LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102523\
Data File : VV032625.D
Acq On : 25 Oct 2023 12:03
Operator : SY/MD
Sample : 04950-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A48Z5

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_V\Method\SFAMVTR092923WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV032625.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.217	48	55	65	rBV	19127	23158	5.84%	0.641%
2	1.278	65	74	85	rVV	53937	57999	14.61%	1.606%
3	1.532	145	153	168	rVB	53371	64333	16.21%	1.782%
4	2.060	306	317	328	rBV	82505	120502	30.36%	3.338%
5	2.127	328	338	349	rBV	44357	88619	22.33%	2.455%
6	2.516	451	459	469	rBV7	2494	4974	1.25%	0.138%
7	3.638	793	808	815	rBV10	4039	10443	2.63%	0.289%
8	3.802	847	859	880	rBV2	42888	132897	33.49%	3.681%
9	4.253	983	999	1021	rBV	55953	147303	37.12%	4.080%
10	4.365	1021	1034	1049	rVB4	8313	22359	5.63%	0.619%
11	4.960	1202	1219	1238	rBV2	131781	344540	86.81%	9.543%
12	5.535	1387	1398	1414	rBV	106929	231132	58.24%	6.402%
13	5.609	1417	1421	1434	rVB5	8893	18394	4.63%	0.509%
14	5.992	1526	1540	1554	rBV2	80995	171399	43.19%	4.747%
15	6.224	1602	1612	1630	rBV4	9453	22358	5.63%	0.619%
16	6.918	1813	1828	1843	rBV2	36251	74473	18.76%	2.063%
17	7.172	1900	1907	1918	rBV4	4787	8631	2.17%	0.239%
18	7.246	1919	1930	1949	rBV	157374	300848	75.80%	8.333%
19	7.320	1949	1953	1964	rVB2	10604	19551	4.93%	0.542%
20	7.558	2018	2027	2051	rBV2	22340	47650	12.01%	1.320%
21	8.031	2163	2174	2209	rBV	191748	396875	100.00%	10.992%
22	8.178	2211	2220	2239	rVV2	49521	94445	23.80%	2.616%
23	8.789	2398	2410	2433	rBV	180518	321625	81.04%	8.908%
24	9.082	2493	2501	2515	rVB2	7159	13492	3.40%	0.374%
25	9.484	2618	2626	2635	rBV5	4701	8762	2.21%	0.243%
26	9.654	2672	2679	2691	rBV3	7582	14117	3.56%	0.391%
27	9.754	2703	2710	2724	rVB5	12658	20838	5.25%	0.577%
28	9.969	2767	2777	2785	rBV7	4048	7731	1.95%	0.214%
29	10.156	2826	2835	2851	rVB	65420	106512	26.84%	2.950%
30	10.860	3047	3054	3059	rVV6	3111	4754	1.20%	0.132%
31	11.098	3118	3128	3144	rBV6	14542	27638	6.96%	0.765%
32	11.188	3145	3156	3176	rVV	194012	308510	77.73%	8.545%
33	11.493	3238	3251	3263	rBV4	12824	30087	7.58%	0.833%
34	11.564	3263	3273	3289	rVB	173137	273576	68.93%	7.577%
35	11.947	3384	3392	3393	rBV3	4418	4082	1.03%	0.113%
36	12.291	3490	3499	3514	rVB3	41733	65850	16.59%	1.824%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Title : TRACE VOA SFAM1.0

Sum of corrected areas: 3610457

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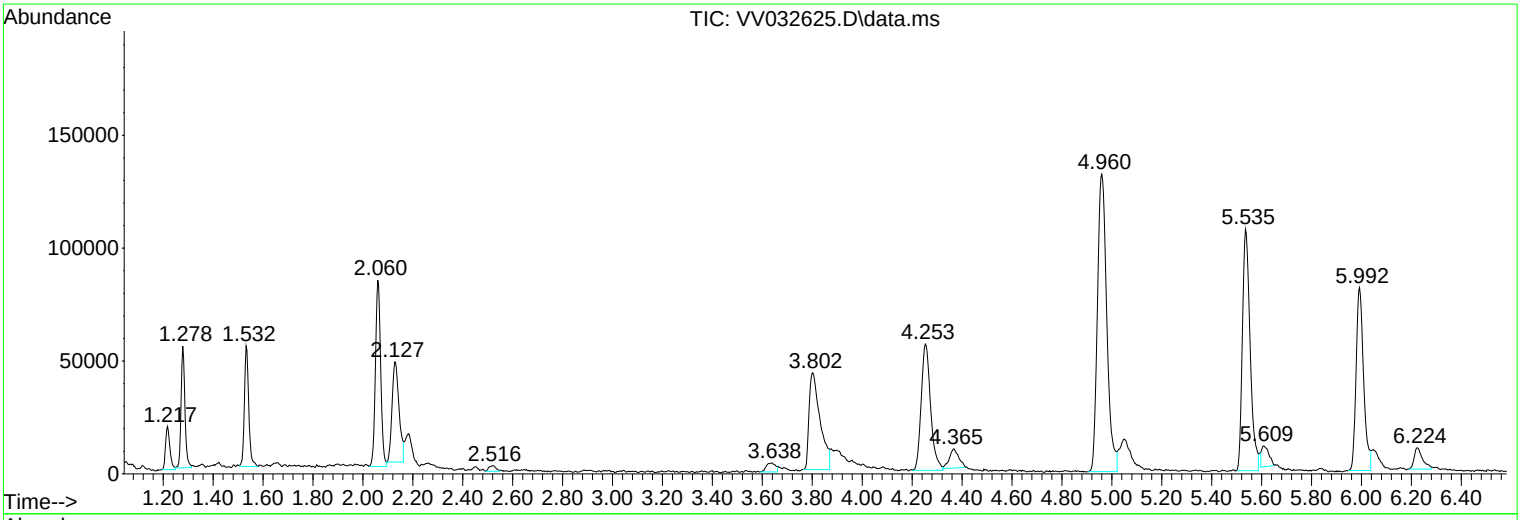
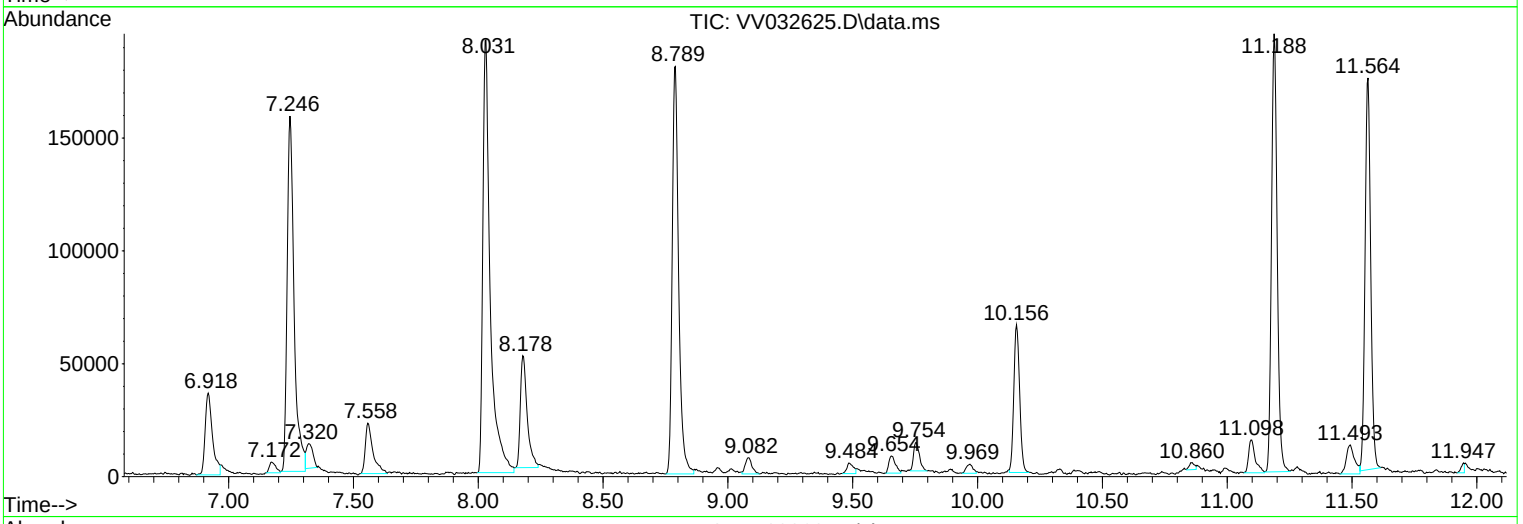
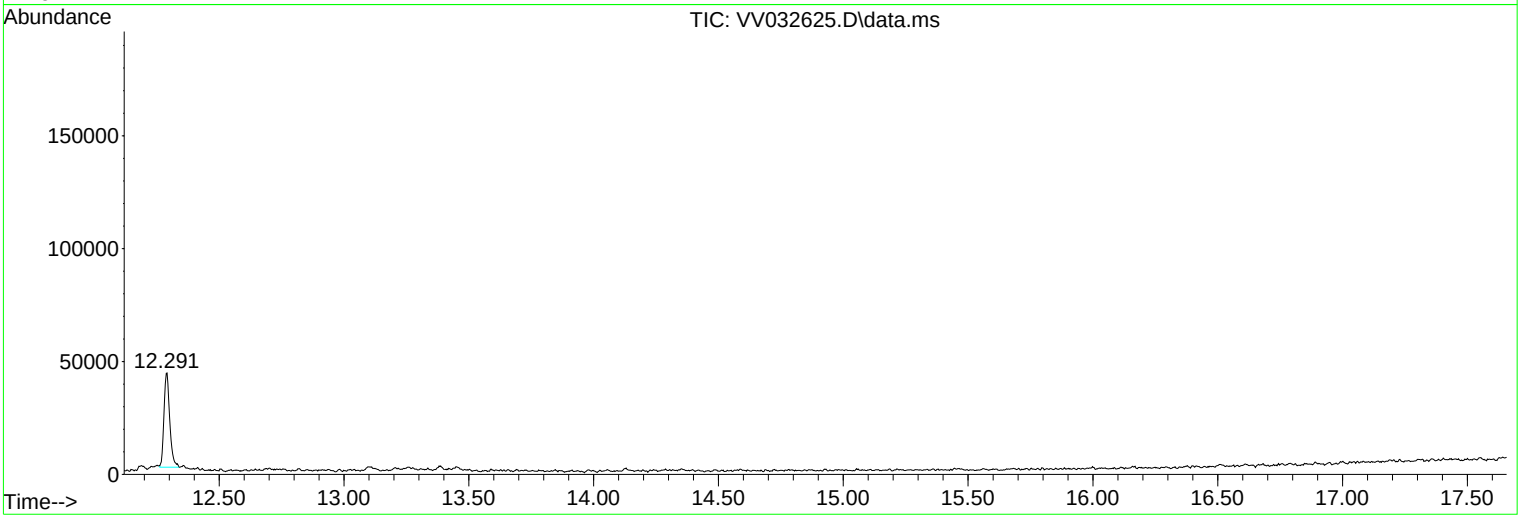
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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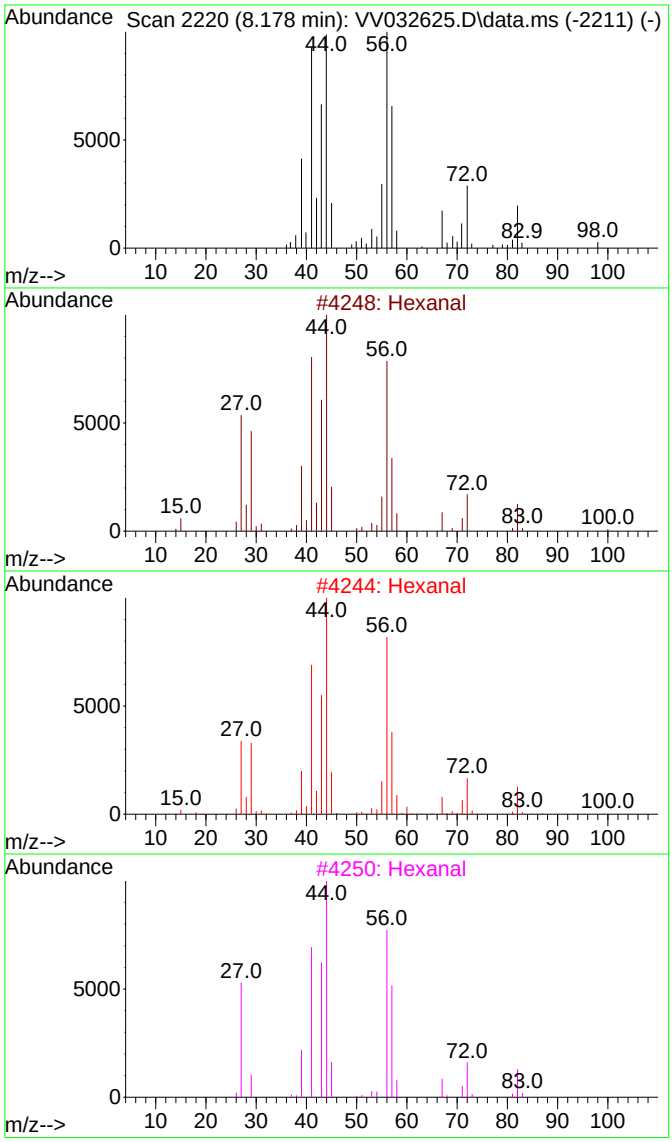
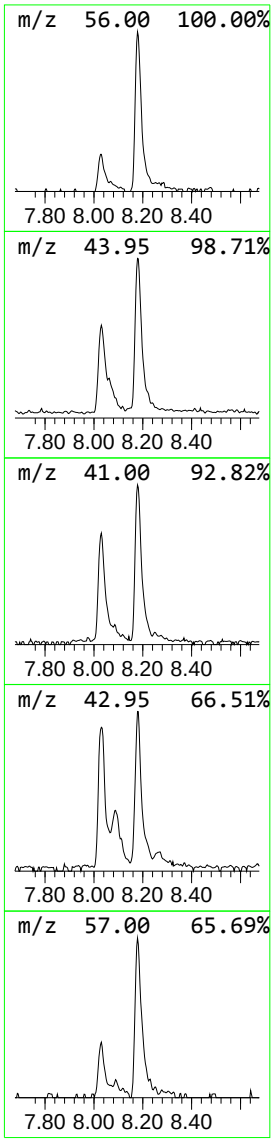
Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.178	1.47 ug/L	94445	Chlorobenzene-d5	8.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	59
2	Hexanal	100	C6H12O	000066-25-1	59
3	Hexanal	100	C6H12O	000066-25-1	53
4	Butanal	72	C4H8O	000123-72-8	30
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	30





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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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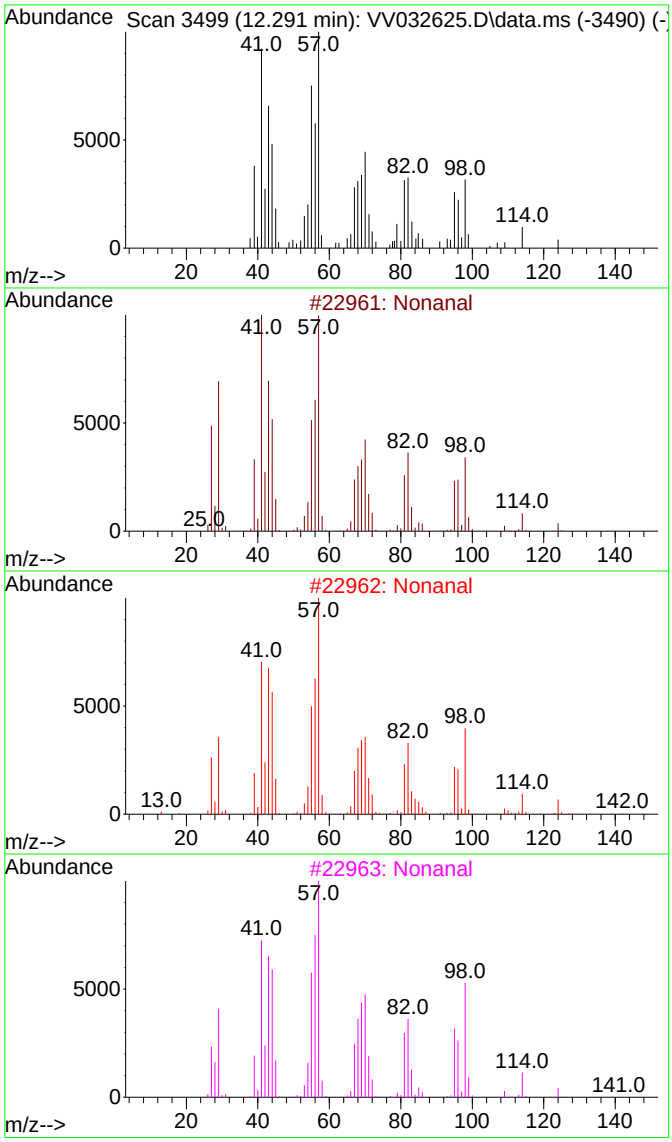
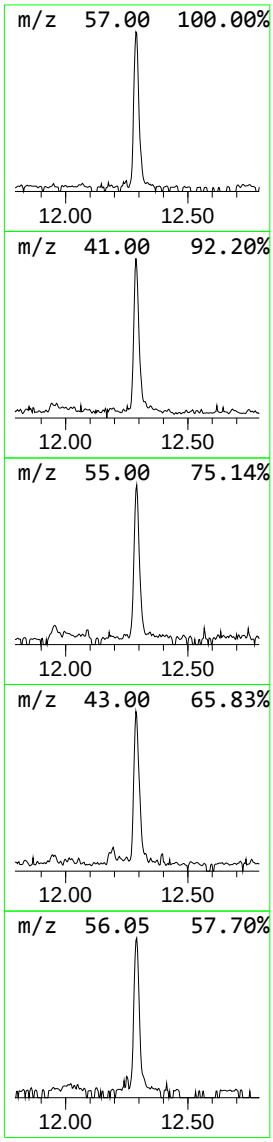
Peak Number 3 Nonanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.291	1.07 ug/L	65850	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	80
3	Nonanal	142	C9H18O	000124-19-6	80
4	Nonanal	142	C9H18O	000124-19-6	78
5	Cyanoacetic acid, heptyl ester	183	C10H17NO2	1000406-22-4	27





Tentatively Identified Compound (LSC) summary

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A48Z5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexanal	8.178	1.5	ug/L	94445	2	8.789	321625	5.0
Nonanal	12.291	1.1	ug/L	65850	3	11.188	308510	5.0