LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
Data File : VX004707.D
Acq On : 19 Sep 2018 15:52
Operator : JC/MD
Sample : J4939-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-1

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_X\METHOD\82X091118W.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	1.251	13	16	20	rVB	11649	11943	1.04%	0.146%
2	1.404	35	41	45	rBV	47143	51621	4.48%	0.632%
3	1.447	45	48	53	rVB	15221	19066	1.65%	0.234%
4	1.696	84	89	100	rVB3	33045	55832	4.84%	0.684%
5	1.959	127	132	139	rVV	15081	20803	1.80%	0.255%
6	2.044	142	146	156	rVB	10875	15311	1.33%	0.188%
7	2.190	164	170	179	rVB	47369	82012	7.11%	1.005%
8	2.373	193	200	210	rBV	548111	888468	77.05%	10.884%
9	2.611	233	239	249	rVB	28614	53249	4.62%	0.652%
10	3.696	407	417	429	rVB2	125205	289119	25.07%	3.542%
11	4.598	554	565	579	rBV	60923	168626	14.62%	2.066%
12	5.507	700	714	726	rBV2	149637	413371	35.85%	5.064%
13	5.659	729	739	754	rVB	197616	564574	48.96%	6.916%
14	6.068	792	806	815	rBV2	159391	407077	35.30%	4.987%
15	6.202	822	828	837	rVB2	8314	22166	1.92%	0.272%
16	6.385	847	858	873	rBV	71600	191199	16.58%	2.342%
17	6.860	926	936	955	rBV	323931	751077	65.13%	9.201%
18	7.214	985	994	997	rBV	7408	15414	1.34%	0.189%
19	7.256	997	1001	1011	rVB	20204	43025	3.73%	0.527%
20	7.750	1076	1082	1094	rBV	57997	110735	9.60%	1.357%
21	8.043	1124	1130	1140	rBV	60520	109135	9.46%	1.337%
22	8.714	1233	1240	1250	rBV	720093	1153160	100.00%	14.127%
23	9.793	1411	1417	1423	rBV	67070	92035	7.98%	1.128%
24	10.036	1446	1457	1464	rBV	9473	14359	1.25%	0.176%
25	10.116	1464	1470	1479	rBV	644578	861955	74.75%	10.560%
26	11.140	1632	1638	1649	rBV	635402	803369	69.67%	9.842%
27	12.079	1786	1792	1801	rBV	779056	939011	81.43%	11.504%
28	13.353	1997	2001	2005	rVB	11865	15018	1.30%	0.184%

Sum of corrected areas: 8162730

LSC Report - Integrated Chromatogram

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Sample : J4939-05
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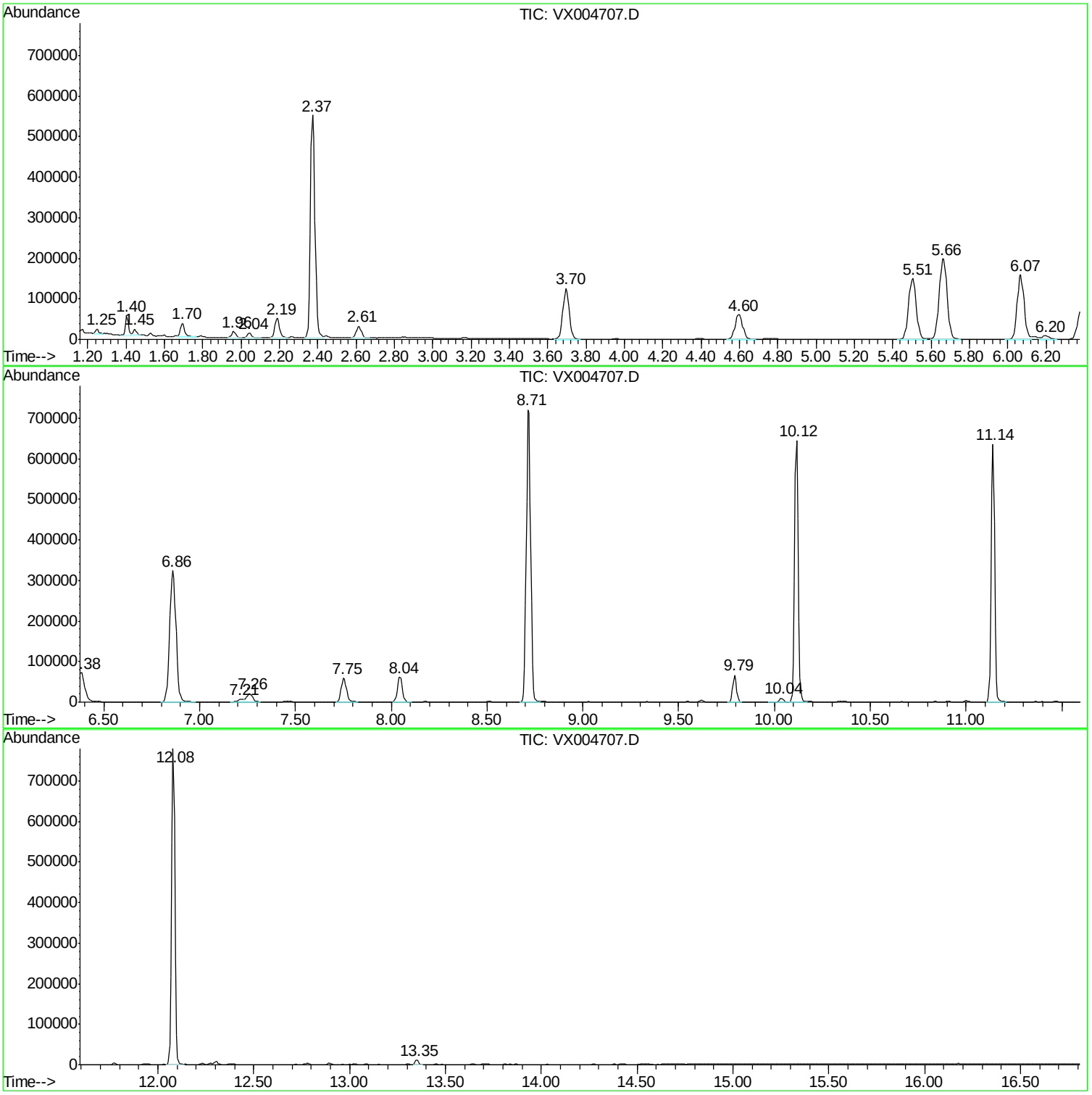
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
Data File : VX004707.D
Acq On : 19 Sep 2018 15:52
Operator : JC/MD
Sample : J4939-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

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

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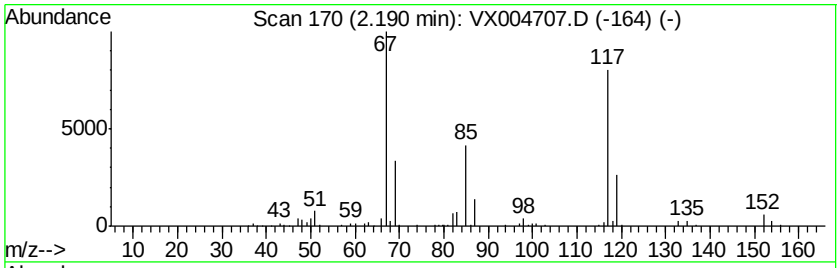
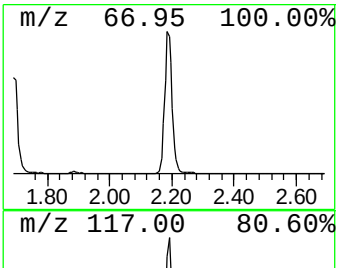
Peak Number 1 Ethane, 1,2-dichloro-1,1,2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.19	7.26 ug/l	82012	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,2-dichloro-1,1,2-trifl...	152	C2HCl2F3	000354-23-4	94
2	Fluorodichloromethane	102	CHCl2F	000075-43-4	22
3	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	9
4	Methyl 2-butynoate	98	C5H6O2	023326-27-4	9
5	Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	9





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Data File : VX004707.D
Acq On : 19 Sep 2018 15:52
Operator : JC/MD
Sample : J4939-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

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

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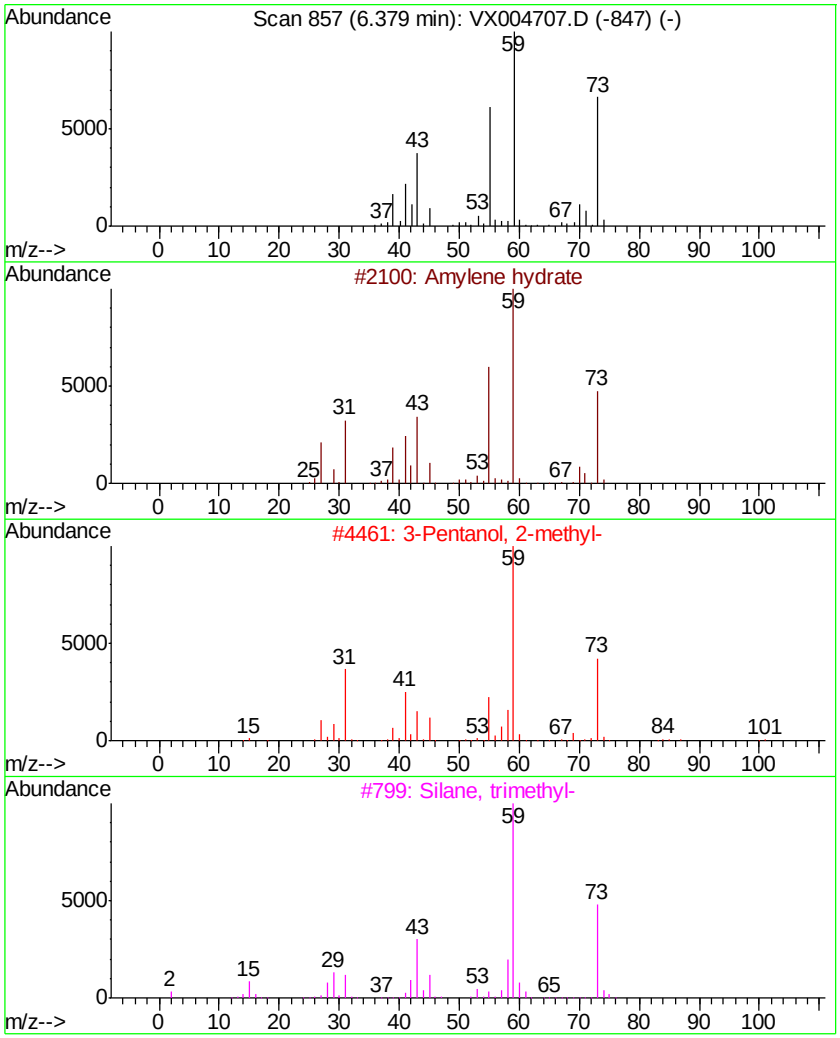
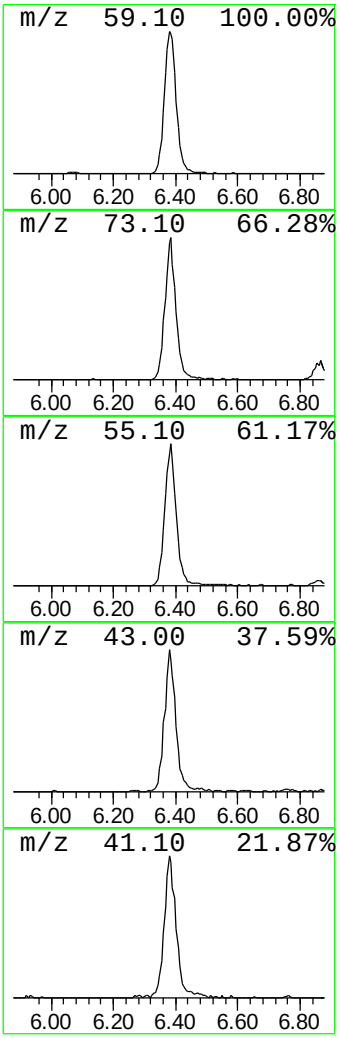
Peak Number 2 Amylene hydrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	12.73 ug/l	191199	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	78
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	39
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	9
4	3-Hexanol	102	C6H14O	000623-37-0	9
5	Butane, 2-methoxy-	88	C5H12O	006795-87-5	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091918\
Data File : VX004707.D
Acq On : 19 Sep 2018 15:52
Operator : JC/MD
Sample : J4939-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

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

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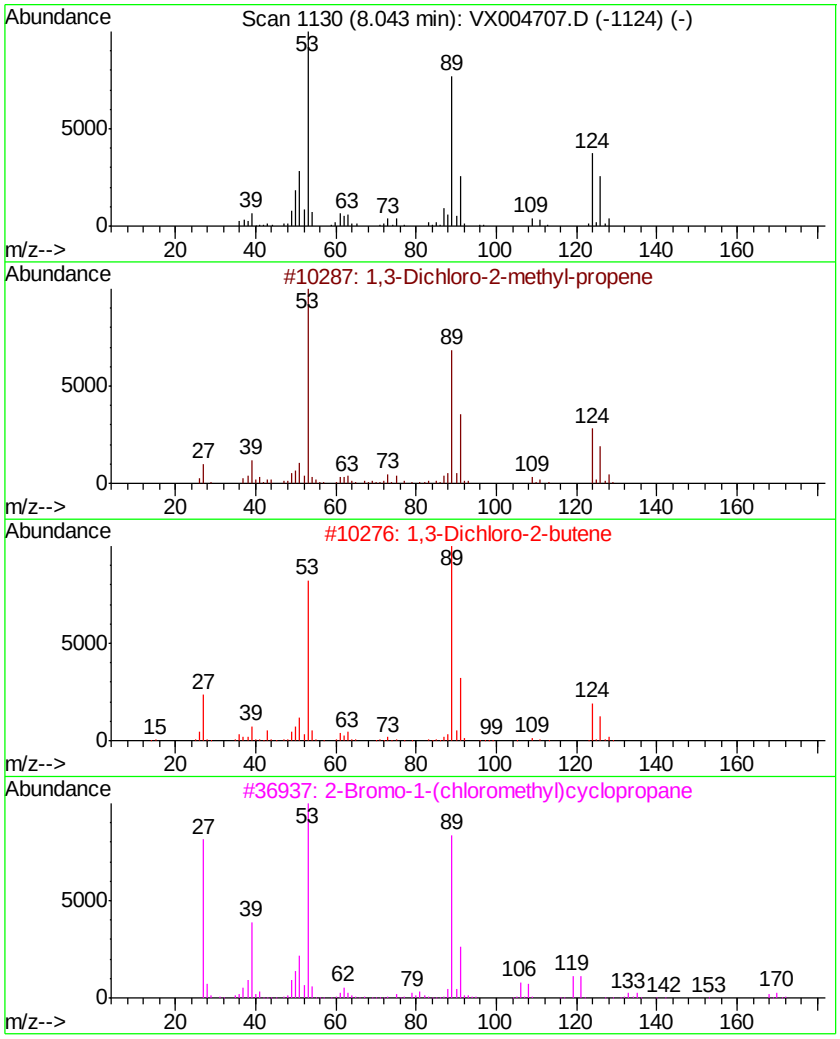
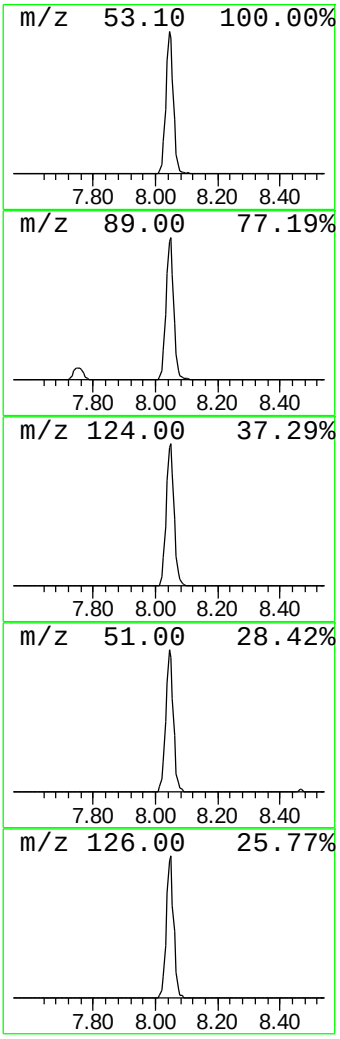
Peak Number 3 1,3-Dichloro-2-methyl-propene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	7.27 ug/l	109135	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dichloro-2-methyl-propene	124	C4H6Cl2	1000194-02-2	83
2	1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	78
3	2-Bromo-1-(chloromethyl)cyclopro...	168	C4H6BrCl	1000222-15-8	78
4	Thiopropionamide	89	C3H7NS	000631-58-3	27
5	1,3-Butadiene, 2-chloro-	88	C4H5Cl	000126-99-8	25





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Sample : J4939-05
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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260

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

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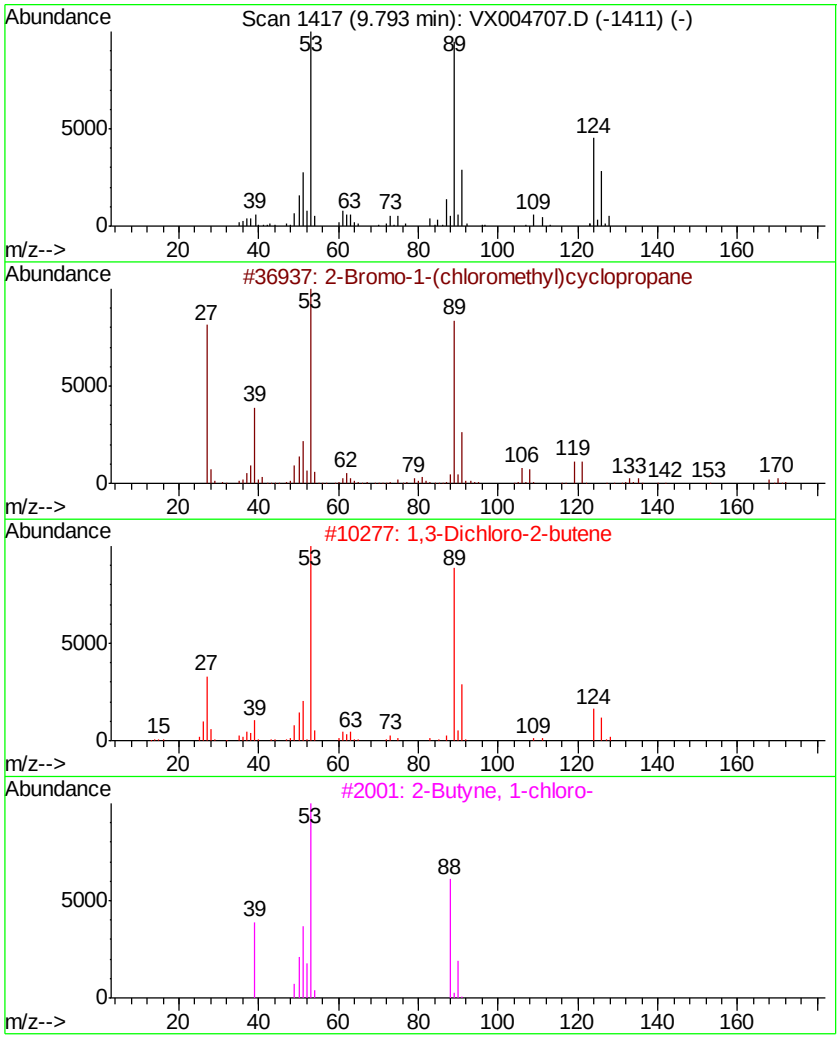
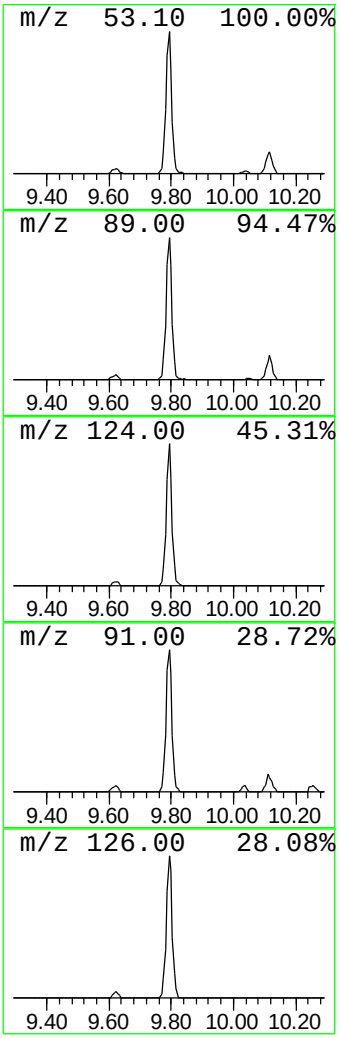
Peak Number 4 2-Bromo-1-(chloromethyl)cyc... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	5.34 ug/l	92035	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo-1-(chloromethyl)cyclopro...	168	C4H6BrCl	1000222-15-8	72
2	1,3-Dichloro-2-butene	124	C4H6Cl2	000926-57-8	64
3	2-Butyne, 1-chloro-	88	C4H5Cl	003355-17-7	35
4	1-Butyne, 3-chloro-	88	C4H5Cl	021020-24-6	35
5	1-Butyne, 3-methyl-	68	C5H8	000598-23-2	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091918\
Data File : VX004707.D
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Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DUP-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.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
Ethane, 1,2-dichl...	2.19	7.3	ug/l	82012	1	5.67	564574	50.0
Amylene hydrate	6.38	12.7	ug/l	191199	2	6.86	751077	50.0
1,3-Dichloro-2-me...	8.04	7.3	ug/l	109135	2	6.86	751077	50.0
2-Bromo-1-(chloro...	9.79	5.3	ug/l	92035	3	10.12	861955	50.0