LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111324\
Data File : VV038049.D
Acq On : 13 Nov 2024 16:33
Operator : SY/MD
Sample : P4761-17
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A0AN2

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\SFAMVTR111224WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV038049.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.082	9	13	17	rBV	37994	31931	6.24%	0.747%
2	1.108	17	21	35	rVB	54980	67431	13.18%	1.577%
3	1.169	35	40	45	rBV	10241	10607	2.07%	0.248%
4	1.214	49	54	62	rBV	10727	12904	2.52%	0.302%
5	1.272	63	72	82	rBV2	74501	120226	23.50%	2.812%
6	1.529	145	152	161	rBV	39129	49061	9.59%	1.147%
7	2.053	306	315	326	rBV	79566	117270	22.92%	2.743%
8	2.108	326	332	349	rVB	10729	23235	4.54%	0.543%
9	2.230	354	370	380	rVB7	4009	8740	1.71%	0.204%
10	3.789	845	855	887	rBV	51110	164707	32.19%	3.852%
11	4.246	983	997	1021	rBV3	49605	141796	27.71%	3.316%
12	4.953	1202	1217	1254	rBV4	115350	337737	66.00%	7.899%
13	5.535	1387	1398	1417	rBV3	78798	179455	35.07%	4.197%
14	5.989	1527	1539	1571	rBV3	59928	154851	30.26%	3.622%
15	6.921	1817	1829	1839	rBV3	19369	40555	7.93%	0.948%
16	7.188	1902	1912	1916	rBV6	3126	5208	1.02%	0.122%
17	7.243	1919	1929	1958	rVV	103372	216852	42.38%	5.072%
18	7.365	1961	1967	1981	rVB7	7942	15041	2.94%	0.352%
19	7.574	2022	2032	2046	rBV4	24489	53352	10.43%	1.248%
20	7.709	2063	2074	2086	rVB5	14393	26634	5.20%	0.623%
21	7.870	2111	2124	2137	rVB4	5908	11646	2.28%	0.272%
22	8.021	2162	2171	2202	rBV	183414	409359	80.00%	9.574%
23	8.153	2206	2212	2226	rVV6	19694	41756	8.16%	0.977%
24	8.220	2226	2233	2243	rVB6	3847	8042	1.57%	0.188%
25	8.783	2398	2408	2410	rBV	176979	210371	41.11%	4.920%
26	8.808	2411	2416	2444	rVB	272615	511701	100.00%	11.967%
27	9.034	2476	2486	2497	rBV8	13272	24114	4.71%	0.564%
28	9.416	2589	2605	2616	rBV8	6329	13301	2.60%	0.311%
29	10.149	2821	2833	2852	rBV	79485	137275	26.83%	3.210%
30	10.320	2873	2886	2892	rBV4	8163	13495	2.64%	0.316%
31	10.493	2930	2940	2948	rVB10	4941	7976	1.56%	0.187%
32	10.799	3023	3035	3040	rBV7	3618	5921	1.16%	0.138%
33	11.181	3145	3154	3181	rBV	137034	265412	51.87%	6.207%
34	11.458	3229	3240	3253	rBV	127386	203685	39.81%	4.764%
35	11.554	3260	3270	3292	rVB	136955	244216	47.73%	5.711%
36	11.680	3303	3309	3319	rVB5	4328	5942	1.16%	0.139%

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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

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
Title : TRACE VOA SFAM1.0

37	11.976	3388	3401	3412	rVB5	6705	14090	2.75%	0.330%
38	12.049	3415	3424	3430	rBV5	8972	12912	2.52%	0.302%
39	12.181	3452	3465	3474	rBV5	5302	12420	2.43%	0.290%
40	12.310	3497	3505	3512	rBV9	5448	9549	1.87%	0.223%
41	12.345	3513	3516	3524	rVB7	4602	5495	1.07%	0.129%
42	12.657	3607	3613	3620	rBV2	6661	7919	1.55%	0.185%
43	12.815	3653	3662	3673	rBV7	10734	17820	3.48%	0.417%
44	13.445	3853	3858	3867	rVB5	3687	5812	1.14%	0.136%
45	14.625	4215	4225	4236	rVB3	7441	12849	2.51%	0.301%
46	14.754	4258	4265	4278	rVB6	10100	18482	3.61%	0.432%
47	16.239	4717	4727	4742	rBV	168347	266716	52.12%	6.238%

Sum of corrected areas: 4275869

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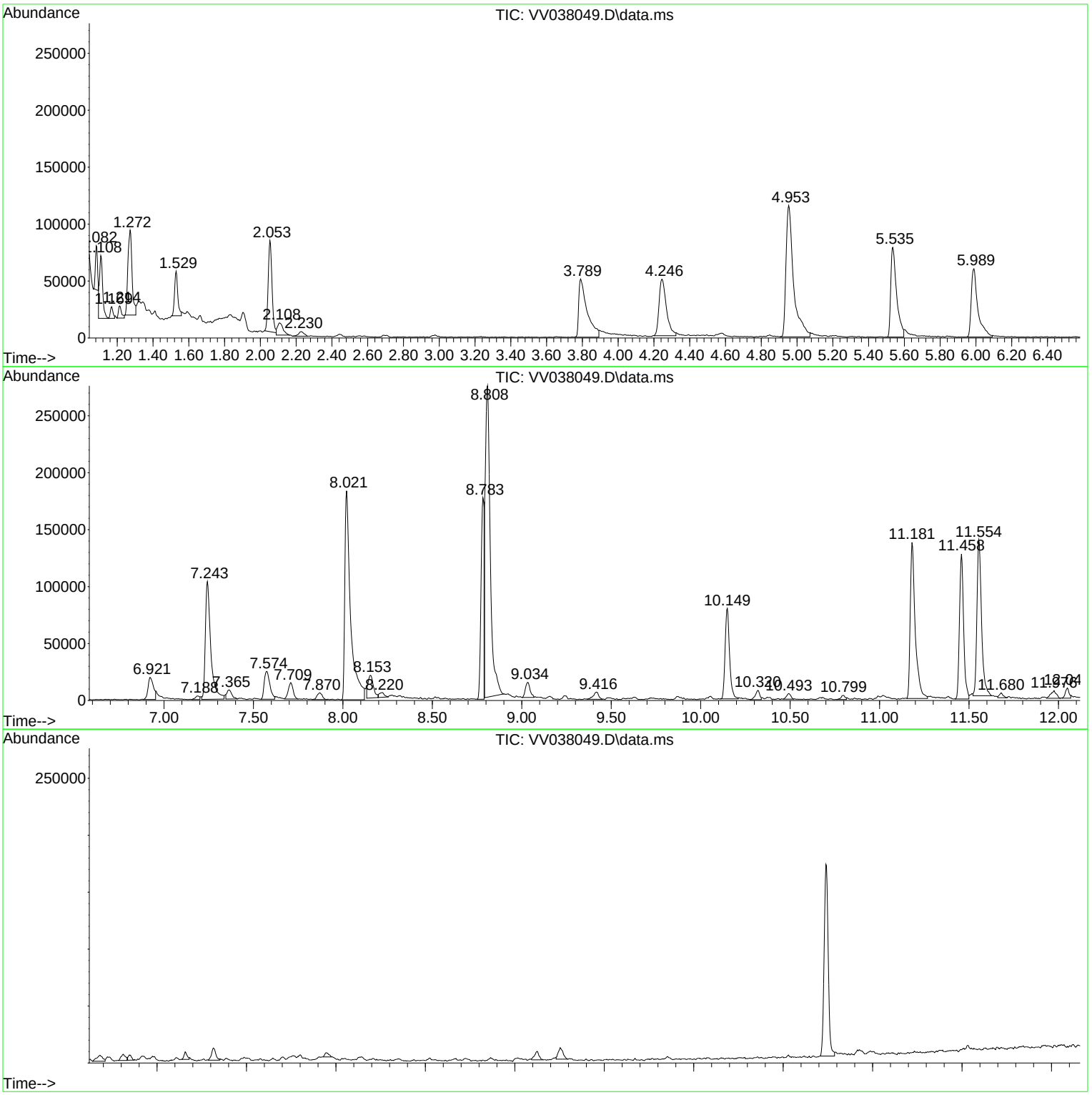
ClientSampleId :
A0AN2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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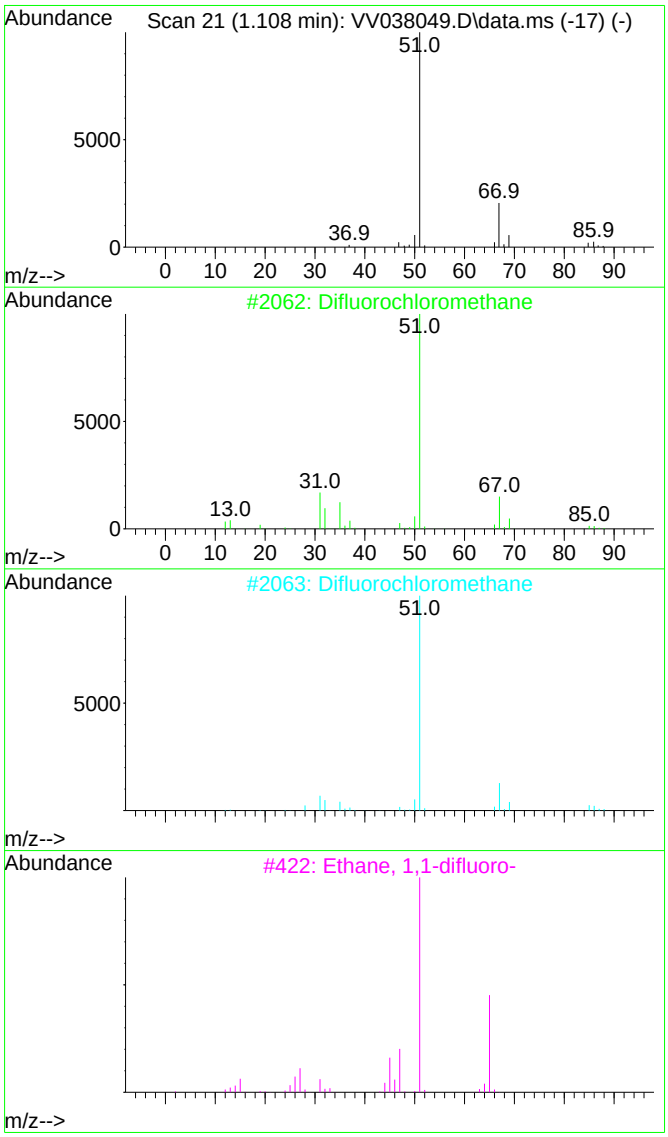
Quant Title : TRACE VOA SFAM1.0

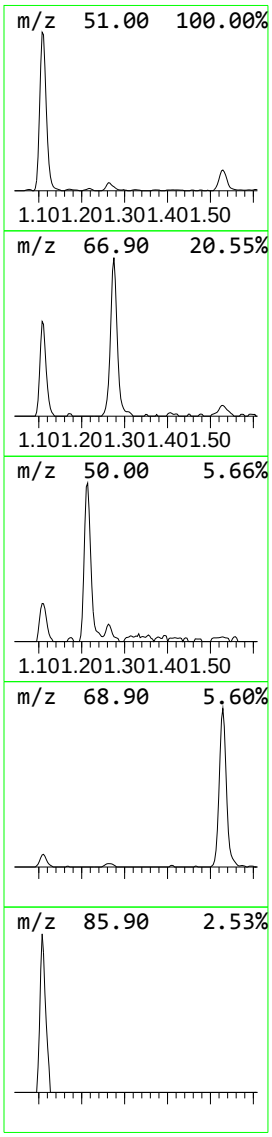
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Difluorochloromethane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	1.88 ug/L	67431	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Difluorochloromethane	86	CHClF2	000075-45-6	90
2	Difluorochloromethane	86	CHClF2	000075-45-6	90
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	7
4	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	4
5	Propiolonitrile	51	C3HN	001070-71-9	3





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ClientSampleId :
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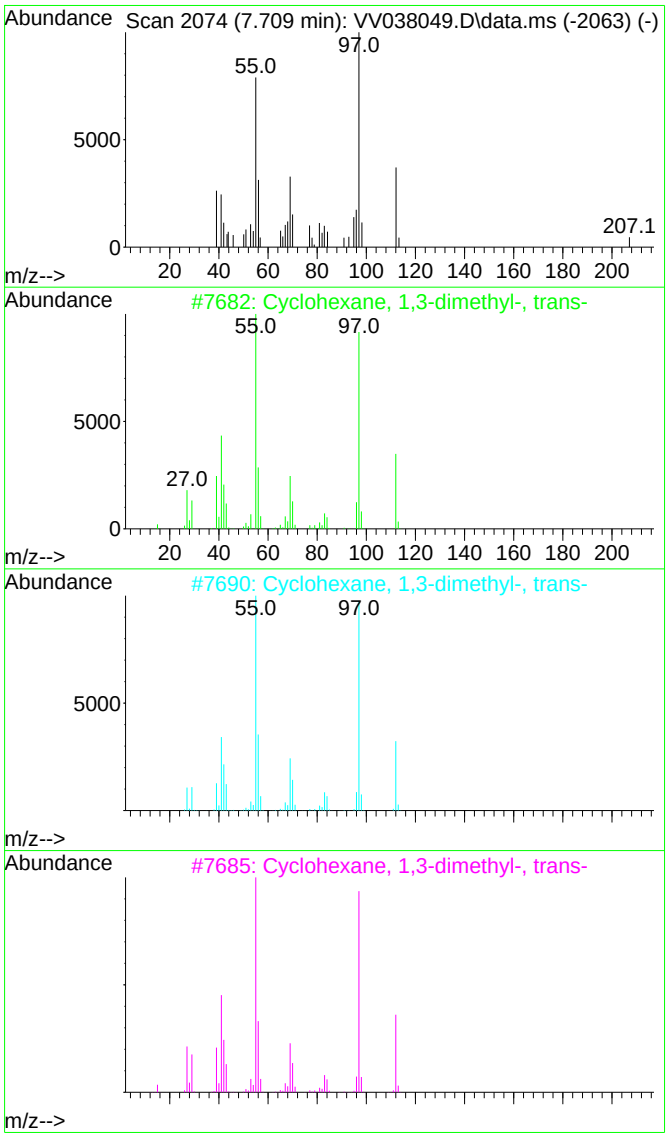
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
Quant Title : TRACE VOA SFAM1.0

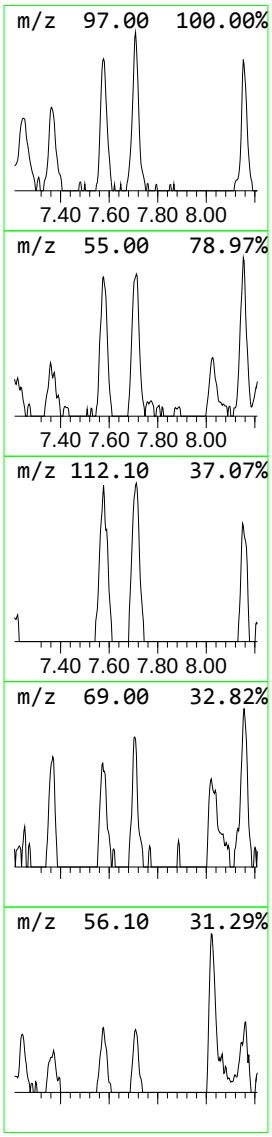
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Cyclic7.709 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.709	0.63 ug/L	26634	Chlorobenzene-d5	8.783

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	83
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	81





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Instrument :
MSVOA_V
ClientSampleId :
A0AN2

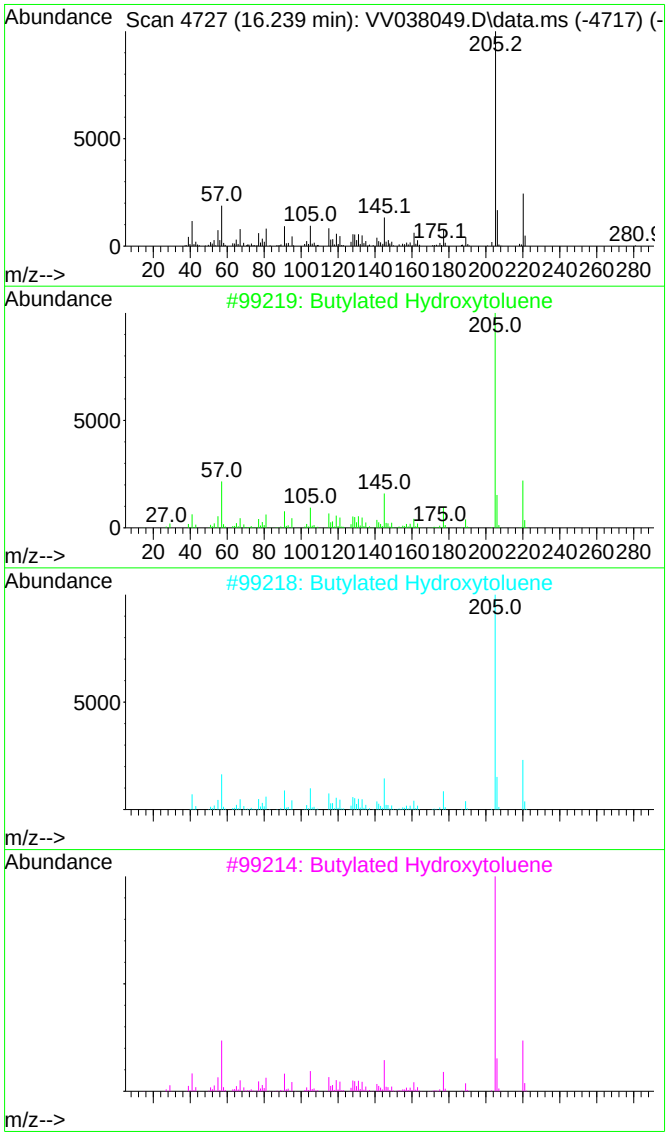
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.M
Quant Title : TRACE VOA SFAM1.0

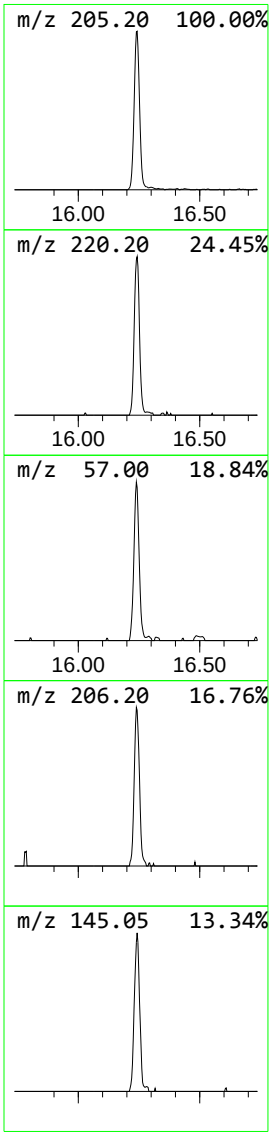
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Butylated Hydroxytoluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.239	5.02 ug/L	266716	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	99
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
5	Ethyl 4-oxo-2-phenylpentanoate	220	C13H16O3	1000427-11-2	94





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111224WMA.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
Difluorochlorom...	1.108	1.9	ug/L	67431	1	5.535	179455	5.0
(DEL) Alkane: C...	7.709	0.6	ug/L	26634	2	8.783	210371	5.0
Butylated Hydro...	16.239	5.0	ug/L	266716	3	11.181	265412	5.0