LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052735.D
Acq On : 7 Dec 2018 18:57
Operator : MD\SY
Sample : J6307-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 002M-35TH-AVE(DEC)

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_N\METHODS\624N112618W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.236	122	144	145	rBV	525219	962794	7.18%	2.982%
2	2.294	148	162	207	rVB	4735130	13415035	100.00%	41.551%
3	2.494	215	224	236	rBV	406093	892692	6.65%	2.765%
4	7.423	1744	1757	1788	rVB	831956	1374111	10.24%	4.256%
5	7.696	1827	1842	1872	rVB	320181	845655	6.30%	2.619%
6	8.381	2041	2055	2078	rVB	313495	715157	5.33%	2.215%
7	8.702	2145	2155	2175	rBV	97621	229193	1.71%	0.710%
8	8.853	2188	2202	2222	rBV	791012	1599378	11.92%	4.954%
9	10.223	2612	2628	2637	rBV	1077140	2017682	15.04%	6.249%
10	10.281	2638	2646	2667	rVV	563995	1138963	8.49%	3.528%
11	10.406	2669	2685	2709	rVB	207169	401543	2.99%	1.244%
12	11.471	3002	3016	3033	rBV	929689	1723597	12.85%	5.339%
13	12.432	3303	3315	3337	rVB	730534	1260777	9.40%	3.905%
14	13.085	3487	3518	3550	rBV6	743362	3932459	29.31%	12.180%
15	13.760	3718	3728	3739	rBV	257467	504158	3.76%	1.562%
16	13.969	3784	3793	3796	rBV2	121541	180963	1.35%	0.561%
17	14.069	3813	3824	3836	rVB	687291	1091555	8.14%	3.381%

Sum of corrected areas: 32285712

LSC Report - Integrated Chromatogram

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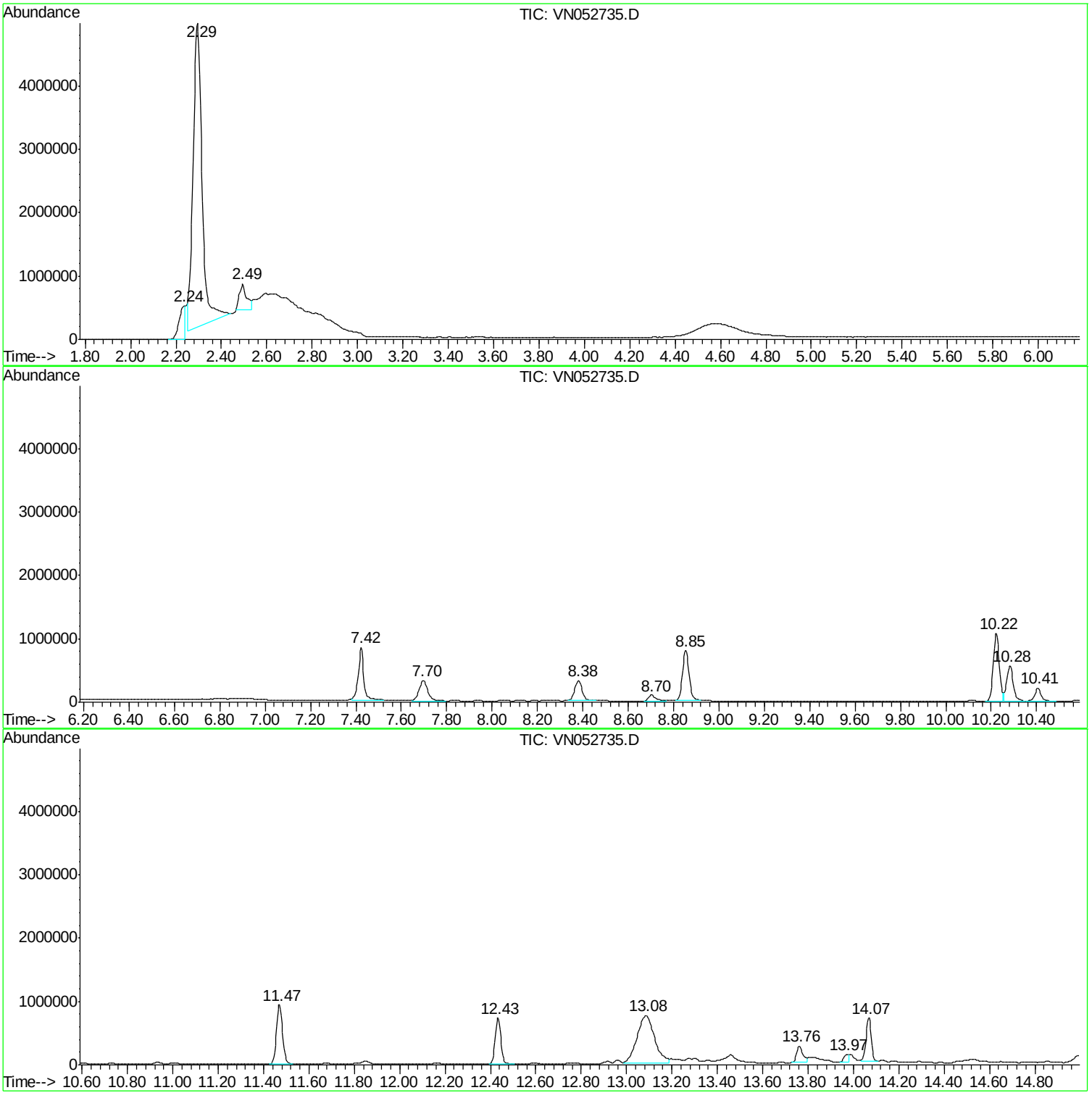
Operator : MD\SY
Sample : J6307-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
002M-35TH-AVE(DEC)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052735.D
Acq On : 7 Dec 2018 18:57
Operator : MD\SY
Sample : J6307-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 002M-35TH-AVE(DEC)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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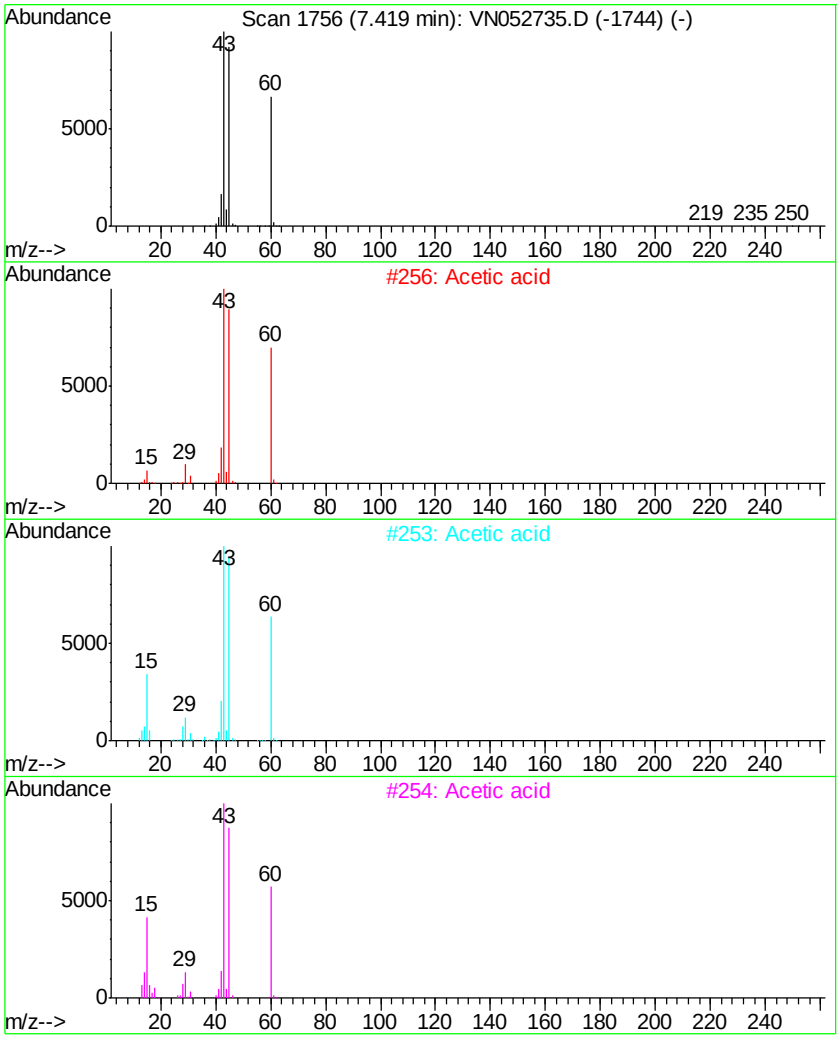
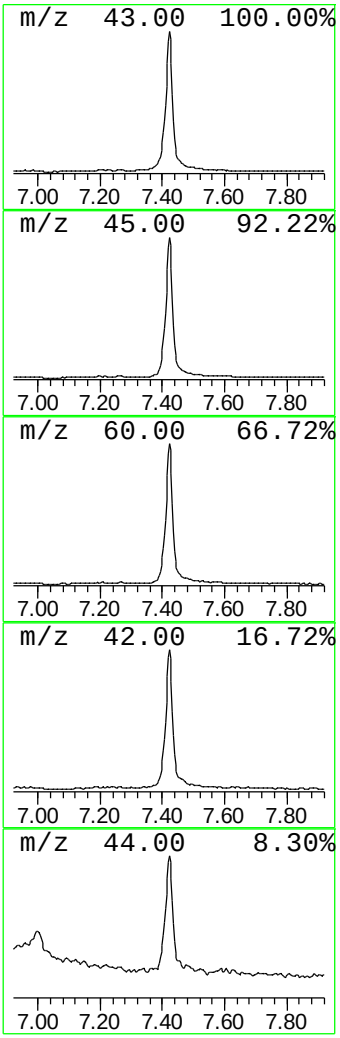
Peak Number 4 Acetic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.42	48.75 ug/l	1374110	Bromochloromethane	7.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid	60	C2H4O2	000064-19-7	91
2	Acetic acid	60	C2H4O2	000064-19-7	90
3	Acetic acid	60	C2H4O2	000064-19-7	90
4	Acetic acid	60	C2H4O2	000064-19-7	83
5	Ammonium acetate	77	C2H7NO2	000631-61-8	64





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120718\
Data File : VN052735.D
Acq On : 7 Dec 2018 18:57
Operator : MD\SY
Sample : J6307-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 002M-35TH-AVE(DEC)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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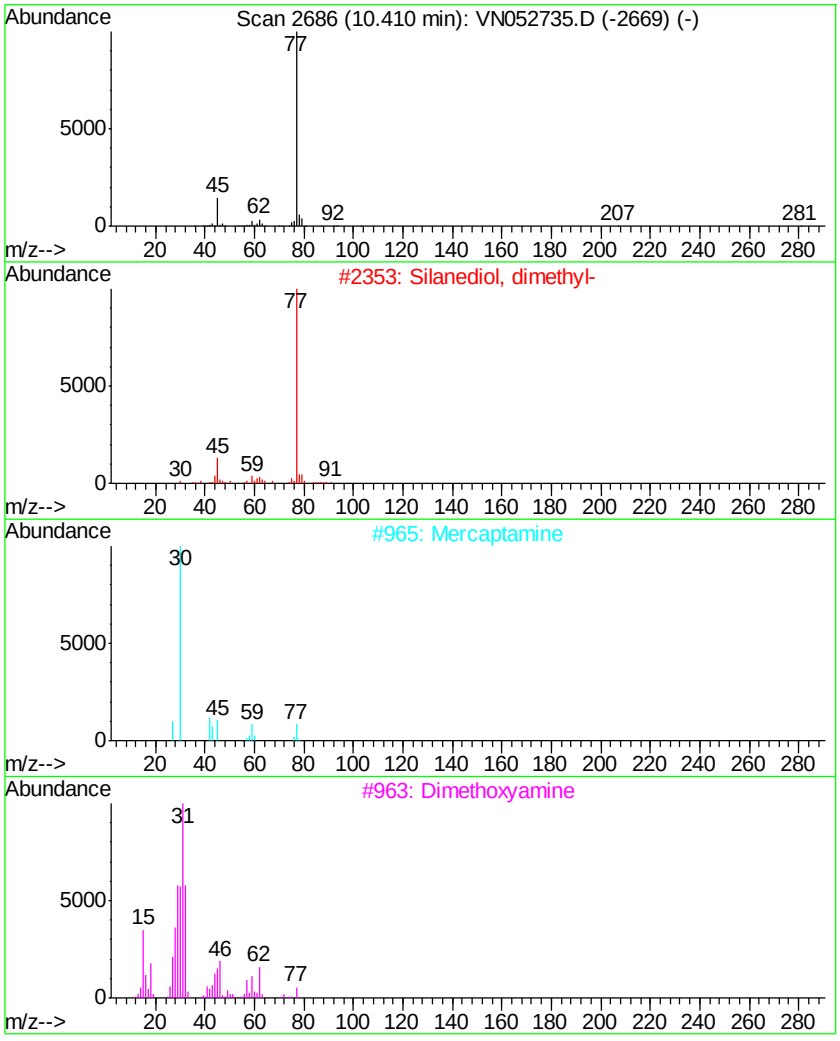
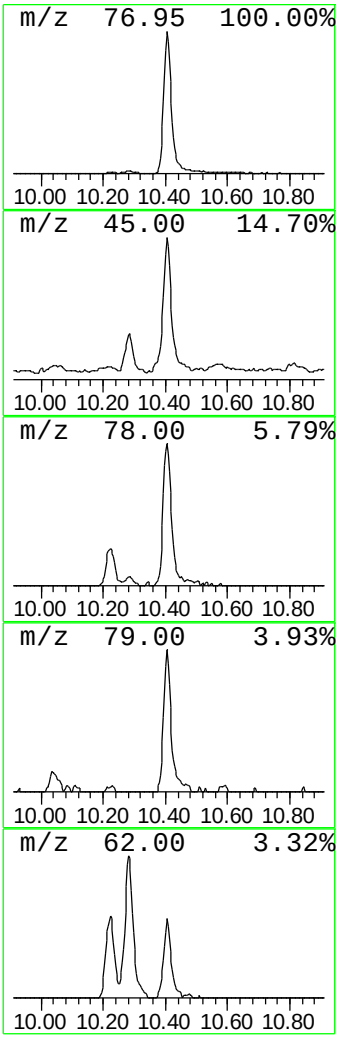
Peak Number 6 unknown10.41 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	6.99 ug/l	401543	Chlorobenzene-d5	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanediol, dimethyl-	92	C2H8O2Si	001066-42-8	43
2	Mercaptamine	77	C2H7NS	000060-23-1	2
3	Dimethoxyamine	77	C2H7NO2	007487-32-3	1
4	1,5-Hexadiene, 3,3,4,4-tetrafluoro-	154	C6H6F4	001763-21-9	1
5	Ethyl fluoroformate	92	C3H5FO2	000461-64-3	1





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Data File : VN052735.D
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Operator : MD\SY
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 002M-35TH-AVE(DEC)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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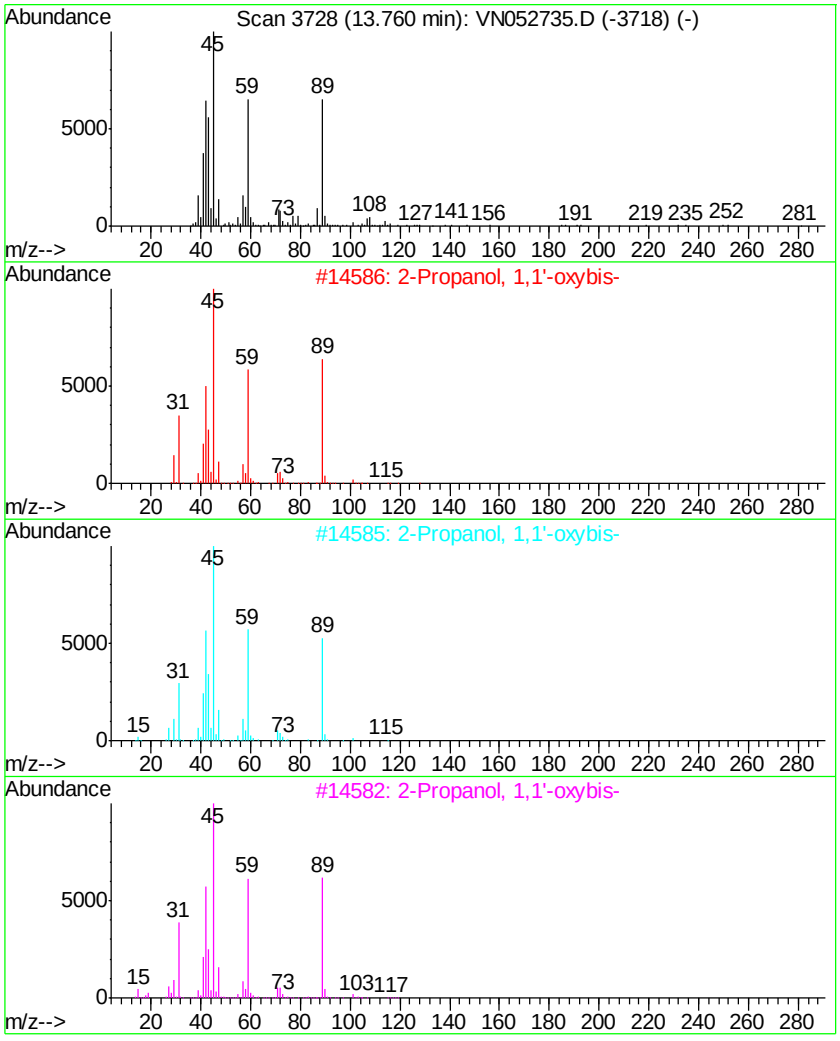
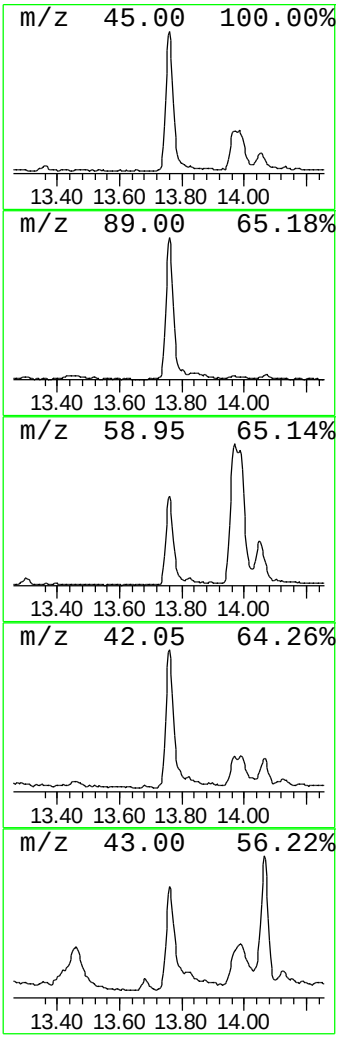
Peak Number 7 2-Propanol, 1,1'-oxybis- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	8.78 ug/l	504158	Chlorobenzene-d5	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	86
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	86
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	86
4	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	43
5	Ethene, (2-methoxyethoxy)-	102	C5H10O2	001663-35-0	43





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Sample : J6307-02
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ALS Vial : 21 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : 002M-35TH-AVE(DEC)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

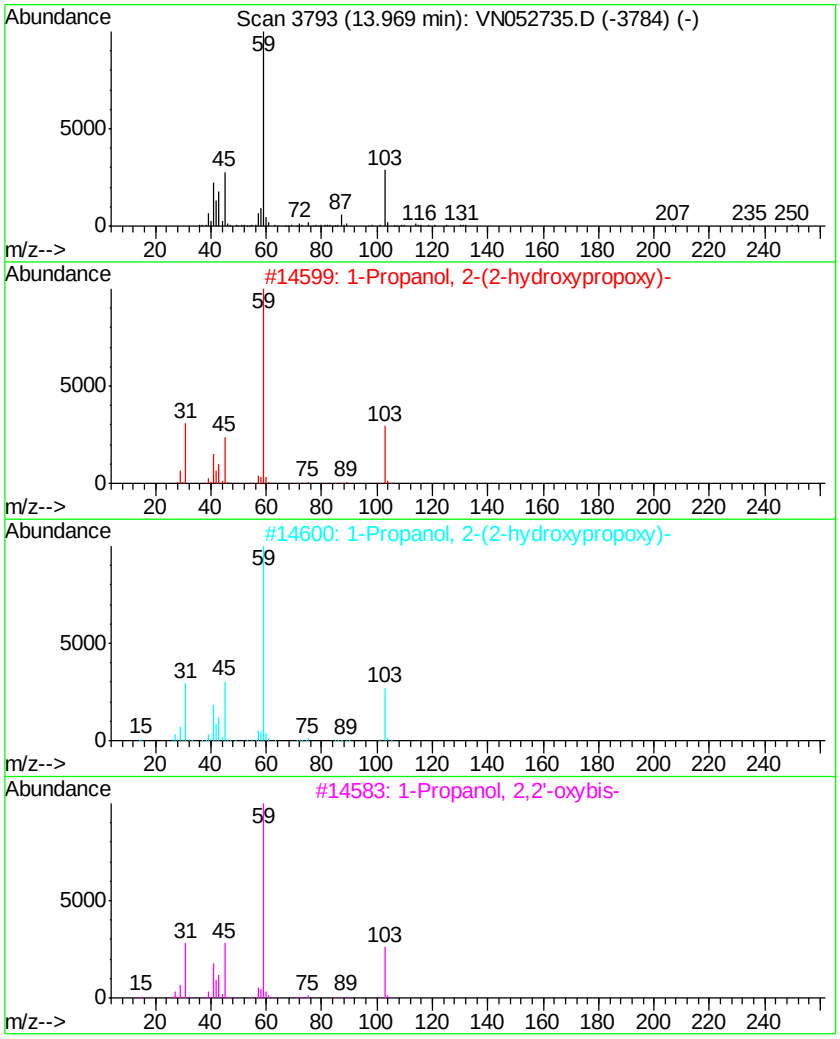
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

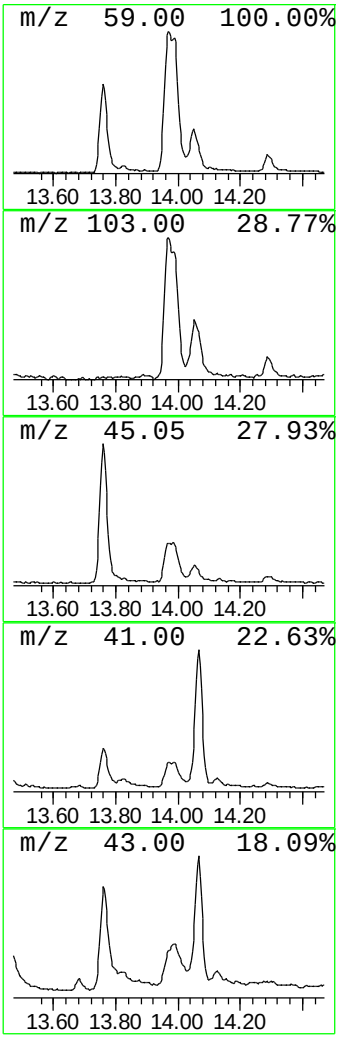
****

Peak Number 8 1-Propanol, 2-(2-hydroxypro... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	3.15 ug/l	180963	Chlorobenzene-d5	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	78
3	1-Propanol, 2,2'-oxybis-	134	C6H14O3	000108-61-2	78
4	Dipropylene glycol	134	C6H14O3	025265-71-8	64
5	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	64





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Instrument : MSVOA_N
ClientSampleId : 002M-35TH-AVE(DEC)

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

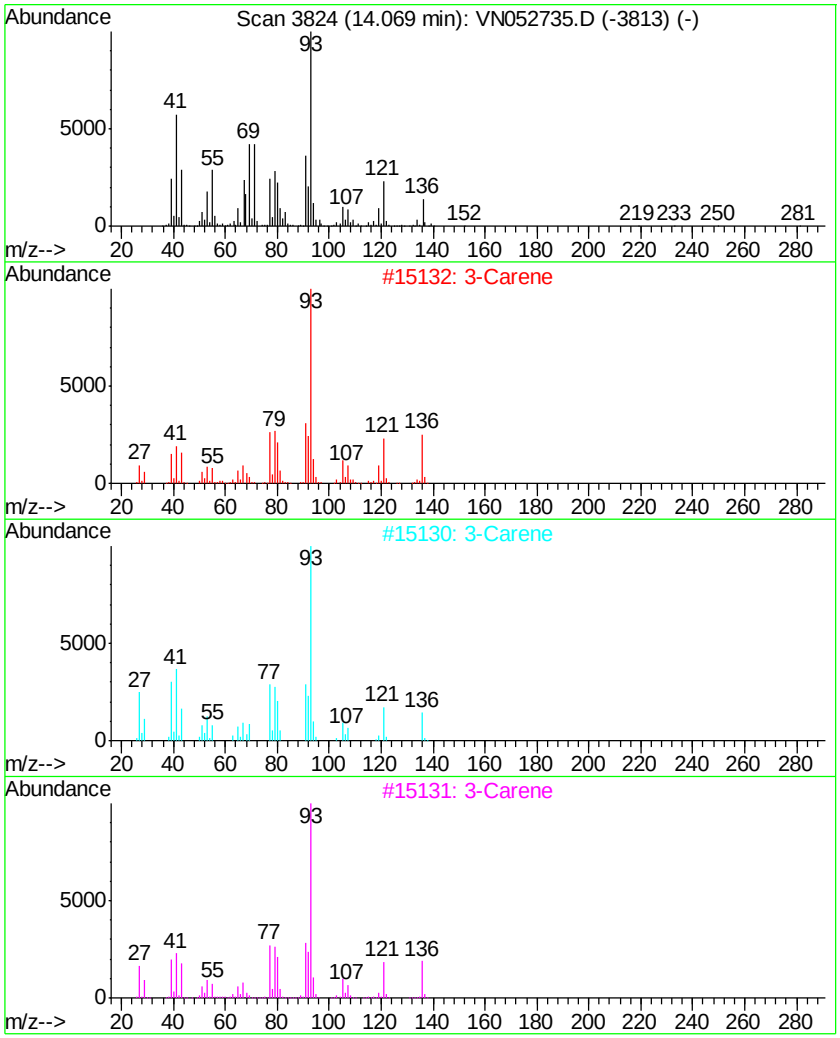
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

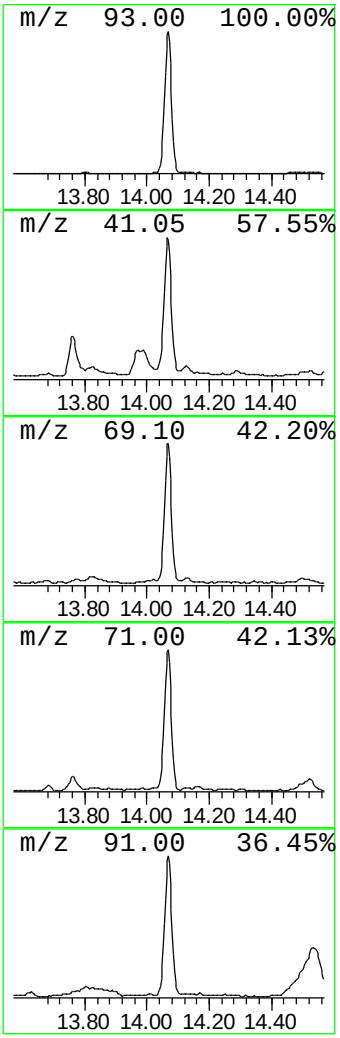
****

Peak Number 9 3-Carene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	19.00 ug/l	1091560	Chlorobenzene-d5	11.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	93
2	3-Carene	136	C10H16	013466-78-9	92
3	3-Carene	136	C10H16	013466-78-9	92
4	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	89
5	3-Carene	136	C10H16	013466-78-9	86





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetic acid	7.42	48.8	ug/l	1374110	1	7.70	845655	30.0
unknown10.41	10.41	7.0	ug/l	401543	3	11.47	1723600	30.0
2-Propanol, 1,1'-...	13.76	8.8	ug/l	504158	3	11.47	1723600	30.0
1-Propanol, 2-(2-...	13.97	3.1	ug/l	180963	3	11.47	1723600	30.0
3-Carene	14.07	19.0	ug/l	1091560	3	11.47	1723600	30.0