LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092622\
Data File : VV028118.D
Acq On : 26 Sep 2022 15:54
Operator : SY/MD
Sample : N4820-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8K8

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\SFAMVTR092222WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV028118.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.130	23	28	39	rVB	60014	72089	10.64%	0.982%
2	1.298	74	80	94	rVB	111042	117883	17.39%	1.606%
3	1.410	109	115	122	rVB	21731	24827	3.66%	0.338%
4	1.561	154	162	176	rBV	99413	113491	16.74%	1.546%
5	2.098	318	329	348	rBV	190430	271245	40.02%	3.695%
6	2.281	378	386	396	rVB2	5125	7982	1.18%	0.109%
7	2.494	443	452	464	rVB2	17046	28340	4.18%	0.386%
8	2.767	521	537	556	rBV	17046	41944	6.19%	0.571%
9	3.024	604	617	630	rVB5	7292	15994	2.36%	0.218%
10	3.288	687	699	714	rVB4	6810	15874	2.34%	0.216%
11	3.918	879	895	923	rBV2	45044	232960	34.37%	3.173%
12	4.336	1009	1025	1047	rBV2	124326	319977	47.21%	4.358%
13	5.034	1226	1242	1270	rBV2	271532	677827	100.00%	9.232%
14	5.606	1407	1420	1446	rBV	190529	402452	59.37%	5.482%
15	5.905	1501	1513	1526	rBV	4214	9662	1.43%	0.132%
16	6.059	1547	1561	1579	rBV	157227	335609	49.51%	4.571%
17	6.979	1837	1847	1869	rBV	68583	136223	20.10%	1.855%
18	7.307	1936	1949	1972	rBV	283188	511467	75.46%	6.966%
19	7.619	2036	2046	2064	rBV	41641	81264	11.99%	1.107%
20	7.934	2131	2144	2155	rBV3	15159	26586	3.92%	0.362%
21	8.088	2181	2192	2225	rBV	297466	644363	95.06%	8.777%
22	8.227	2229	2235	2238	rBV7	5570	6843	1.01%	0.093%
23	8.847	2415	2428	2449	rBV2	311470	596187	87.96%	8.120%
24	9.545	2636	2645	2654	rBV6	6118	10192	1.50%	0.139%
25	10.082	2804	2812	2819	rBV6	5024	8315	1.23%	0.113%
26	10.210	2842	2852	2877	rBV	122518	198802	29.33%	2.708%
27	10.378	2886	2904	2920	rBV4	31023	70333	10.38%	0.958%
28	10.734	3005	3015	3025	rBV6	9500	17445	2.57%	0.238%
29	10.860	3043	3054	3063	rBV3	22371	33880	5.00%	0.461%
30	11.050	3107	3113	3120	rBV	12434	18389	2.71%	0.250%
31	11.246	3162	3174	3194	rVB	329486	518468	76.49%	7.062%
32	11.448	3229	3237	3247	rVB3	22859	34235	5.05%	0.466%
33	11.525	3249	3261	3275	rBV2	201995	361853	53.38%	4.929%
34	11.619	3280	3290	3307	rVB	327112	535032	78.93%	7.287%
35	11.741	3320	3328	3339	rVB4	32146	51250	7.56%	0.698%
36	11.837	3349	3358	3367	rVB4	4262	8673	1.28%	0.118%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092622\
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Acq On : 26 Sep 2022 15:54
Operator : SY/MD
Sample : N4820-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8K8

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\SFAMVTR092222WMA.M
Title : TRACE VOA SFAM1.0

37	12.014	3404	3413	3418	rBV	18097	29936	4.42%	0.408%
38	12.043	3418	3422	3438	rVB5	21063	32389	4.78%	0.441%
39	12.114	3438	3444	3449	rBV3	6811	9206	1.36%	0.125%
40	12.191	3464	3468	3478	rVB5	7302	8736	1.29%	0.119%
41	12.249	3478	3486	3491	rBV3	7420	11711	1.73%	0.160%
42	12.294	3491	3500	3509	rVV2	27744	41194	6.08%	0.561%
43	12.410	3521	3536	3545	rBV	72668	121112	17.87%	1.650%
44	12.545	3572	3578	3586	rVB5	9878	14569	2.15%	0.198%
45	12.660	3600	3614	3626	rBV10	31819	79453	11.72%	1.082%
46	12.718	3627	3632	3640	rVB3	8391	12820	1.89%	0.175%
47	12.876	3668	3681	3696	rBV2	72843	126673	18.69%	1.725%
48	13.207	3781	3784	3794	rVB6	6659	7658	1.13%	0.104%
49	13.265	3794	3802	3810	rVV4	17914	29849	4.40%	0.407%
50	13.329	3814	3822	3829	rVV4	19249	36696	5.41%	0.500%
51	13.365	3829	3833	3849	rVB5	16000	25882	3.82%	0.353%
52	13.484	3861	3870	3881	rBV3	8317	17064	2.52%	0.232%
53	13.548	3883	3890	3902	rVV10	10165	22543	3.33%	0.307%
54	13.609	3902	3909	3918	rVB10	6999	12678	1.87%	0.173%
55	13.699	3932	3937	3949	rVB9	9191	15879	2.34%	0.216%
56	13.911	3990	4003	4014	rBV8	12350	29008	4.28%	0.395%
57	14.085	4049	4057	4067	rVB5	9985	16013	2.36%	0.218%
58	14.229	4092	4102	4111	rVB3	8067	14082	2.08%	0.192%
59	14.291	4114	4121	4132	rVB9	6959	10354	1.53%	0.141%
60	14.429	4152	4164	4178	rVB9	8609	20514	3.03%	0.279%
61	14.519	4186	4192	4200	rVB10	4847	7450	1.10%	0.101%
62	15.107	4367	4375	4384	rBV10	8080	13386	1.97%	0.182%
63	16.178	4700	4708	4716	rVB10	11119	17044	2.51%	0.232%

Sum of corrected areas: 7341855

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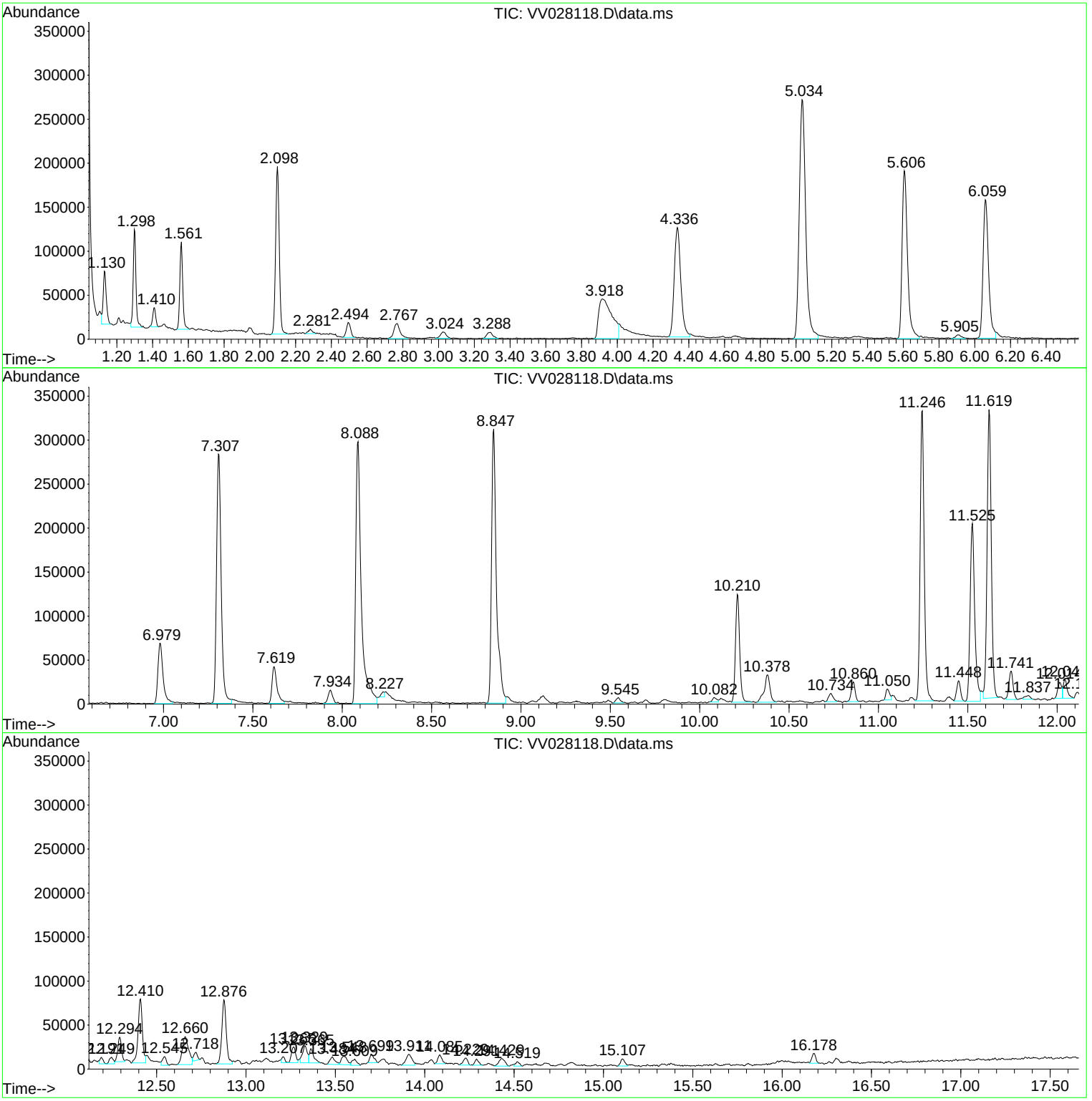
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8K8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.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\VV092622\
Data File : VV028118.D
Acq On : 26 Sep 2022 15:54
Operator : SY/MD
Sample : N4820-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8K8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

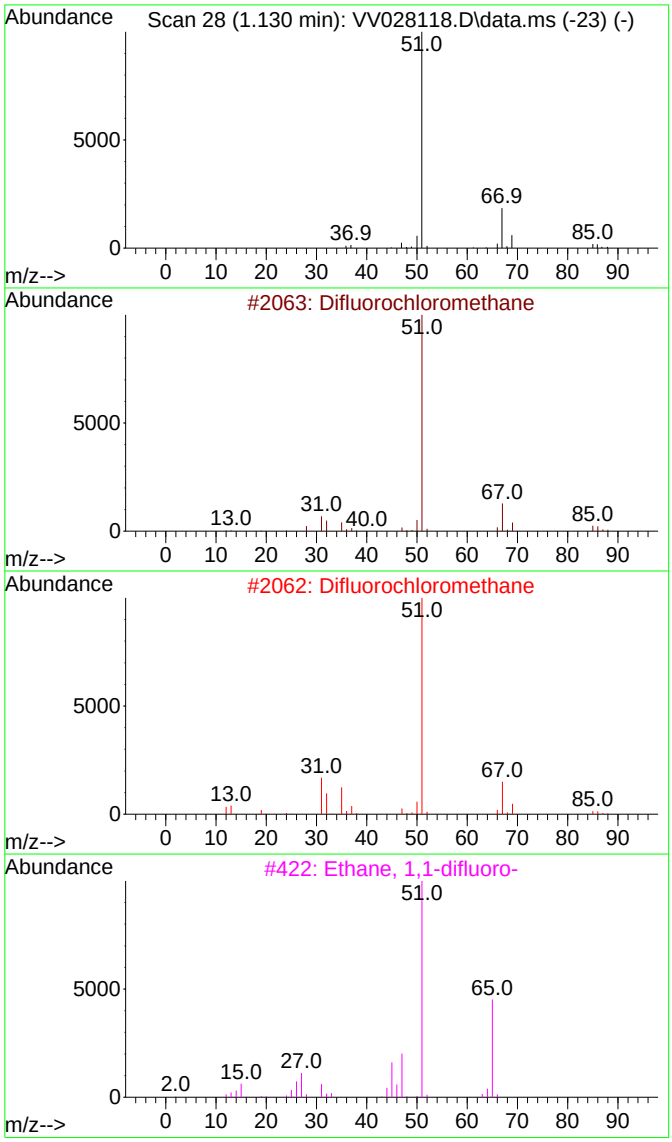
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

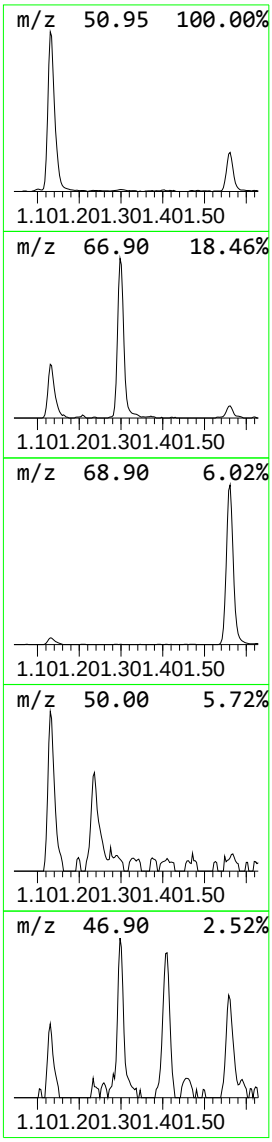
****

Peak Number 1 Difluorochloromethane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.130	0.90 ug/L	72089	1,4-Difluorobenzene	5.606

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Difluorochloromethane	86	CHClF2	000075-45-6	91
2	Difluorochloromethane	86	CHClF2	000075-45-6	91
3	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	7
4	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	5
5	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092622\
Data File : VV028118.D
Acq On : 26 Sep 2022 15:54
Operator : SY/MD
Sample : N4820-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8K8

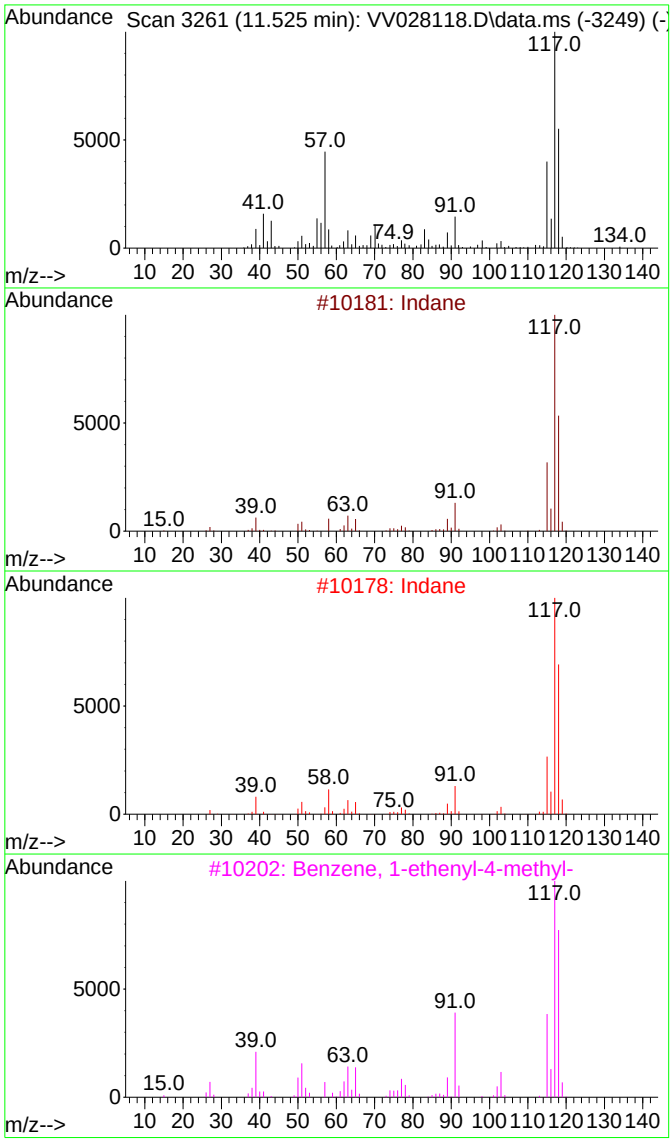
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

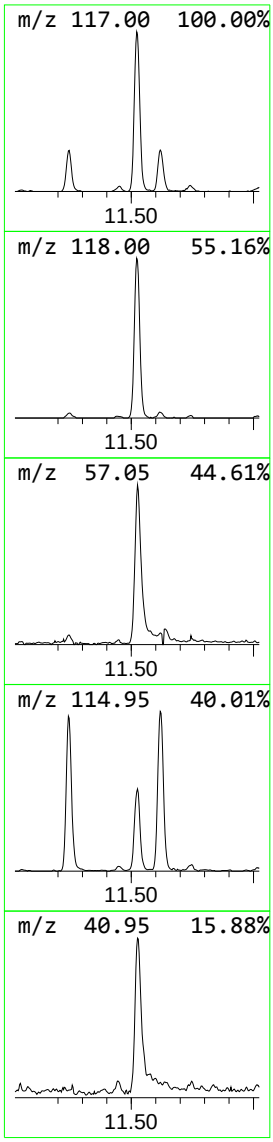
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.525	3.49 ug/L	361853	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	95
2	Indane	118	C9H10	000496-11-7	92
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	70
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	58
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092622\
Data File : VV028118.D
Acq On : 26 Sep 2022 15:54
Operator : SY/MD
Sample : N4820-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8K8

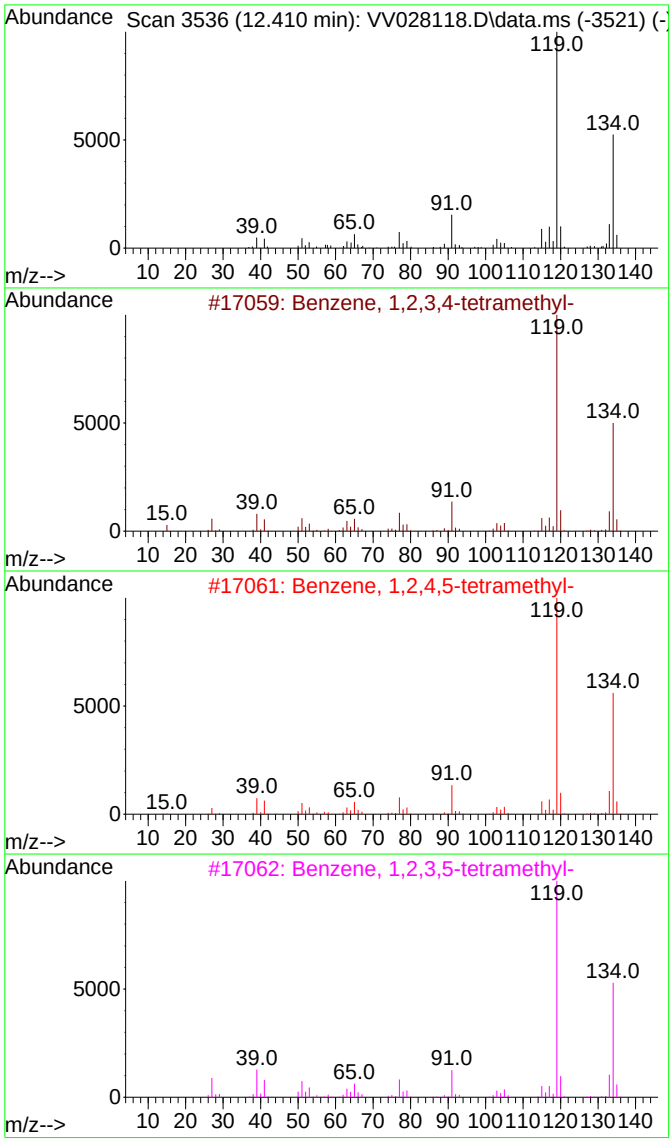
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

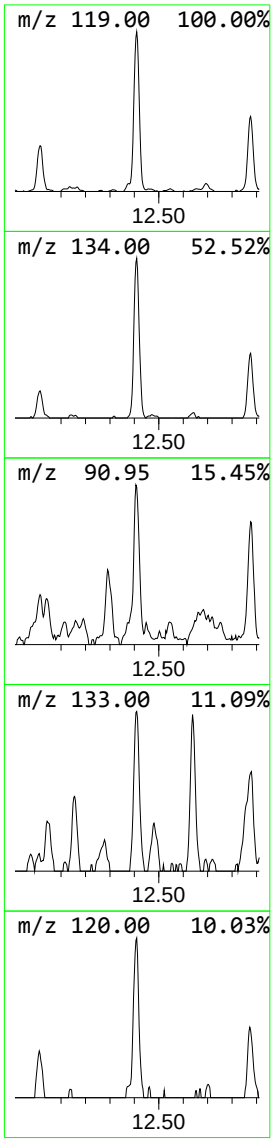
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	1.17 ug/L	121112	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092622\
Data File : VV028118.D
Acq On : 26 Sep 2022 15:54
Operator : SY/MD
Sample : N4820-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8K8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

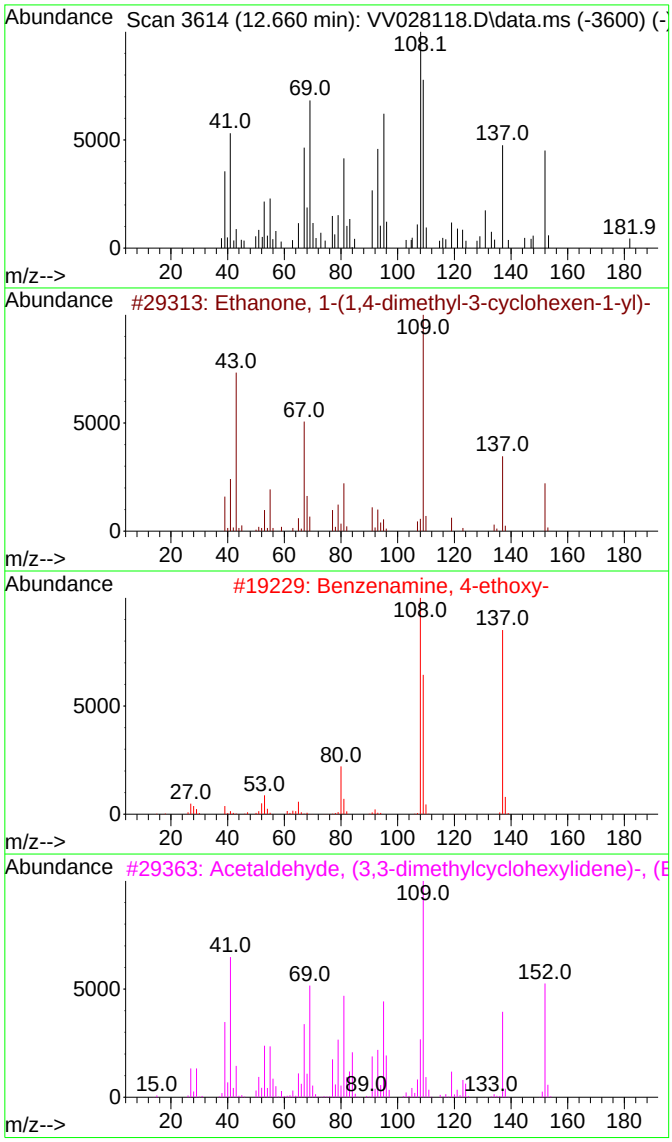
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

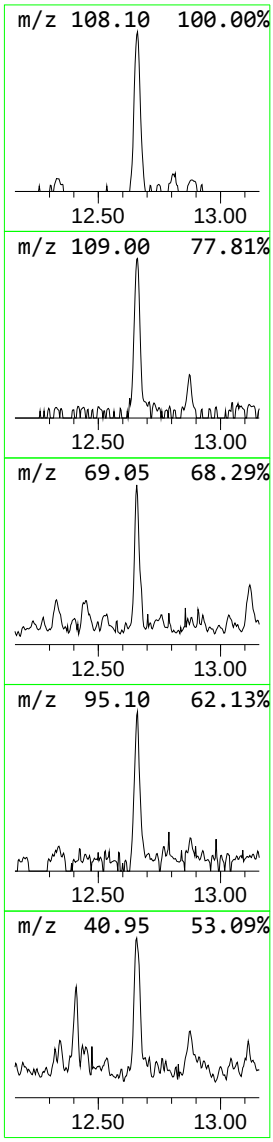
****

Peak Number 6 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.660	0.77 ug/L	79453	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(1,4-dimethyl-3-cycl...	152	C10H16O	043219-68-7	46
2	Benzenamine, 4-ethoxy-	137	C8H11NO	000156-43-4	43
3	Acetaldehyde, (3,3-dimethylcyclo...	152	C10H16O	026532-25-2	43
4	(1,2,2-trimethyl-3-cyclopenten-1...	152	C10H16O	1000365-94-3	38
5	1-Cyclohexene-1-carboxaldehyde, ...	152	C10H16O	021391-98-0	38





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Data File : VV028118.D
Acq On : 26 Sep 2022 15:54
Operator : SY/MD
Sample : N4820-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8K8

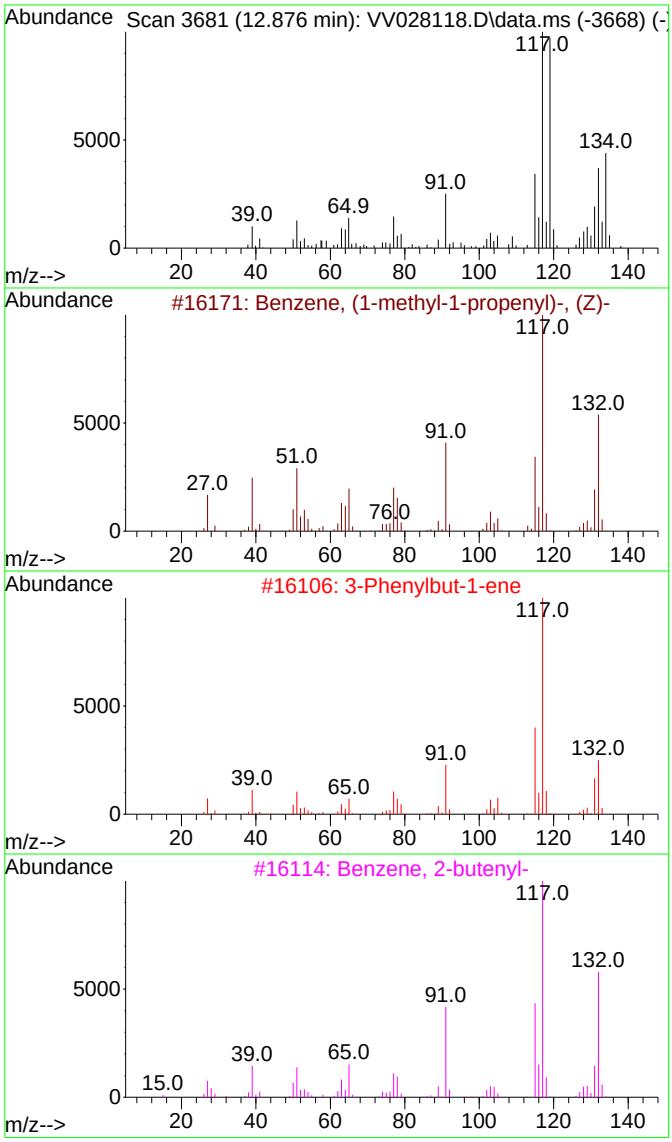
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0

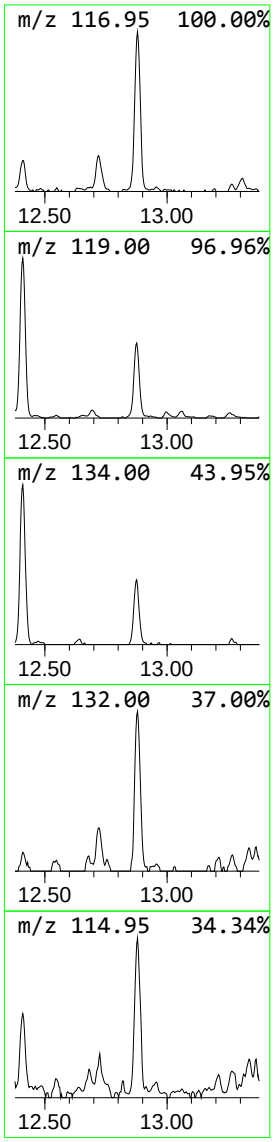
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, (1-methyl-1-propen... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.876	1.22 ug/L	126673	1,4-Dichlorobenzene-d4	11.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	70
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	50
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092622\
Data File : VV028118.D
Acq On : 26 Sep 2022 15:54
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
CB8K8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.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...	1.130	0.9	ug/L	72089	1	5.606	402452	5.0
Indane	11.525	3.5	ug/L	361853	3	11.246	518468	5.0
Benzene, 1,2,3,...	12.410	1.2	ug/L	121112	3	11.246	518468	5.0
unknown-01	12.660	0.8	ug/L	79453	3	11.246	518468	5.0
Benzene, (1-met...	12.876	1.2	ug/L	126673	3	11.246	518468	5.0