

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122721\
 Data File : VV024184.D
 Acq On : 27 Dec 2021 17:03
 Operator : SY/MD
 Sample : M5170-06RE
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AO4

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\SFAMVTR122721WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV024184.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.111	16	22	35	rVB2	135859	212129	42.98%	3.136%
2	1.214	48	54	61	rBV	101903	90782	18.39%	1.342%
3	1.307	72	83	93	rBV2	145950	194814	39.47%	2.880%
4	1.356	93	98	105	rVB	14272	14245	2.89%	0.211%
5	1.417	111	117	126	rVB3	9455	10767	2.18%	0.159%
6	1.568	156	164	175	rBV	62031	77515	15.71%	1.146%
7	1.635	176	185	198	rVV	40651	54898	11.12%	0.812%
8	1.809	232	239	254	rVB2	21500	30943	6.27%	0.457%
9	2.024	300	306	316	rVB3	11257	16334	3.31%	0.241%
10	2.108	322	332	350	rVB	123032	181264	36.73%	2.680%
11	2.204	350	362	376	rBV3	15638	30105	6.10%	0.445%
12	2.298	381	391	404	rVB2	27977	43259	8.76%	0.640%
13	2.529	459	463	472	rVB3	4495	6051	1.23%	0.089%
14	2.581	472	479	494	rVB5	5727	10361	2.10%	0.153%
15	2.764	522	536	550	rVB8	7932	16567	3.36%	0.245%
16	3.047	613	624	634	rBV6	4021	7857	1.59%	0.116%
17	3.764	830	847	860	rBV4	7379	18136	3.67%	0.268%
18	3.912	880	893	918	rBV4	43257	159963	32.41%	2.365%
19	4.349	1013	1029	1053	rBV	90509	225280	45.64%	3.330%
20	4.674	1118	1130	1143	rBV10	3245	8071	1.64%	0.119%
21	5.047	1227	1246	1257	rBV2	200423	493563	100.00%	7.297%
22	5.616	1412	1423	1448	rBV	147398	305001	61.80%	4.509%
23	5.918	1501	1517	1541	rBV2	44087	93353	18.91%	1.380%
24	6.069	1552	1564	1595	rVB2	109087	235060	47.63%	3.475%
25	6.986	1835	1849	1868	rBV	55650	104673	21.21%	1.547%
26	7.233	1916	1926	1941	rBV3	17267	35002	7.09%	0.517%
27	7.317	1941	1952	1965	rVV	252385	437004	88.54%	6.461%
28	7.387	1965	1974	1996	rVB	155721	270367	54.78%	3.997%
29	7.529	2010	2018	2027	rVB2	5157	7678	1.56%	0.114%
30	7.625	2038	2048	2064	rBV3	33121	59570	12.07%	0.881%
31	7.706	2064	2073	2083	rVB	3974	6429	1.30%	0.095%
32	7.976	2147	2157	2170	rVB3	43027	71202	14.43%	1.053%
33	8.088	2181	2192	2227	rBV	214746	431451	87.42%	6.378%
34	8.850	2416	2429	2456	rBV	241629	406170	82.29%	6.005%
35	9.014	2470	2480	2491	rBV	49832	79616	16.13%	1.177%
36	9.140	2505	2519	2534	rVB	79633	135920	27.54%	2.009%

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37	9.310	2563	2572	2583	rVB9	4137	8409	1.70%	0.124%
38	9.545	2636	2645	2658	rBV2	31015	50145	10.16%	0.741%
39	9.712	2682	2697	2707	rBV3	6937	13523	2.74%	0.200%
40	9.934	2756	2766	2774	rBV3	5480	8663	1.76%	0.128%
41	10.217	2841	2854	2868	rBV2	80410	129125	26.16%	1.909%
42	10.355	2886	2897	2915	rBV2	11661	20717	4.20%	0.306%
43	10.448	2915	2926	2932	rBV2	29386	49914	10.11%	0.738%
44	10.538	2948	2954	2963	rVB2	12295	17603	3.57%	0.260%
45	10.738	3007	3016	3025	rBV	14085	23012	4.66%	0.340%
46	10.915	3061	3071	3091	rVB	60332	96094	19.47%	1.421%
47	11.040	3103	3110	3119	rBV6	3429	6016	1.22%	0.089%
48	11.188	3149	3156	3164	rBV8	5428	9224	1.87%	0.136%
49	11.249	3164	3175	3192	rVV	299525	459507	93.10%	6.793%
50	11.336	3192	3202	3214	rVB2	28530	44029	8.92%	0.651%
51	11.532	3252	3263	3272	rBV4	40926	81186	16.45%	1.200%
52	11.622	3282	3291	3313	rVB	270099	460179	93.24%	6.803%
53	11.821	3346	3353	3365	rVB	6433	10438	2.11%	0.154%
54	11.911	3372	3381	3385	rBV2	12813	18676	3.78%	0.276%
55	11.937	3387	3389	3403	rVB2	9670	11974	2.43%	0.177%
56	12.014	3405	3413	3419	rBV2	21140	30898	6.26%	0.457%
57	12.114	3432	3444	3467	rBV4	19219	41647	8.44%	0.616%
58	12.239	3473	3483	3494	rBV4	6643	15633	3.17%	0.231%
59	12.313	3497	3506	3512	rBV2	6629	9392	1.90%	0.139%
60	12.413	3528	3537	3545	rBV	17367	26453	5.36%	0.391%
61	12.464	3545	3553	3568	rVB	30198	44883	9.09%	0.664%
62	12.725	3625	3634	3649	rVB2	24548	43124	8.74%	0.638%
63	12.882	3665	3683	3695	rBV2	46069	83646	16.95%	1.237%
64	13.046	3725	3734	3753	rVB3	14281	26403	5.35%	0.390%
65	13.214	3779	3786	3795	rBV4	7643	12576	2.55%	0.186%
66	13.265	3795	3802	3810	rBV3	14653	21744	4.41%	0.321%
67	13.323	3816	3820	3827	rVB7	5121	6210	1.26%	0.092%
68	13.368	3828	3834	3839	rVV4	5344	6207	1.26%	0.092%
69	13.503	3866	3876	3886	rBV	58795	90726	18.38%	1.341%
70	13.615	3902	3911	3917	rBV8	4185	7718	1.56%	0.114%
71	13.712	3929	3941	3946	rBV9	5254	10694	2.17%	0.158%
72	13.741	3946	3950	3967	rVB9	8091	17912	3.63%	0.265%
73	13.908	3993	4002	4010	rVB4	7137	9676	1.96%	0.143%
74	14.098	4049	4061	4073	rBV7	12175	25424	5.15%	0.376%
75	14.291	4112	4121	4133	rBV6	5531	8980	1.82%	0.133%
76	14.429	4155	4164	4174	rVB6	5029	8532	1.73%	0.126%

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77	14.635	4216	4228	4236	rBV	28485	48109	9.75%	0.711%
78	14.815	4275	4284	4296	rBV2	17315	28657	5.81%	0.424%
79	15.503	4490	4498	4509	rBV2	6102	10103	2.05%	0.149%
80	15.667	4540	4549	4555	rBV5	4107	6319	1.28%	0.093%
81	15.812	4585	4594	4600	rBV5	5119	7682	1.56%	0.114%
82	16.181	4702	4709	4716	rBV6	6291	8446	1.71%	0.125%
83	17.098	4987	4994	5004	rBV6	4036	6596	1.34%	0.098%

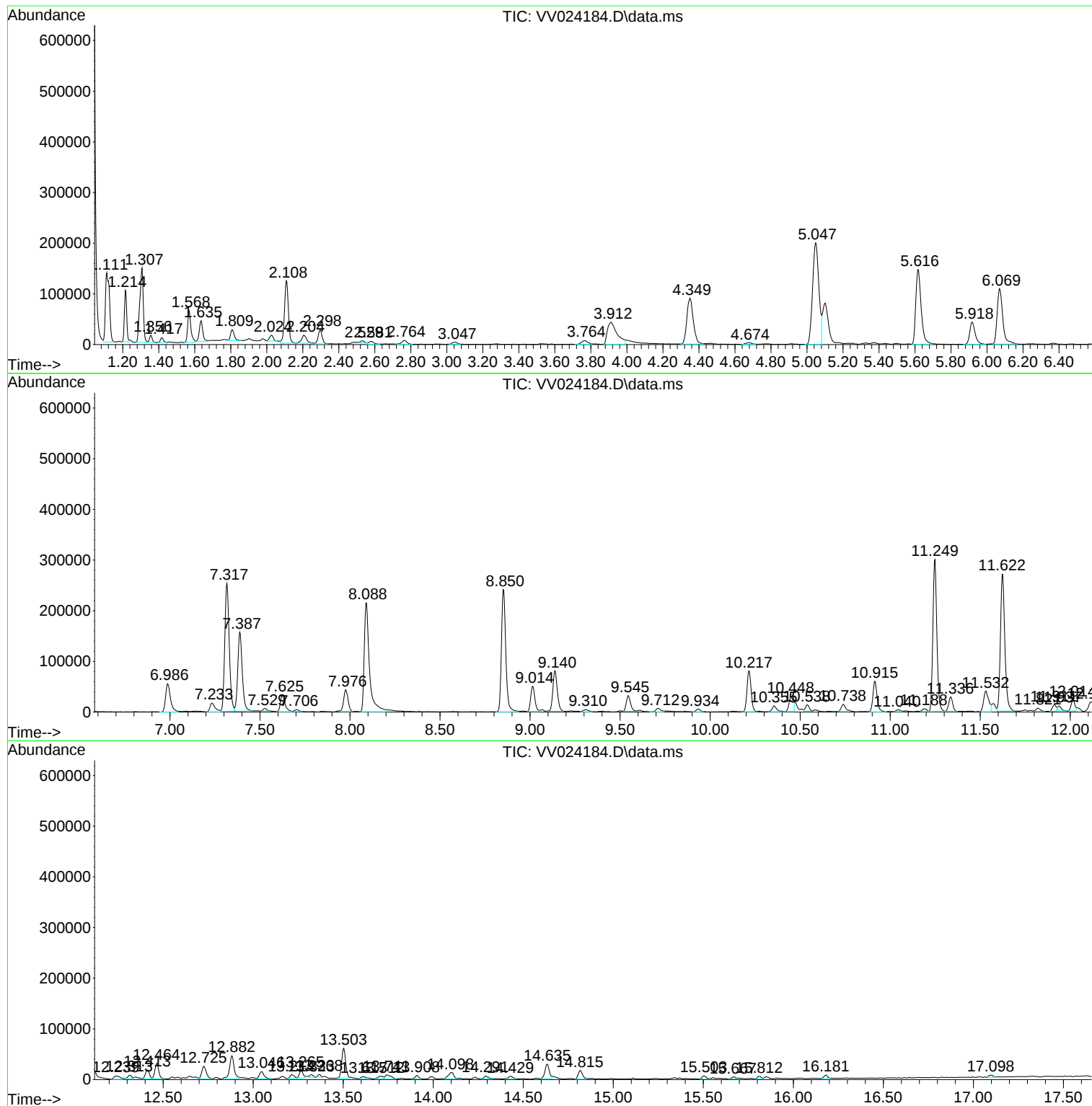
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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Instrument :
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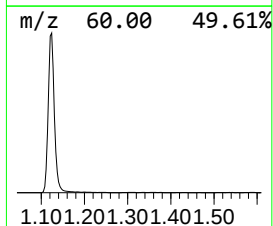
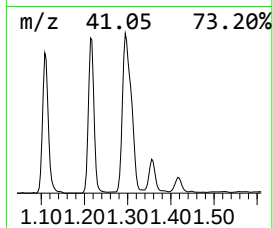
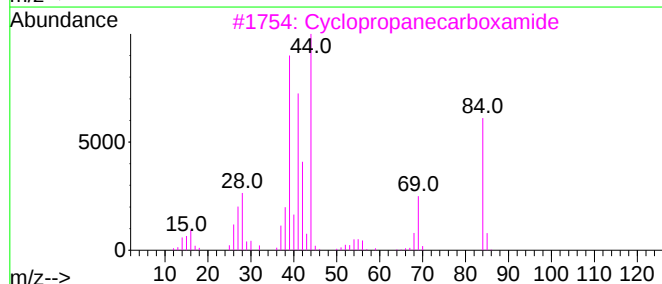
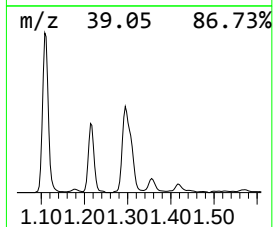
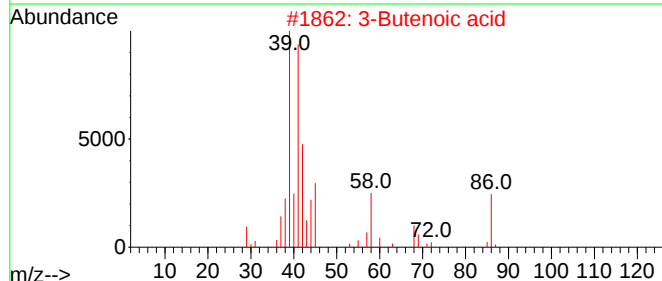
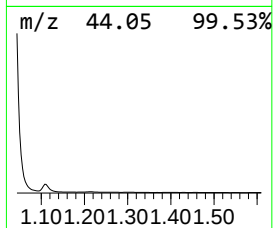
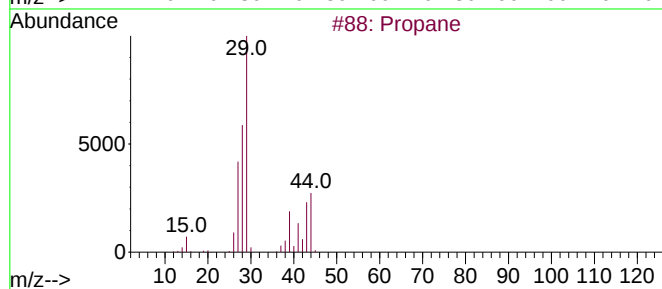
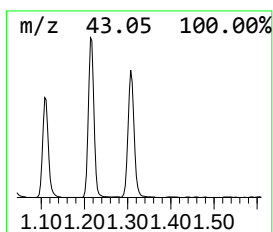
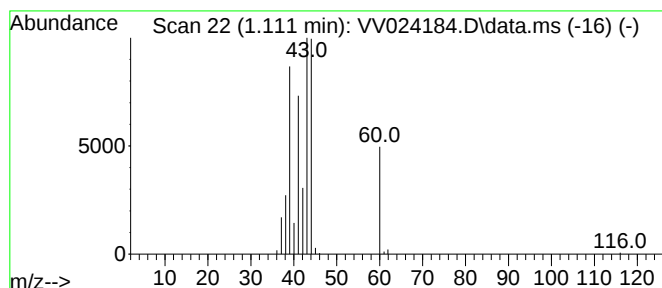
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.111	3.48 ug/L	212129	1,4-Difluorobenzene	5.616

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Propane	44	C3H8	000074-98-6	64
2		3-Butenoic acid	86	C4H6O2	000625-38-7	40
3		Cyclopropanecarboxamide	85	C4H7NO	006228-73-5	38
4		Acetoacetic acid, 1-thio-, S-all...	158	C7H10O2S	015780-65-1	38
5		2-Butenal, (E)-	70	C4H6O	000123-73-9	36



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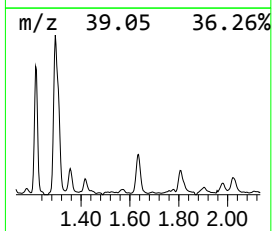
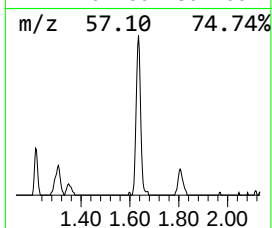
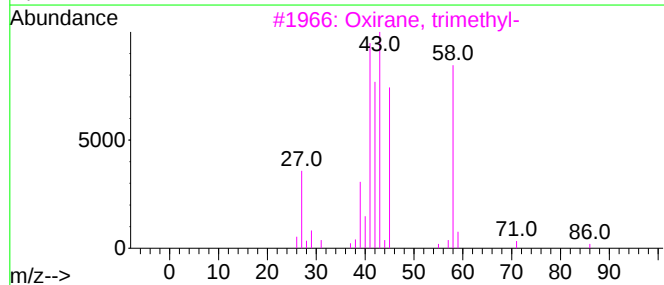
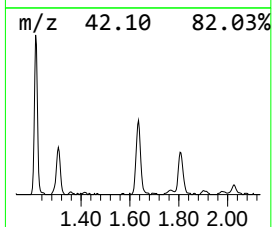
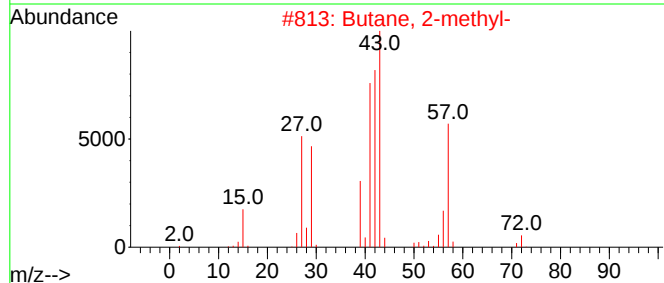
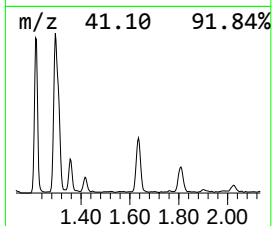
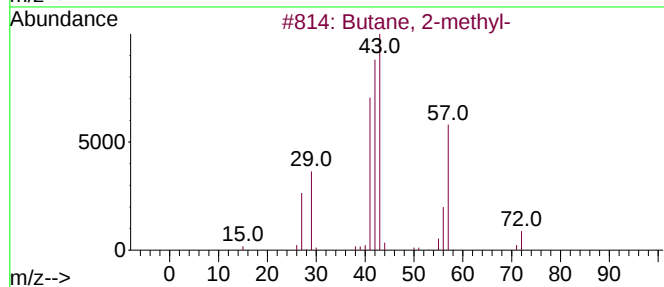
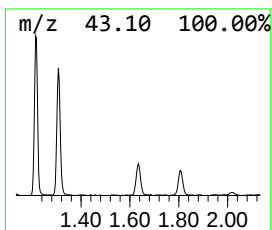
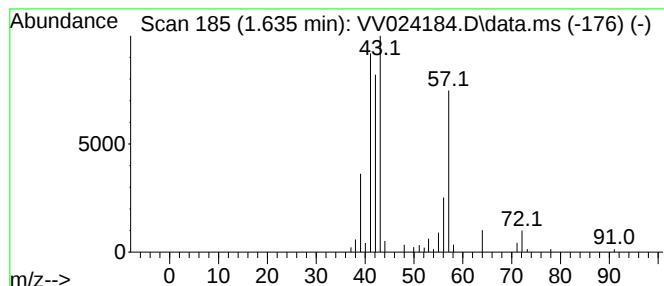
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.635	0.90 ug/L	54898	1,4-Difluorobenzene	5.616

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methyl-	72	C5H12	000078-78-4	86
2		Butane, 2-methyl-	72	C5H12	000078-78-4	86
3		Oxirane, trimethyl-	86	C5H10O	005076-19-7	40
4		Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	25
5		Pentane	72	C5H12	000109-66-0	25



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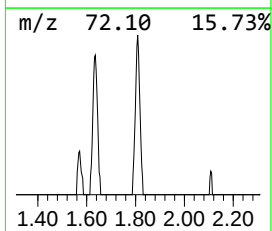
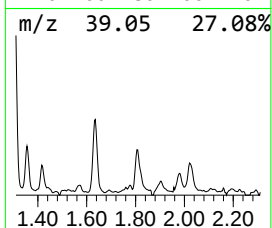
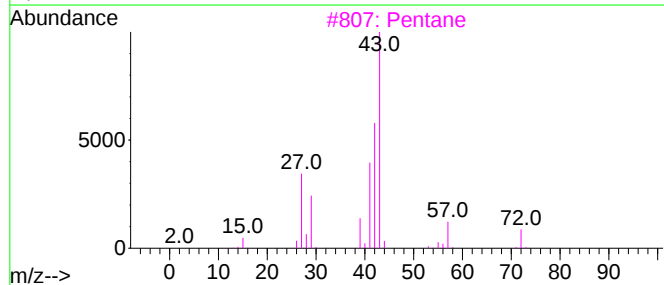
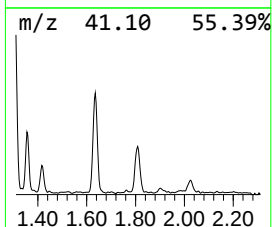
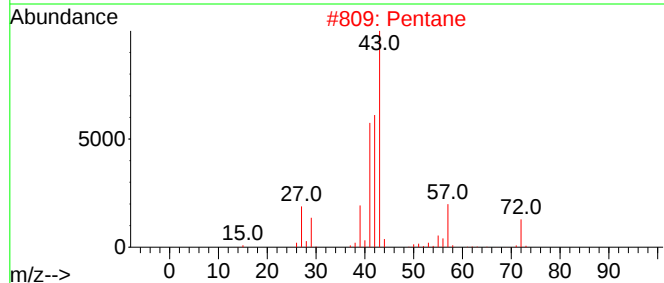
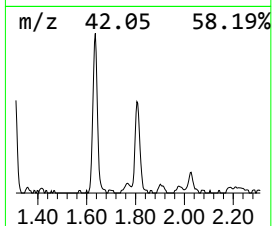
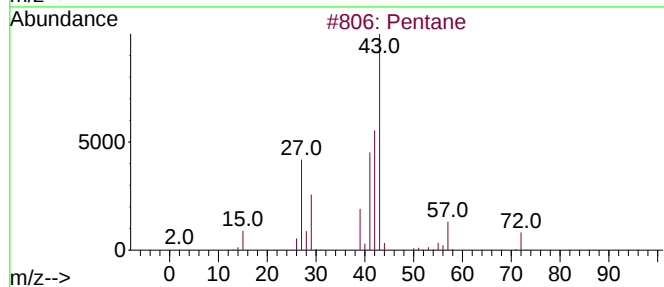
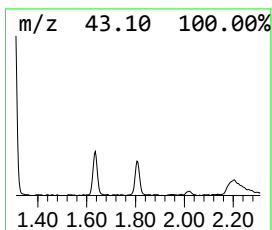
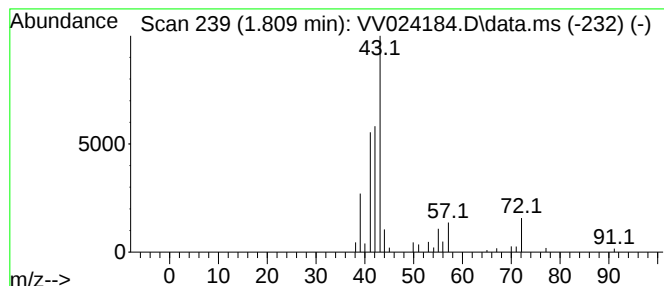
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.809	0.51 ug/L	30943	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	64
2	Pentane	72	C5H12	000109-66-0	64
3	Pentane	72	C5H12	000109-66-0	64
4	Pentane	72	C5H12	000109-66-0	59
5	Pentane	72	C5H12	000109-66-0	59



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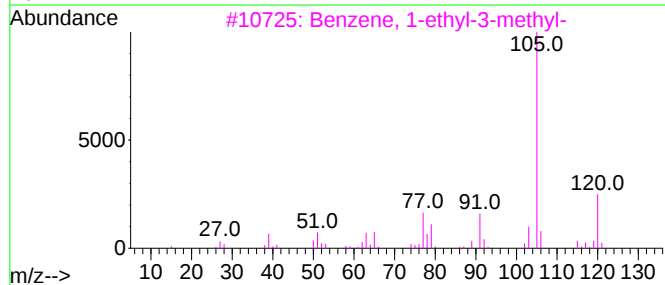
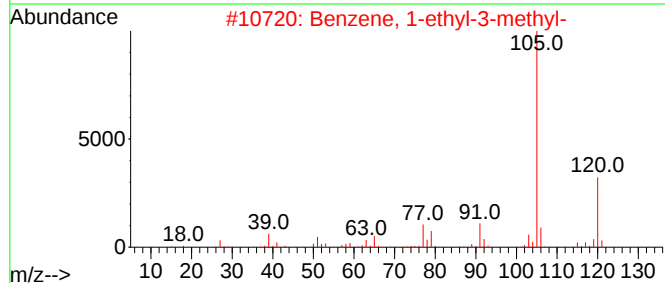
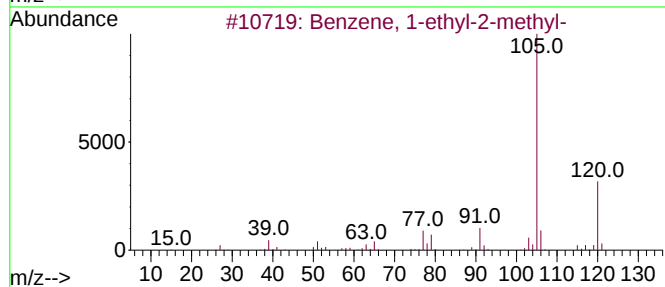
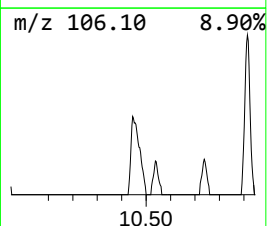
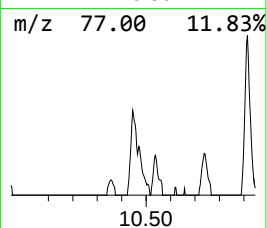
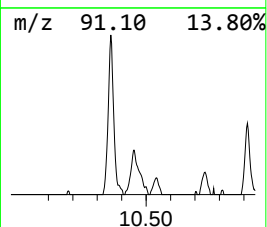
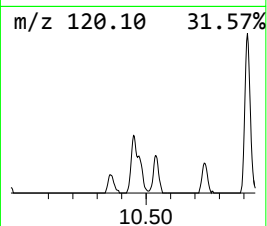
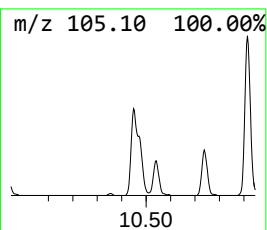
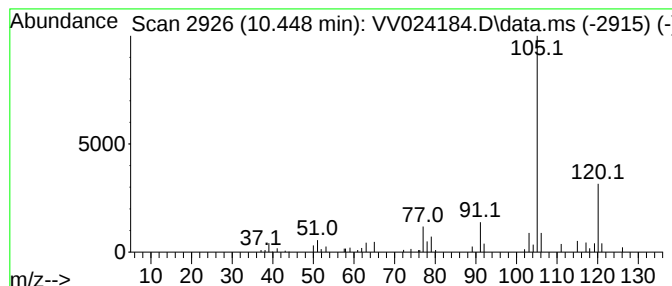
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	0.54 ug/L	49914	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4			Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122721\
Data File : VV024184.D
Acq On : 27 Dec 2021 17:03
Operator : SY/MD
Sample : M5170-06RE
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AO4

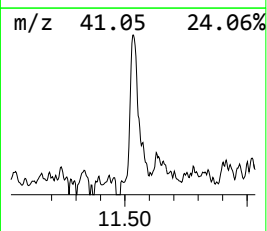
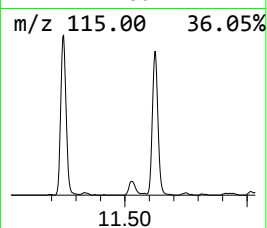
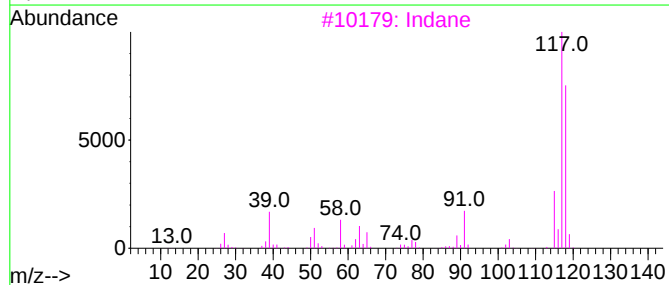
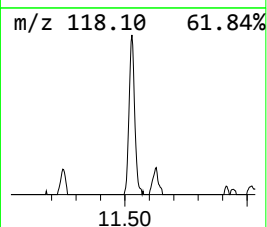
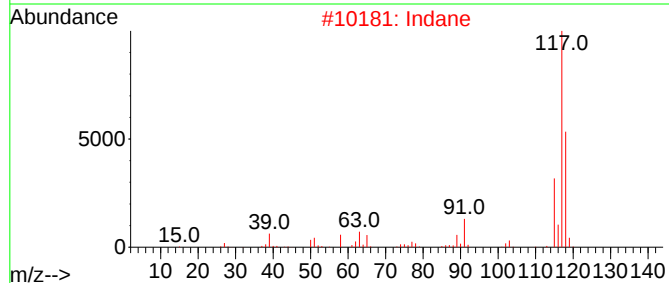
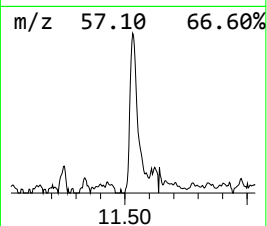
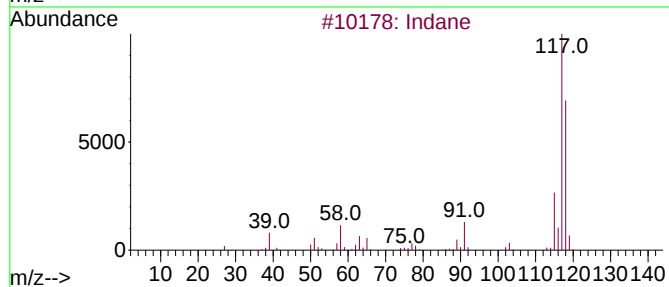
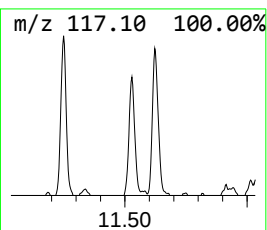
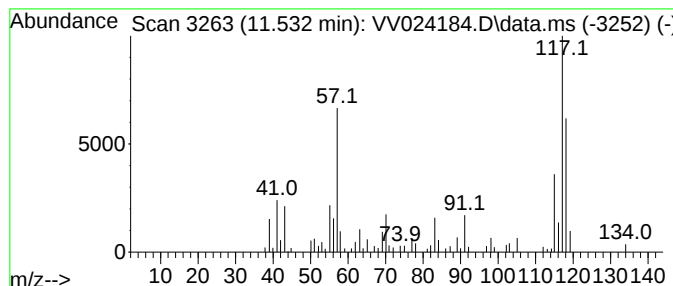
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Indane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.532	0.88 ug/L	81186	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane			118	C9H10	000496-11-7	95
2	Indane			118	C9H10	000496-11-7	93
3	Indane			118	C9H10	000496-11-7	90
4	Benzeneethanol, .beta.-ethenyl-			148	C10H12O	006052-63-7	86
5	Benzene, 1-ethenyl-2-methyl-			118	C9H10	000611-15-4	81



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122721\
Data File : VV024184.D
Acq On : 27 Dec 2021 17:03
Operator : SY/MD
Sample : M5170-06RE
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AO4

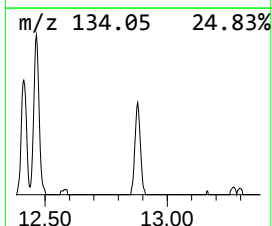
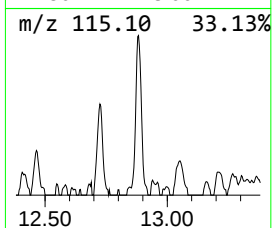
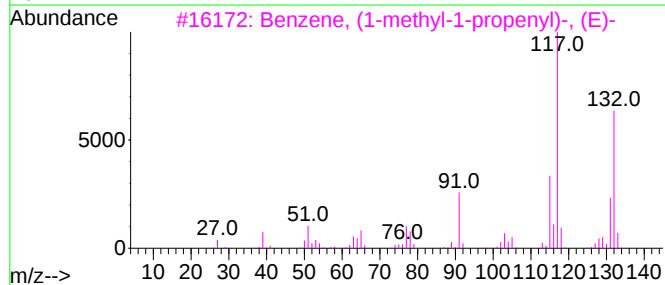
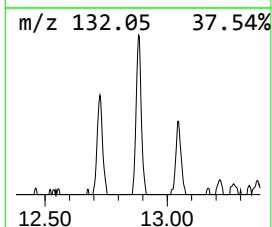
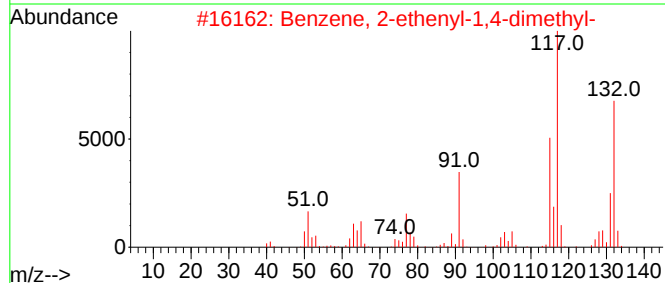
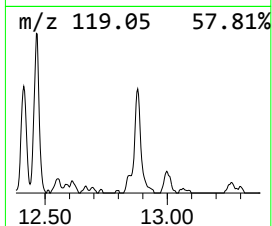
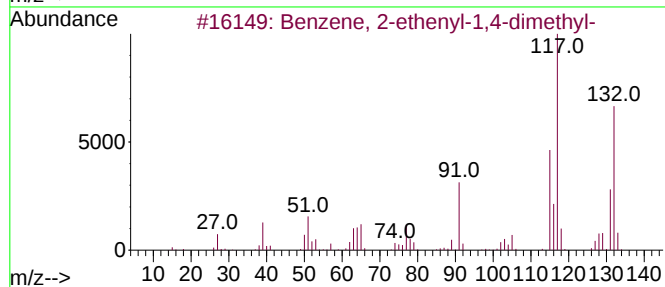
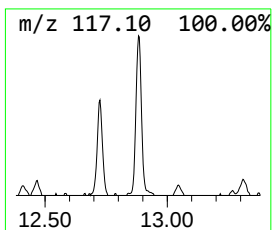
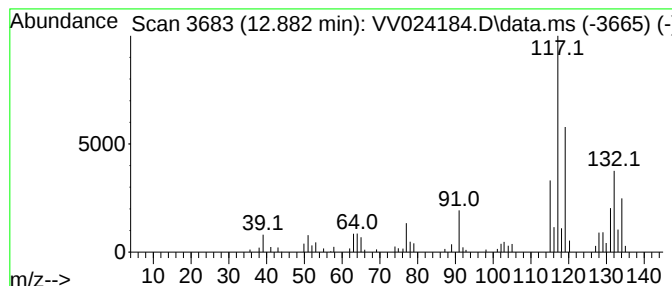
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.882	0.91 ug/L	83646	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
2			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	86
3			Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64
4			1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
5			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122721\
Data File : VV024184.D
Acq On : 27 Dec 2021 17:03
Operator : SY/MD
Sample : M5170-06RE
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AO4

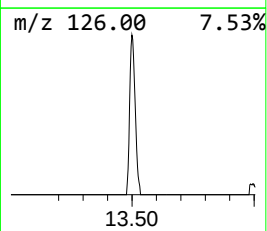
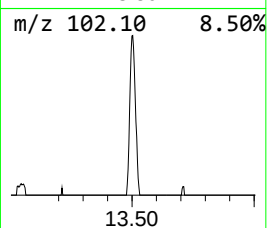
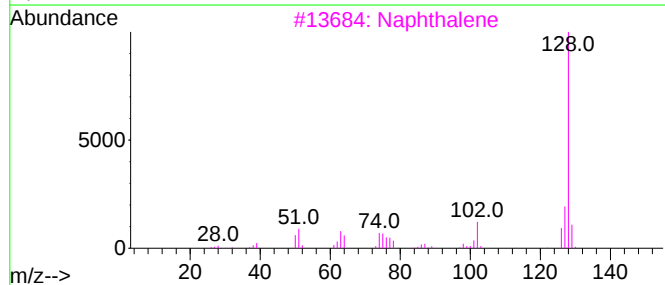
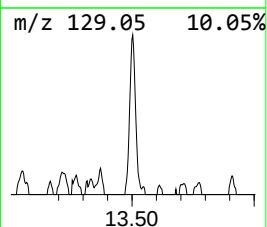
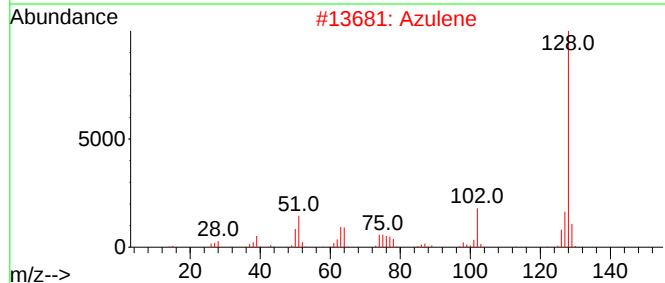
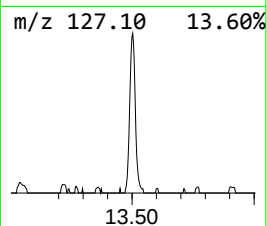
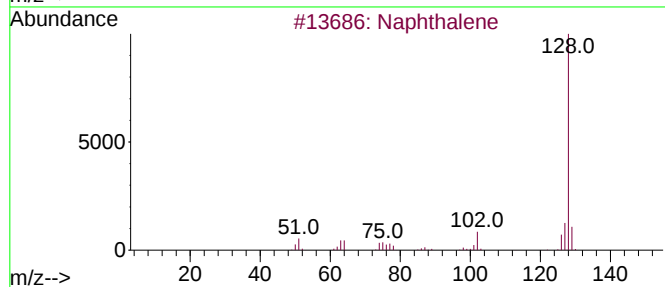
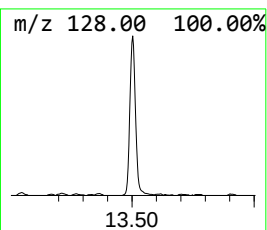
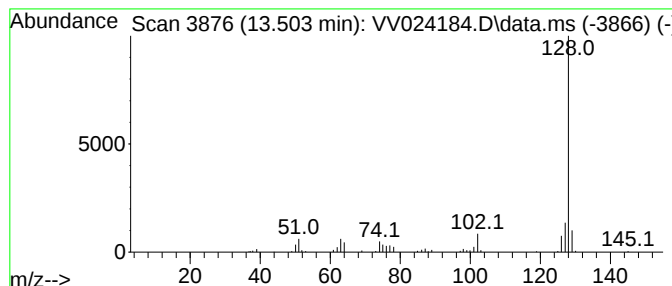
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Azulene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	0.99 ug/L	90726	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	95
2			Azulene	128	C10H8	000275-51-4	91
3			Naphthalene	128	C10H8	000091-20-3	91
4			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
5			Naphthalene	128	C10H8	000091-20-3	90



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV122721\
Data File : VV024184.D
Acq On : 27 Dec 2021 17:03
Operator : SY/MD
Sample : M5170-06RE
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0AO4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	1.111	3.5	ug/L	212129	1	5.616	305001	5.0
(DEL) Alkane: S...	1.635	0.9	ug/L	54898	1	5.616	305001	5.0
(DEL) Alkane: S...	1.809	0.5	ug/L	30943	1	5.616	305001	5.0
Benzene, 1-ethy...	10.448	0.5	ug/L	49914	3	11.249	459507	5.0
Indane	11.532	0.9	ug/L	81186	3	11.249	459507	5.0
Benzene, 2-ethe...	12.882	0.9	ug/L	83646	3	11.249	459507	5.0
Azulene	13.503	1.0	ug/L	90726	3	11.249	459507	5.0