LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101723\
Data File : VV032455.D
Acq On : 17 Oct 2023 19:07
Operator : SY/MD
Sample : 04903-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AF7

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\SFAMVTR092923WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV032455.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	28	rVB3	45327	55579	9.35%	1.072%
2	1.191	41	47	52	rBV	15135	13754	2.31%	0.265%
3	1.278	63	74	86	rBV	73900	84163	14.16%	1.623%
4	1.532	146	153	166	rBV	48822	57672	9.70%	1.112%
5	1.597	166	173	183	rVV	17840	22071	3.71%	0.426%
6	1.767	219	226	233	rVB	13755	16381	2.76%	0.316%
7	2.060	307	317	332	rBV	86482	130111	21.88%	2.508%
8	2.519	452	460	474	rVB4	3507	6538	1.10%	0.126%
9	2.699	505	516	530	rVB8	4609	11103	1.87%	0.214%
10	2.970	589	600	612	rVB6	3087	6708	1.13%	0.129%
11	3.670	803	818	832	rBV4	5453	13418	2.26%	0.259%
12	3.806	850	860	895	rBV	62637	209191	35.18%	4.033%
13	4.252	983	999	1020	rBV	70318	187375	31.51%	3.612%
14	4.960	1203	1219	1239	rBV2	154894	404614	68.05%	7.801%
15	5.539	1387	1399	1415	rBV	152153	318939	53.64%	6.149%
16	5.992	1527	1540	1555	rBV	92999	201873	33.95%	3.892%
17	6.921	1816	1829	1855	rBV2	41142	91397	15.37%	1.762%
18	7.246	1918	1930	1945	rBV	175369	329570	55.43%	6.354%
19	7.323	1946	1954	1981	rVB	58910	124826	20.99%	2.407%
20	7.561	2018	2028	2043	rBV3	24536	49547	8.33%	0.955%
21	7.879	2117	2127	2146	rVB3	7434	17056	2.87%	0.329%
22	8.030	2163	2174	2212	rBV	284472	594576	100.00%	11.463%
23	8.789	2399	2410	2432	rBV	243377	428181	72.01%	8.255%
24	8.953	2449	2461	2475	rBV	40192	71320	12.00%	1.375%
25	9.075	2488	2499	2519	rBV	106153	190219	31.99%	3.667%
26	9.484	2615	2626	2643	rBV	40314	69400	11.67%	1.338%
27	9.873	2738	2747	2756	rBV2	4486	7182	1.21%	0.138%
28	10.156	2823	2835	2857	rBV	87560	142398	23.95%	2.745%
29	10.297	2869	2879	2883	rBV	12213	18652	3.14%	0.360%
30	10.326	2883	2888	2898	rVB2	16475	24730	4.16%	0.477%
31	10.390	2898	2908	2924	rBV	29355	66937	11.26%	1.290%
32	10.481	2929	2936	2946	rVB2	10574	16496	2.77%	0.318%
33	10.680	2987	2998	3013	rBV2	16433	26173	4.40%	0.505%
34	10.857	3039	3053	3067	rBV	49761	80642	13.56%	1.555%
35	11.188	3146	3156	3175	rBV	271651	425612	71.58%	8.205%
36	11.278	3175	3184	3197	rVB2	14907	24468	4.12%	0.472%

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Title : TRACE VOA SFAM1.0

37	11.471	3232	3244	3254	rBV	19897	40733	6.85%	0.785%
38	11.564	3263	3273	3296	rVB	211267	351259	59.08%	6.772%
39	11.853	3355	3363	3368	rBV5	4554	6546	1.10%	0.126%
40	11.956	3387	3395	3403	rBV2	6511	10220	1.72%	0.197%
41	12.056	3416	3426	3436	rBV2	7567	13534	2.28%	0.261%
42	12.194	3462	3469	3481	rBV2	9561	14858	2.50%	0.286%
43	12.406	3529	3535	3545	rVB4	4318	6044	1.02%	0.117%
44	12.667	3608	3616	3627	rVB6	5751	9335	1.57%	0.180%
45	12.824	3656	3665	3674	rVB5	13036	18648	3.14%	0.360%
46	13.445	3847	3858	3875	rVV	56011	93406	15.71%	1.801%
47	14.574	4200	4209	4225	rVB	33826	53718	9.03%	1.036%
48	14.757	4253	4266	4286	rBV2	16537	29849	5.02%	0.575%

Sum of corrected areas: 5187022

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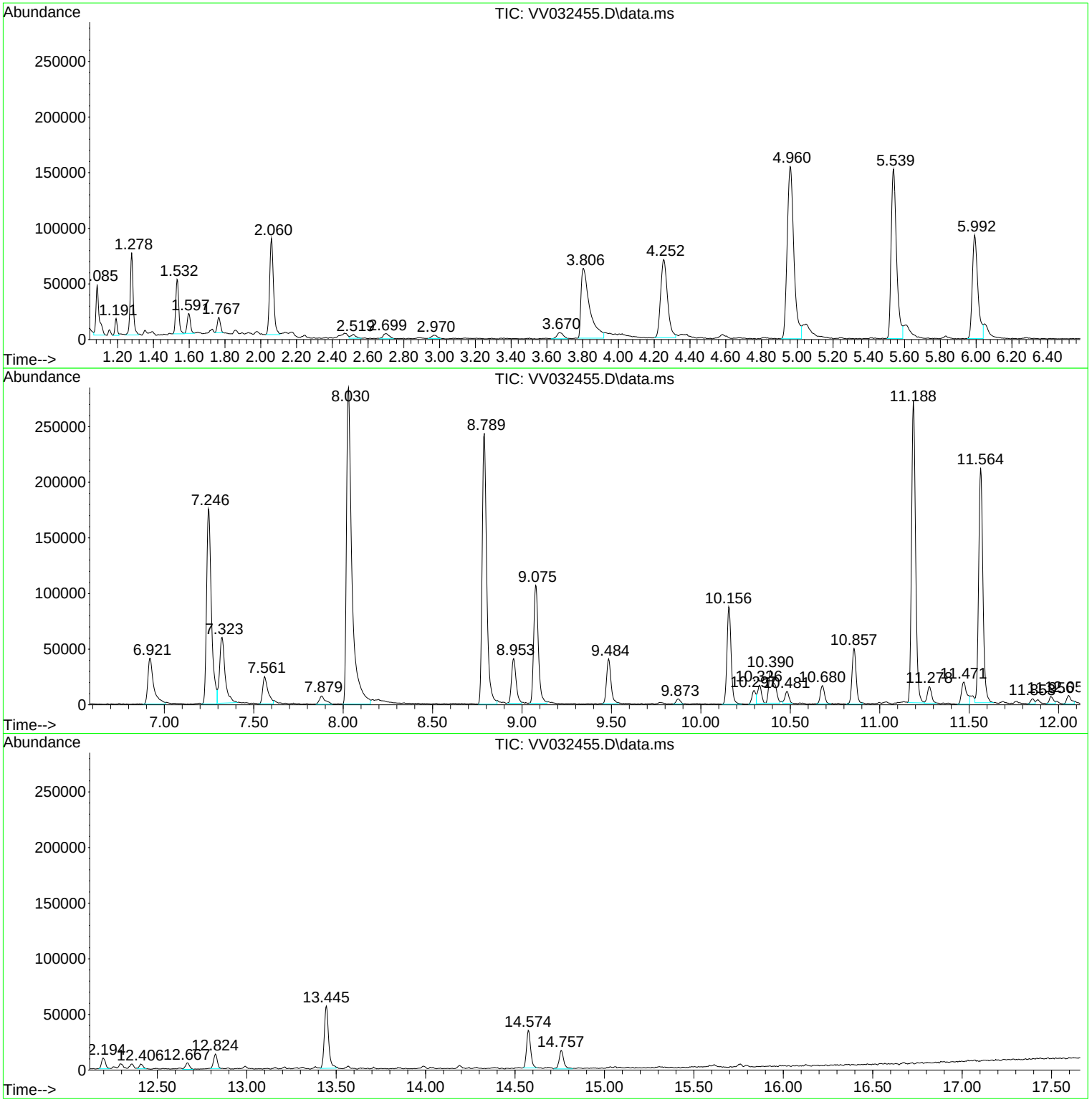
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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TIC Library : C:\Database\NIST20.L
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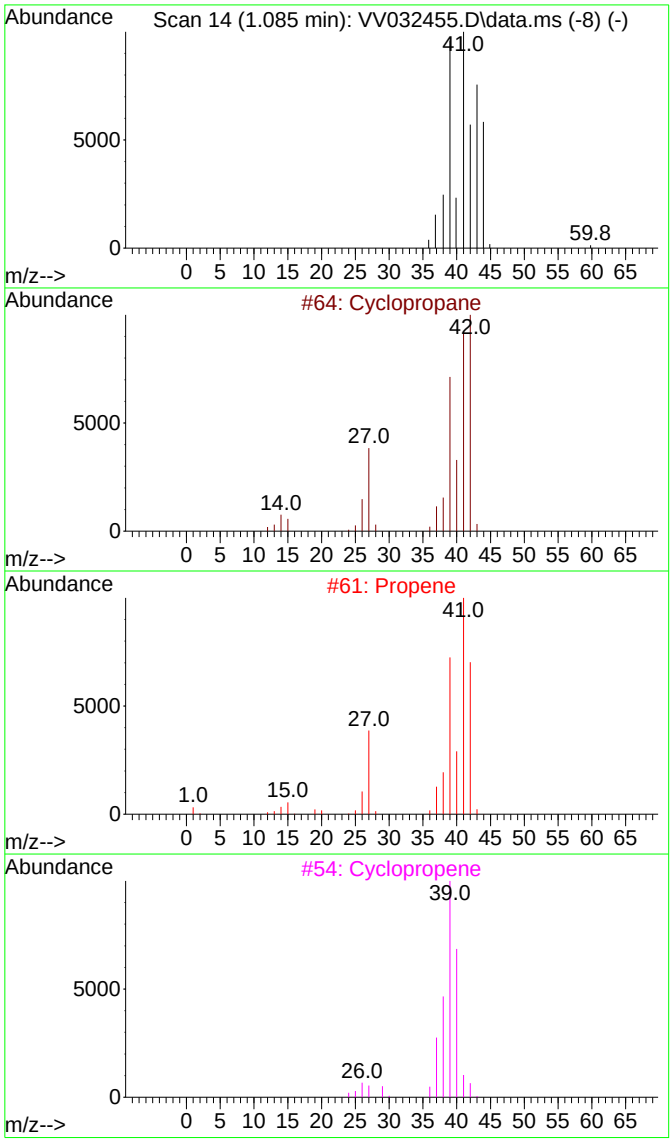
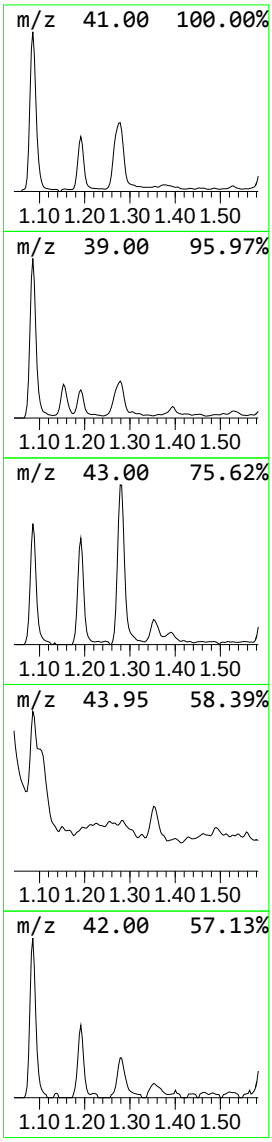
****
Peak Number 1 (DEL) Alkane: Cyclic1.085 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.085	0.87 ug/L	55579	1,4-Difluorobenzene	5.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane	42	C3H6	000075-19-4	39
2	Propene	42	C3H6	000115-07-1	10
3	Cyclopropene	40	C3H4	002781-85-3	4
4	Cyclopropane	42	C3H6	000075-19-4	4
5	Propane	44	C3H8	000074-98-6	3





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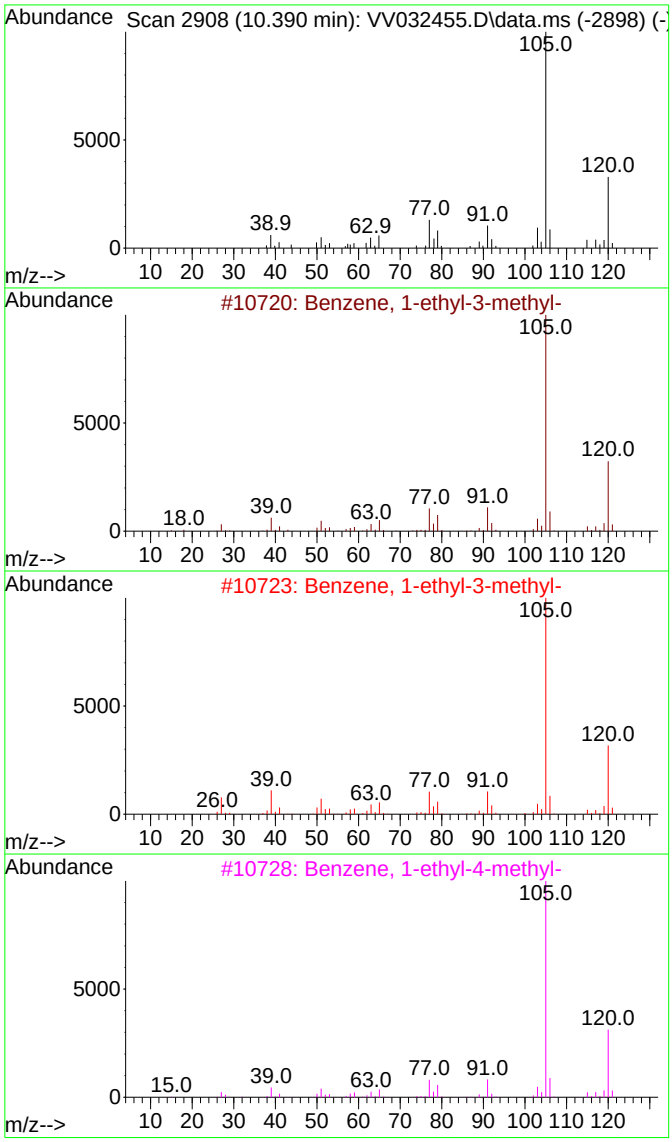
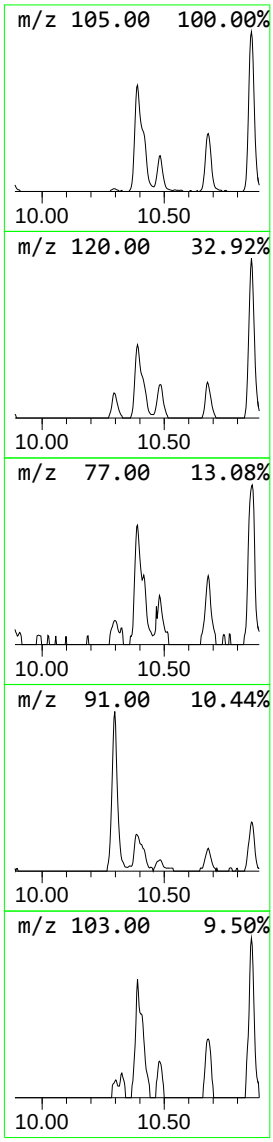
****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.390	0.79 ug/L	66937	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Quant Title : TRACE VOA SFAM1.0

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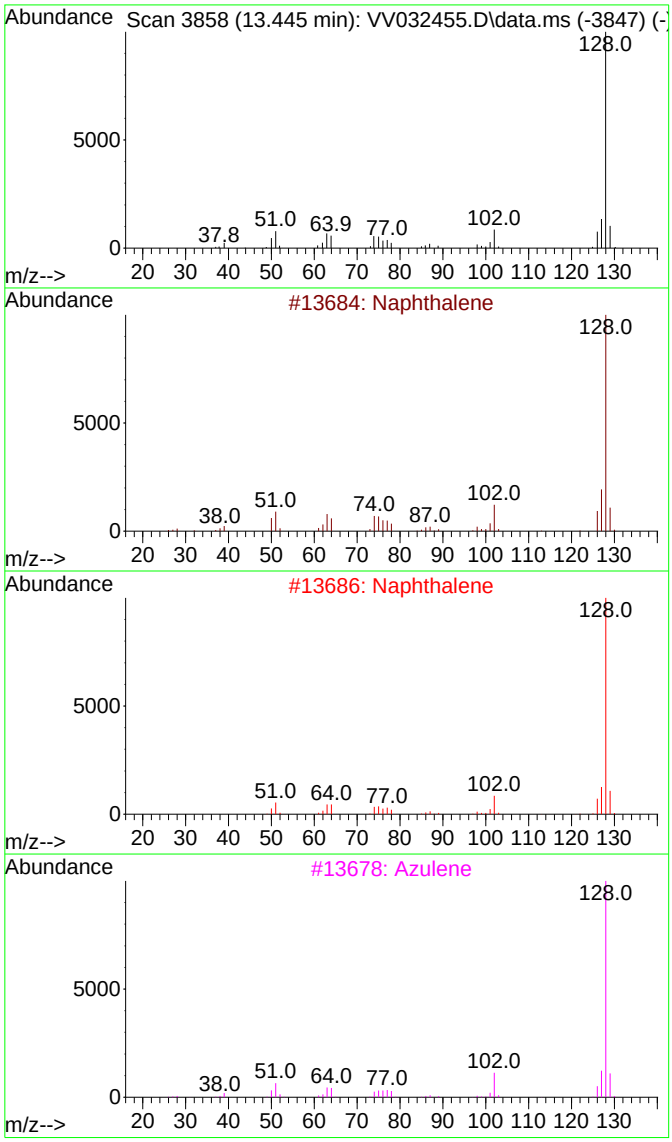
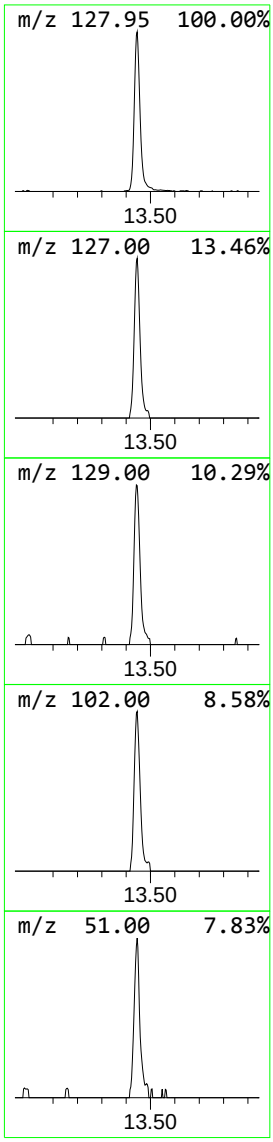
****

Peak Number 4 Azulene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.445	1.10 ug/L	93406	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	97
2	Naphthalene	128	C10H8	000091-20-3	95
3	Azulene	128	C10H8	000275-51-4	91
4	Azulene	128	C10H8	000275-51-4	91
5	Azulene	128	C10H8	000275-51-4	91





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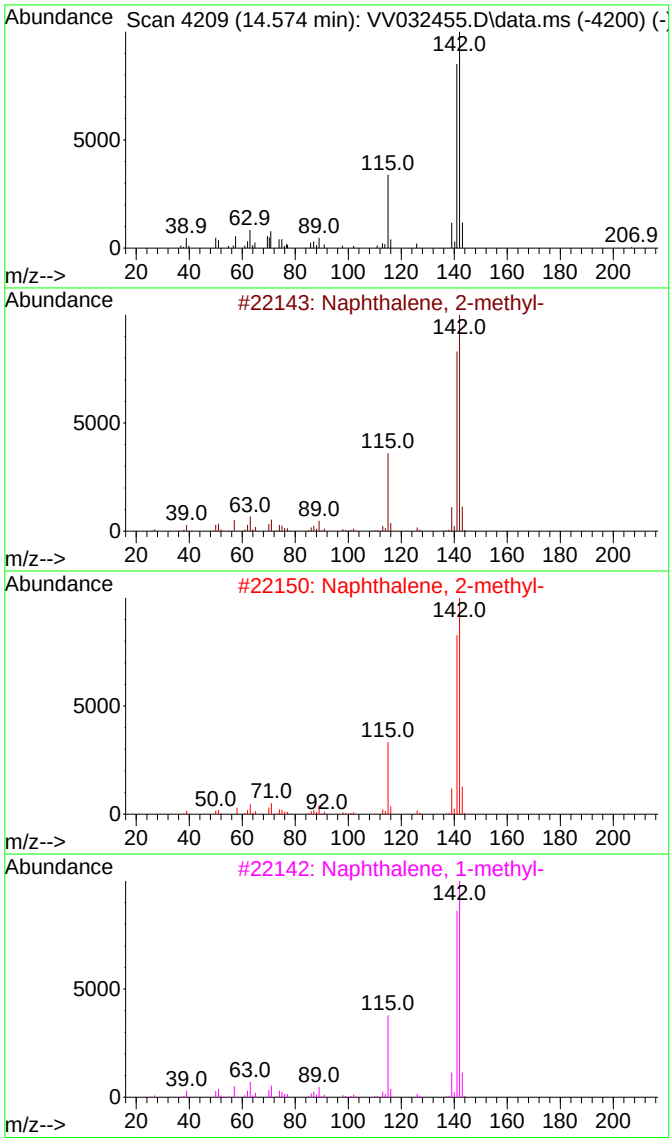
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0

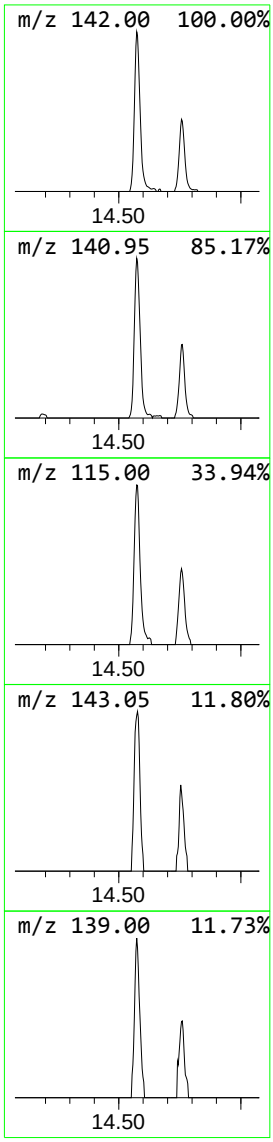
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.574	0.63 ug/L	53718	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	1.085	0.9	ug/L	55579	1	5.539	318939	5.0
Benzene, 1-ethy...	10.390	0.8	ug/L	66937	3	11.188	425612	5.0
Azulene	13.445	1.1	ug/L	93406	3	11.188	425612	5.0
Naphthalene, 2-...	14.574	0.6	ug/L	53718	3	11.188	425612	5.0