LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122922\
Data File : VU052610.D
Acq On : 29 Dec 2022 17:28
Operator : JC/MD
Sample : N6171-18 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD4

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\SFAMUTR122022WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU052610.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.491	40	47	65	rBV	150577	164108	13.89%	2.070%
2	1.600	71	81	96	rVB	119624	144505	12.23%	1.823%
3	1.916	170	179	193	rBV	102855	138225	11.70%	1.744%
4	2.568	370	382	399	rVB	193864	315356	26.69%	3.978%
5	3.047	516	531	546	rVB2	10978	20244	1.71%	0.255%
6	4.658	1012	1032	1075	rBV2	84157	465653	39.41%	5.874%
7	5.060	1141	1157	1177	rBV	159637	354218	29.98%	4.468%
8	5.722	1342	1363	1397	rBV2	333355	924987	78.29%	11.668%
9	6.247	1510	1526	1555	rBV	245297	466129	39.45%	5.880%
10	6.687	1648	1663	1689	rBV	217749	428371	36.26%	5.404%
11	7.562	1923	1935	1955	rBV	92751	165052	13.97%	2.082%
12	7.896	2023	2039	2054	rBV	358640	625680	52.96%	7.892%
13	8.176	2111	2126	2140	rBV2	60708	104056	8.81%	1.313%
14	8.636	2255	2269	2302	rBV2	569855	1181526	100.00%	14.904%
15	8.783	2305	2315	2340	rVB2	61442	114345	9.68%	1.442%
16	9.414	2497	2511	2528	rBV	350658	585641	49.57%	7.387%
17	10.340	2791	2799	2816	rVB7	15048	25509	2.16%	0.322%
18	10.751	2916	2927	2941	rVB	171339	277486	23.49%	3.500%
19	11.684	3207	3217	3232	rBV2	47536	74178	6.28%	0.936%
20	11.806	3243	3255	3271	rBV	352057	565390	47.85%	7.132%
21	11.893	3275	3282	3294	rVB2	11722	18270	1.55%	0.230%
22	12.188	3361	3374	3392	rBV	355985	579564	49.05%	7.311%
23	12.677	3516	3526	3539	rBV3	26830	44141	3.74%	0.557%
24	12.880	3579	3589	3605	rBV2	56020	88057	7.45%	1.111%
25	13.449	3758	3766	3774	rBV6	9129	13297	1.13%	0.168%
26	13.979	3923	3931	3942	rVB5	11477	16361	1.38%	0.206%
27	15.404	4364	4374	4387	rBV2	15950	27307	2.31%	0.344%

Sum of corrected areas: 7927656

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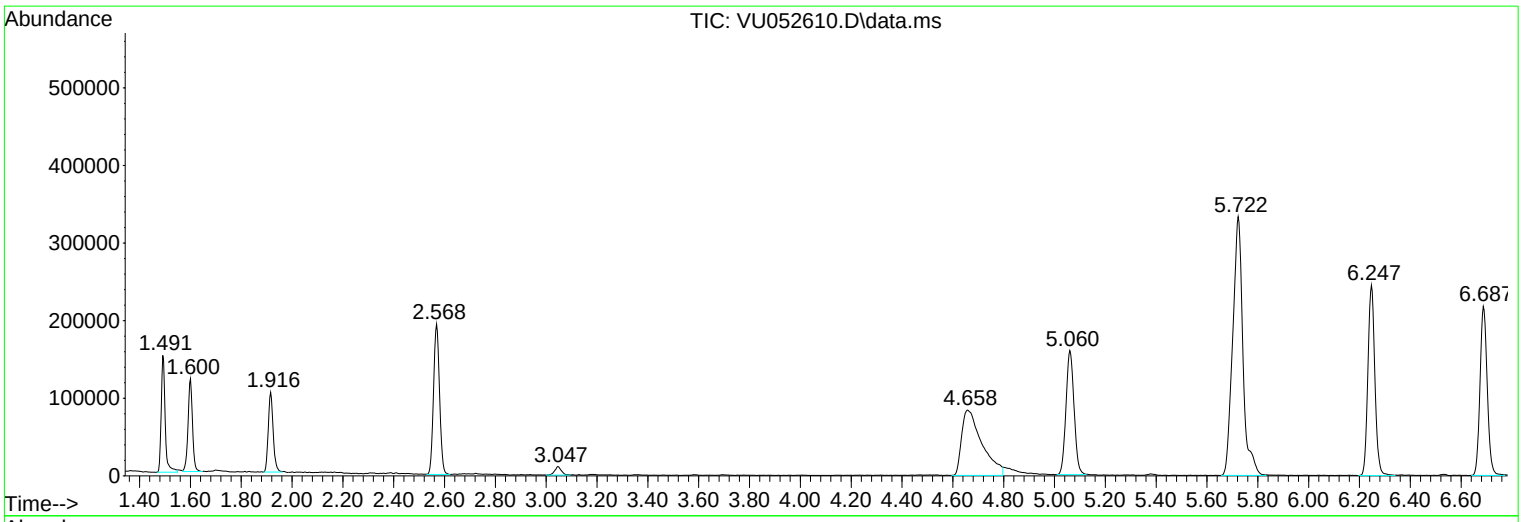
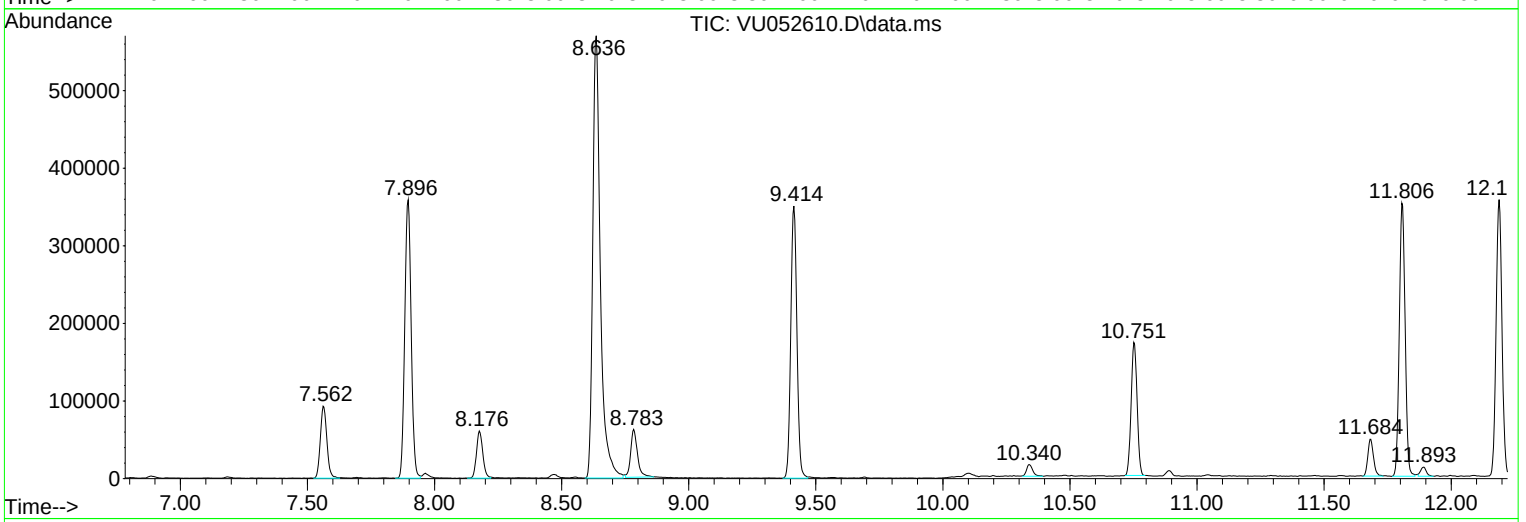
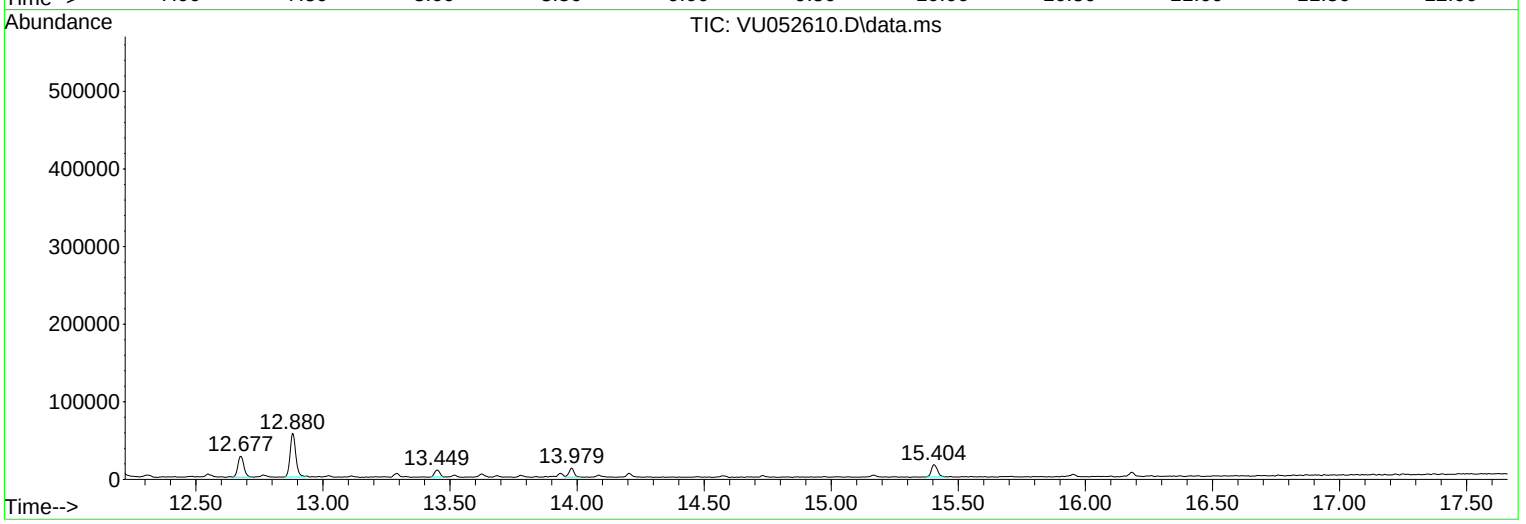
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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Quant Title : TRACE VOA SFAM1.0

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TIC Integration Parameters: LSCINT.P

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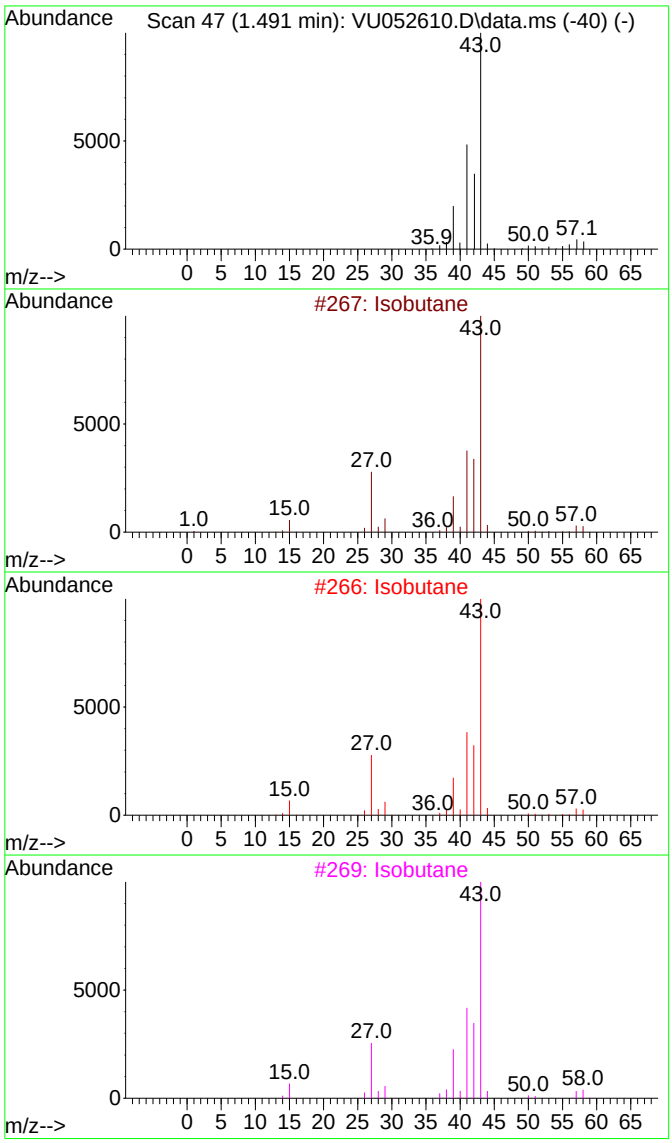
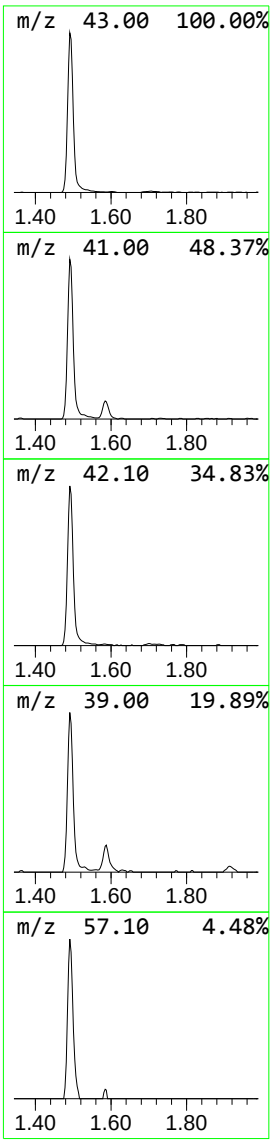
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.491	1.76 ug/L	164108	1,4-Difluorobenzene	6.247

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	72
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	64
5	Isobutane	58	C4H10	000075-28-5	45





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Instrument :
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ClientSampleId :
GBQD4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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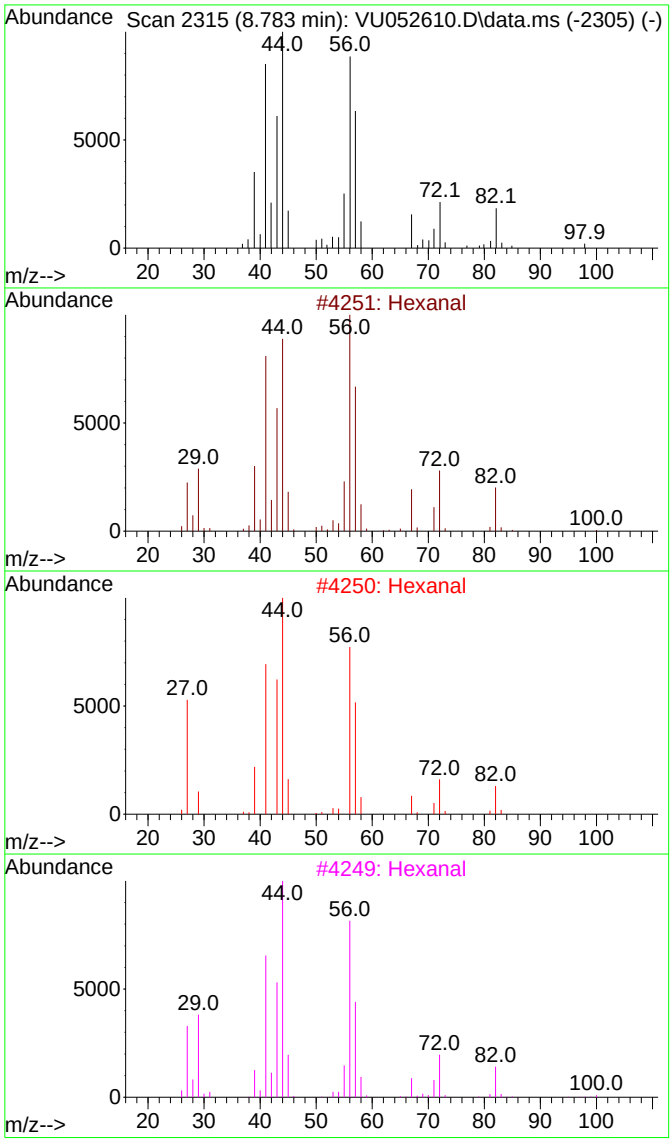
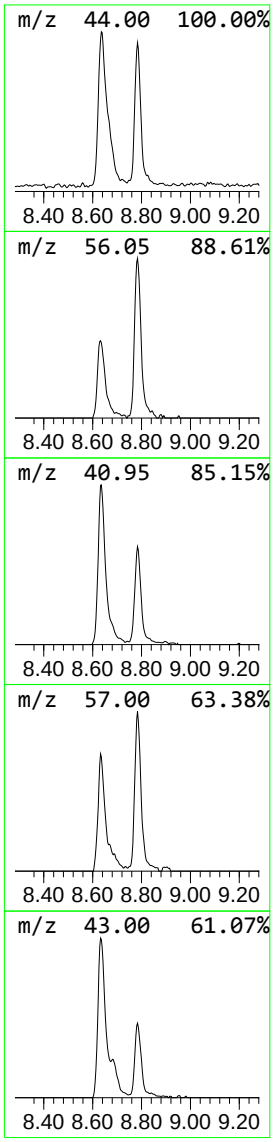
Peak Number 3 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.783	0.98 ug/L	114345	Chlorobenzene-d5	9.414

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	Hexanal	100	C6H12O	000066-25-1	86
3	Hexanal	100	C6H12O	000066-25-1	86
4	Hexanal	100	C6H12O	000066-25-1	83
5	Hexanal	100	C6H12O	000066-25-1	80





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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBQD4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

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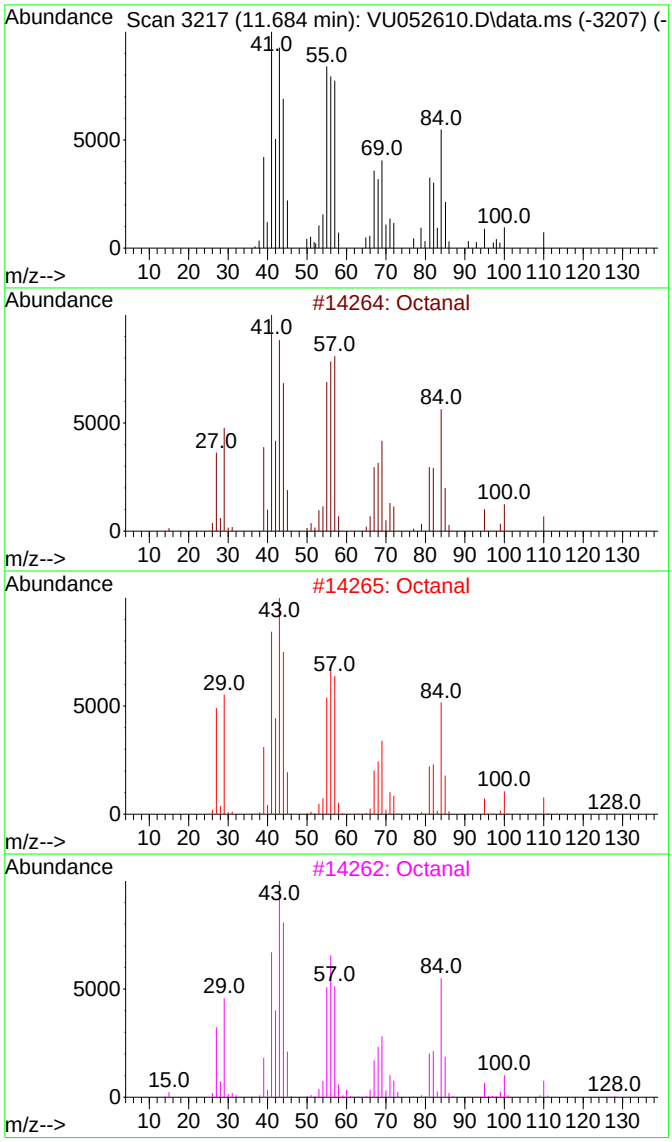
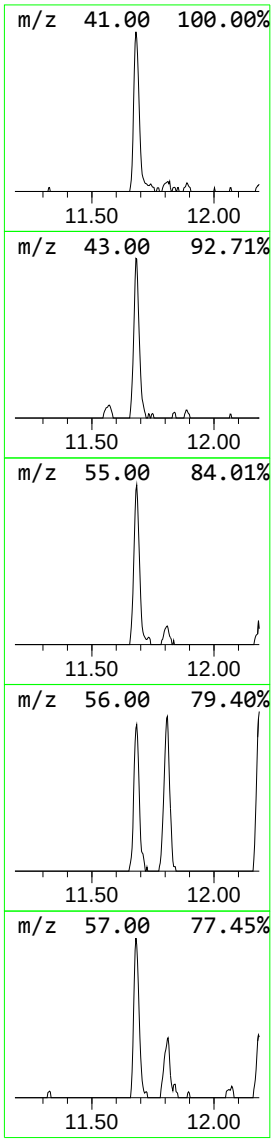
Peak Number 4 Octanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.684	0.66 ug/L	74178	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal	128	C8H16O	000124-13-0	91
2	Octanal	128	C8H16O	000124-13-0	87
3	Octanal	128	C8H16O	000124-13-0	86
4	Octanal	128	C8H16O	000124-13-0	64
5	1-Pentene, 3-methyl-	84	C6H12	000760-20-3	46





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Instrument :
MSVOA_U
ClientSampleId :
GBQD4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0

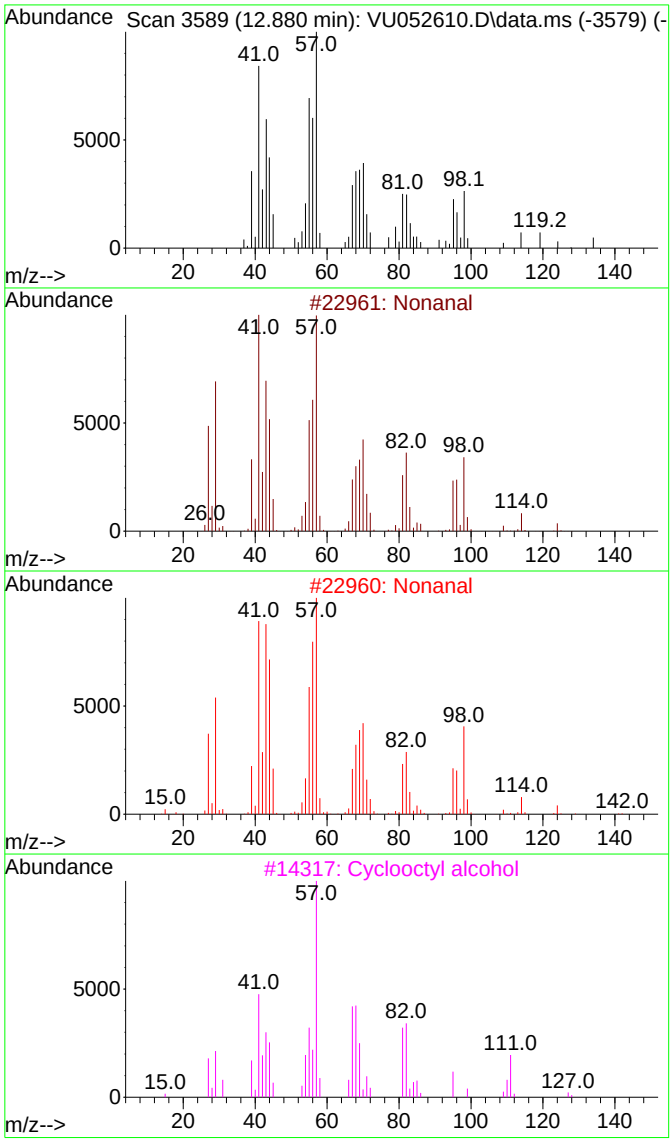
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

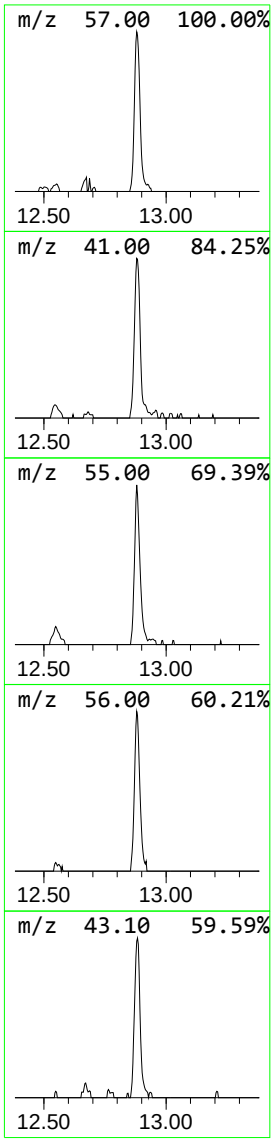
****

Peak Number 5 Nonanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.880	0.78 ug/L	88057	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanal	142	C9H18O	000124-19-6	91
2	Nonanal	142	C9H18O	000124-19-6	59
3	Cyclooctyl alcohol	128	C8H16O	000696-71-9	45
4	(Z)-Hex-2-ene, 5-methyl-	98	C7H14	013151-17-2	25
5	2-Propen-1-amine, N-2-propenyl-	97	C6H11N	000124-02-7	25





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.491	1.8	ug/L	164108	1	6.247	466129	5.0
Hexanal	8.783	1.0	ug/L	114345	2	9.414	585641	5.0
Octanal	11.684	0.7	ug/L	74178	3	11.809	565390	5.0
Nonanal	12.880	0.8	ug/L	88057	3	11.809	565390	5.0