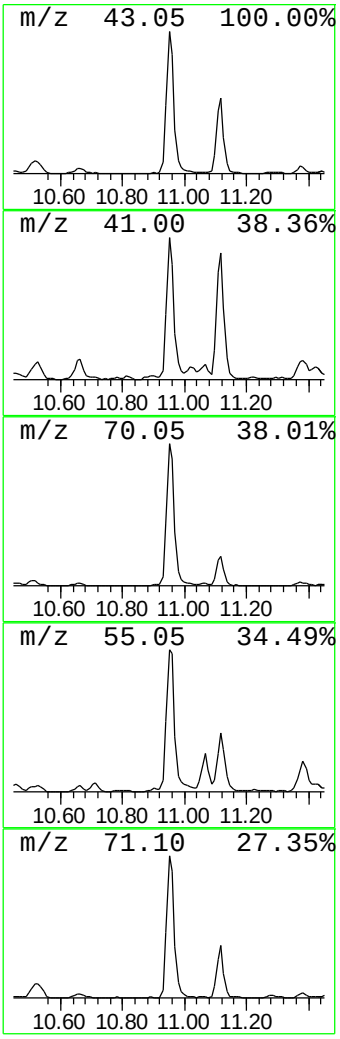
****

Peak Number 5 1-Butanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	32.34 ug/l	1977100	Chlorobenzene-d5	10.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	90
2	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	72
3	3-Methylheptyl acetate	172	C10H20O2	072218-58-7	64
4	Pyrrolidine	71	C4H9N	000123-75-1	47
5	Hydroxylamine, O-(3-methylbutyl)-	103	C5H13NO	019411-65-5	40





Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062318\
Data File : VD058348.D
Acq On : 23 Jun 2018 18:39
Operator : VA/AP
Sample : J3664-23
Misc : 6.22g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WP021SB471-33-35-180619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260

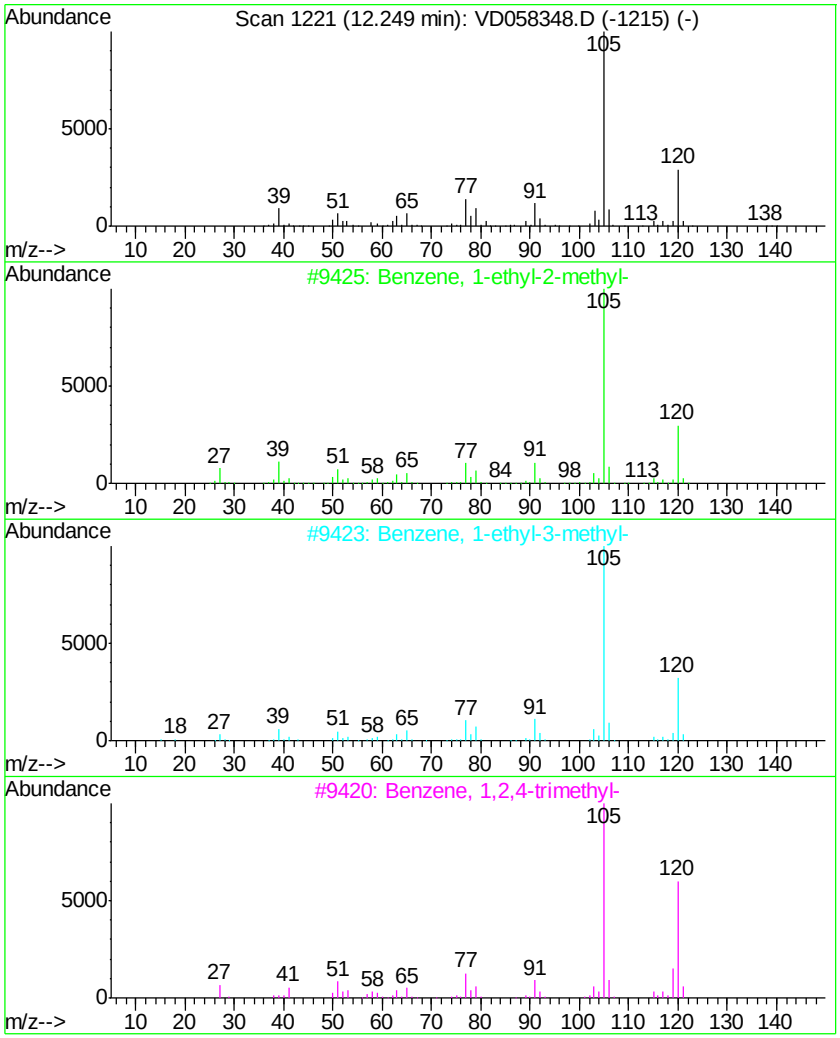
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

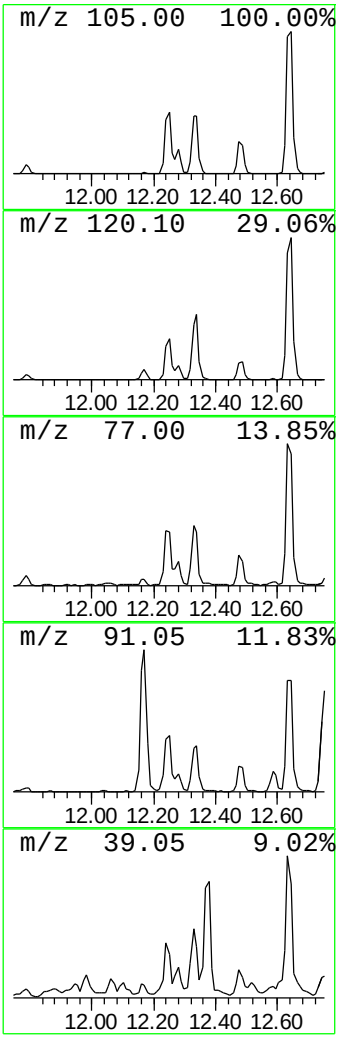
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	7.19 ug/l	1600900	1,4-Dichlorobenzene-d4	12.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD062318\
Data File : VD058348.D
Acq On : 23 Jun 2018 18:39
Operator : VA/AP
Sample : J3664-23
Misc : 6.22g/5ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : WP021SB471-33-35-180619

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.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
Trichloroethylene	7.11	2807.7	ug/l	157885000	2	6.72	2811680	50.0
2-Methylenecycloh...	7.45	35.0	ug/l	1969530	2	6.72	2811680	50.0
1-Butanol, 2-ethyl-	10.95	32.3	ug/l	1977100	3	10.71	3056520	50.0
Benzene, 1-ethyl-...	12.25	7.2	ug/l	1600900	4	12.92	11135500	50.0