LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111819\
Data File : VU035744.D
Acq On : 18 Nov 2019 15:06
Operator : JC/SP
Sample : K5911-13
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQL6

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_U\METHOD\SOMUTR110419WMA.M
Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.498	40	49	55	rBV2	45893	59728	2.09%	0.167%
2	1.536	55	61	71	rVB	158946	169664	5.95%	0.474%
3	1.617	78	86	98	rBV	136333	153834	5.39%	0.430%
4	1.874	158	166	176	rVV	131553	176471	6.19%	0.493%
5	1.932	176	184	204	rVB	124247	171673	6.02%	0.480%
6	2.160	245	255	273	rVB	417158	601483	21.09%	1.682%
7	2.600	379	392	404	rBV3	344379	684303	24.00%	1.913%
8	2.668	404	413	433	rVB	186569	323329	11.34%	0.904%
9	2.822	450	461	478	rBV	271648	453482	15.90%	1.268%
10	3.083	530	542	562	rVB	119102	227388	7.97%	0.636%
11	3.231	575	588	603	rVB2	24944	55386	1.94%	0.155%
12	3.424	630	648	670	rBV	353257	819867	28.75%	2.292%
13	3.919	785	802	829	rBV	296660	712164	24.97%	1.991%
14	4.700	1028	1045	1057	rBV	174433	421579	14.78%	1.179%
15	4.777	1057	1069	1103	rVB	366381	848720	29.76%	2.373%
16	5.115	1159	1174	1202	rVB3	177961	479344	16.81%	1.340%
17	5.362	1233	1251	1261	rBV	391752	885195	31.04%	2.475%
18	5.430	1261	1272	1303	rVB2	747635	1670414	58.57%	4.670%
19	5.771	1357	1378	1390	rBV2	400752	990923	34.75%	2.770%
20	5.841	1390	1400	1426	rVB	201897	419487	14.71%	1.173%
21	6.292	1526	1540	1560	rBV	257166	485509	17.02%	1.357%
22	6.581	1615	1630	1646	rBV2	334341	640104	22.45%	1.790%
23	6.735	1663	1678	1687	rBV	243033	469096	16.45%	1.311%
24	6.800	1687	1698	1724	rVB2	542775	1282230	44.96%	3.585%
25	7.603	1934	1948	1970	rBV	115257	206175	7.23%	0.576%
26	7.935	2035	2051	2061	rBV	426866	744099	26.09%	2.080%
27	8.005	2061	2073	2100	rVB	1019532	1777269	62.32%	4.969%
28	8.214	2127	2138	2156	rVB	74532	130608	4.58%	0.365%
29	8.584	2239	2253	2270	rBV	698708	1193006	41.83%	3.335%
30	8.677	2271	2282	2290	rVV	410286	774221	27.15%	2.164%
31	8.729	2290	2298	2349	rVB	590230	1431316	50.19%	4.002%
32	8.957	2357	2369	2403	rVB	350183	638300	22.38%	1.784%
33	9.478	2508	2531	2547	rBV2	1099254	2549762	89.41%	7.128%
34	9.565	2548	2558	2562	rVV	420750	676066	23.71%	1.890%

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Integration Parameters: rteint.p
Integrator: RTE
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Start Thrs: 0.1 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_U\METHOD\SOMUTR110419WMA.M
Title : TRACE VOA SOM01.0

35	9.600	2563	2569	2595	rVV	839863	1420459	49.81%	3.971%
36	9.726	2595	2608	2652	rVB	1636833	2851792	100.00%	7.973%
37	10.137	2717	2736	2773	rBV3	908585	2051251	71.93%	5.735%
38	10.320	2780	2793	2809	rBV	125360	224037	7.86%	0.626%
39	10.510	2839	2852	2881	rBV	423022	721871	25.31%	2.018%
40	10.787	2924	2938	2960	rBV	195063	338728	11.88%	0.947%
41	11.860	3253	3272	3292	rBV3	390020	1190034	41.73%	3.327%
42	12.237	3370	3389	3407	rBV2	1076361	2366430	82.98%	6.616%
43	12.915	3589	3600	3611	rBV4	52548	84948	2.98%	0.237%
44	13.024	3623	3634	3646	rVB2	35709	61773	2.17%	0.173%
45	13.243	3690	3702	3716	rBV	331539	540600	18.96%	1.511%
46	14.352	4034	4047	4061	rBV	372829	595338	20.88%	1.664%

Sum of corrected areas: 35769456

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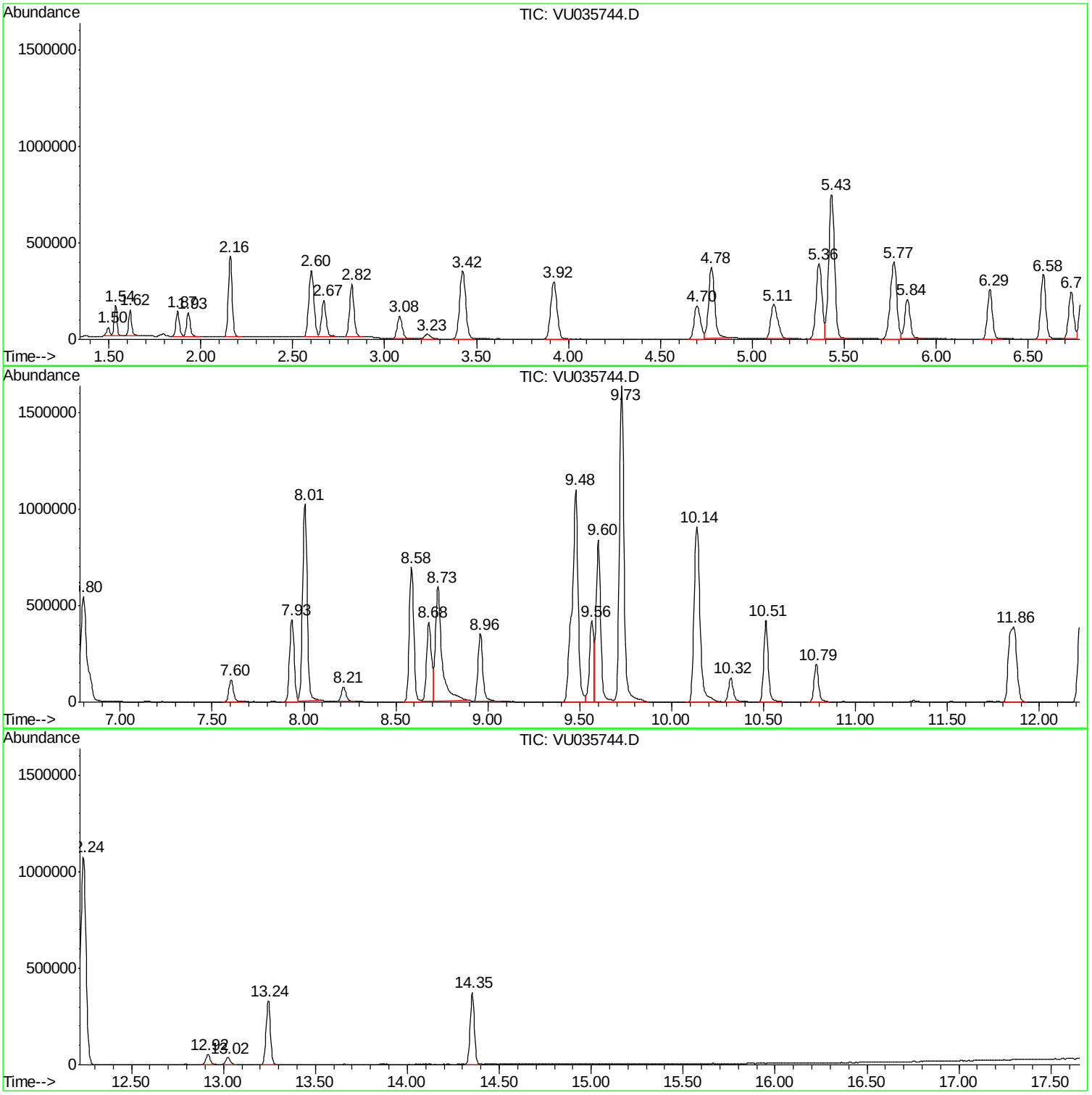
ClientSampleId : GAQL6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

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



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

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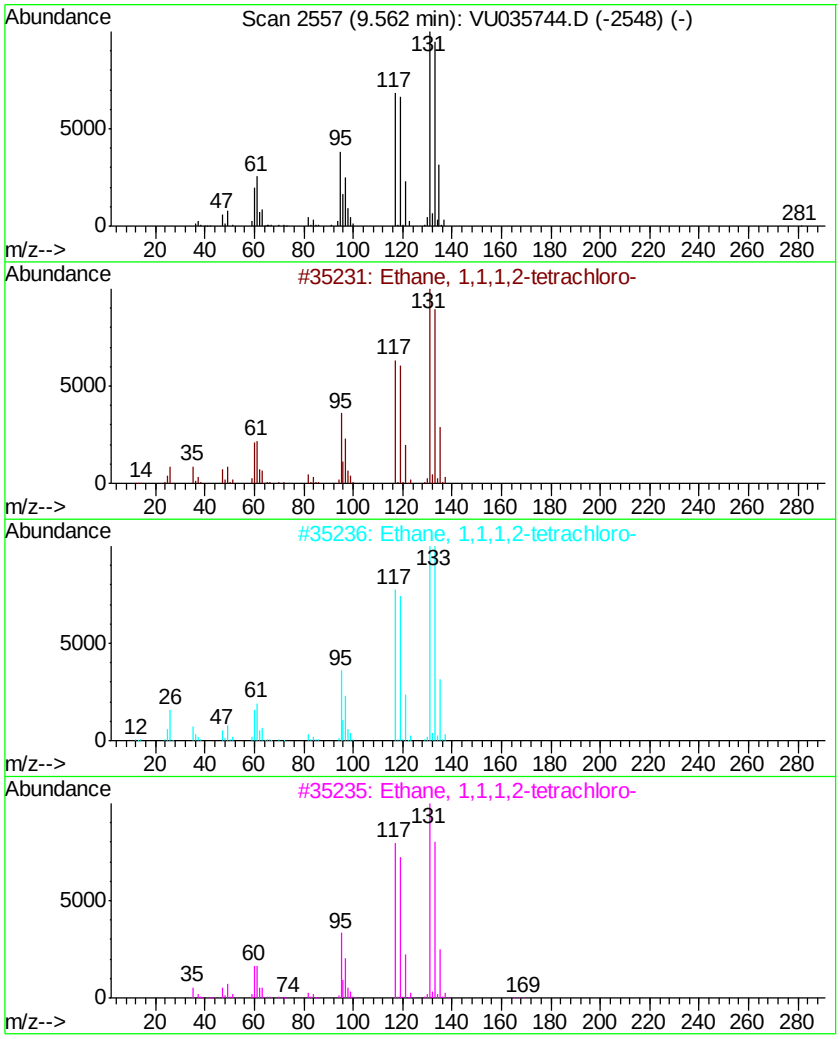
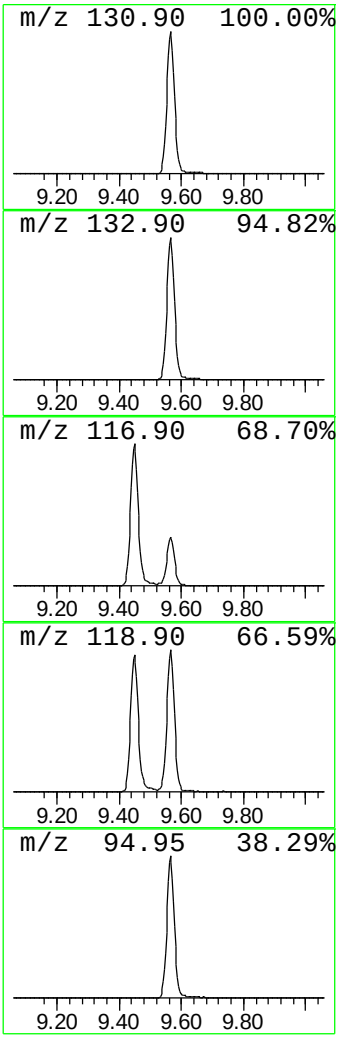
Peak Number 3 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	1.33 ug/L	676066	Chlorobenzene-d5	9.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	91
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	72
5	Trichloroacetyl chloride	180	C2Cl4O	000076-02-8	11





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Instrument : MSVOA_U
ClientSampleId : GAQL6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

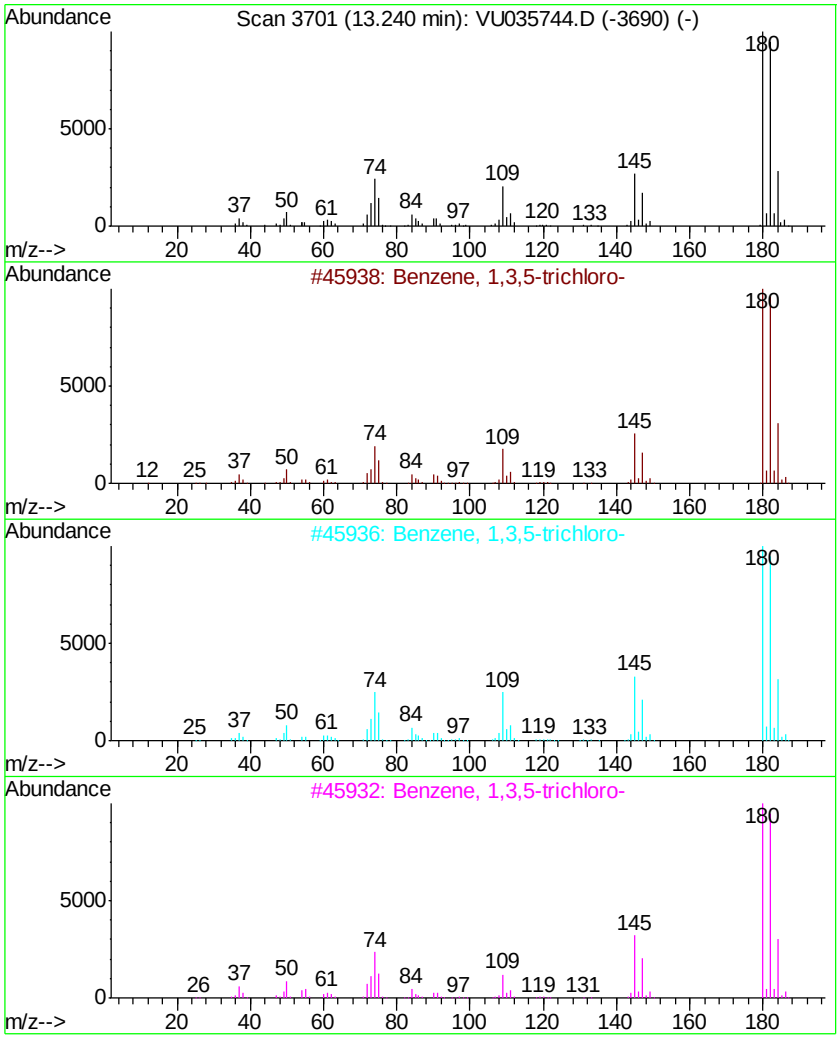
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

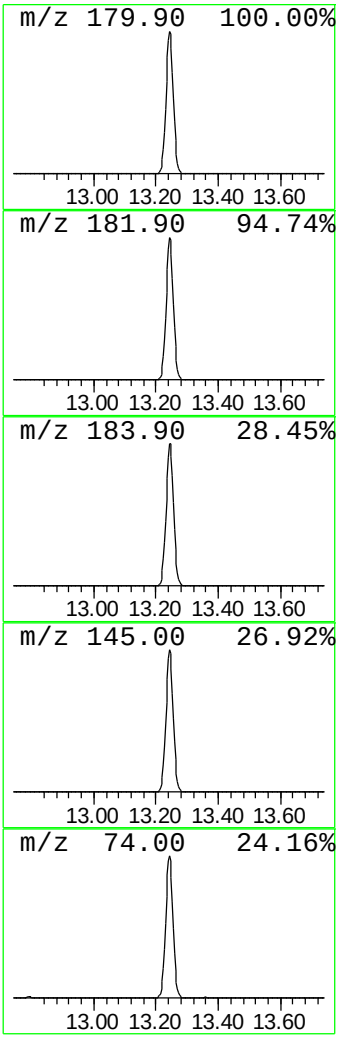
****

Peak Number 4 Benzene, 1,3,5-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	2.27 ug/L	540600	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	97





Library Search Compound Report

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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQL6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0

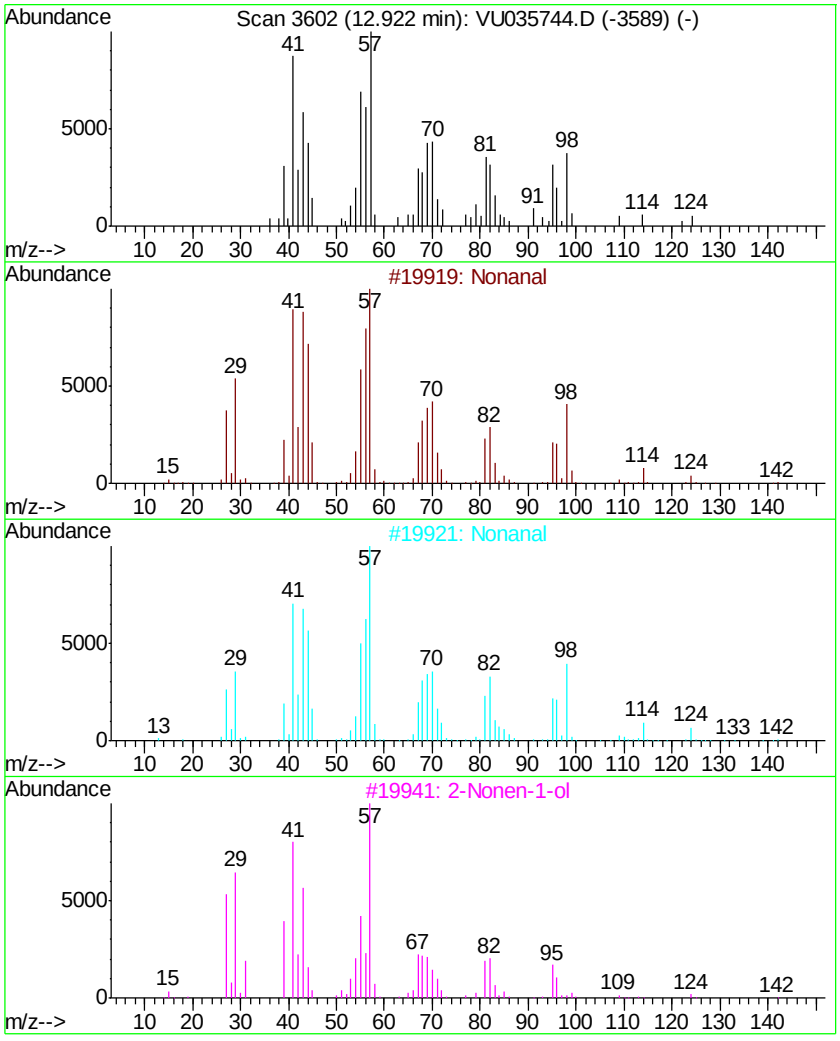
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

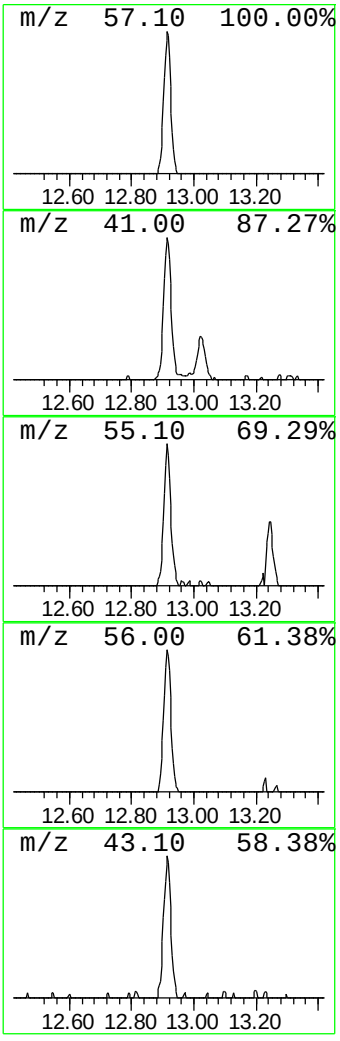
****

Peak Number 5 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	0.36 ug/L	84948	1,4-Dichlorobenzene-d4	11.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	78
2	Nonanal	142	C9H18O	000124-19-6	78
3	2-Nonen-1-ol	142	C9H18O	022104-79-6	38
4	2-Nonen-1-ol, (E)-	142	C9H18O	031502-14-4	35
5	2-Nonen-1-ol, (Z)-	142	C9H18O	041453-56-9	35





Tentatively Identified Compound (LSC) summary

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Quant Title : TRACE VOA SOM01.0

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethane, 1,1,1,2-t...	9.56	1.3	ug/L	676066	2	9.45	2549760	5.0
Benzene, 1,3,5-tr...	13.24	2.3	ug/L	540600	3	11.84	1190030	5.0
Nonanal	12.92	0.4	ug/L	84948	3	11.84	1190030	5.0