LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
Data File : VU059517.D
Acq On : 26 Jun 2024 11:14
Operator : MD/SY
Sample : P2987-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 67 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T95

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\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU059517.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.341	11	16	26	rBV3	4422	5153	1.07%	0.116%
2	1.595	84	95	113	rVB	52925	64773	13.46%	1.457%
3	1.682	113	122	145	rBV	115298	156531	32.53%	3.521%
4	1.907	183	192	209	rBV	51593	70549	14.66%	1.587%
5	2.325	313	322	335	rBV2	4958	9367	1.95%	0.211%
6	2.560	376	395	406	rBV	90845	152543	31.70%	3.431%
7	2.624	406	415	448	rVB	79245	163828	34.05%	3.685%
8	2.785	455	465	487	rVB3	4199	8870	1.84%	0.199%
9	3.187	578	590	615	rBV3	6605	19907	4.14%	0.448%
10	4.438	962	979	1007	rBV5	17440	55774	11.59%	1.254%
11	4.618	1025	1035	1056	rBV	65813	177534	36.90%	3.993%
12	5.052	1156	1170	1192	rBV	92465	207240	43.07%	4.661%
13	5.717	1356	1377	1401	rBV2	180456	469143	97.50%	10.552%
14	6.242	1527	1540	1566	rBV	147704	289906	60.25%	6.520%
15	6.682	1662	1677	1694	rBV	111979	218980	45.51%	4.925%
16	6.782	1700	1708	1726	rVB4	3997	8647	1.80%	0.194%
17	6.881	1731	1739	1750	rBV4	5369	10503	2.18%	0.236%
18	7.119	1801	1813	1819	rBV4	4521	8224	1.71%	0.185%
19	7.560	1940	1950	1970	rBV	46196	82490	17.14%	1.855%
20	7.891	2041	2053	2073	rBV	212346	368798	76.65%	8.295%
21	8.177	2124	2142	2156	rBV	29029	50368	10.47%	1.133%
22	8.553	2249	2259	2272	rBV5	3475	5425	1.13%	0.122%
23	8.627	2272	2282	2321	rVV	235277	481172	100.00%	10.822%
24	8.785	2322	2331	2350	rVB4	16069	31034	6.45%	0.698%
25	9.412	2514	2526	2550	rBV	223742	385827	80.18%	8.678%
26	10.129	2743	2749	2764	rVB2	4121	6331	1.32%	0.142%
27	10.232	2772	2781	2801	rBV	33284	57731	12.00%	1.298%
28	10.341	2808	2815	2826	rVB6	4060	6242	1.30%	0.140%
29	10.749	2930	2942	2959	rBV	96652	157671	32.77%	3.546%
30	10.884	2973	2984	2994	rVB2	3910	6446	1.34%	0.145%
31	11.576	3190	3199	3210	rBV5	2874	5094	1.06%	0.115%
32	11.807	3260	3271	3296	rBV	214442	348081	72.34%	7.829%
33	12.068	3340	3352	3365	rBV7	3705	10315	2.14%	0.232%
34	12.187	3376	3389	3409	rBV	202169	336663	69.97%	7.572%
35	12.888	3600	3607	3616	rBV5	6060	9042	1.88%	0.203%

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Sampling : 1 Min Area: 3 % of largest Peak
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Title : TRACE VOA SFAM1.0

Sum of corrected areas: 4446202

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
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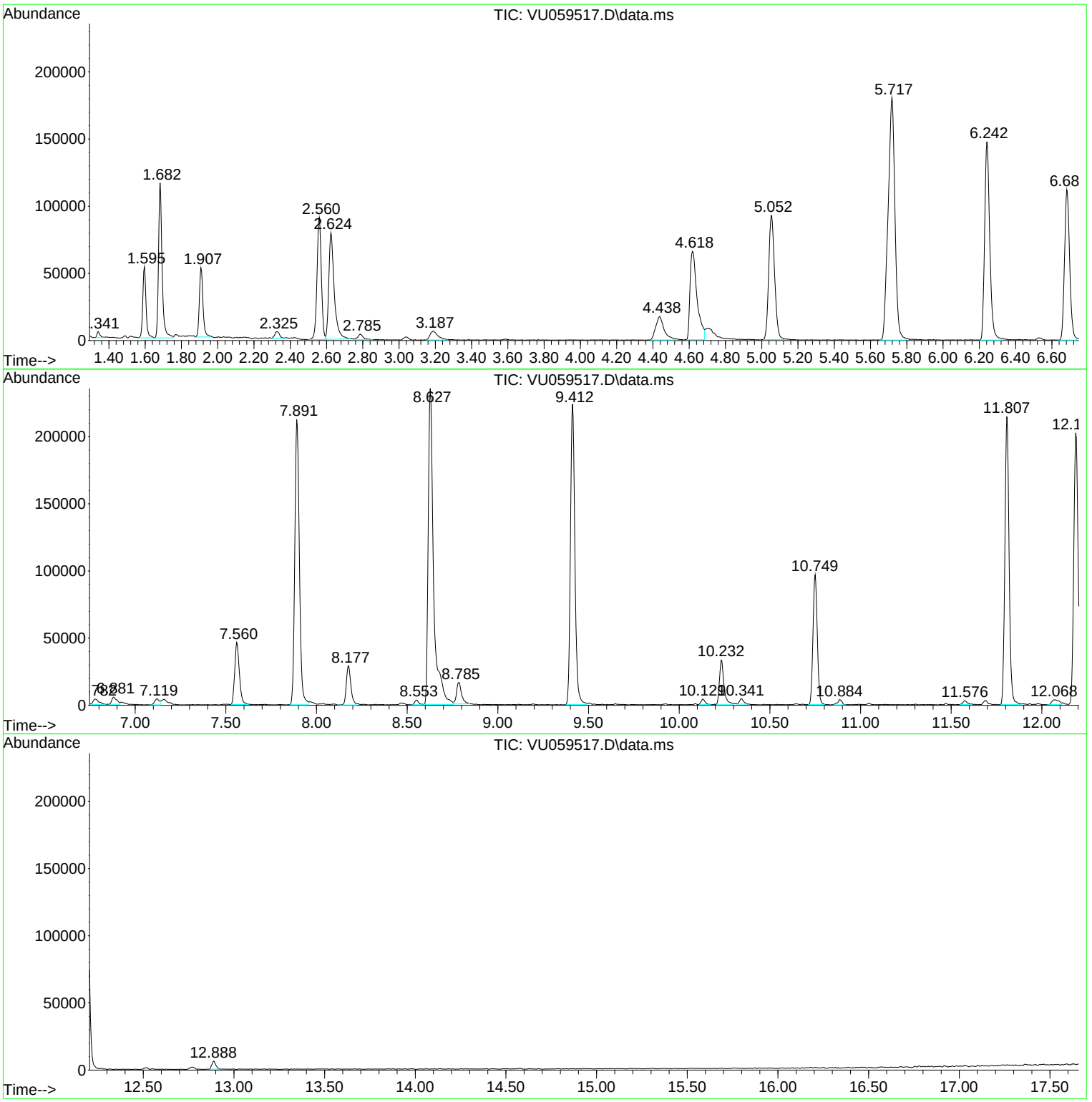
Instrument :
MSVOA_U
ClientSampleId :
C0T95

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.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

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

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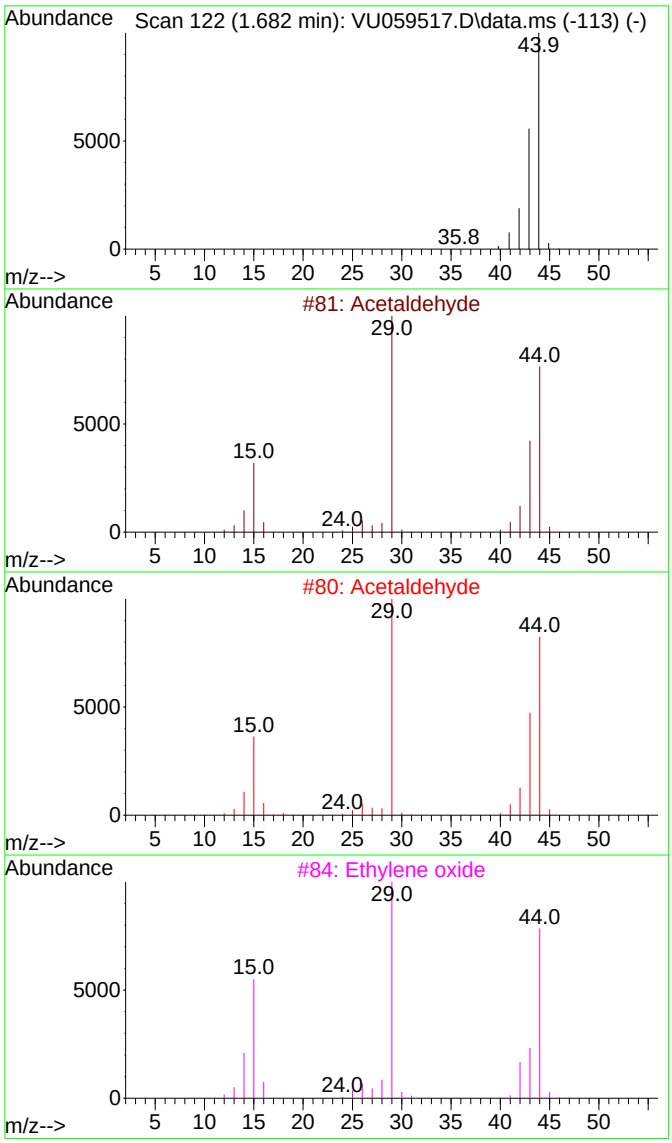
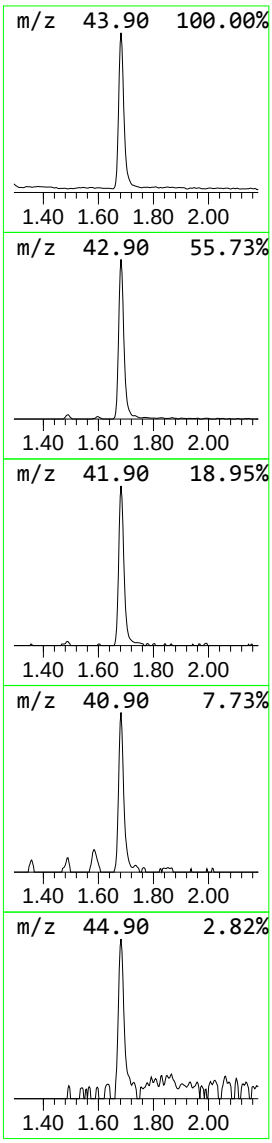
Peak Number 1 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.682	2.70 ug/L	156531	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	74
2	Acetaldehyde	44	C2H4O	000075-07-0	74
3	Ethylene oxide	44	C2H4O	000075-21-8	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





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MSVOA_U
ClientSampleId :
C0T95

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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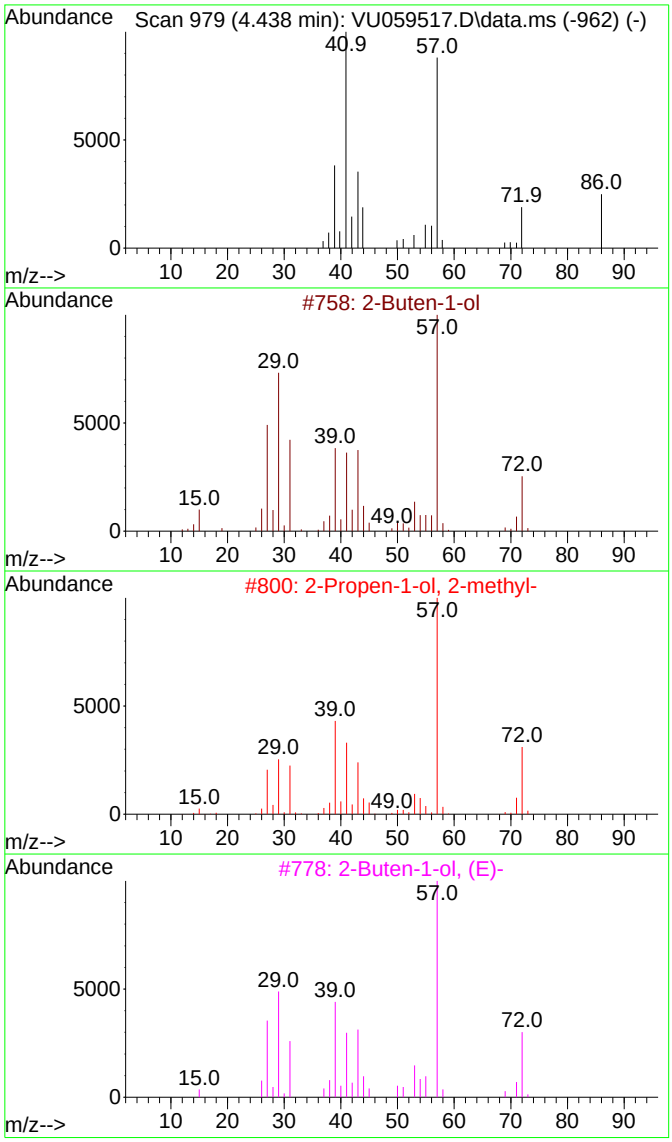
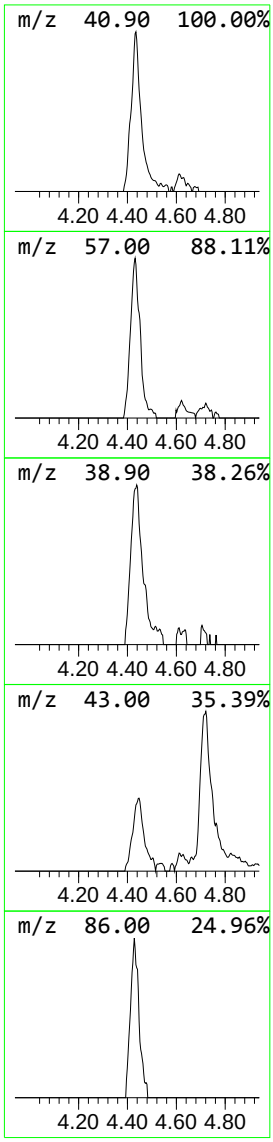
Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.438	0.96 ug/L	55774	1,4-Difluorobenzene	6.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Buten-1-ol	72	C4H8O	006117-91-5	43
2	2-Propen-1-ol, 2-methyl-	72	C4H8O	000513-42-8	37
3	2-Buten-1-ol, (E)-	72	C4H8O	000504-61-0	37
4	2-Buten-1-ol	72	C4H8O	006117-91-5	32
5	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	27





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Instrument :
MSVOA_U
ClientSampleId :
C0T95

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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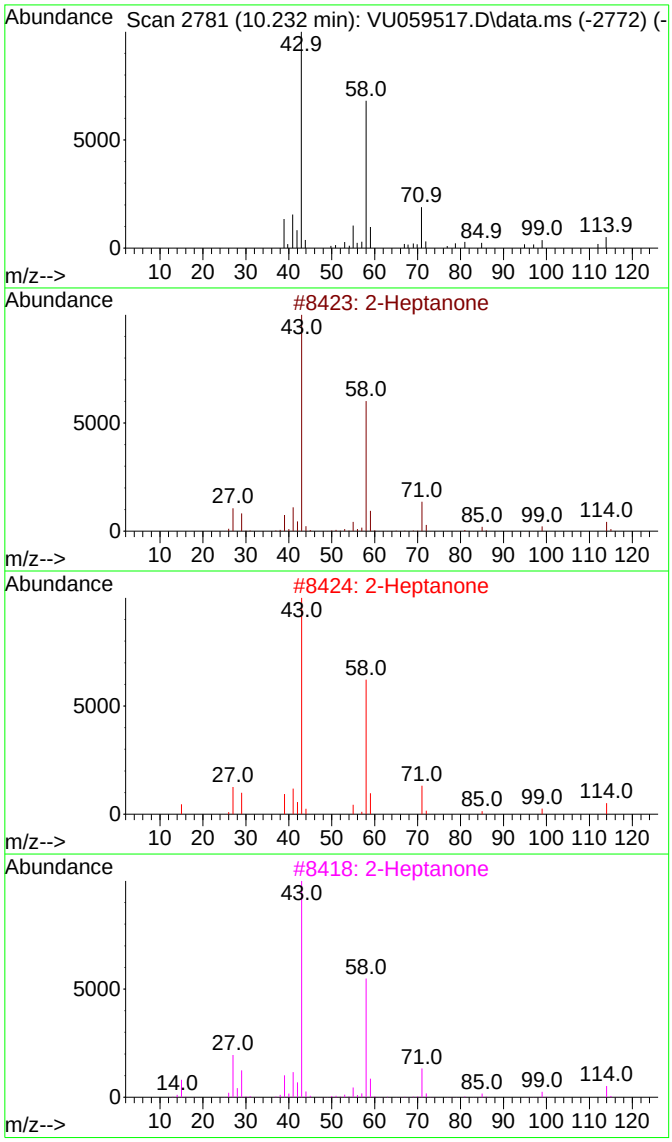
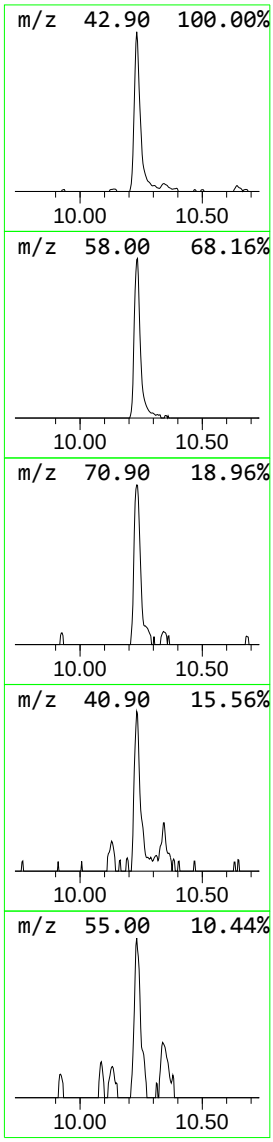
Peak Number 4 2-Heptanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.232	0.75 ug/L	57731	Chlorobenzene-d5	9.412

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptanone	114	C7H14O	000110-43-0	90
2	2-Heptanone	114	C7H14O	000110-43-0	90
3	2-Heptanone	114	C7H14O	000110-43-0	87
4	2-Heptanone	114	C7H14O	000110-43-0	86
5	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	78





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.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
Acetaldehyde	1.682	2.7	ug/L	156531	1	6.242	289906	5.0
unknown-01	4.438	1.0	ug/L	55774	1	6.242	289906	5.0
2-Heptanone	10.232	0.8	ug/L	57731	2	9.412	385827	5.0