LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034114.D
Acq On : 09 Feb 2024 16:03
Operator : SY/MD
Sample : P1384-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

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\SFAMVTR012524WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV034114.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.085	8	14	19	rBV	66208	65778	10.62%	1.477%
2	1.191	41	47	57	rVB	30554	25963	4.19%	0.583%
3	1.265	62	70	92	rBV2	317280	490509	79.18%	11.017%
4	1.359	92	99	123	rVB	37838	70764	11.42%	1.589%
5	1.532	146	153	165	rVB2	36494	52915	8.54%	1.189%
6	1.597	166	173	184	rVB	27546	34299	5.54%	0.770%
7	1.667	187	195	209	rBV	51285	64113	10.35%	1.440%
8	1.764	218	225	234	rBV	17901	22953	3.71%	0.516%
9	1.928	268	276	285	rVB6	4860	9508	1.53%	0.214%
10	2.056	306	316	331	rBV2	86141	136732	22.07%	3.071%
11	2.140	338	342	365	rVB2	7523	18272	2.95%	0.410%
12	2.465	429	443	453	rBV6	5175	11435	1.85%	0.257%
13	2.696	504	515	530	rVB8	6161	13277	2.14%	0.298%
14	2.892	564	576	590	rBV5	3207	7868	1.27%	0.177%
15	2.966	590	599	614	rVB3	6494	12919	2.09%	0.290%
16	3.117	635	646	658	rBV3	5746	11351	1.83%	0.255%
17	3.670	797	818	836	rBV7	5497	18354	2.96%	0.412%
18	3.818	849	864	889	rBV4	46171	141708	22.87%	3.183%
19	4.252	983	999	1026	rBV	43396	109395	17.66%	2.457%
20	4.584	1089	1102	1115	rBV4	6065	15043	2.43%	0.338%
21	4.960	1205	1219	1225	rBV3	107696	231075	37.30%	5.190%
22	5.011	1226	1235	1254	rVB	279405	619494	100.00%	13.914%
23	5.539	1387	1399	1421	rBV	83064	175374	28.31%	3.939%
24	5.844	1485	1494	1512	rVB4	7237	14705	2.37%	0.330%
25	5.992	1528	1540	1551	rBV2	54609	113848	18.38%	2.557%
26	6.236	1607	1616	1628	rBV4	3346	8350	1.35%	0.188%
27	6.918	1817	1828	1848	rBV	27727	54076	8.73%	1.215%
28	7.185	1899	1911	1919	rBV7	5604	13061	2.11%	0.293%
29	7.246	1919	1930	1945	rVV	126516	232294	37.50%	5.217%
30	7.320	1945	1953	1977	rVB	46416	89908	14.51%	2.019%
31	7.561	2020	2028	2043	rBV2	15368	33099	5.34%	0.743%
32	8.030	2162	2174	2206	rBV	103319	227488	36.72%	5.110%
33	8.185	2214	2222	2243	rVV3	16044	34792	5.62%	0.781%
34	8.786	2399	2409	2443	rBV2	134766	309798	50.01%	6.958%
35	8.950	2451	2460	2475	rBV	34241	55672	8.99%	1.250%
36	9.075	2489	2499	2512	rBV	36827	62865	10.15%	1.412%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034114.D
Acq On : 09 Feb 2024 16:03
Operator : SY/MD
Sample : P1384-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

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\SFAMVTR012524WMA.M
Title : TRACE VOA SFAM1.0

37	9.484	2611	2626	2641	rBV2	13258	23035	3.72%	0.517%
38	9.754	2697	2710	2732	rVB7	8537	20966	3.38%	0.471%
39	9.870	2736	2746	2757	rBV2	16406	25259	4.08%	0.567%
40	10.156	2825	2835	2847	rBV	39023	62454	10.08%	1.403%
41	10.297	2870	2879	2889	rBV	3861	6790	1.10%	0.153%
42	10.387	2898	2907	2912	rBV3	5808	8570	1.38%	0.192%
43	10.481	2931	2936	2945	rVB2	5245	7892	1.27%	0.177%
44	10.673	2984	2996	3007	rBV3	10953	19355	3.12%	0.435%
45	10.853	3042	3052	3069	rBV	35829	57499	9.28%	1.291%
46	11.095	3117	3127	3135	rBV4	10626	17669	2.85%	0.397%
47	11.188	3146	3156	3175	rBV	147930	232469	37.53%	5.221%
48	11.278	3175	3184	3197	rVB2	16684	25430	4.10%	0.571%
49	11.471	3234	3244	3245	rBV3	8614	9916	1.60%	0.223%
50	11.561	3262	3272	3292	rVB	129510	224136	36.18%	5.034%
51	11.960	3385	3396	3403	rBV	6207	9732	1.57%	0.219%
52	12.291	3490	3499	3512	rBV3	17614	30984	5.00%	0.696%
53	12.355	3512	3519	3529	rVV3	4777	8021	1.29%	0.180%
54	12.821	3653	3664	3679	rBV3	11120	17248	2.78%	0.387%
55	16.252	4722	4731	4739	rBV	25460	35756	5.77%	0.803%

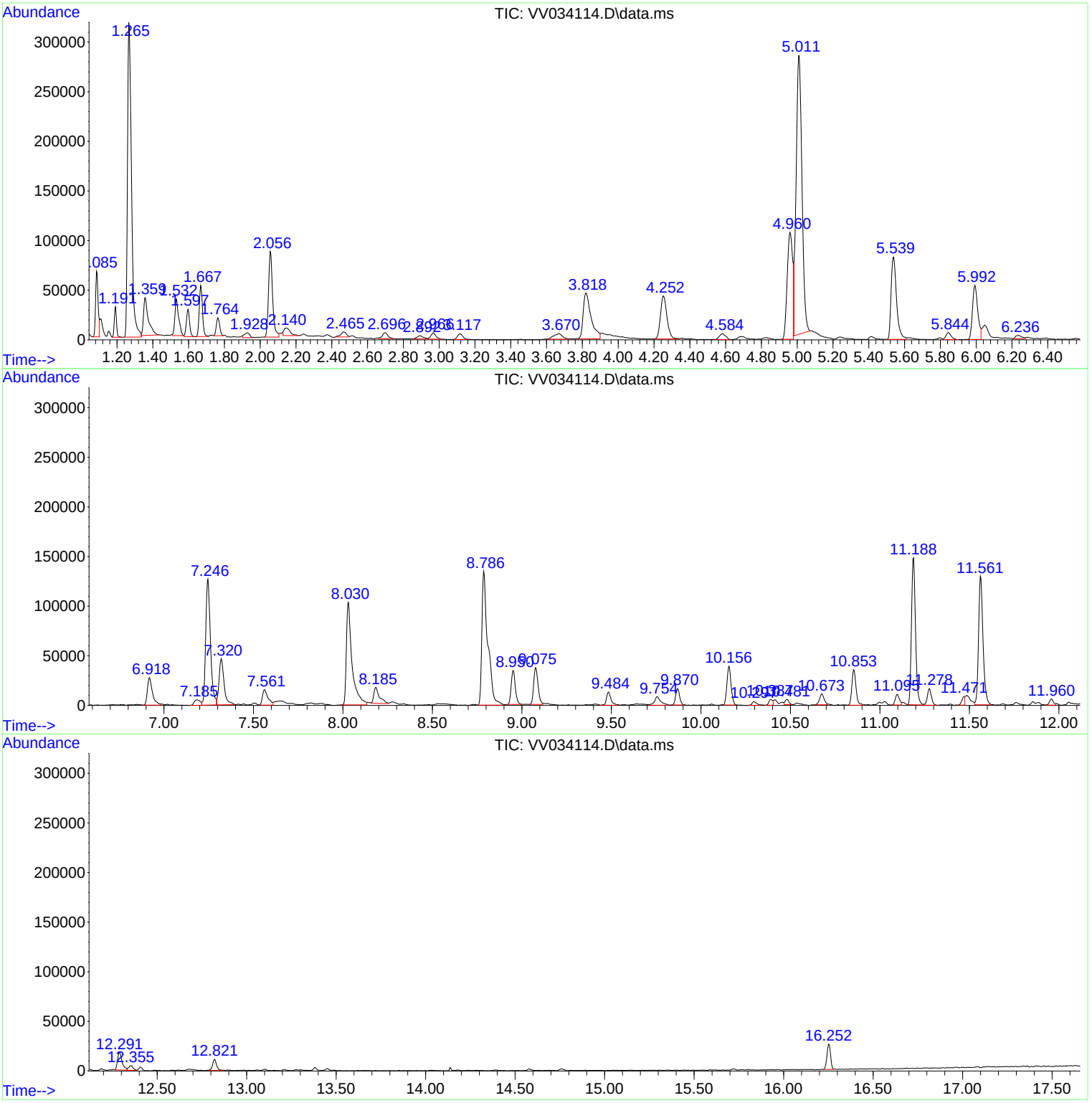
Sum of corrected areas: 4452236

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034114.D
Acq On : 09 Feb 2024 16:03
Operator : SY/MD
Sample : P1384-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034114.D
Acq On : 09 Feb 2024 16:03
Operator : SY/MD
Sample : P1384-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

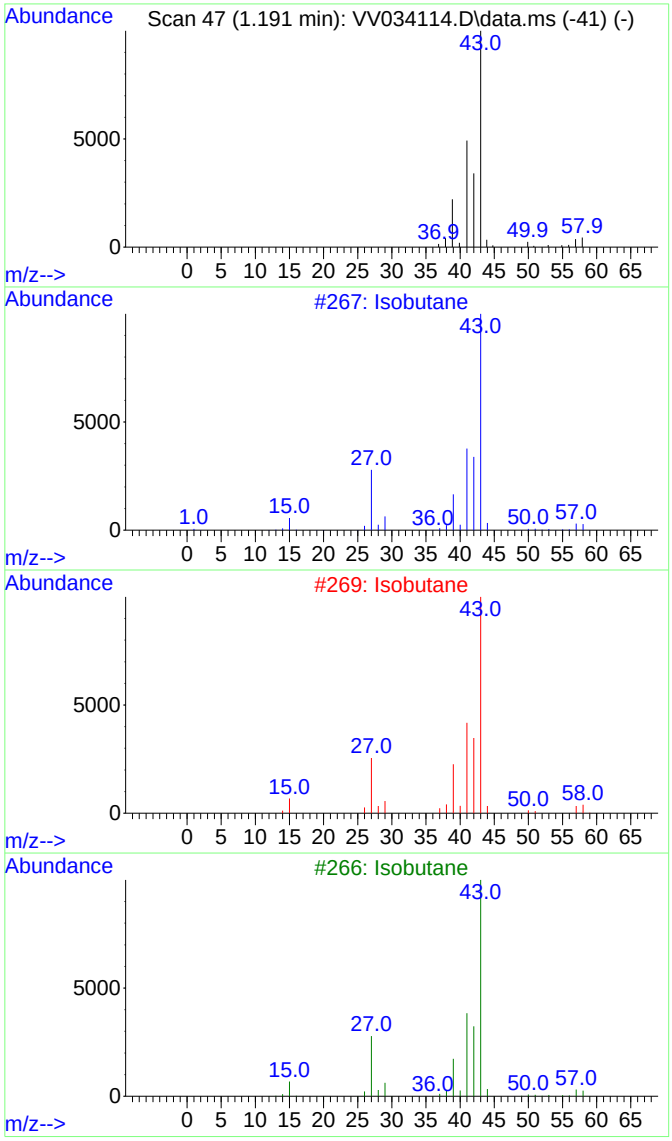
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

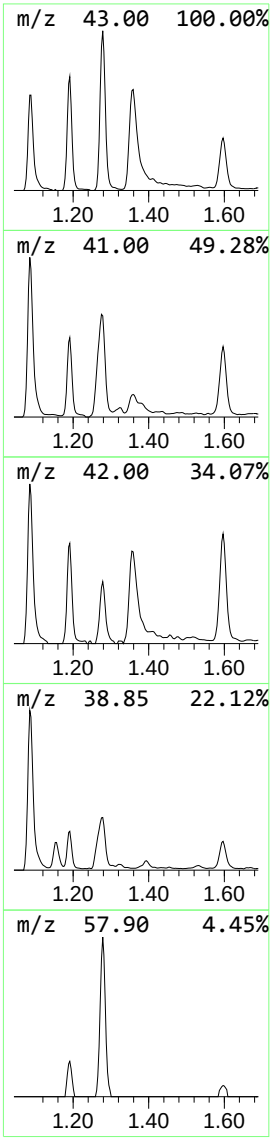
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.191	0.74 ug/L	25963	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	64
5	Isobutane	58	C4H10	000075-28-5	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034114.D
Acq On : 09 Feb 2024 16:03
Operator : SY/MD
Sample : P1384-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

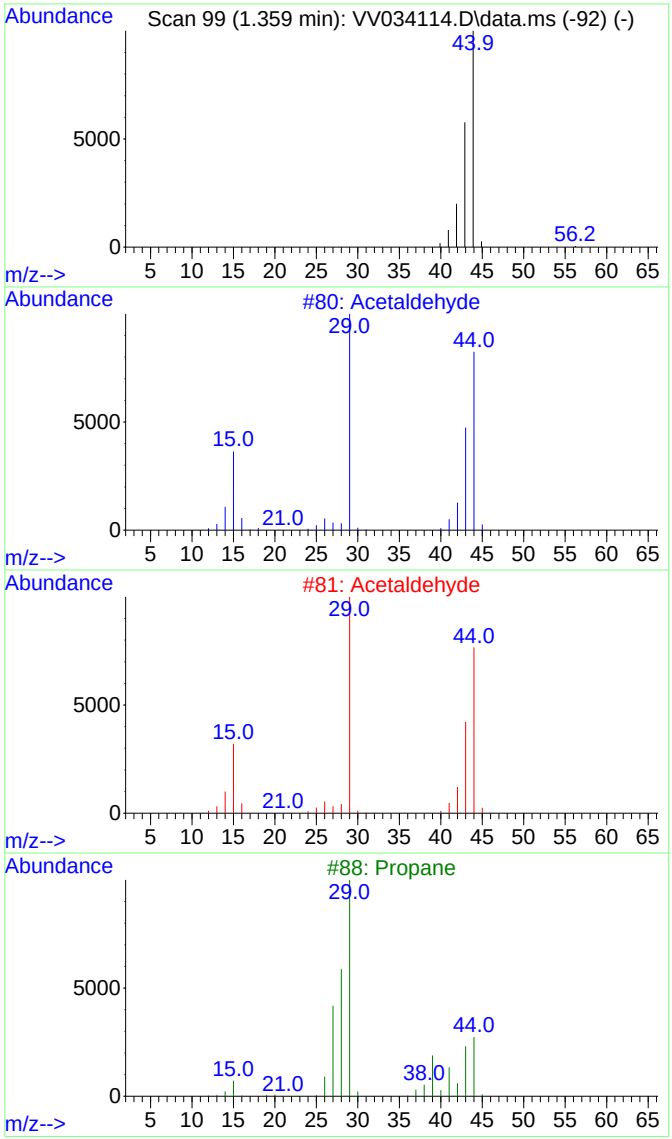
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

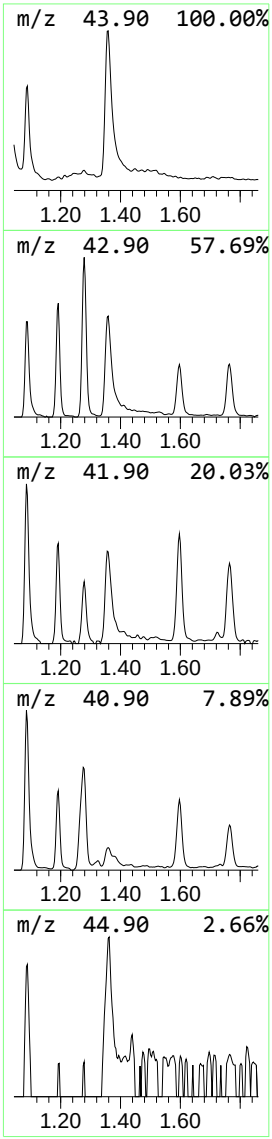
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.359	2.02 ug/L	70764	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	9
2	Acetaldehyde	44	C2H4O	000075-07-0	9
3	Propane	44	C3H8	000074-98-6	5
4	Ethylene oxide	44	C2H4O	000075-21-8	5
5	Ethylene oxide	44	C2H4O	000075-21-8	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034114.D
Acq On : 09 Feb 2024 16:03
Operator : SY/MD
Sample : P1384-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

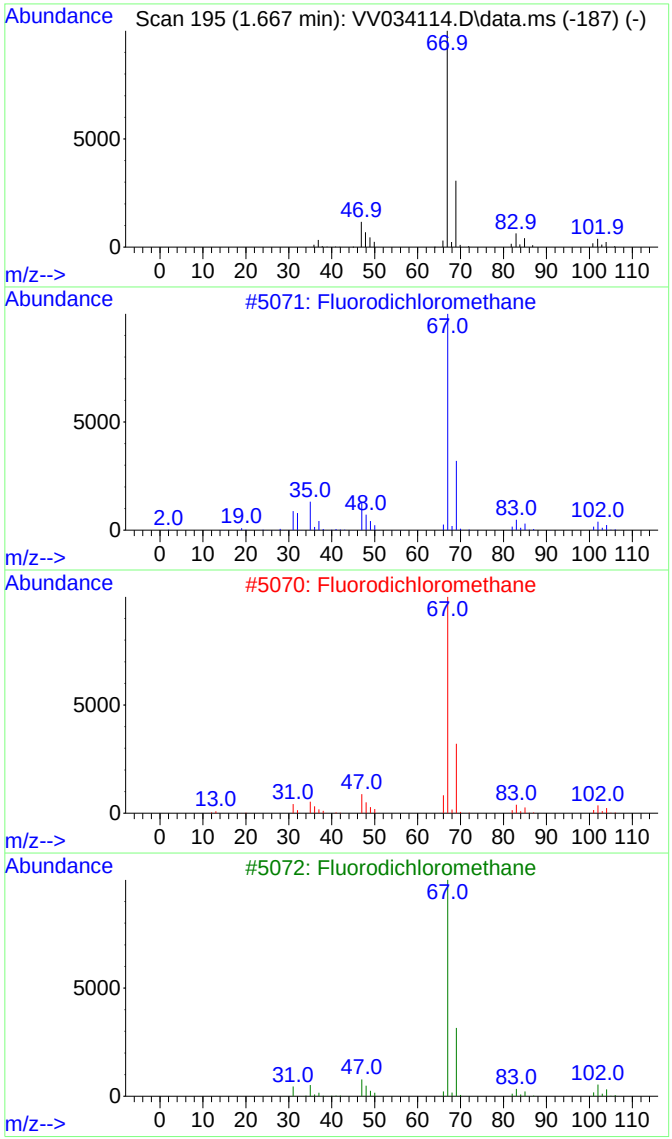
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

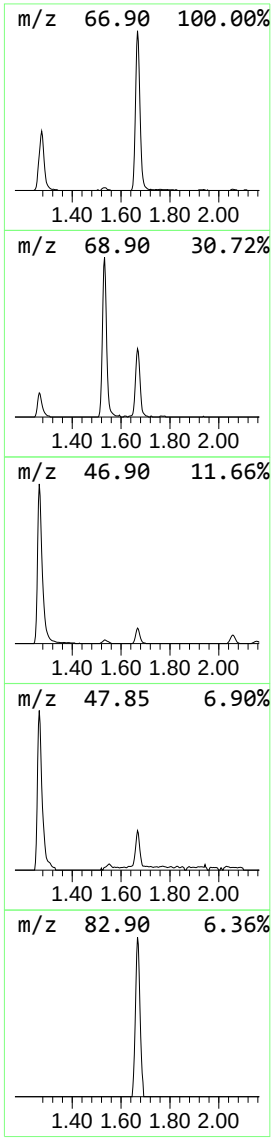
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Fluorodichloromethane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.667	1.83 ug/L	64113	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorodichloromethane	102	CHCl2F	000075-43-4	95
2	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
3	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
4	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	7
5	Chlorine dioxide	67	ClO2	010049-04-4	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034114.D
Acq On : 09 Feb 2024 16:03
Operator : SY/MD
Sample : P1384-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

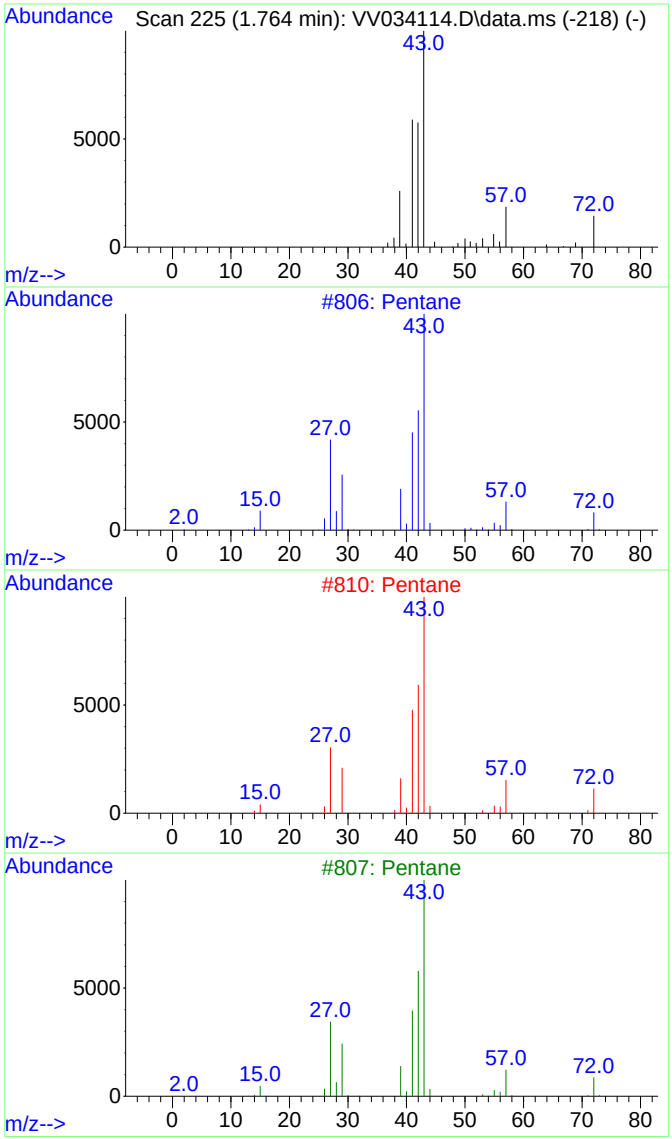
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

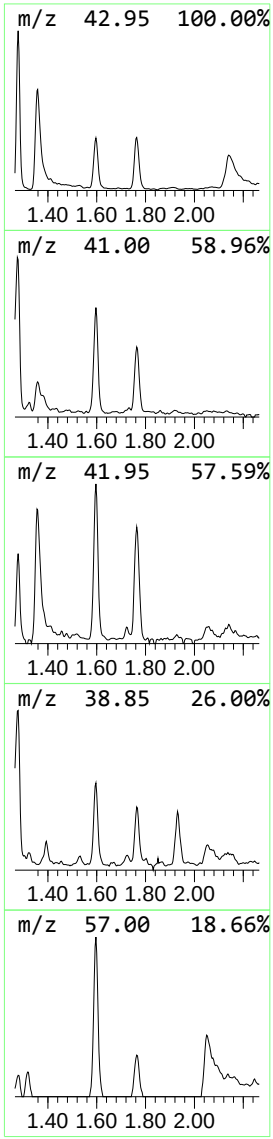
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.764	0.65 ug/L	22953	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	80
2	Pentane	72	C5H12	000109-66-0	80
3	Pentane	72	C5H12	000109-66-0	64
4	Pentane	72	C5H12	000109-66-0	53
5	Pentane	72	C5H12	000109-66-0	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034114.D
Acq On : 09 Feb 2024 16:03
Operator : SY/MD
Sample : P1384-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

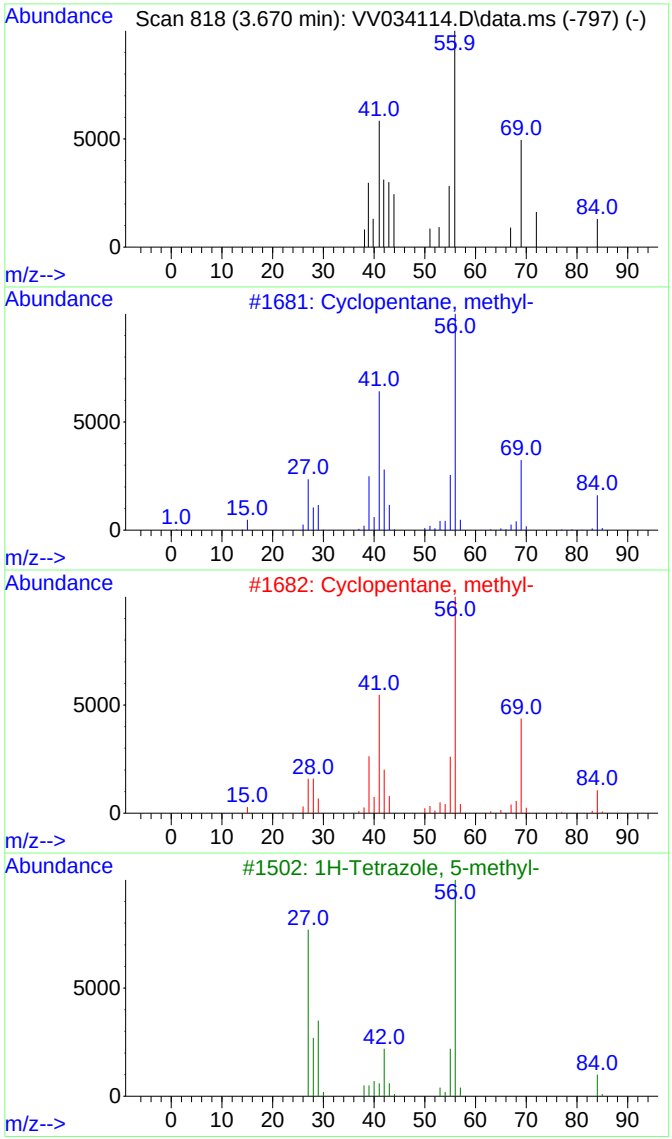
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

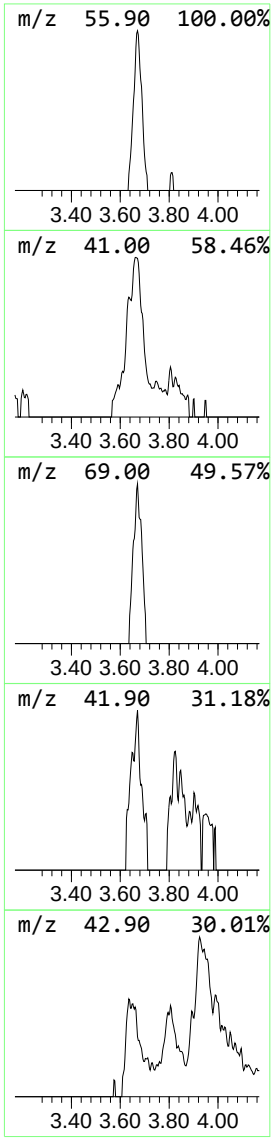
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic3.670 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.670	0.52 ug/L	18354	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	33
5	1-Hexene	84	C6H12	000592-41-6	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034114.D
Acq On : 09 Feb 2024 16:03
Operator : SY/MD
Sample : P1384-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

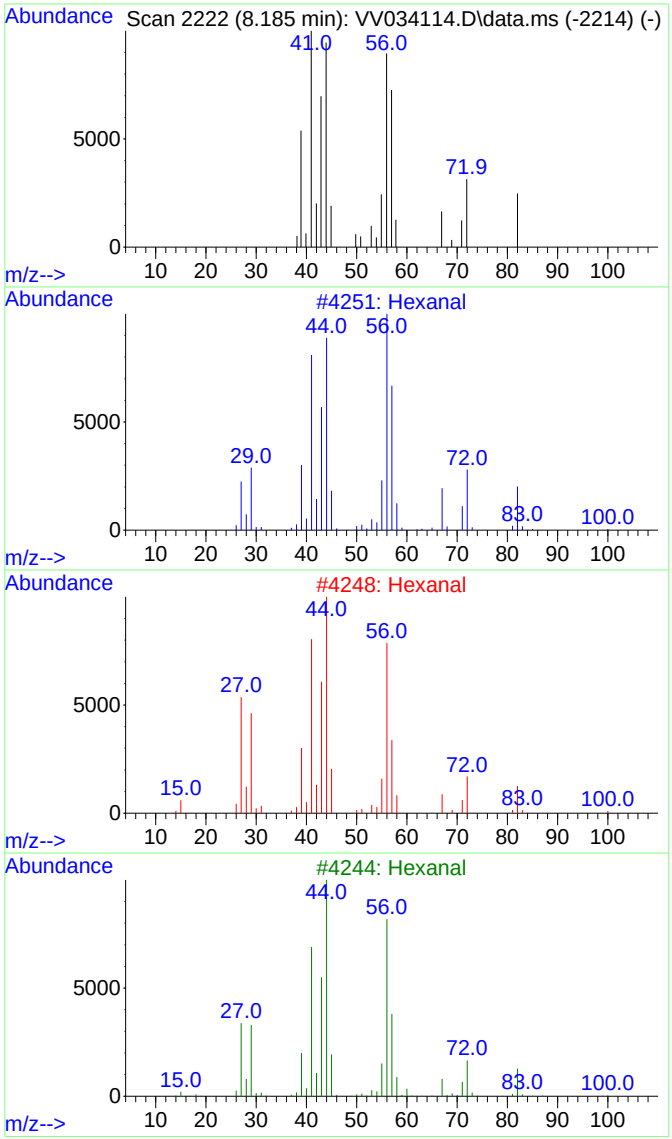
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

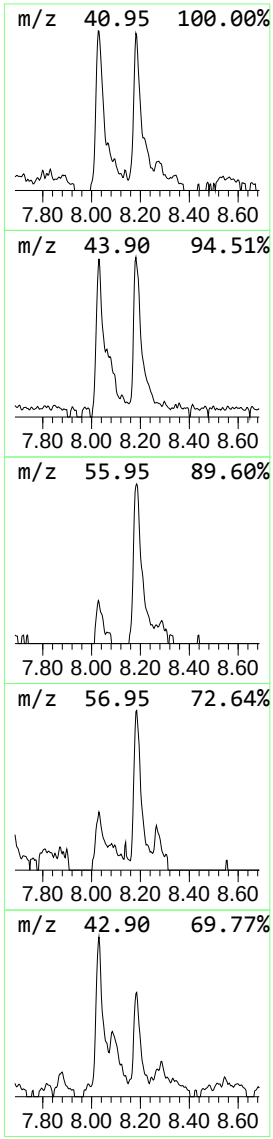
****

Peak Number 7 Hexanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.185	0.56 ug/L	34792	Chlorobenzene-d5	8.786

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	72
2	Hexanal	100	C6H12O	000066-25-1	64
3	Hexanal	100	C6H12O	000066-25-1	64
4	Hexanal	100	C6H12O	000066-25-1	59
5	Hexanal	100	C6H12O	000066-25-1	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034114.D
Acq On : 09 Feb 2024 16:03
Operator : SY/MD
Sample : P1384-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

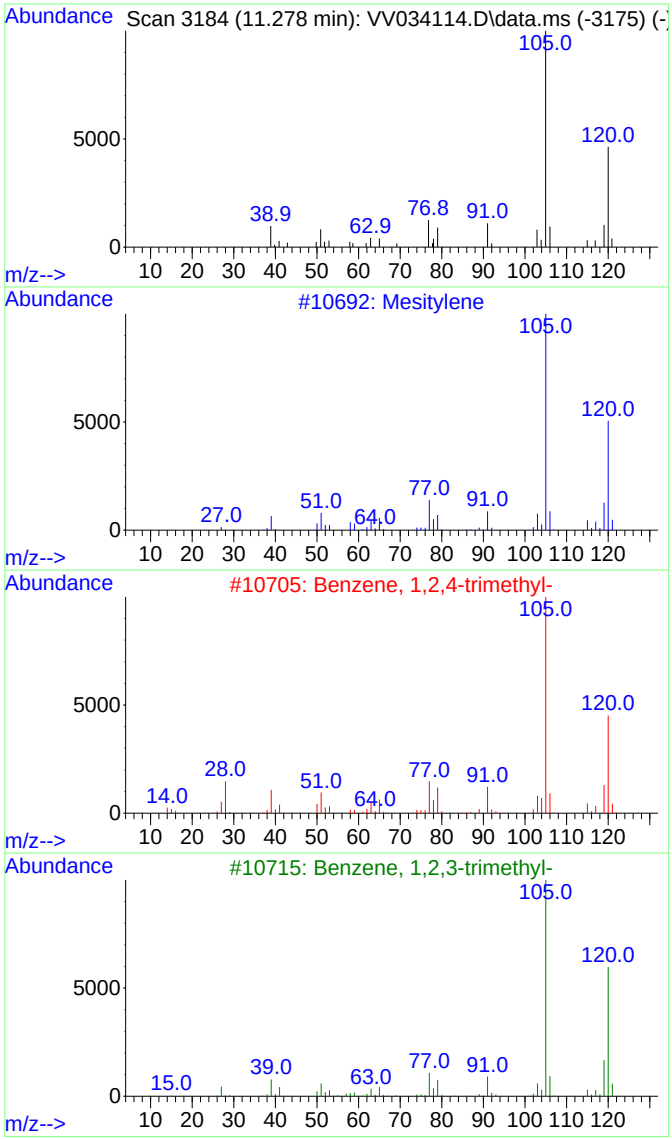
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

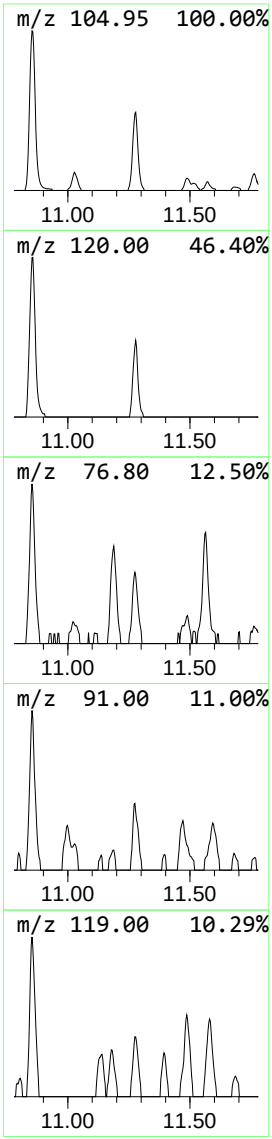
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.278	0.55 ug/L	25430	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034114.D
Acq On : 09 Feb 2024 16:03
Operator : SY/MD
Sample : P1384-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

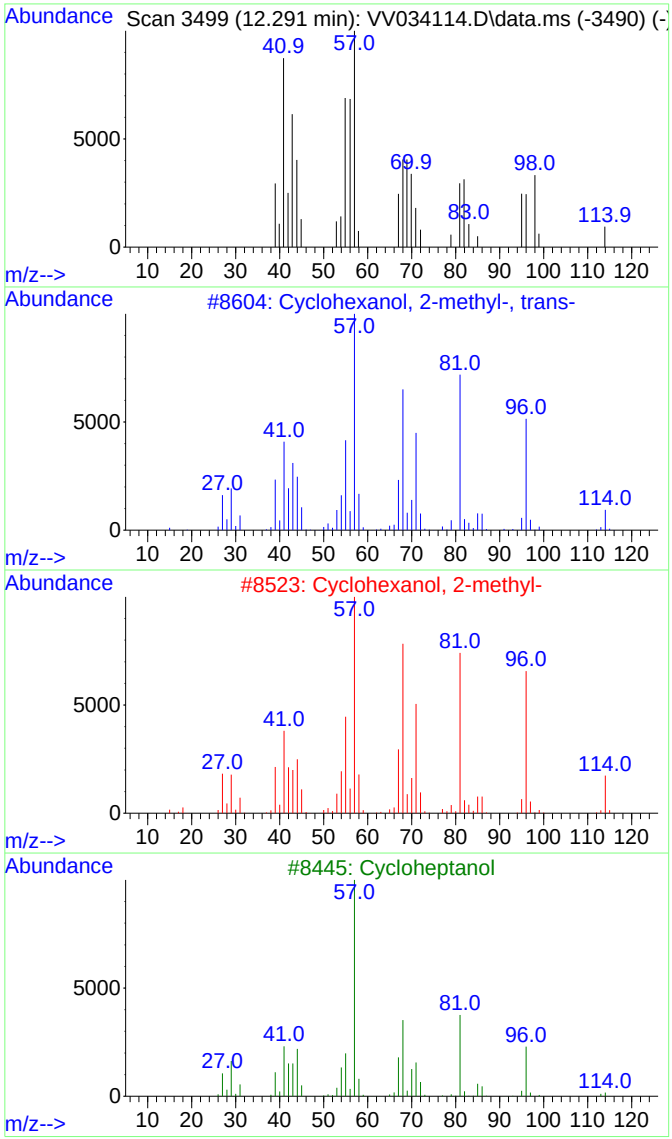
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

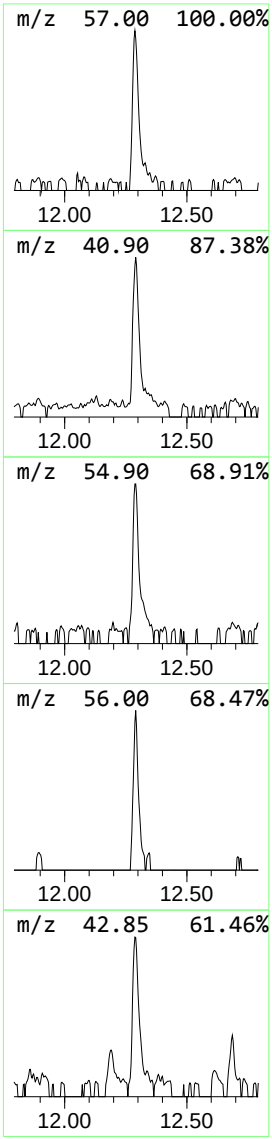
****

Peak Number 9 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.291	0.67 ug/L	30984	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	38
2	Cyclohexanol, 2-methyl-	114	C7H14O	000583-59-5	25
3	Cycloheptanol	114	C7H14O	000502-41-0	22
4	10-Azido-1-decanethiol	215	C10H21N3S	1152113-44-4	22
5	2-Heptene	98	C7H14	000592-77-8	20





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034114.D
Acq On : 09 Feb 2024 16:03
Operator : SY/MD
Sample : P1384-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

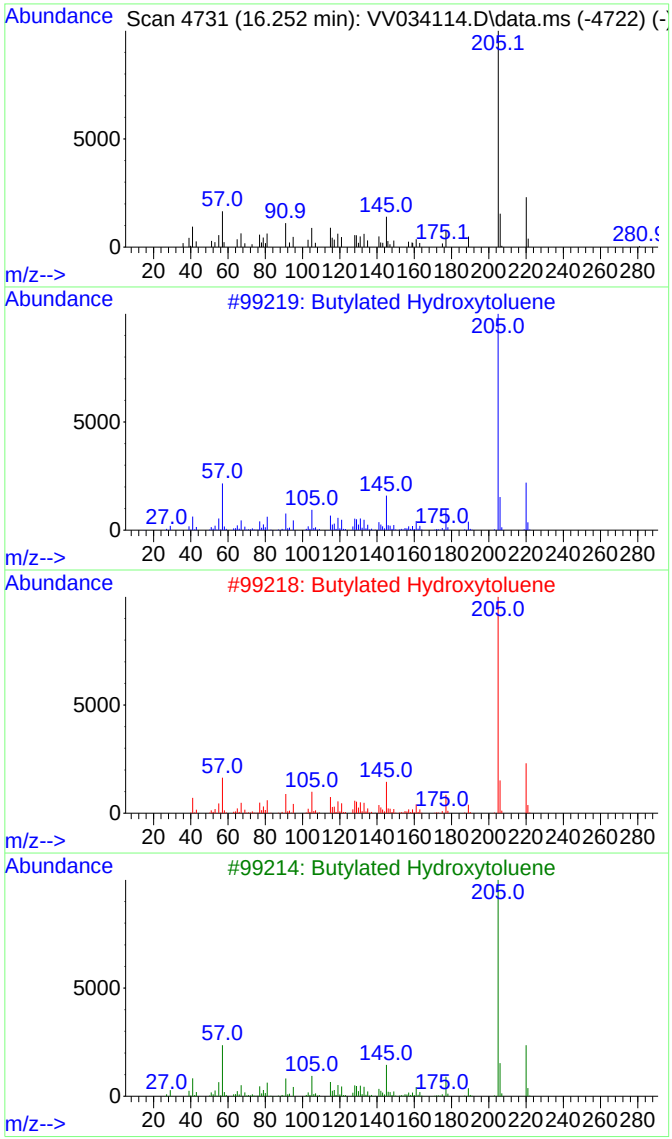
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0

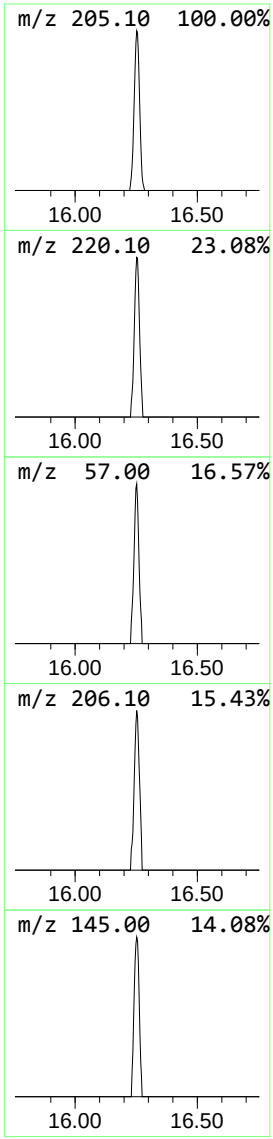
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Butylated Hydroxytoluene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.252	0.77 ug/L	35756	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	98
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020924\
Data File : VV034114.D
Acq On : 09 Feb 2024 16:03
Operator : SY/MD
Sample : P1384-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0YC9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.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
(DEL) Alkane: S...	1.191	0.7	ug/L	25963	1	5.539	175374	5.0
unknown-01	1.359	2.0	ug/L	70764	1	5.539	175374	5.0
Fluorodichlorom...	1.667	1.8	ug/L	64113	1	5.539	175374	5.0
(DEL) Alkane: S...	1.764	0.7	ug/L	22953	1	5.539	175374	5.0
(DEL) Alkane: C...	3.670	0.5	ug/L	18354	1	5.539	175374	5.0
Hexanal	8.185	0.6	ug/L	34792	2	8.786	309798	5.0
Benzene, 1,2,3-...	11.278	0.6	ug/L	25430	3	11.188	232469	5.0
unknown-02	12.291	0.7	ug/L	30984	3	11.188	232469	5.0
Butylated Hydro...	16.252	0.8	ug/L	35756	3	11.188	232469	5.0