LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060028.D
Acq On : 18 Jul 2024 19:35
Operator : MD/SY
Sample : P3217-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZC7DL

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_U\Method\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU060028.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.599	87	96	110	rBV2	236017	285974	22.11%	3.199%
2	1.911	183	193	209	rBV	57600	81257	6.28%	0.909%
3	2.560	384	395	412	rBV	102028	165880	12.83%	1.856%
4	3.039	531	544	557	rBV3	8399	17133	1.32%	0.192%
5	4.657	1026	1047	1091	rBV2	487380	1293411	100.00%	14.468%
6	5.055	1156	1171	1196	rBV	101904	228890	17.70%	2.560%
7	5.718	1358	1377	1414	rBV3	209132	556685	43.04%	6.227%
8	6.245	1528	1541	1563	rBV	177924	340244	26.31%	3.806%
9	6.685	1663	1678	1697	rBV	124316	247431	19.13%	2.768%
10	7.560	1934	1950	1969	rBV	57511	105389	8.15%	1.179%
11	7.891	2038	2053	2065	rBV	238707	414943	32.08%	4.642%
12	7.962	2065	2075	2100	rVB	454073	802578	62.05%	8.978%
13	8.177	2131	2142	2159	rVB	35785	62532	4.83%	0.699%
14	8.550	2249	2258	2269	rBV3	13488	21766	1.68%	0.243%
15	8.627	2269	2282	2318	rBV	300175	594433	45.96%	6.649%
16	9.412	2514	2526	2557	rBV2	257606	546547	42.26%	6.114%
17	9.566	2564	2574	2590	rVB	42244	68359	5.29%	0.765%
18	9.689	2595	2612	2633	rBV	151225	261541	20.22%	2.926%
19	10.097	2725	2739	2762	rBV	84942	145719	11.27%	1.630%
20	10.750	2929	2942	2958	rBV	108851	180155	13.93%	2.015%
21	10.897	2973	2988	3001	rBV3	10900	21131	1.63%	0.236%
22	10.994	3007	3018	3025	rBV	40646	72535	5.61%	0.811%
23	11.084	3037	3046	3059	rVB	29743	47910	3.70%	0.536%
24	11.287	3100	3109	3126	rVB	28007	44616	3.45%	0.499%
25	11.463	3153	3164	3182	rBV	93703	145722	11.27%	1.630%
26	11.631	3201	3216	3227	rBV	15327	29063	2.25%	0.325%
27	11.807	3257	3271	3287	rVV	274277	465188	35.97%	5.204%
28	11.891	3287	3297	3312	rVB	82674	141132	10.91%	1.579%
29	12.090	3348	3359	3368	rBV2	29398	51276	3.96%	0.574%
30	12.190	3377	3390	3413	rBV2	282792	569568	44.04%	6.371%
31	12.676	3530	3541	3561	rVB3	12167	23132	1.79%	0.259%
32	12.942	3613	3624	3641	rVV4	34447	66266	5.12%	0.741%
33	13.023	3641	3649	3661	rVB2	10625	16211	1.25%	0.181%
34	13.402	3759	3767	3773	rBV3	9379	13578	1.05%	0.152%
35	13.447	3773	3781	3790	rVV4	28964	47432	3.67%	0.531%
36	13.512	3790	3801	3814	rVB	57488	96045	7.43%	1.074%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060028.D
Acq On : 18 Jul 2024 19:35
Operator : MD/SY
Sample : P3217-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZC7DL

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_U\Method\SFAMUTR071824WMA.M
Title : TRACE VOA SFAM1.0

37	13.621	3825	3835	3846	rVB3	18998	30226	2.34%	0.338%
38	13.730	3851	3869	3880	rBV2	41265	72961	5.64%	0.816%
39	14.084	3967	3979	3997	rBV	55058	95812	7.41%	1.072%
40	14.672	4150	4162	4177	rBV6	9591	22141	1.71%	0.248%
41	15.219	4318	4332	4358	rBV	136839	237917	18.39%	2.661%
42	15.405	4378	4390	4403	rBV	88124	149074	11.53%	1.668%
43	16.261	4647	4656	4668	rBV2	11182	20739	1.60%	0.232%
44	16.408	4688	4702	4708	rBV3	14935	25323	1.96%	0.283%
45	16.444	4708	4713	4725	rVB4	8243	13907	1.08%	0.156%

Sum of corrected areas: 8939772

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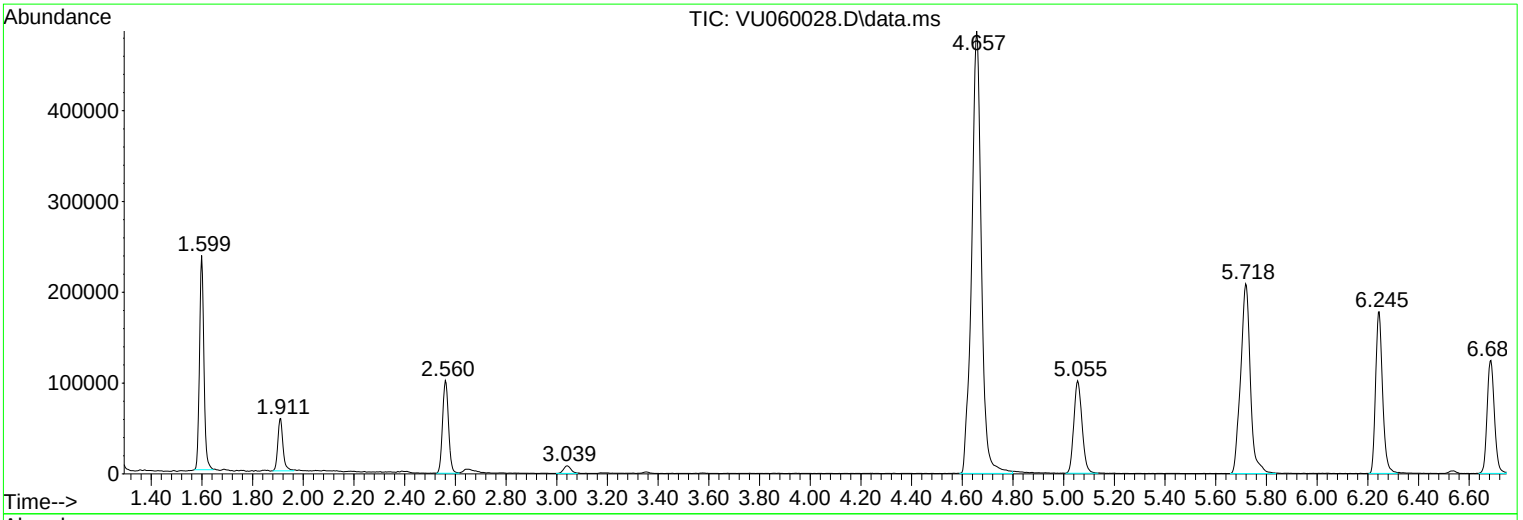
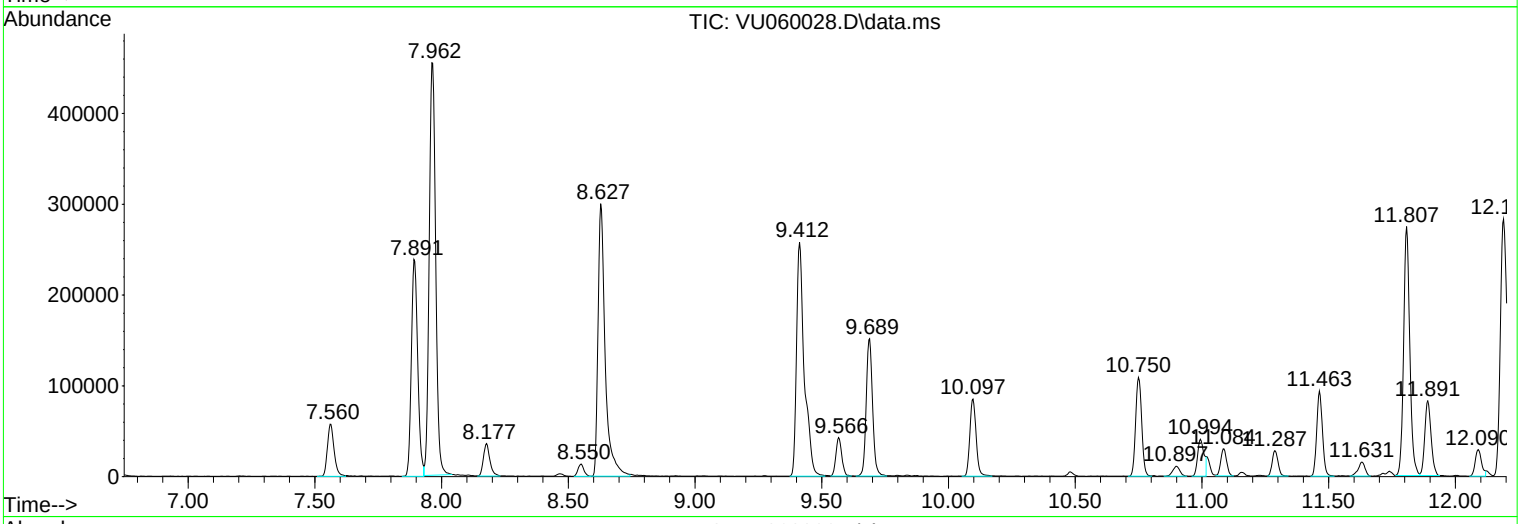
Acq On : 18 Jul 2024 19:35
Operator : MD/SY
Sample : P3217-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

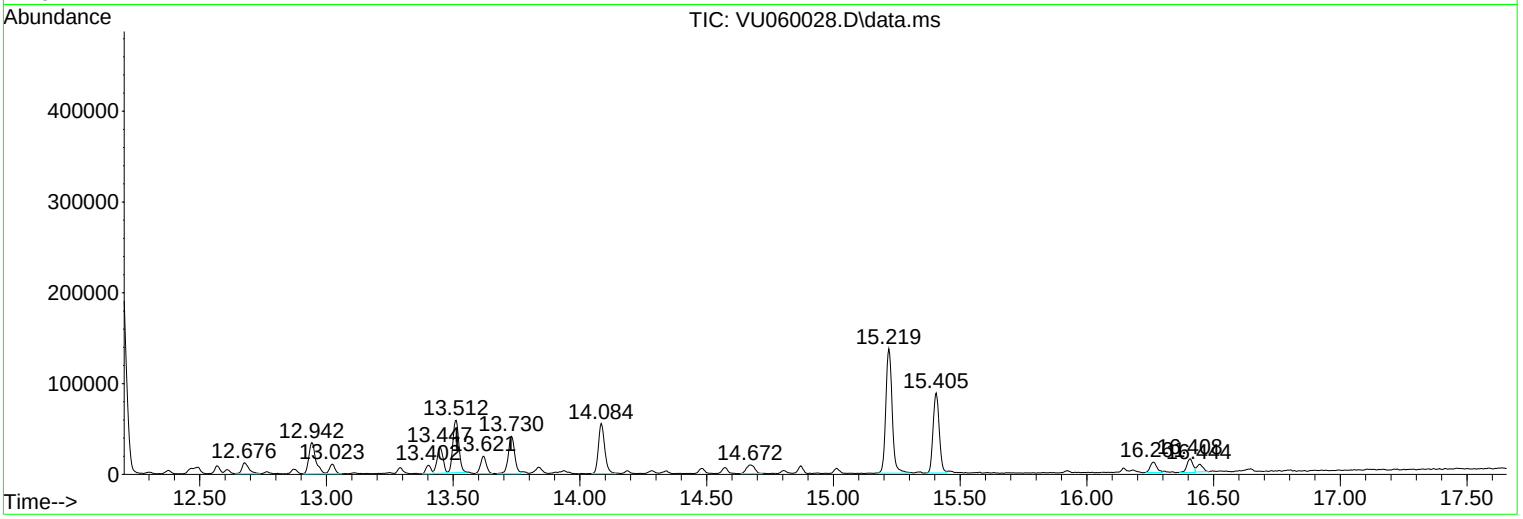
Instrument :
MSVOA_U
ClientSampleId :
YDZC7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060028.D
Acq On : 18 Jul 2024 19:35
Operator : MD/SY
Sample : P3217-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZC7DL

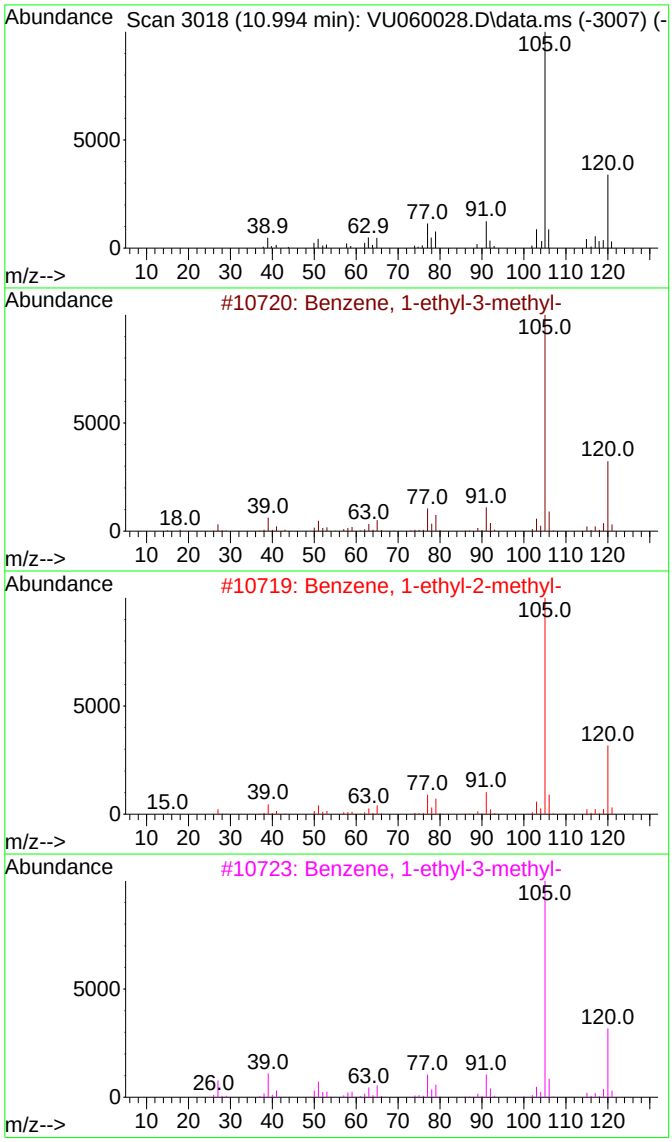
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

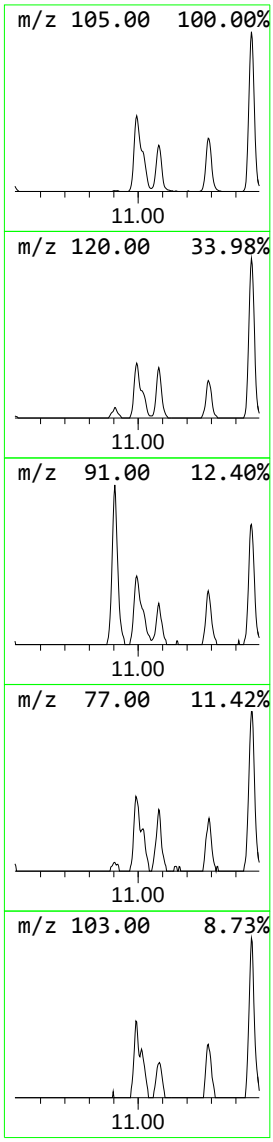
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.994	0.78 ug/L	72535	1,4-Dichlorobenzene-d4	11.807

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-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060028.D
Acq On : 18 Jul 2024 19:35
Operator : MD/SY
Sample : P3217-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZC7DL

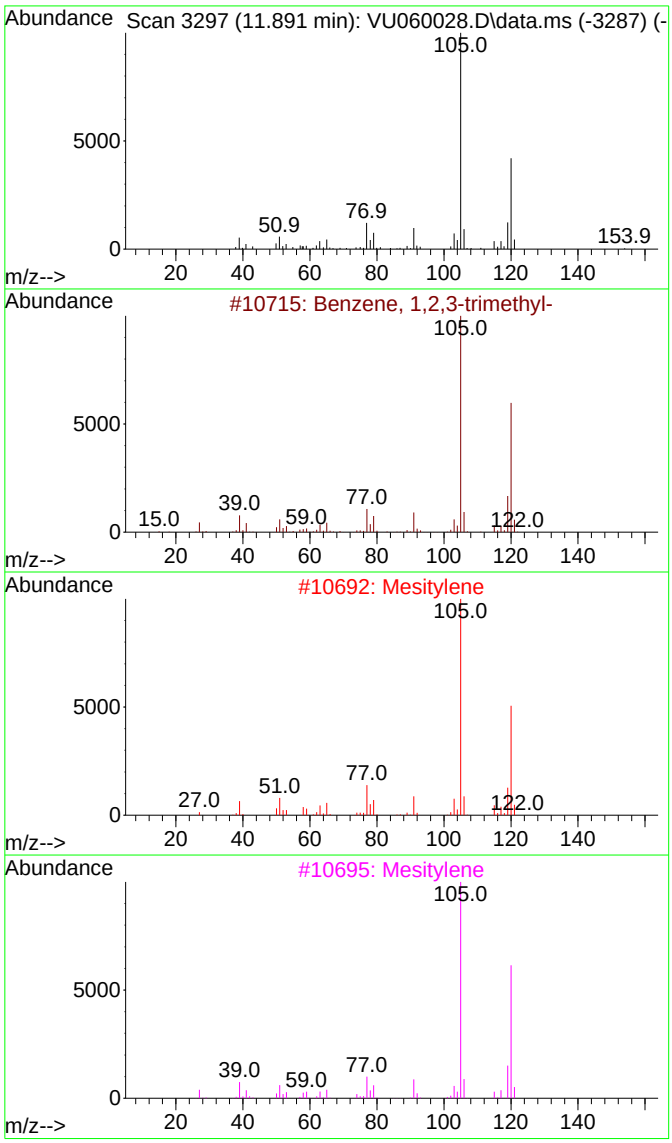
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

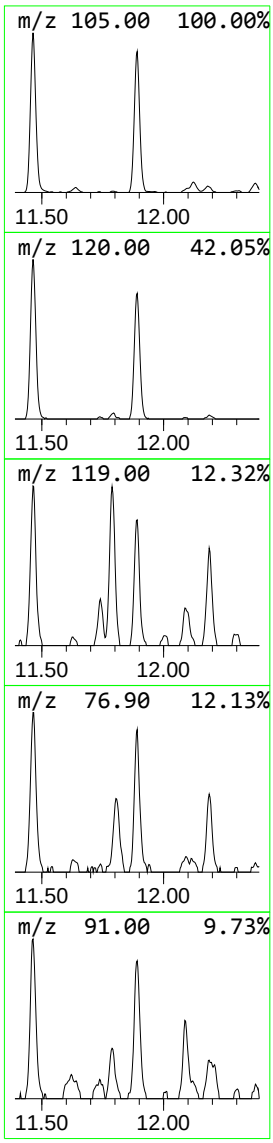
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.891	1.52 ug/L	141132	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Mesitylene	120	C9H12	000108-67-8	97
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060028.D
Acq On : 18 Jul 2024 19:35
Operator : MD/SY
Sample : P3217-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZC7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

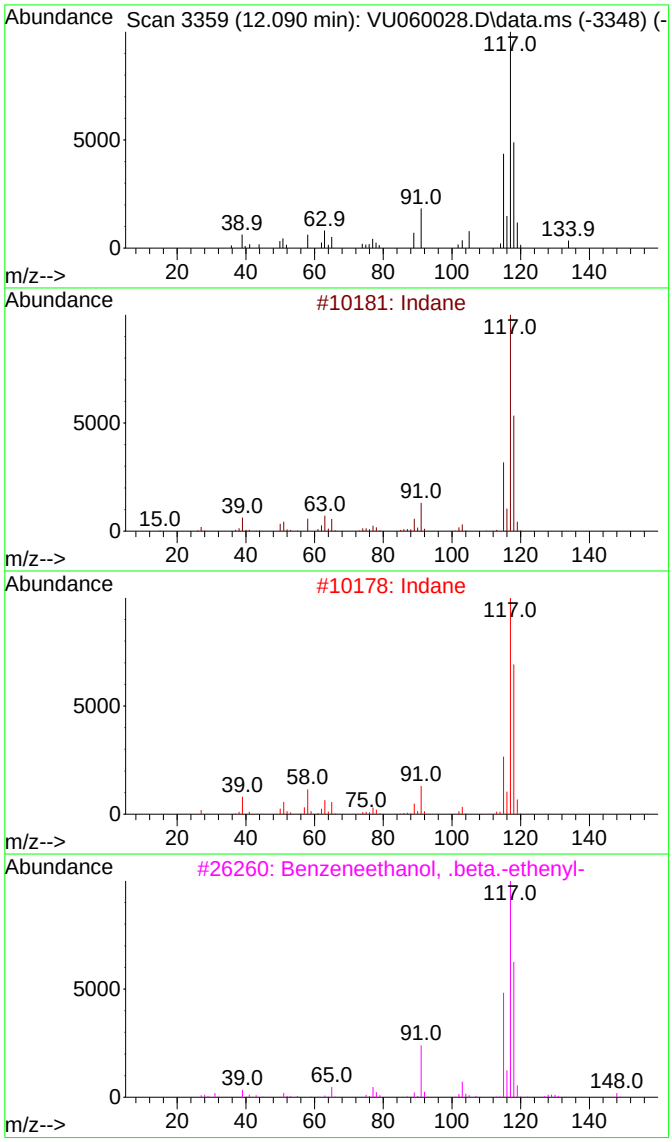
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

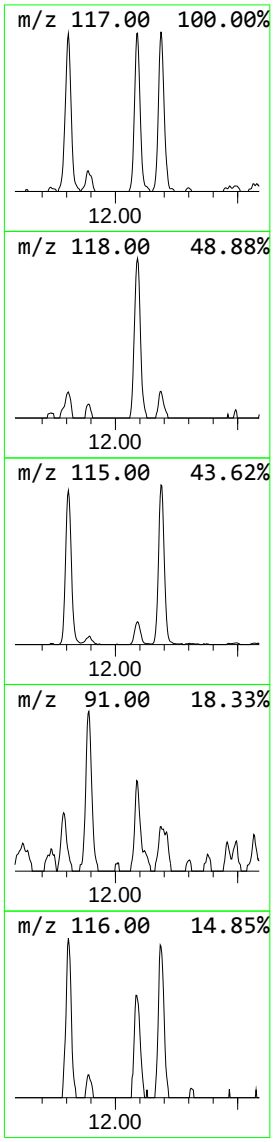
****

Peak Number 4 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.090	0.55 ug/L	51276	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	70
2	Indane	118	C9H10	000496-11-7	64
3	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	64
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	59
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060028.D
Acq On : 18 Jul 2024 19:35
Operator : MD/SY
Sample : P3217-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZC7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

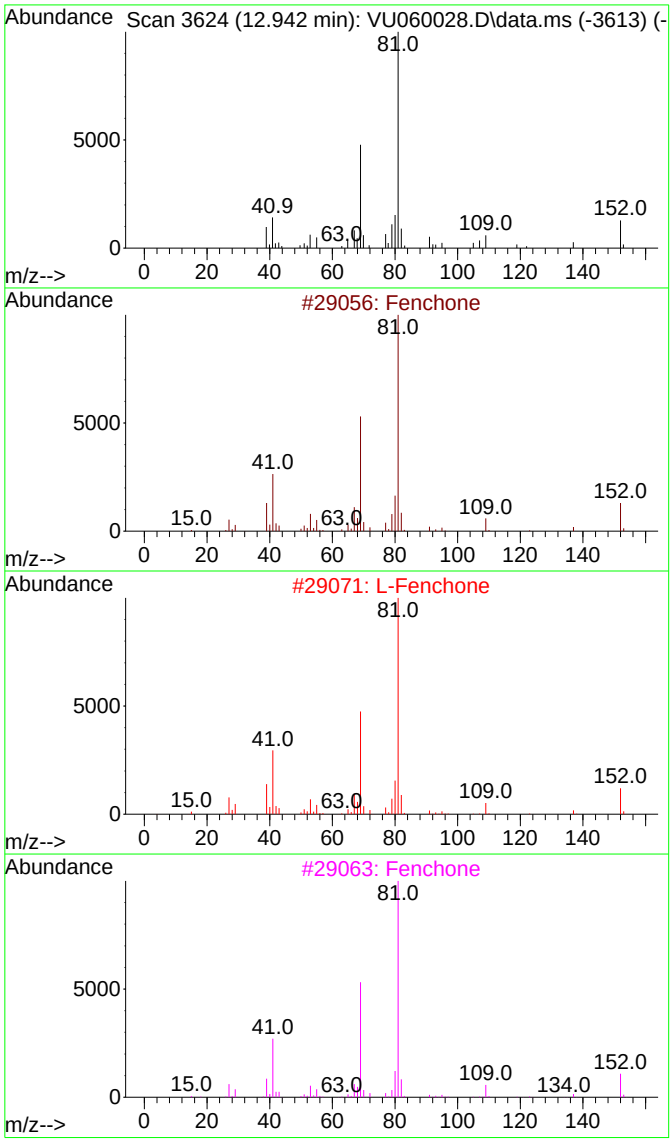
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

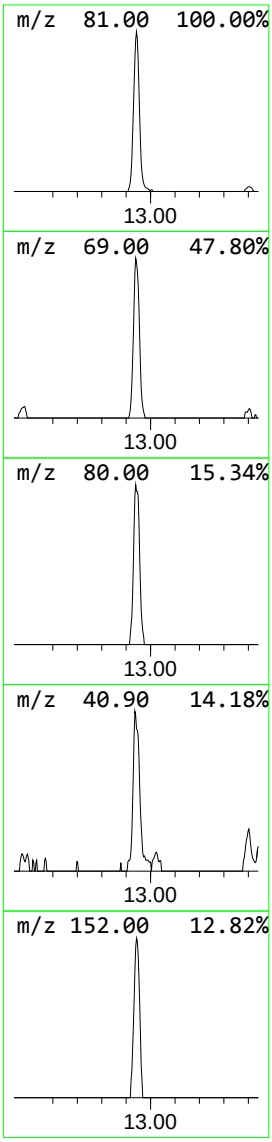
****

Peak Number 5 Fenchone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.942	0.71 ug/L	66266	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fenchone	152	C10H16O	001195-79-5	91
2	L-Fenchone	152	C10H16O	007787-20-4	91
3	Fenchone	152	C10H16O	001195-79-5	90
4	Fenchone	152	C10H16O	001195-79-5	90
5	L-Fenchone	152	C10H16O	007787-20-4	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060028.D
Acq On : 18 Jul 2024 19:35
Operator : MD/SY
Sample : P3217-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZC7DL

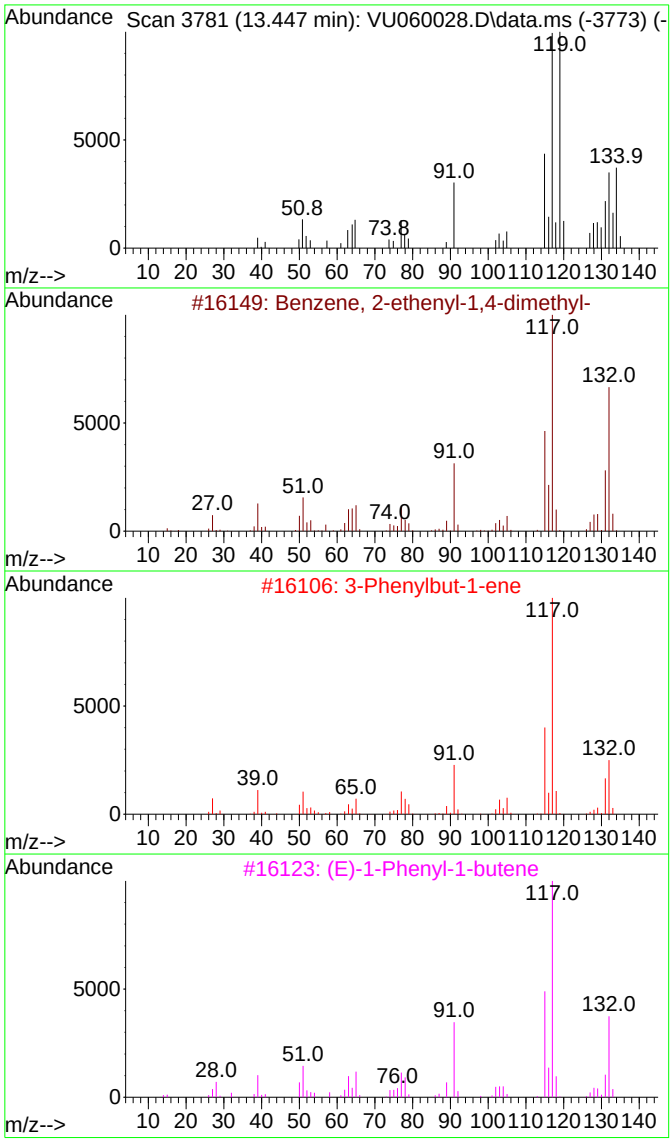
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

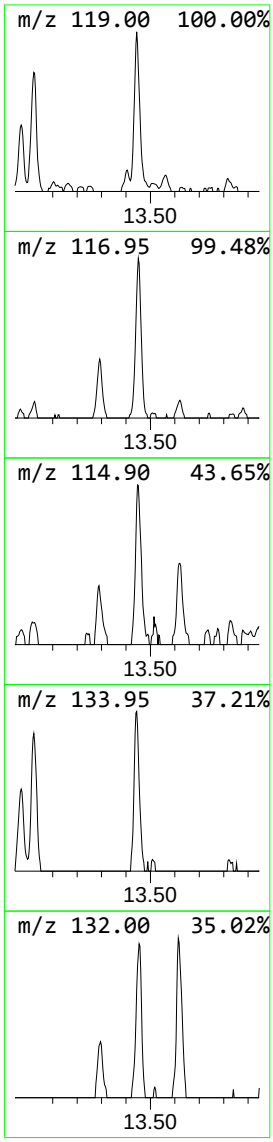
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.447	0.51 ug/L	47432	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	55
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	55
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	50
4	2,4-Dimethylstyrene	132	C10H12	002234-20-0	50
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
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Acq On : 18 Jul 2024 19:35
Operator : MD/SY
Sample : P3217-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZC7DL

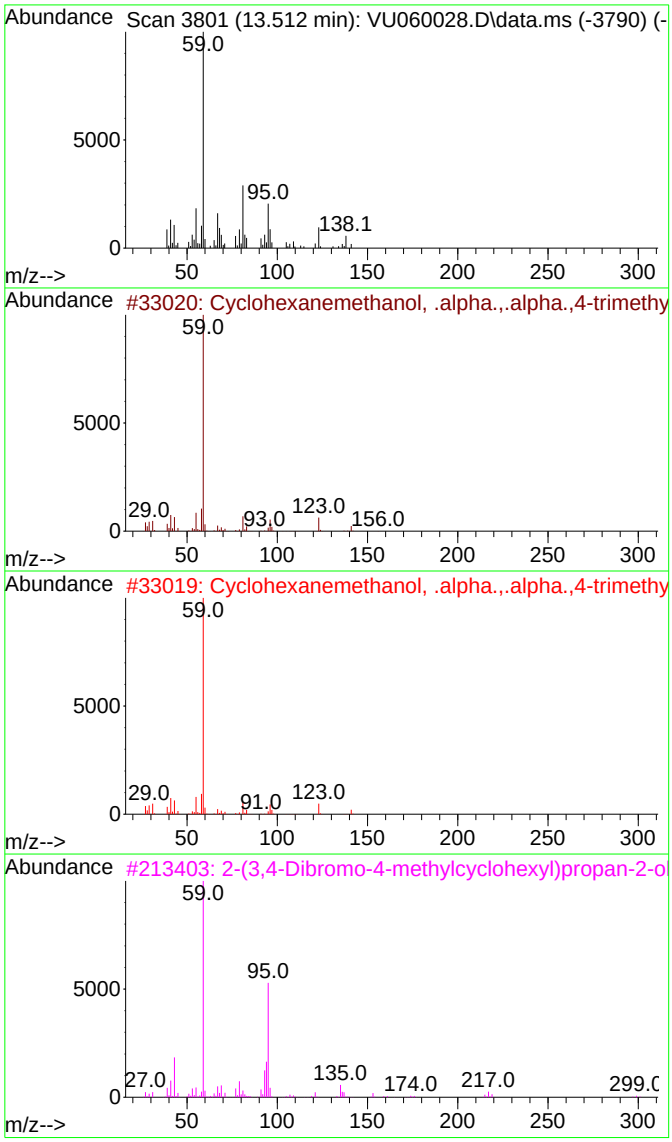
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

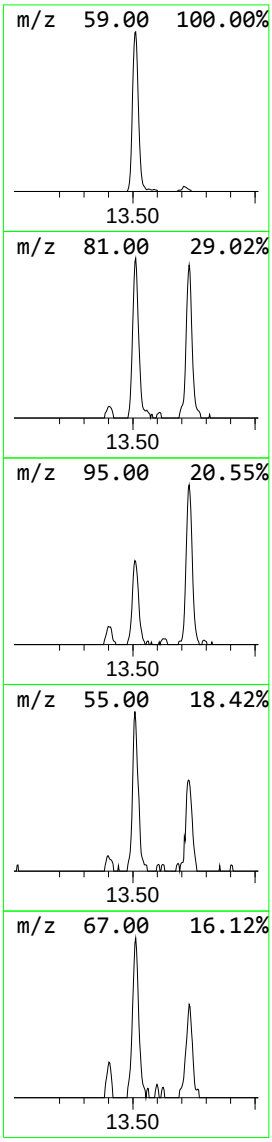
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexanemethanol, .alpha... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.512	1.03 ug/L	96045	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	005114-00-1	53
2	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	007322-63-6	53
3	2-(3,4-Dibromo-4-methylcyclohexy...	312	C10H18Br2O	110202-13-6	47
4	4-O-Acetyl-2,5-di-O-methyl-3,6-d...	215	C10H17NO4	1010101-80-3	47
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	45





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Data File : VU060028.D
Acq On : 18 Jul 2024 19:35
Operator : MD/SY
Sample : P3217-04DL 100X
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
YDZC7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

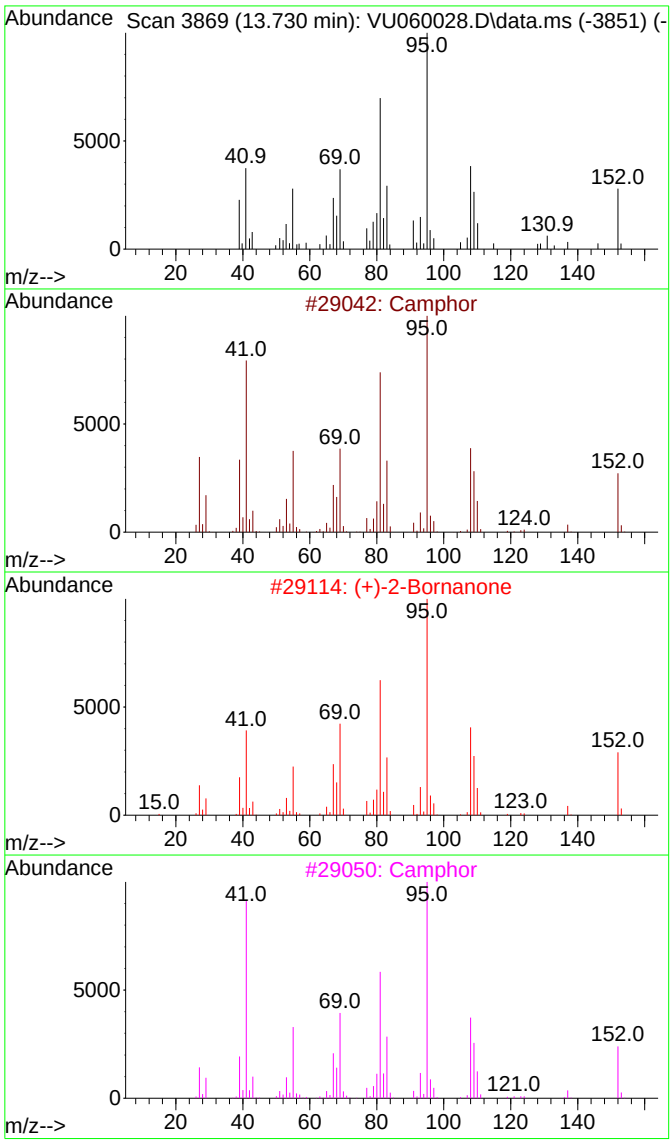
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

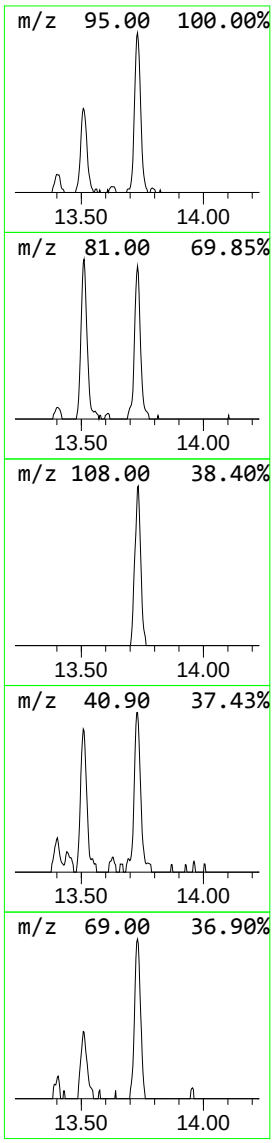
****

Peak Number 8 Camphor Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.730	0.78 ug/L	72961	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	98
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
3	Camphor	152	C10H16O	000076-22-2	97
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	97
5	(+)-2-Bornanone	152	C10H16O	000464-49-3	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060028.D
Acq On : 18 Jul 2024 19:35
Operator : MD/SY
Sample : P3217-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZC7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0

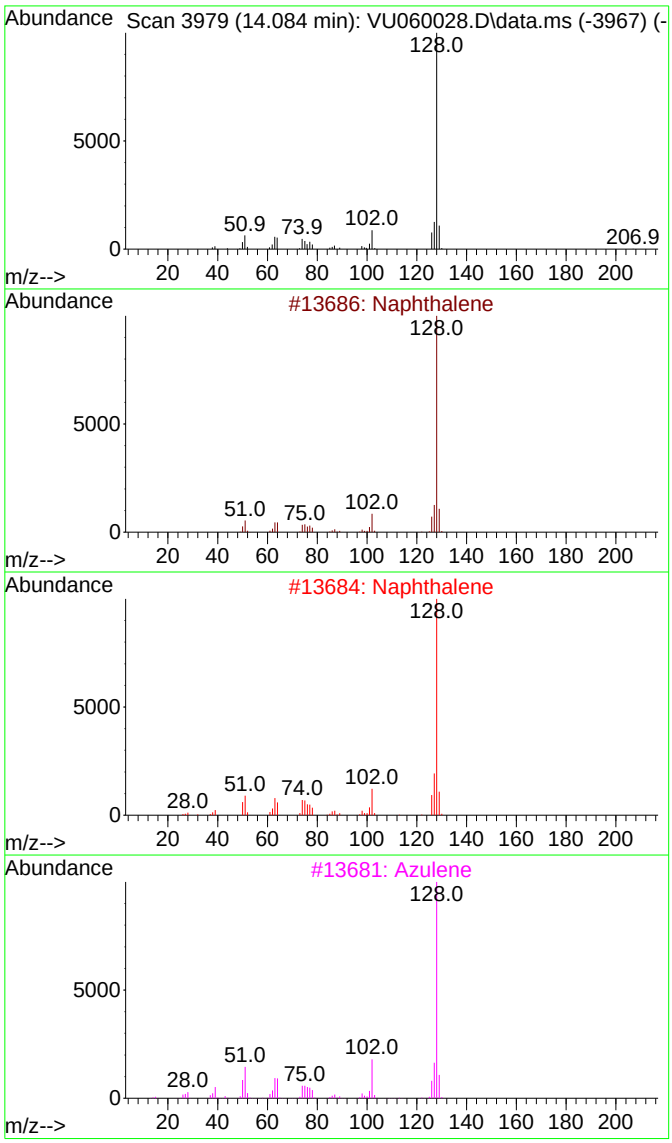
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

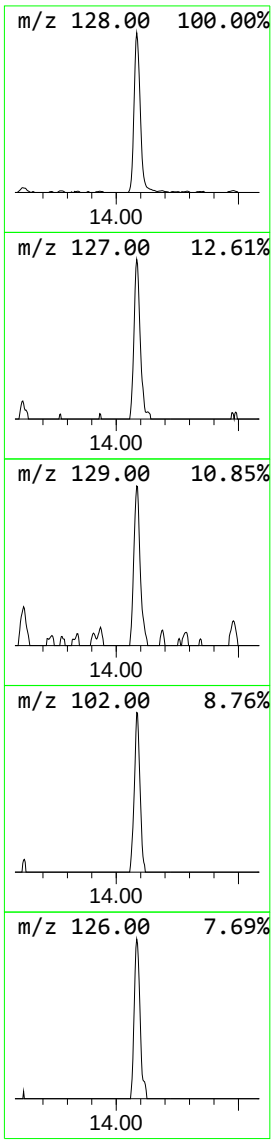
****

Peak Number 9 Azulene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.084	1.03 ug/L	95812	1,4-Dichlorobenzene-d4	11.807

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene	128	C10H8	000091-20-3	95
2	Naphthalene	128	C10H8	000091-20-3	94
3	Azulene	128	C10H8	000275-51-4	91
4	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
5	Azulene	128	C10H8	000275-51-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060028.D
Acq On : 18 Jul 2024 19:35
Operator : MD/SY
Sample : P3217-04DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
YDZC7DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.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
Benzene, 1-ethy...	10.994	0.8	ug/L	72535	3	11.807	465188	5.0
Benzene, 1,2,3-...	11.891	1.5	ug/L	141132	3	11.807	465188	5.0
Indane	12.090	0.6	ug/L	51276	3	11.807	465188	5.0
Fenchone	12.942	0.7	ug/L	66266	3	11.807	465188	5.0
Benzene, 2-ethe...	13.447	0.5	ug/L	47432	3	11.807	465188	5.0
Cyclohexanemeth...	13.512	1.0	ug/L	96045	3	11.807	465188	5.0
Camphor	13.730	0.8	ug/L	72961	3	11.807	465188	5.0
Azulene	14.084	1.0	ug/L	95812	3	11.807	465188	5.0