LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
Data File : VX038155.D
Acq On : 07 Oct 2023 03:42
Operator : JC/MD
Sample : 04802-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
231005065-01

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_X\Method\624X100623W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VX038155.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.544	70	75	83	rBV	29899	44897	15.37%	2.310%
2	2.380	205	212	216	rBV	92461	154812	52.98%	7.964%
3	2.422	216	219	229	rVB	21164	36136	12.37%	1.859%
4	2.526	229	236	245	rBV2	14529	32219	11.03%	1.657%
5	2.953	297	306	319	rBV	15612	35804	12.25%	1.842%
6	4.550	559	568	587	rBV	93726	271930	93.07%	13.988%
7	4.903	617	626	636	rBV2	22218	67405	23.07%	3.467%
8	5.007	636	643	663	rVB4	10817	38712	13.25%	1.991%
9	5.958	790	799	809	rBV	42581	113455	38.83%	5.836%
10	6.330	856	860	871	rVB5	1452	3498	1.20%	0.180%
11	6.763	922	931	944	rBV2	71701	172729	59.12%	8.885%
12	7.464	1043	1046	1054	rVB3	2867	5757	1.97%	0.296%
13	8.415	1196	1202	1213	rBV3	15656	36681	12.55%	1.887%
14	8.580	1224	1229	1234	rVB4	2076	3892	1.33%	0.200%
15	8.647	1234	1240	1249	rBV	176192	289242	98.99%	14.879%
16	8.720	1249	1252	1260	rVB	8003	13025	4.46%	0.670%
17	8.854	1270	1274	1282	rBV4	3395	6081	2.08%	0.313%
18	10.055	1465	1471	1484	rBV	213144	292189	100.00%	15.031%
19	10.305	1508	1512	1519	rVB2	2238	3195	1.09%	0.164%
20	10.945	1613	1617	1625	rBV5	4097	5925	2.03%	0.305%
21	11.079	1634	1639	1652	rBV	205293	277485	94.97%	14.274%
22	11.664	1731	1735	1741	rBV2	3823	5307	1.82%	0.273%
23	11.975	1780	1786	1788	rBV3	4333	5447	1.86%	0.280%
24	12.012	1788	1792	1804	rVB3	9428	16331	5.59%	0.840%
25	13.335	2005	2009	2015	rBV2	4619	5922	2.03%	0.305%
26	13.512	2034	2038	2043	rVB4	4272	5890	2.02%	0.303%

Sum of corrected areas: 1943966

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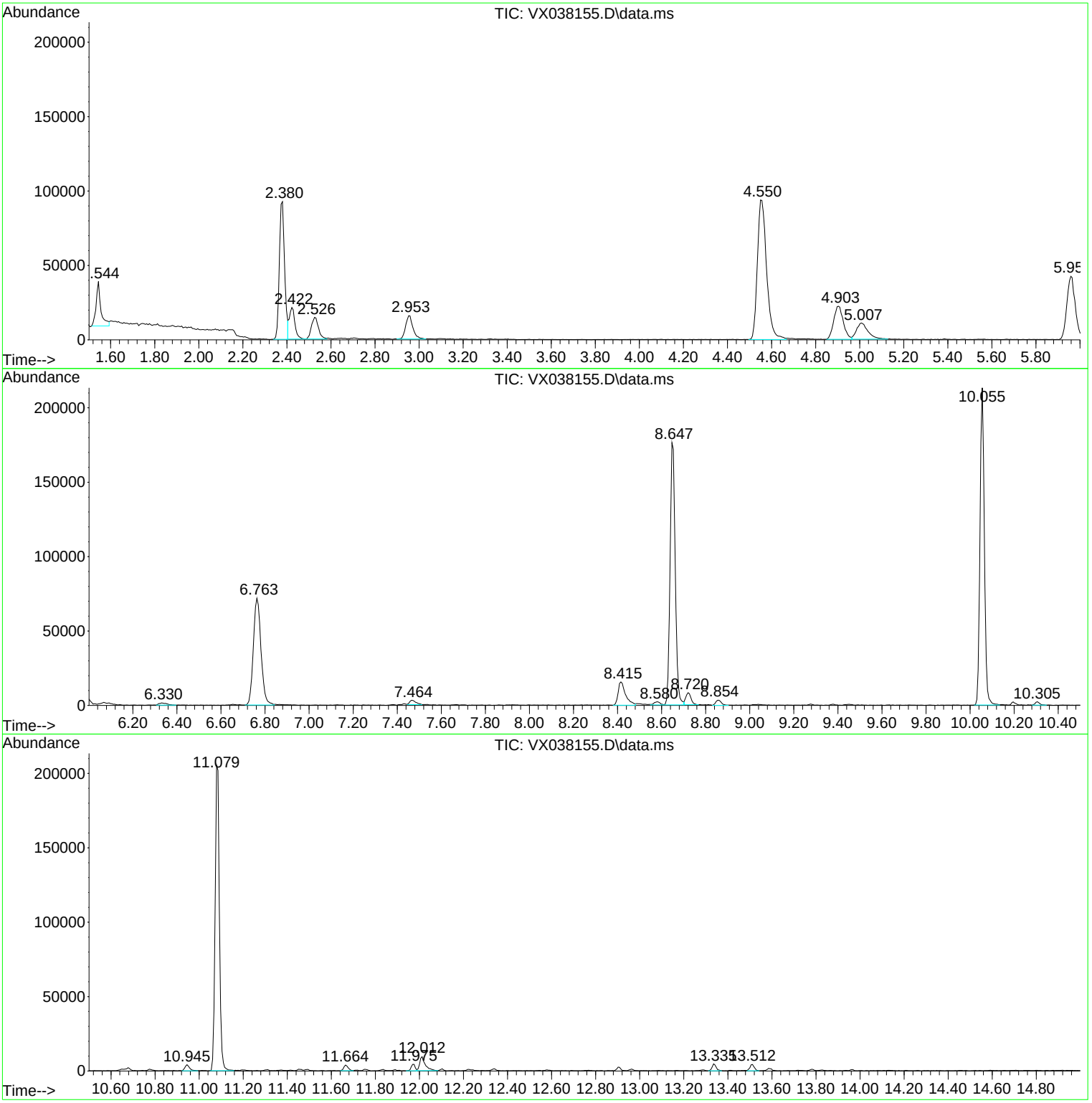
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

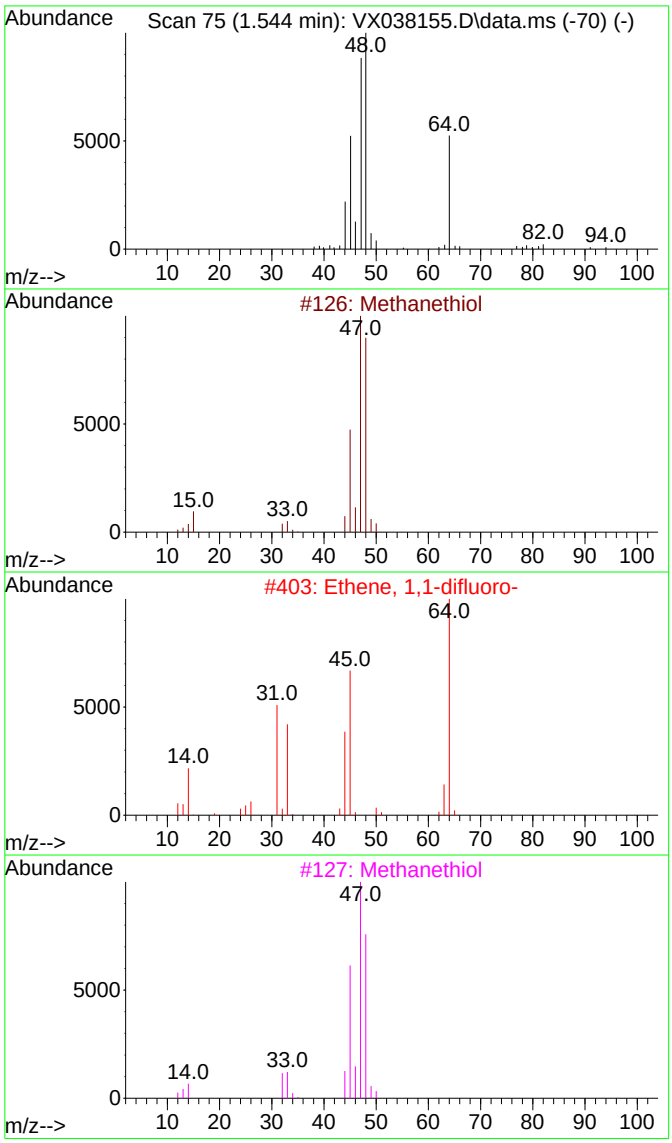
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

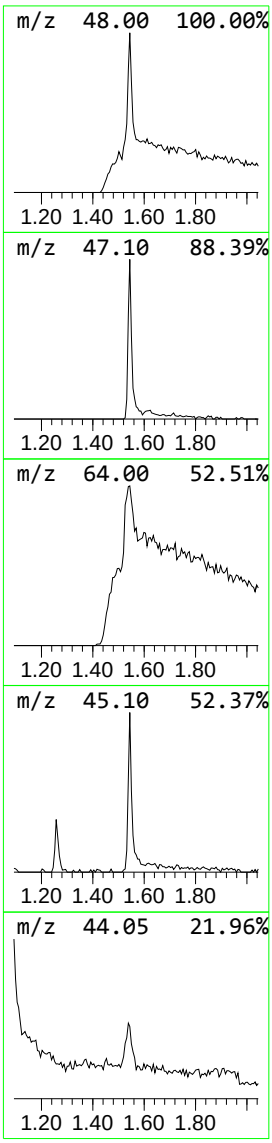
****

Peak Number 1 unknown1.544 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.544	19.98 ug/l	44897	Bromochloromethane	4.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	46
2	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	43
3	Methanethiol	48	CH4S	000074-93-1	43
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	37
5	Tetraborane(10)	54	B4H10	018283-93-7	9





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Instrument :
MSVOA_X
ClientSampleId :
231005065-01

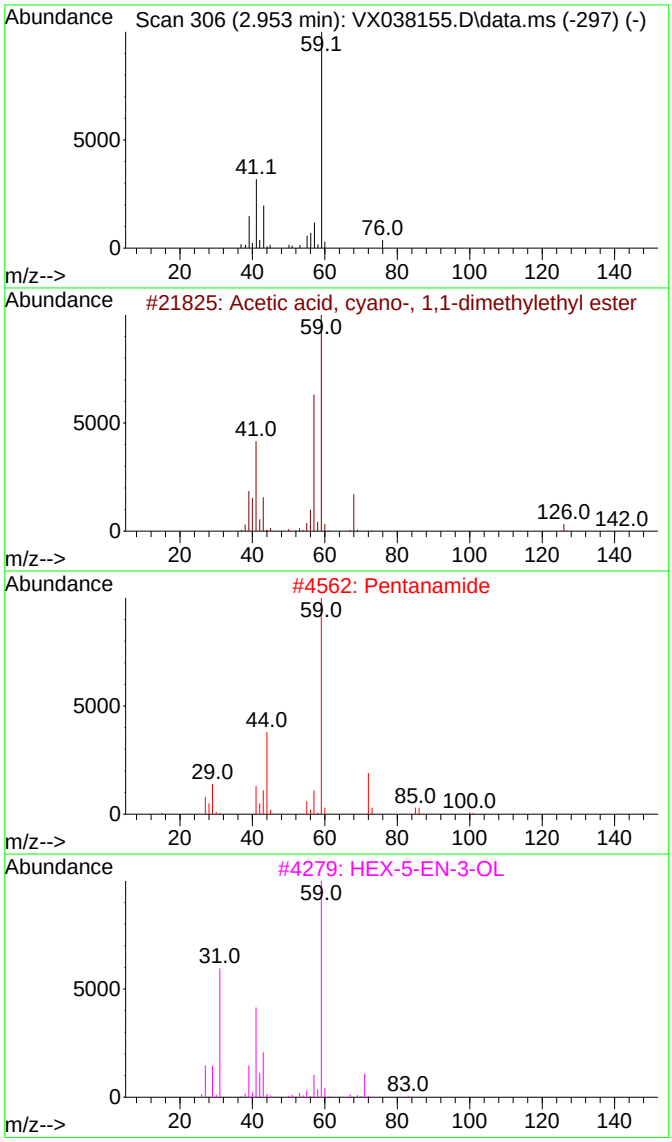
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

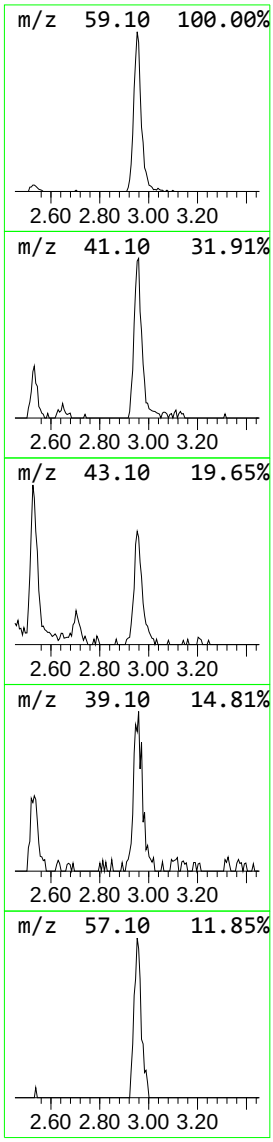
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Acetic acid, cyano-, 1,1-di... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.953	15.94 ug/l	35804	Bromochloromethane	4.903

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	50
2	Pentanamide	101	C5H11NO	000626-97-1	50
3	HEX-5-EN-3-OL	100	C6H12O	000688-99-3	50
4	5-Hexyn-3-ol	98	C6H10O	019780-84-8	39
5	3-Hexanol	102	C6H14O	000623-37-0	9





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Instrument :
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ClientSampleId :
231005065-01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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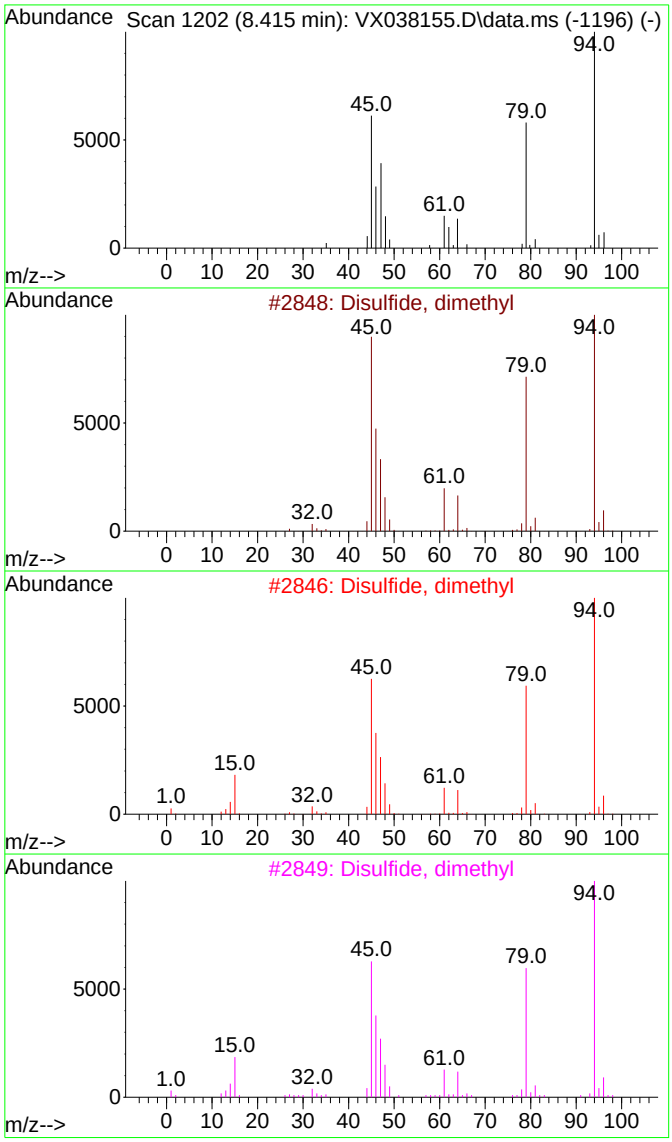
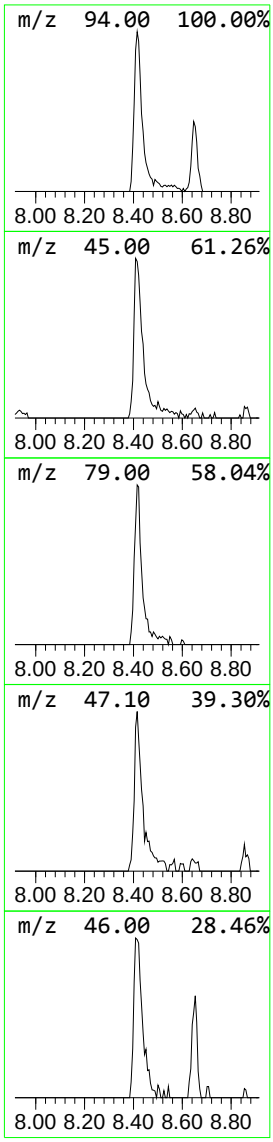
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Disulfide, dimethyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.415	3.77 ug/l	36681	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	89
2	Disulfide, dimethyl	94	C2H6S2	000624-92-0	81
3	Disulfide, dimethyl	94	C2H6S2	000624-92-0	81
4	Disulfide, dimethyl	94	C2H6S2	000624-92-0	81
5	Disulfide, dimethyl	94	C2H6S2	000624-92-0	76





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown1.544	1.544	20.0	ug/l	44897	1	4.903	67405	30.0
Acetic acid, cy...	2.953	15.9	ug/l	35804	1	4.903	67405	30.0
Disulfide, dime...	8.415	3.8	ug/l	36681	3	10.055	292189	30.0