LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

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\SFAMVTR062322WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV026524.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.317	51	86	108	rBV	137293	252119	13.03%	1.430%
2	1.577	160	167	183	rVB	107332	130644	6.75%	0.741%
3	2.118	326	335	353	rVB	217412	322006	16.65%	1.826%
4	2.516	447	459	475	rBV	46883	85314	4.41%	0.484%
5	2.770	524	538	552	rBV2	16438	32652	1.69%	0.185%
6	3.773	830	850	869	rBV2	37685	97724	5.05%	0.554%
7	3.921	878	896	958	rBV3	48336	258649	13.37%	1.467%
8	4.355	1014	1031	1057	rBV	121521	303335	15.68%	1.721%
9	4.683	1118	1133	1151	rBV3	29878	74102	3.83%	0.420%
10	5.053	1232	1248	1277	rBV2	285955	712527	36.84%	4.042%
11	5.182	1279	1288	1301	rVV6	10499	26136	1.35%	0.148%
12	5.259	1301	1312	1323	rVV7	8909	21339	1.10%	0.121%
13	5.326	1323	1333	1351	rVB7	11393	26410	1.37%	0.150%
14	5.622	1413	1425	1448	rBV	229786	471212	24.36%	2.673%
15	6.072	1550	1565	1576	rBV2	155118	324854	16.80%	1.843%
16	6.134	1577	1584	1599	rVB2	67607	140523	7.27%	0.797%
17	6.992	1841	1851	1873	rBV	53233	101119	5.23%	0.574%
18	7.317	1942	1952	1973	rVB	327195	575584	29.76%	3.265%
19	7.629	2037	2049	2068	rBV3	25425	65386	3.38%	0.371%
20	8.092	2181	2193	2230	rBV	218316	451872	23.36%	2.563%
21	8.854	2417	2430	2448	rBV	337498	551066	28.49%	3.126%
22	9.014	2470	2480	2493	rBV	72148	117897	6.10%	0.669%
23	9.137	2503	2518	2543	rBV	496548	805626	41.65%	4.570%
24	9.548	2635	2646	2662	rBV2	14635	24817	1.28%	0.141%
25	9.931	2753	2765	2779	rBV	114994	184306	9.53%	1.045%
26	10.214	2843	2853	2875	rBV2	103023	168037	8.69%	0.953%
27	10.352	2884	2896	2919	rBV	114370	193658	10.01%	1.098%
28	10.915	3059	3071	3092	rBV	518340	772232	39.92%	4.380%
29	11.085	3119	3124	3143	rVB2	21793	33612	1.74%	0.191%
30	11.246	3164	3174	3190	rBV	362830	558379	28.87%	3.167%
31	11.333	3190	3201	3218	rVB	188406	294100	15.21%	1.668%
32	11.452	3227	3238	3249	rVB	16928	26968	1.39%	0.153%
33	11.529	3249	3262	3281	rBV3	254301	562328	29.07%	3.190%
34	11.622	3281	3291	3314	rVB5	377262	708204	36.61%	4.017%
35	11.744	3319	3329	3343	rVB2	49383	77289	4.00%	0.438%
36	11.908	3368	3380	3385	rBV	250331	377885	19.54%	2.143%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
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Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

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\SFAMVTR062322WMA.M
Title : TRACE VOA SFAM1.0

37	11.937	3386	3389	3399	rVB	200362	246282	12.73%	1.397%
38	12.014	3399	3413	3420	rBV	585621	911986	47.15%	5.173%
39	12.114	3433	3444	3465	rBV2	263899	589885	30.50%	3.346%
40	12.243	3476	3484	3492	rBV4	12043	22440	1.16%	0.127%
41	12.307	3492	3504	3519	rVB3	82939	179491	9.28%	1.018%
42	12.410	3519	3536	3544	rBV	565437	843773	43.62%	4.786%
43	12.461	3544	3552	3569	rVB	873945	1280056	66.18%	7.261%
44	12.548	3569	3579	3590	rBV2	52907	80151	4.14%	0.455%
45	12.641	3600	3608	3613	rBV	22637	33916	1.75%	0.192%
46	12.683	3614	3621	3625	rVV	31715	52015	2.69%	0.295%
47	12.722	3625	3633	3649	rVV	148415	243539	12.59%	1.381%
48	12.792	3649	3655	3662	rVV3	17880	25397	1.31%	0.144%
49	12.879	3662	3682	3712	rVV2	1187464	1934227	100.00%	10.971%
50	12.998	3712	3719	3725	rVV	36238	55637	2.88%	0.316%
51	13.043	3725	3733	3751	rVB3	80008	145732	7.53%	0.827%
52	13.165	3760	3771	3777	rBV2	18334	31415	1.62%	0.178%
53	13.214	3779	3786	3794	rVB	21260	31530	1.63%	0.179%
54	13.268	3794	3803	3809	rBV2	58671	94104	4.87%	0.534%
55	13.397	3839	3843	3853	rVB	23066	30790	1.59%	0.175%
56	13.500	3861	3875	3887	rBV	567887	867845	44.87%	4.923%

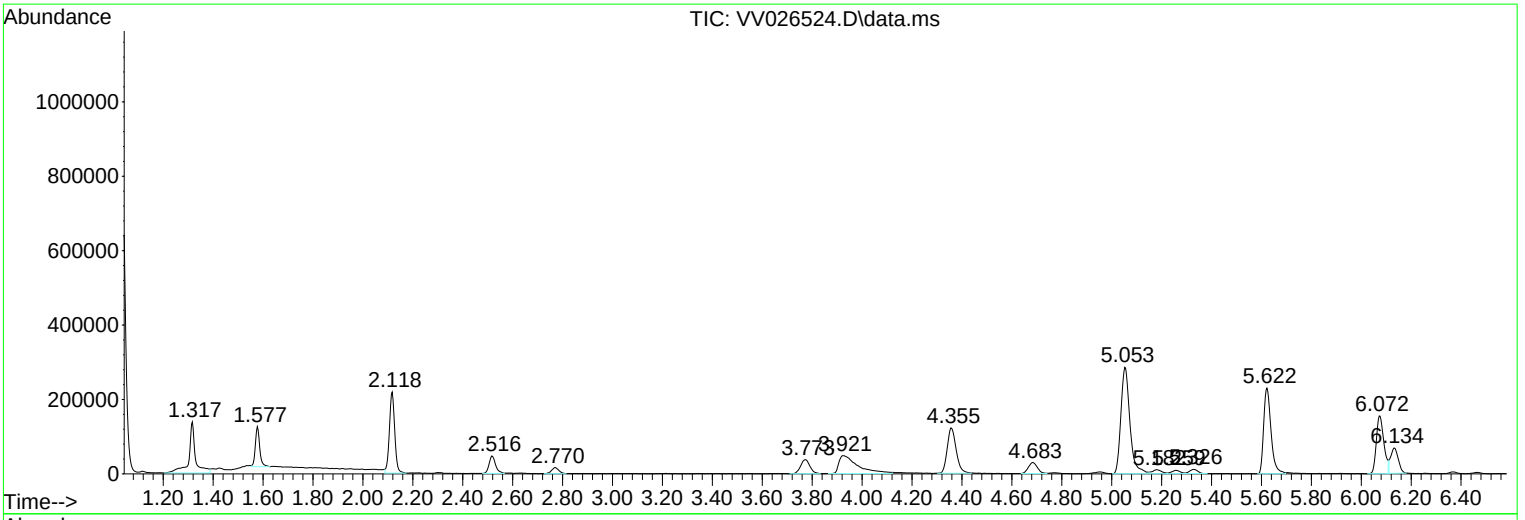
Sum of corrected areas: 17630122

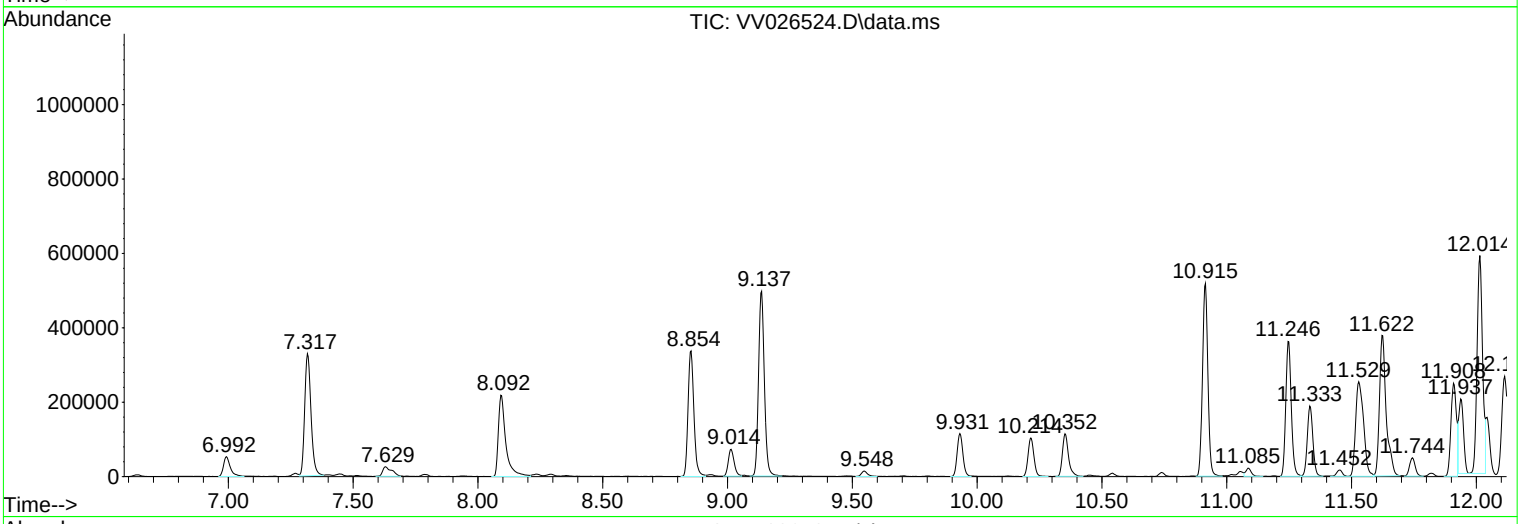
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

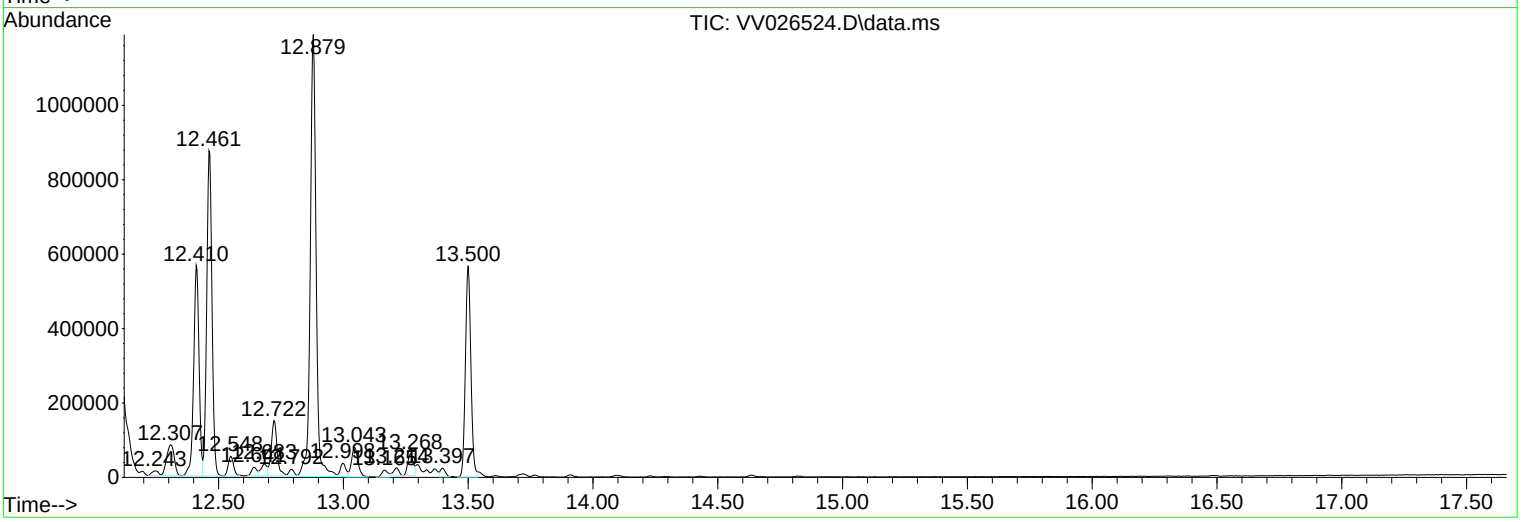
Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.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\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

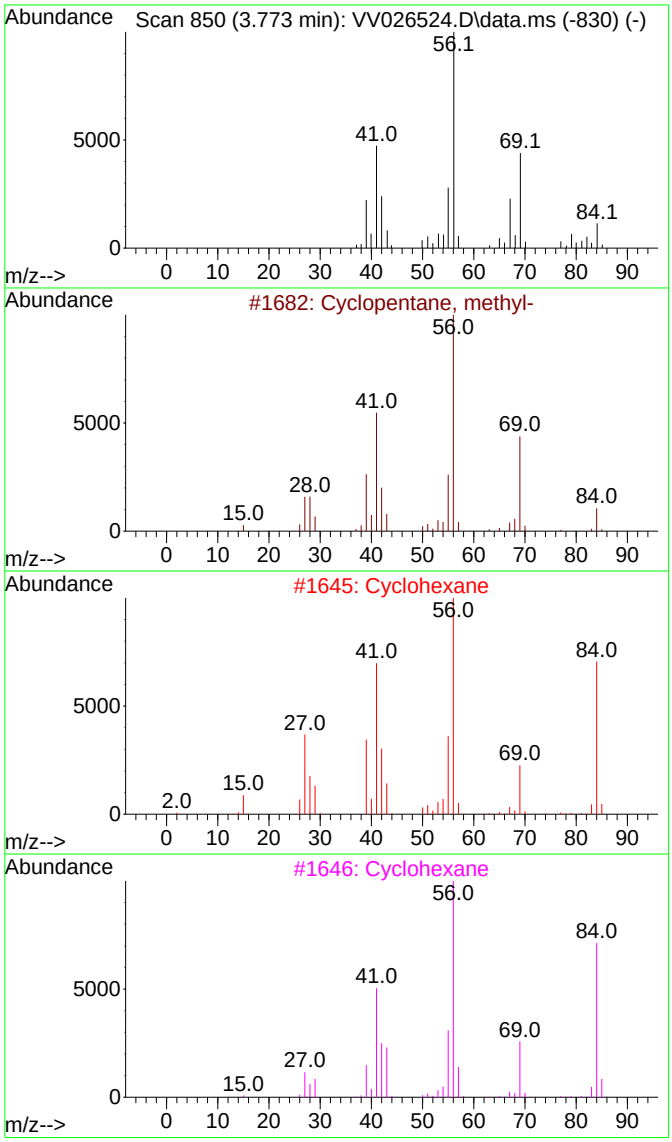
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

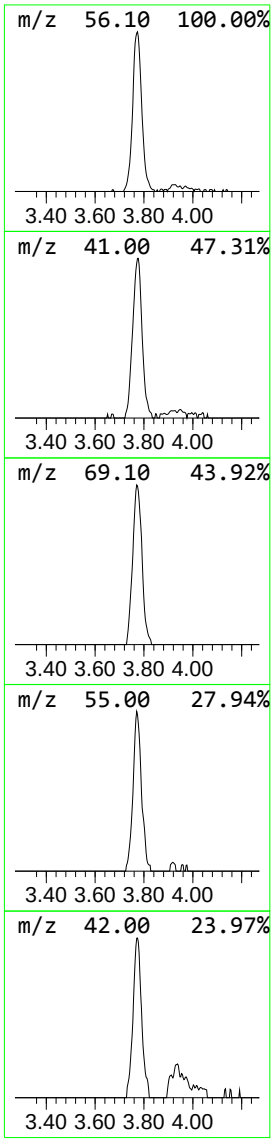
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.773 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.773	1.04 ug/L	97724	1,4-Difluorobenzene	5.622

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	76
2	Cyclohexane	84	C6H12	000110-82-7	64
3	Cyclohexane	84	C6H12	000110-82-7	59
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	58
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

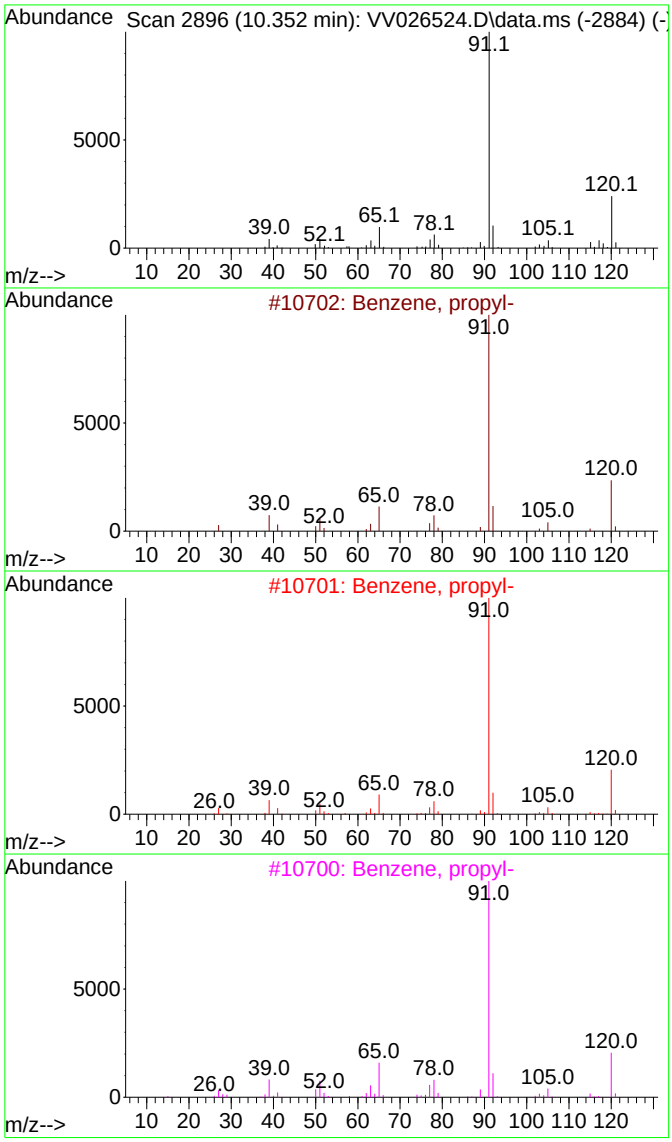
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

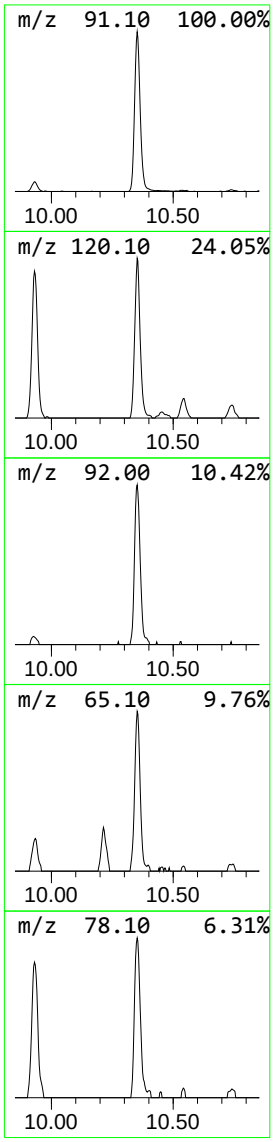
****

Peak Number 3 Benzene, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.352	1.73 ug/L	193658	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	Benzene, propyl-	120	C9H12	000103-65-1	87
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	Benzene, propyl-	120	C9H12	000103-65-1	87
5	N-Butylbenzylamine	163	C11H17N	002403-22-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

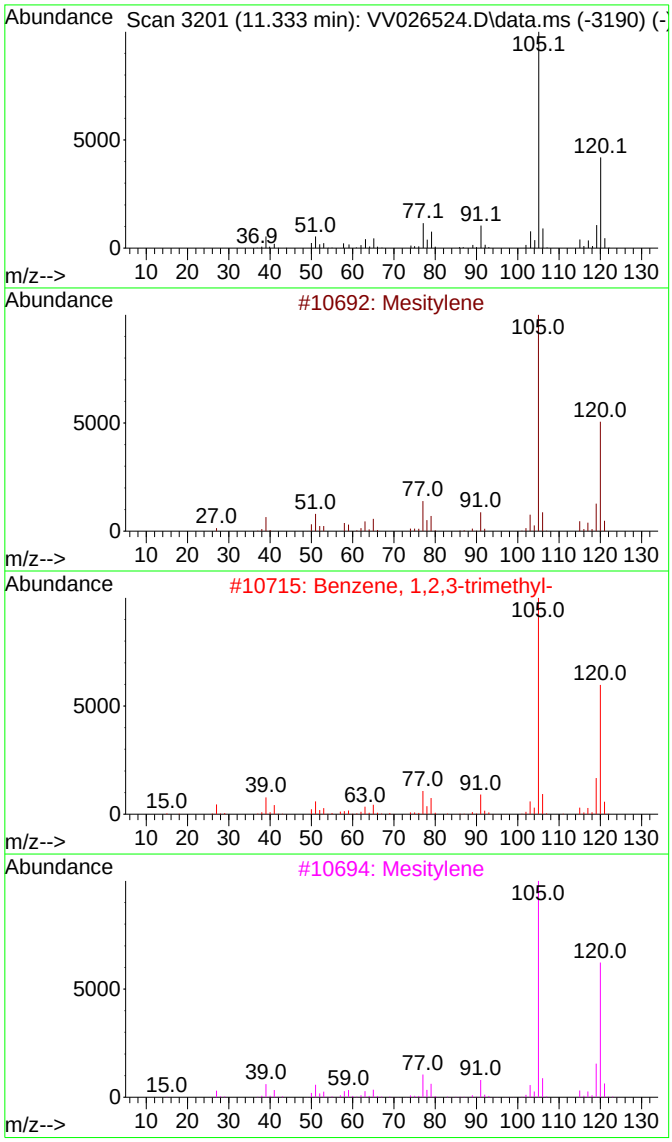
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

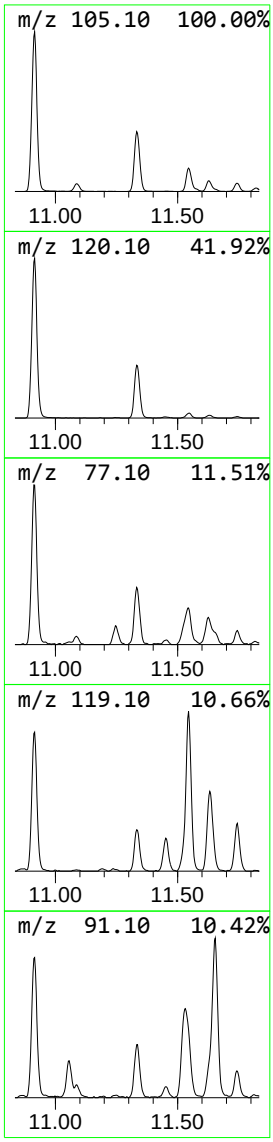
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.333	2.63 ug/L	294100	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Mesitylene	120	C9H12	000108-67-8	93
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

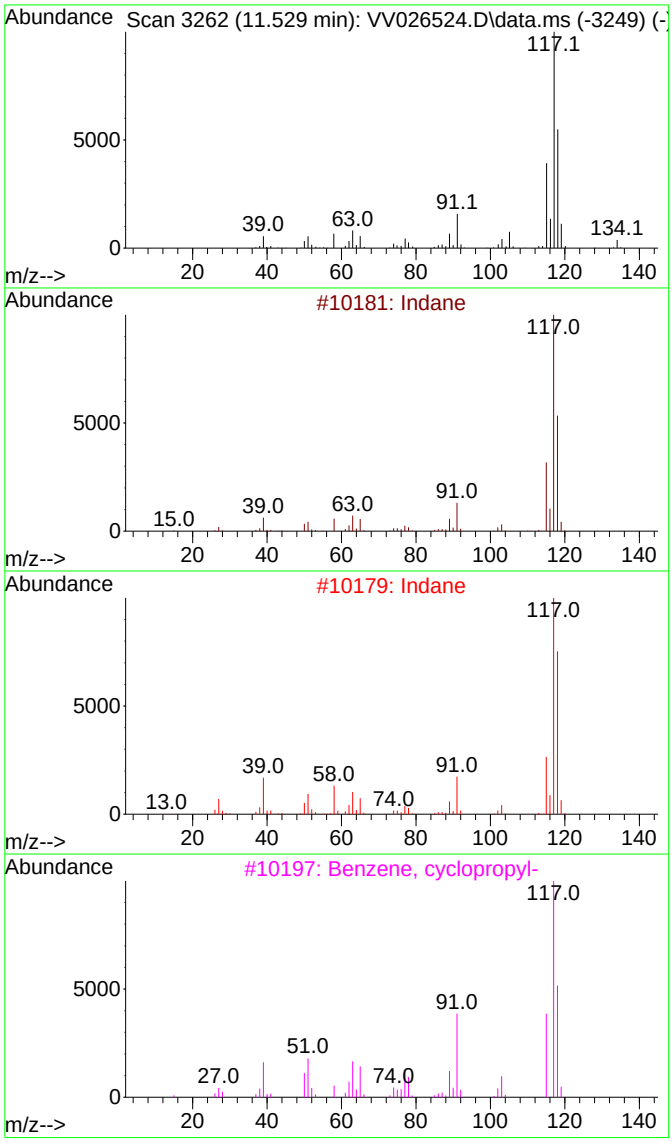
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

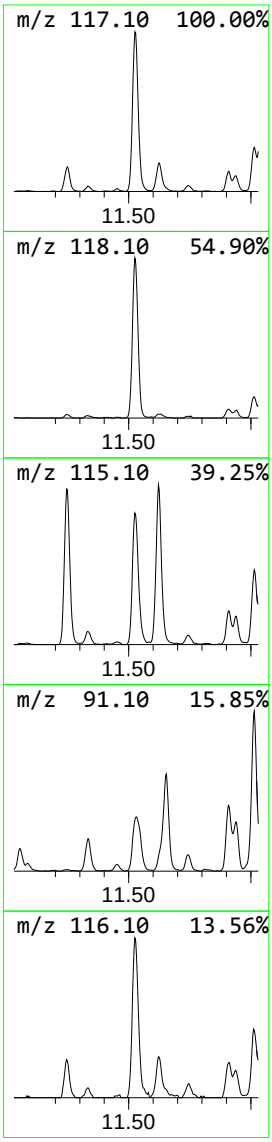
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	5.04 ug/L	562328	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	70
4	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	58
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

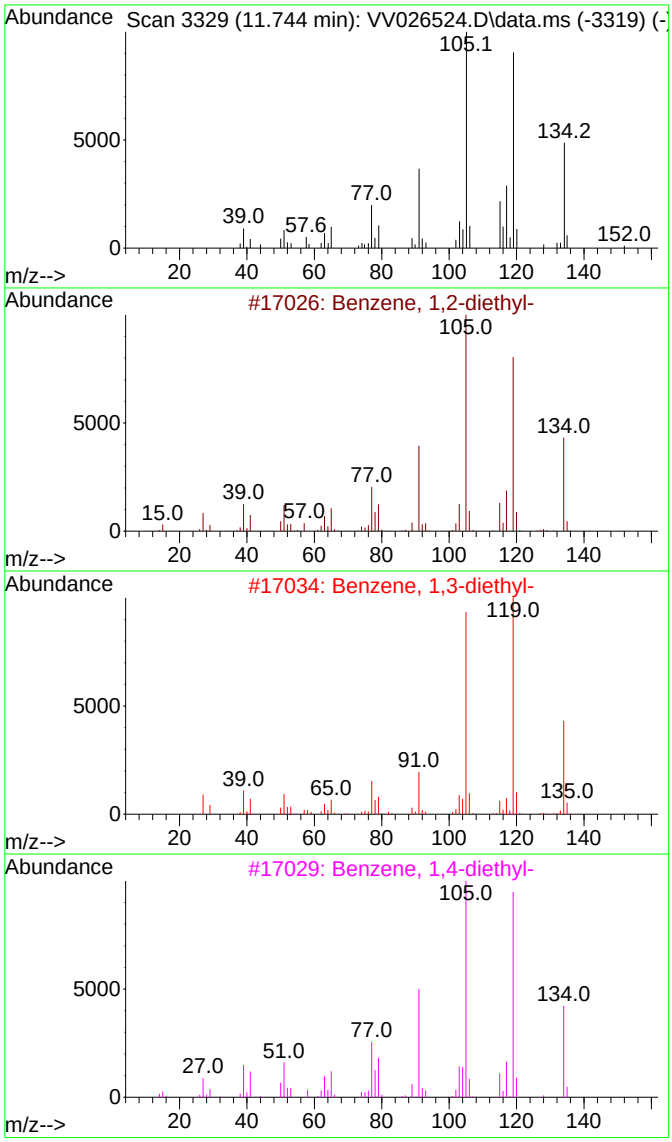
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

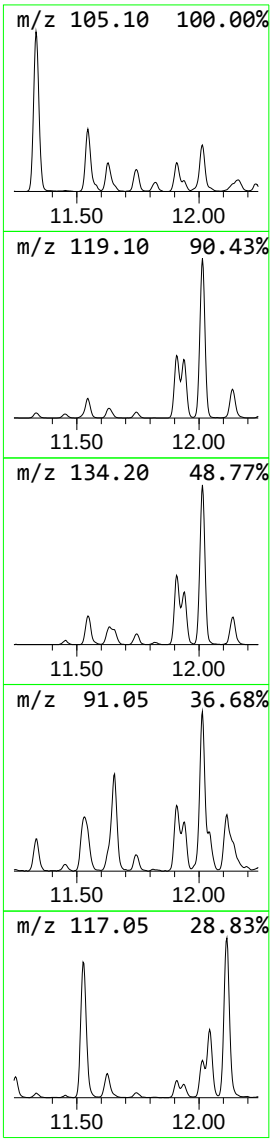
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.744	0.69 ug/L	77289	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

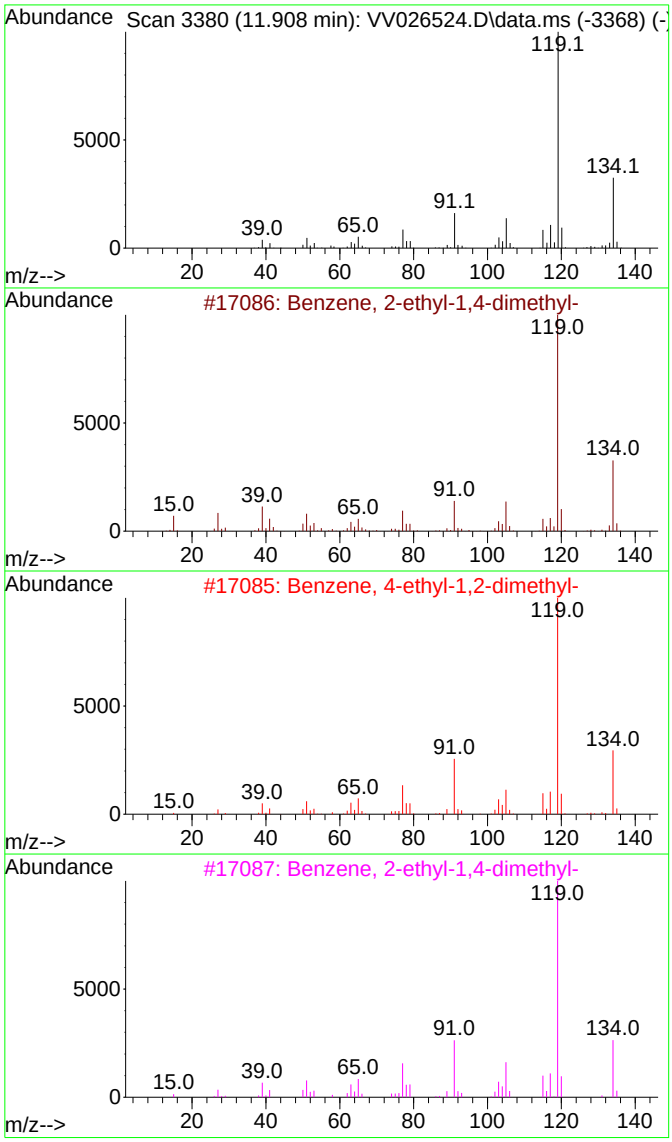
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

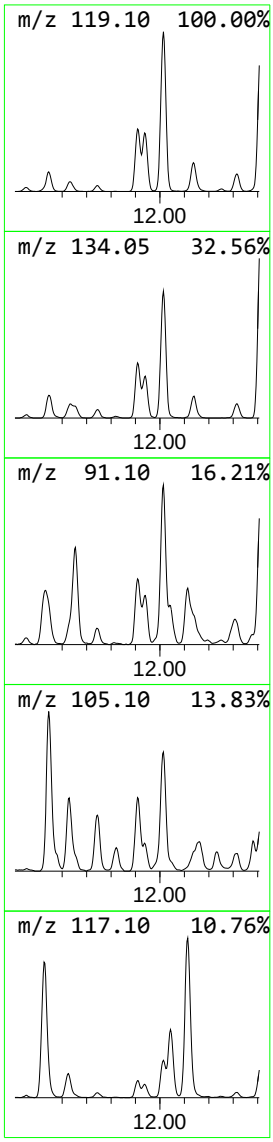
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.908	3.38 ug/L	377885	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

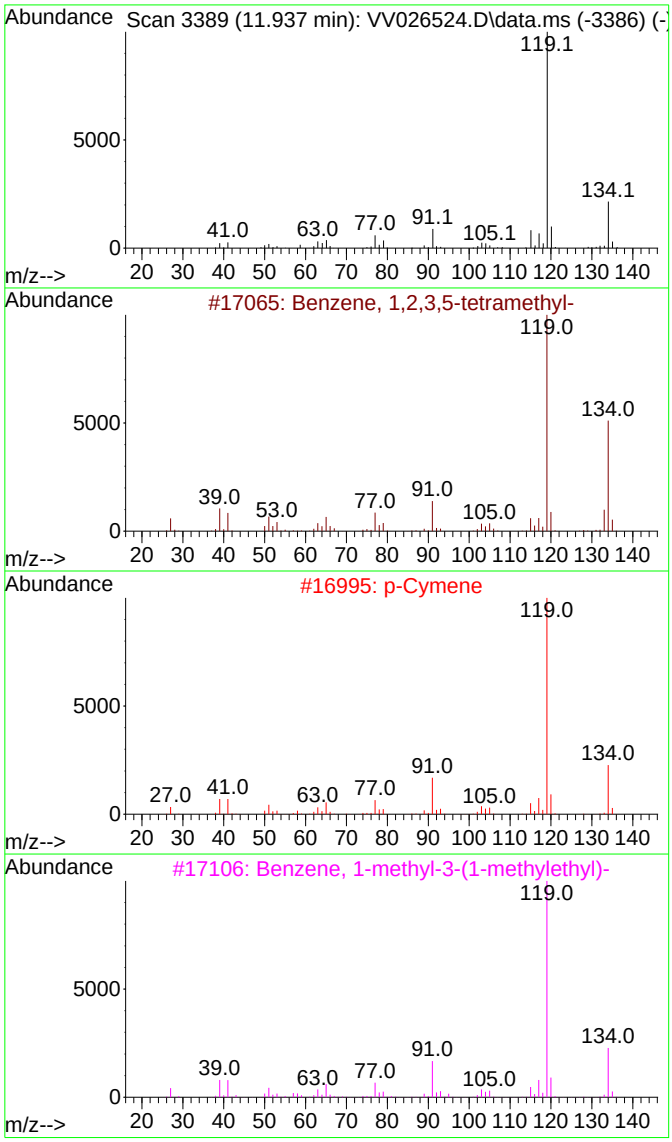
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

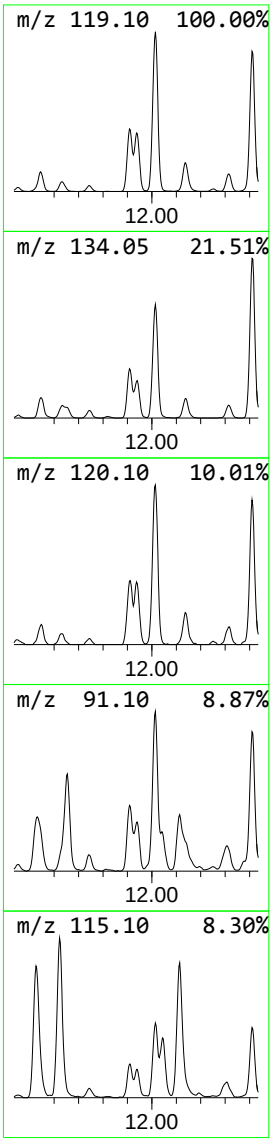
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.937	2.21 ug/L	246282	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
2	p-Cymene	134	C10H14	000099-87-6	91
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

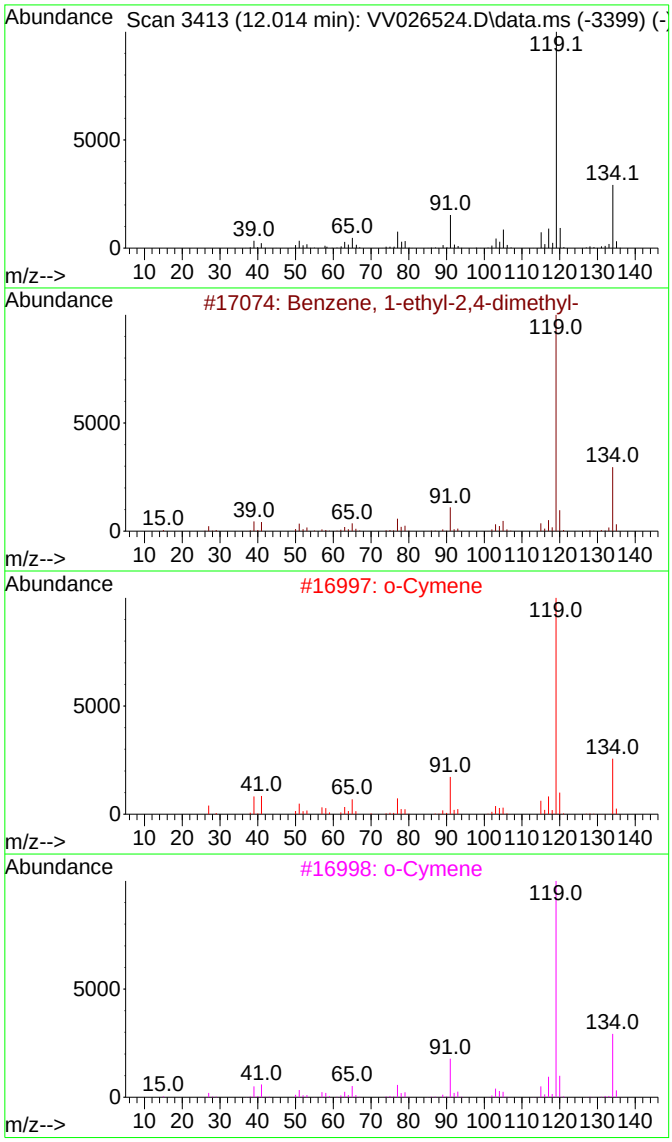
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

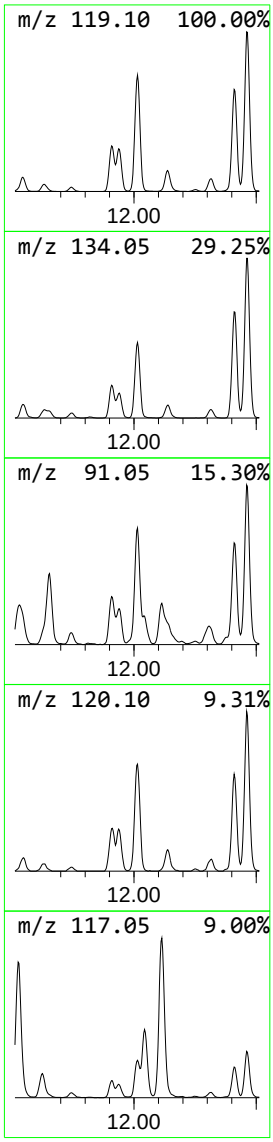
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	8.17 ug/L	911986	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	o-Cymene	134	C10H14	000527-84-4	97
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

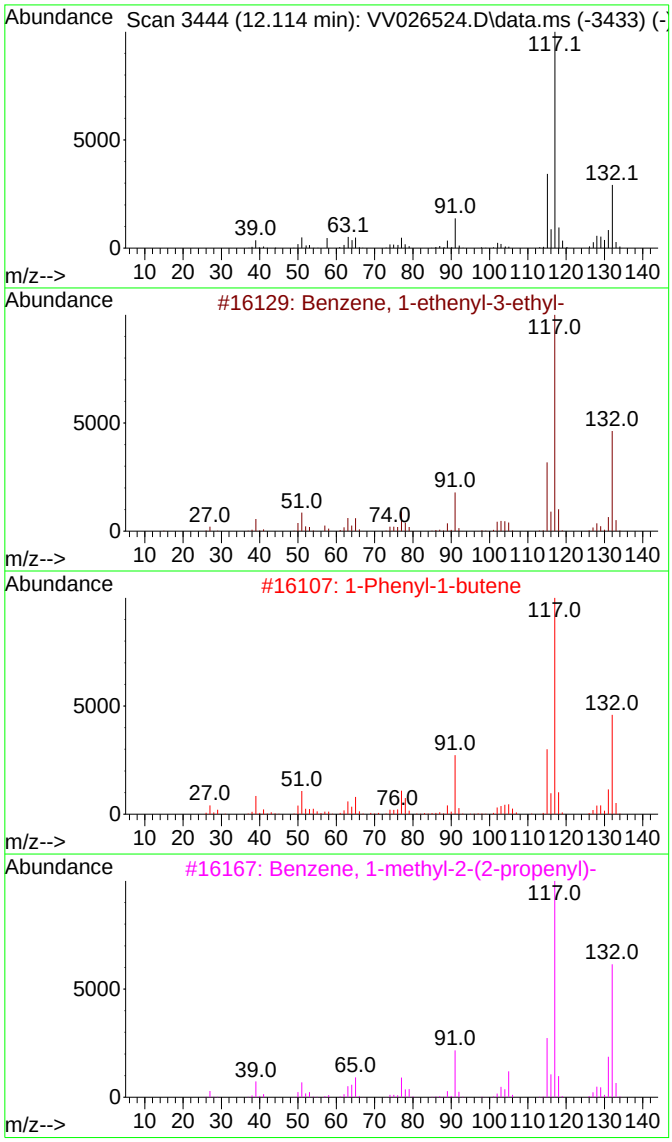
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

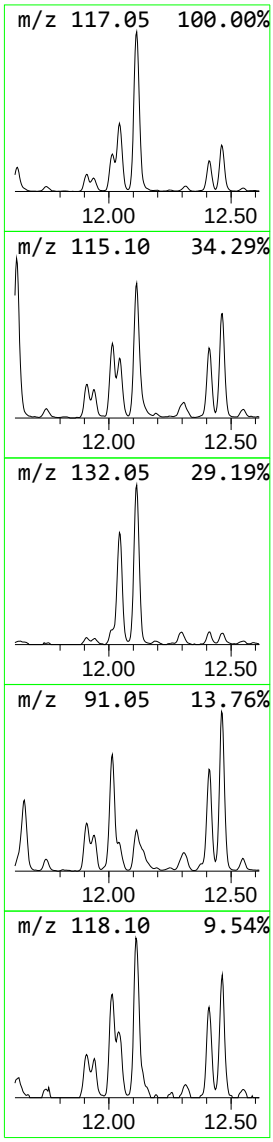
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.114	5.28 ug/L	589885	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	86
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

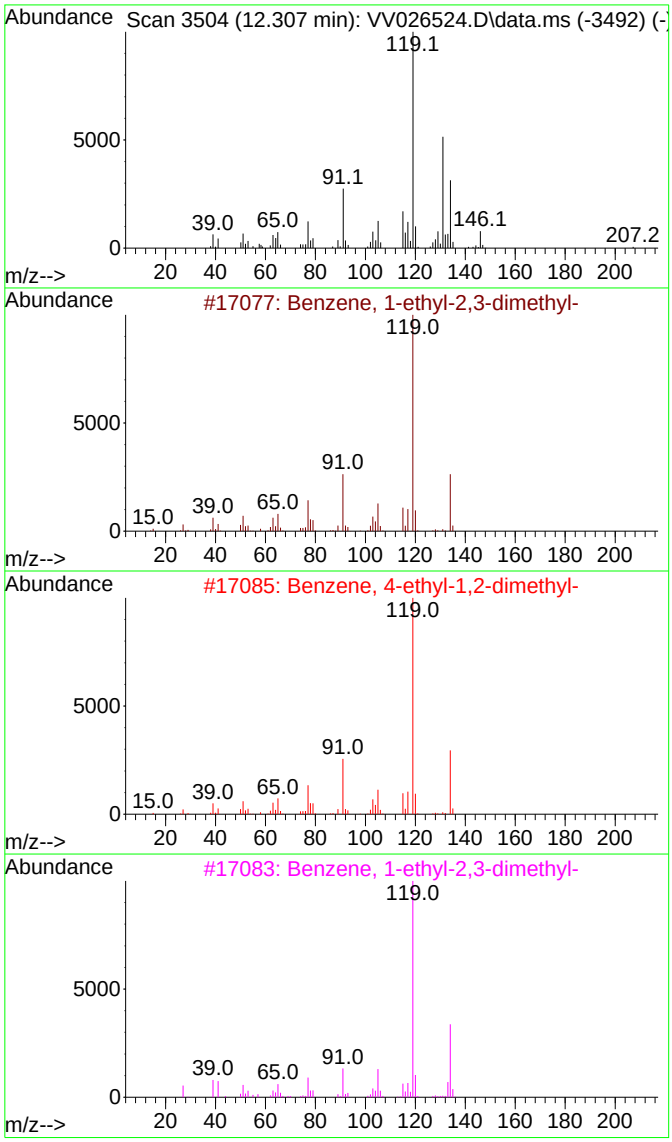
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

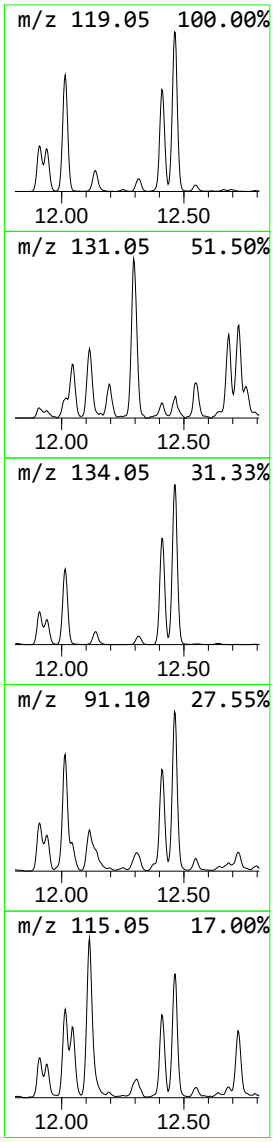
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.307	1.61 ug/L	179491	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	64
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5	p-Cymene	134	C10H14	000099-87-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

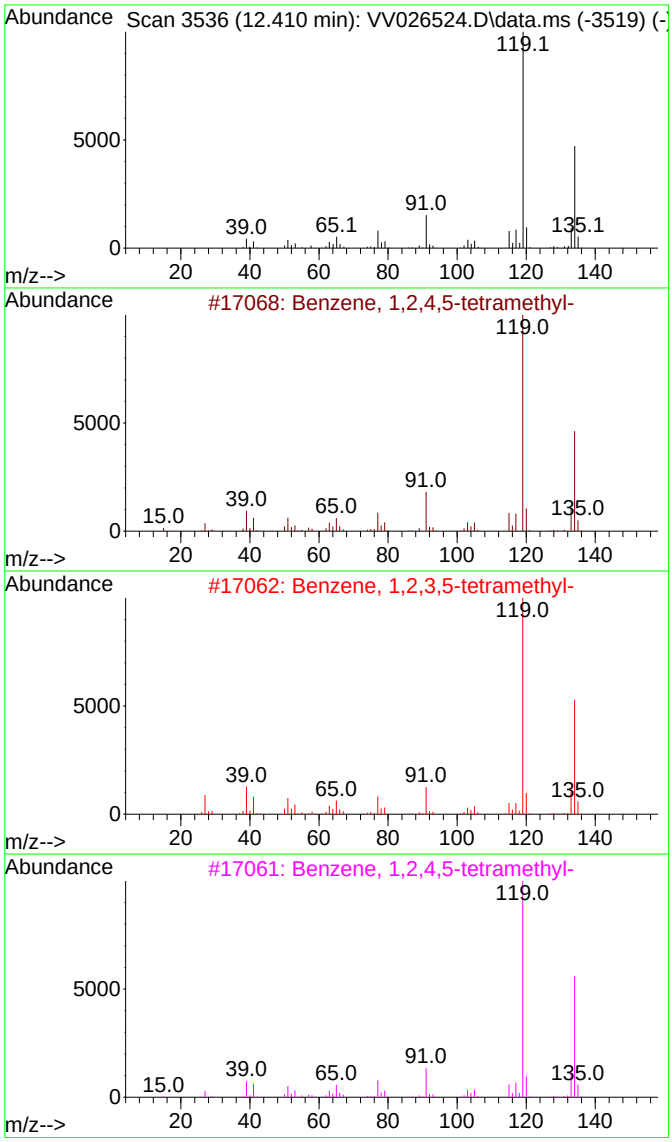
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

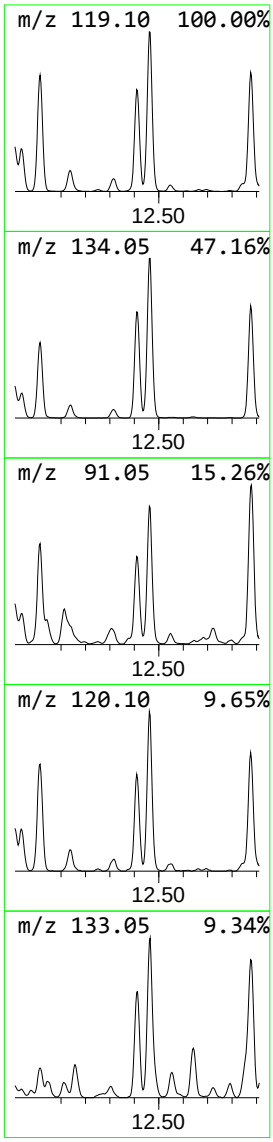
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.410	7.56 ug/L	843773	1,4-Dichlorobenzene-d4	11.249

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

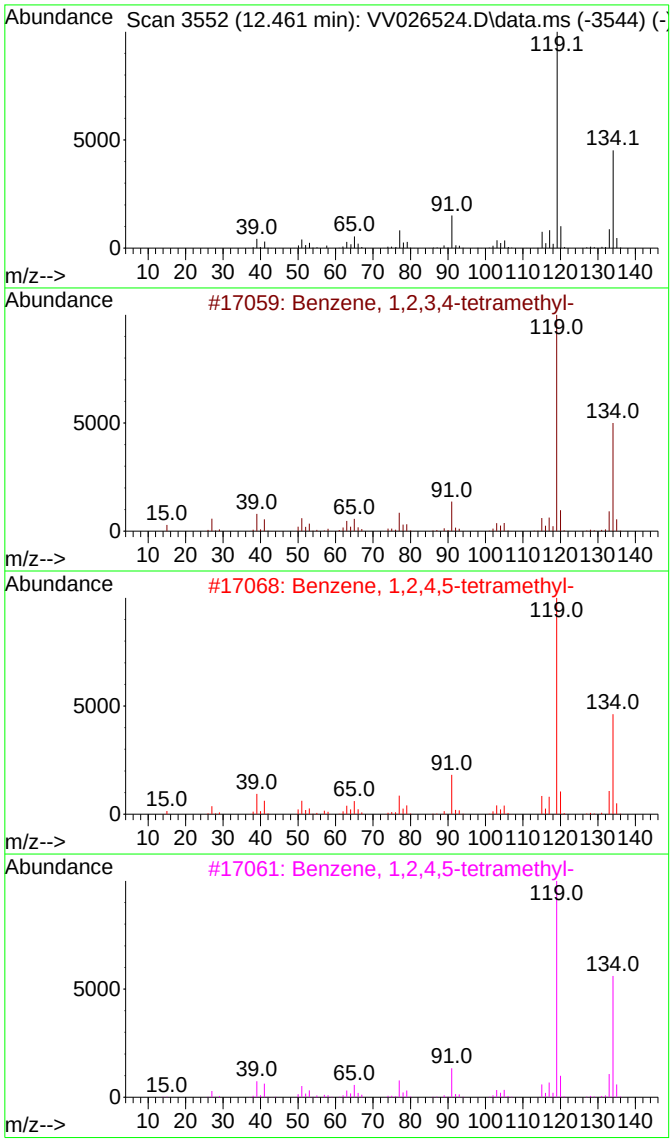
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

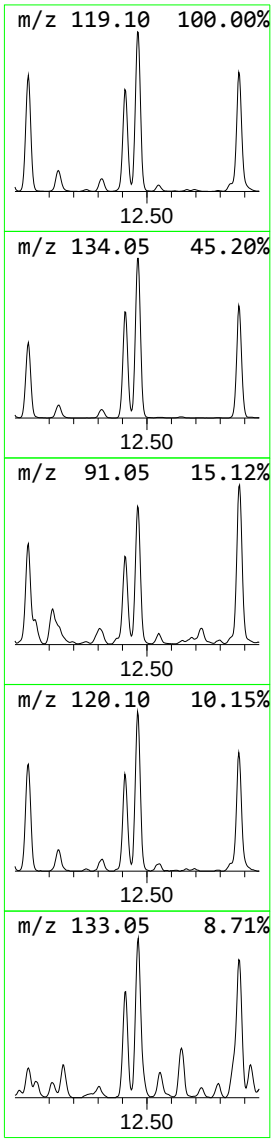
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.461	11.46 ug/L	1280060	1,4-Dichlorobenzene-d4	11.249

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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

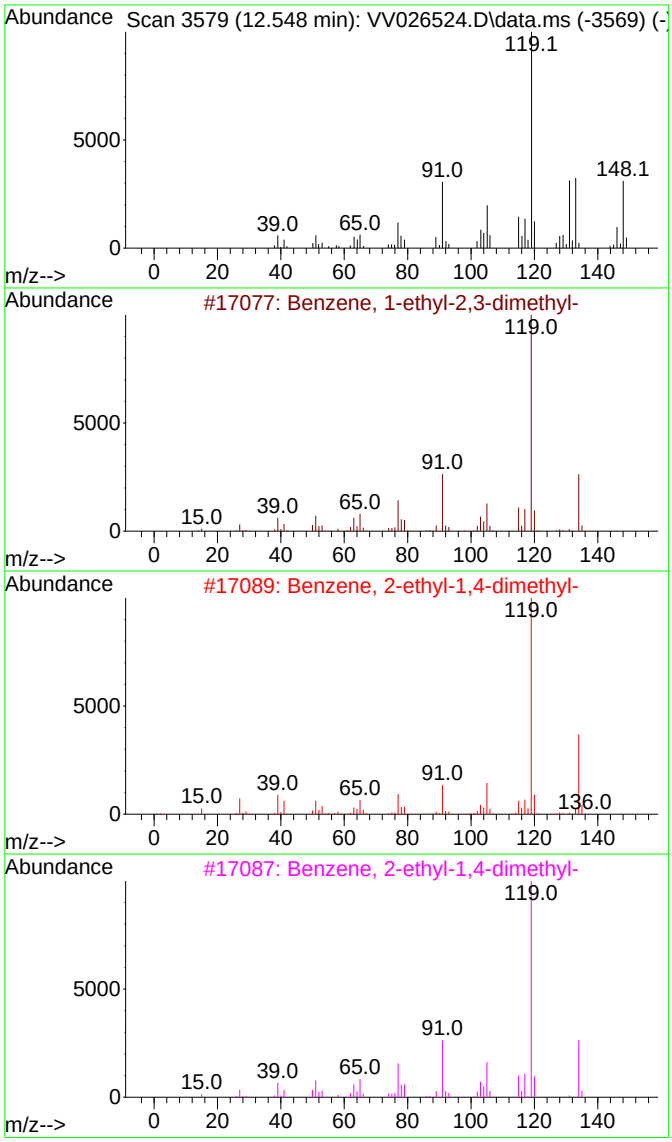
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

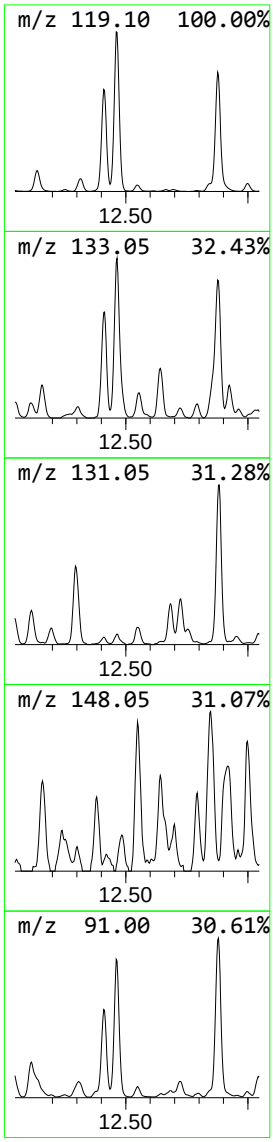
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.548	0.72 ug/L	80151	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	78
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

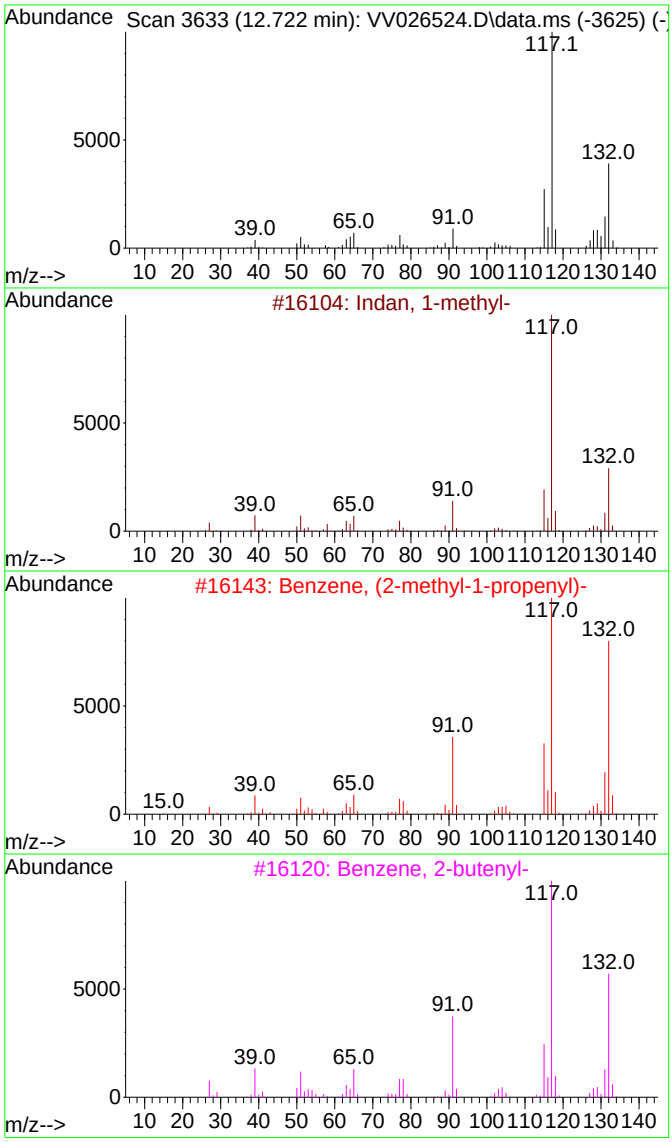
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

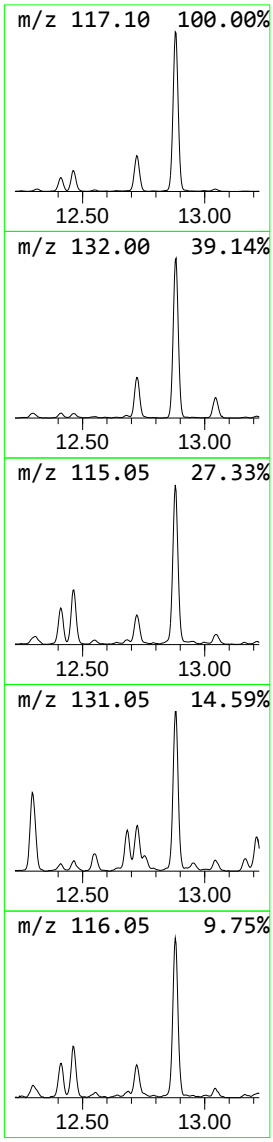
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Indan, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	2.18 ug/L	243539	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

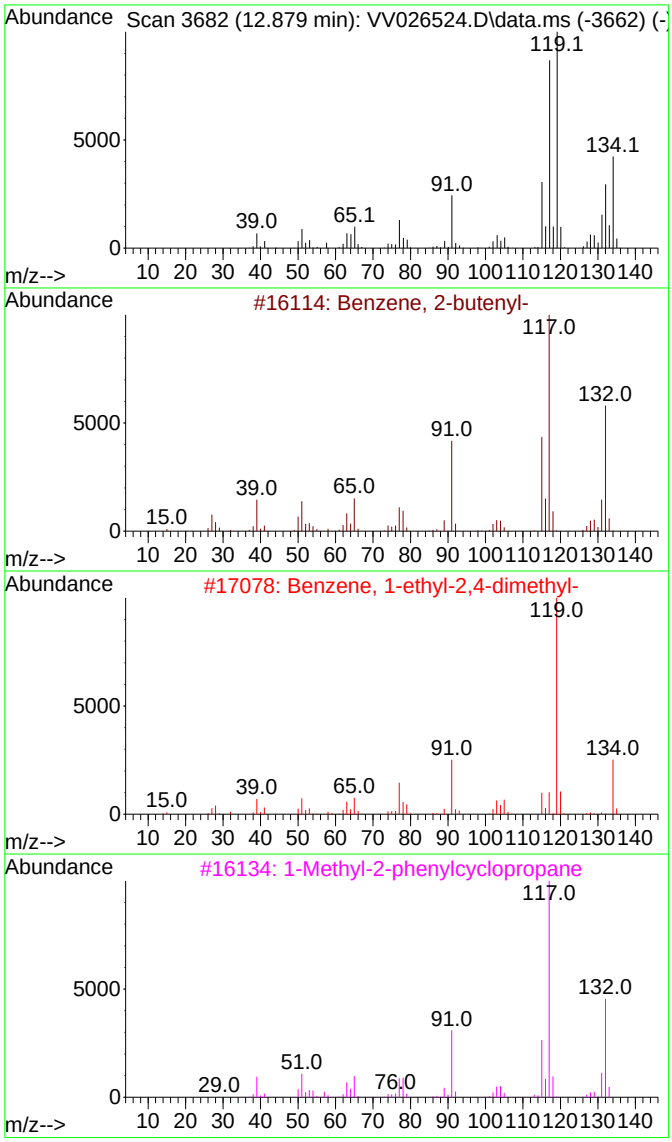
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

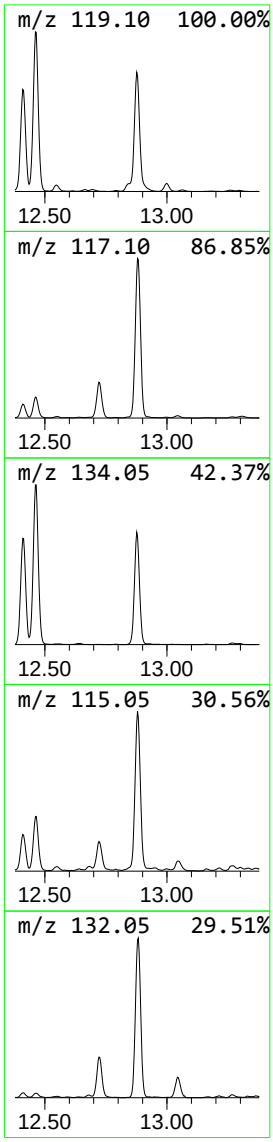
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-butenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.879	17.32 ug/L	1934230	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	64
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	50
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	50
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	50
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

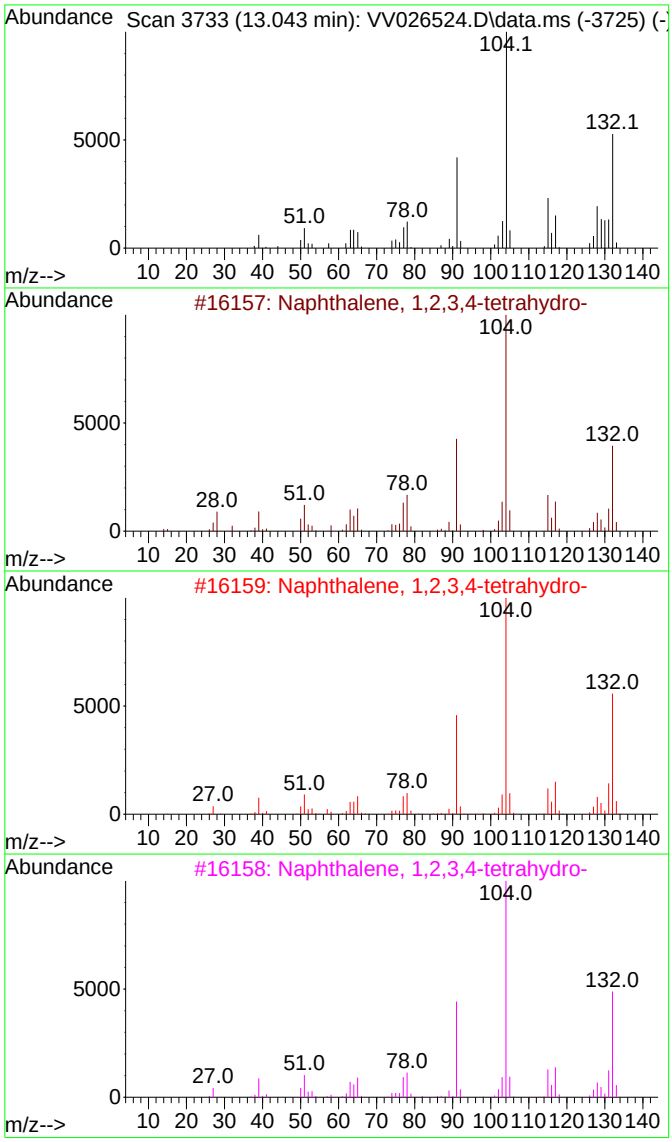
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

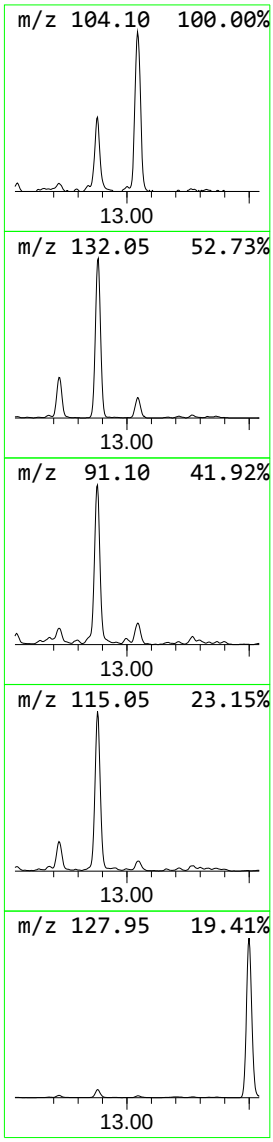
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.043	1.30 ug/L	145732	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	90
2	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
3	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
4	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89
5	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	89





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

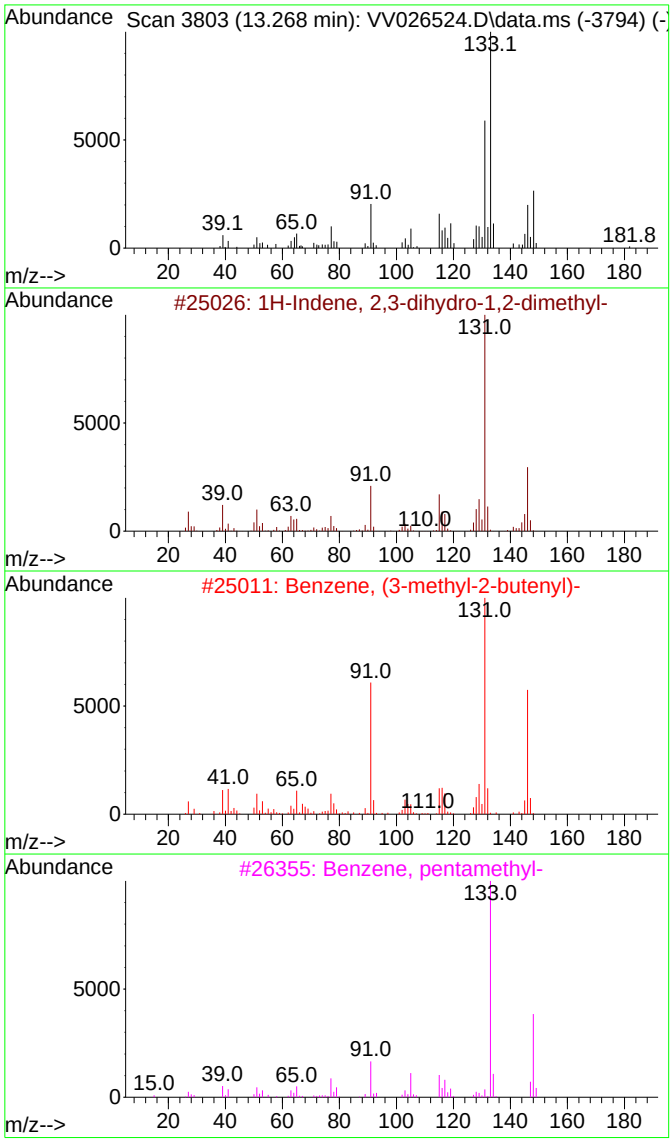
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

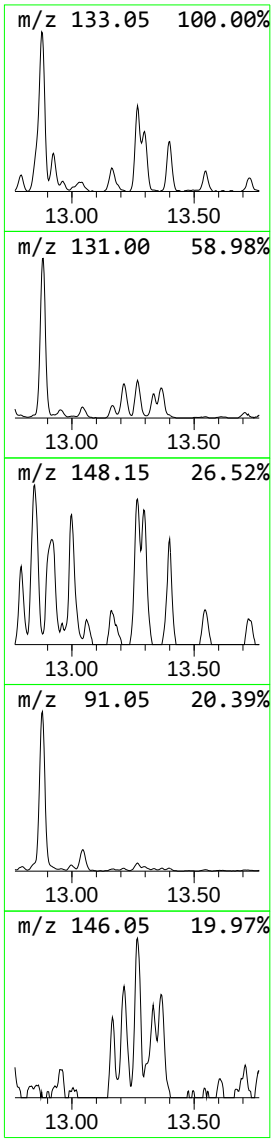
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.268	0.84 ug/L	94104	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	60
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
3	Benzene, pentamethyl-	148	C11H16	000700-12-9	53
4	1,5,6,7-Tetramethylbicyclo[3.2.0...	148	C11H16	134329-46-7	49
5	4-tert-Butyltoluene	148	C11H16	000098-51-1	46





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0

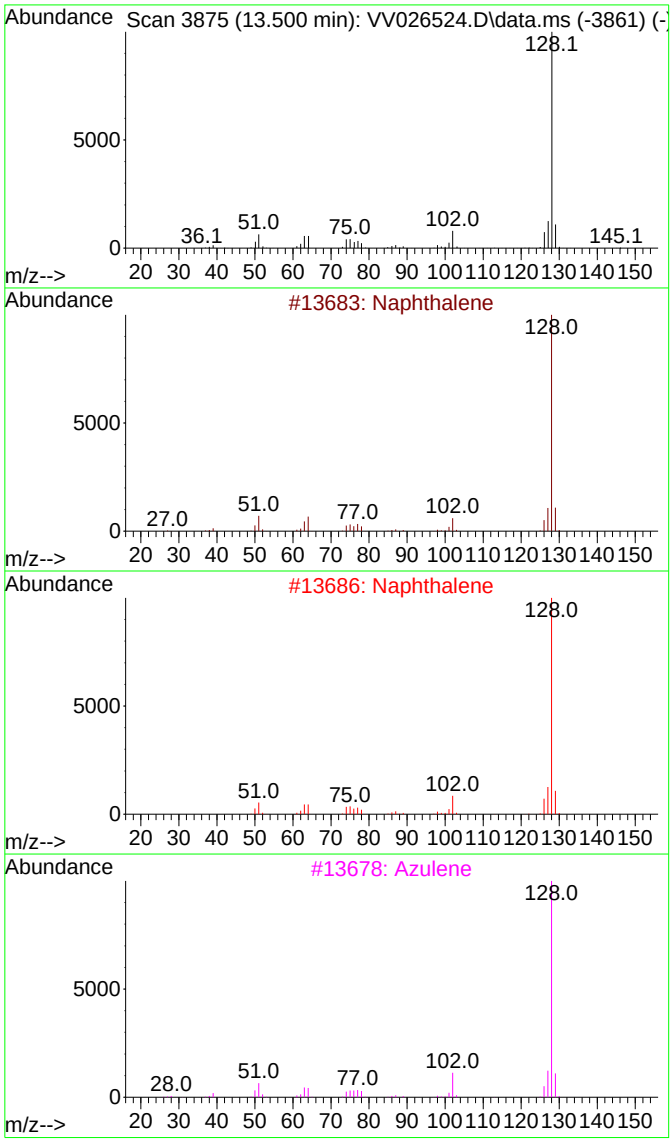
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

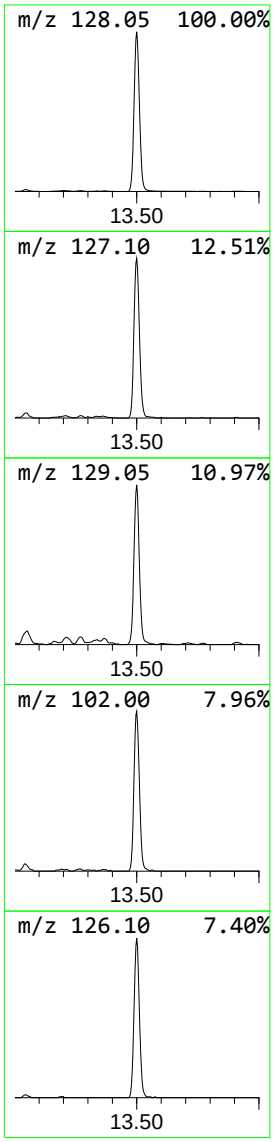
****

Peak Number 19 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.500	7.77 ug/L	867845	1,4-Dichlorobenzene-d4	11.249

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062322\
Data File : VV026524.D
Acq On : 23 Jun 2022 19:08
Operator : SY/MD
Sample : N3400-13DL 4X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AE5DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.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: C...	3.773	1.0	ug/L	97724	1	5.622	471212	5.0
Benzene, propyl-	10.352	1.7	ug/L	193658	3	11.249	558379	5.0
Benzene, 1,2,3-...	11.333	2.6	ug/L	294100	3	11.249	558379	5.0
Indane	11.529	5.0	ug/L	562328	3	11.249	558379	5.0
Benzene, 1,2-di...	11.744	0.7	ug/L	77289	3	11.249	558379	5.0
Benzene, 2-ethy...	11.908	3.4	ug/L	377885	3	11.249	558379	5.0
Benzene, 1,2,3,...	11.937	2.2	ug/L	246282	3	11.249	558379	5.0
Benzene, 1-ethy...	12.014	8.2	ug/L	911986	3	11.249	558379	5.0
Benzene, 1-ethe...	12.114	5.3	ug/L	589885	3	11.249	558379	5.0
Benzene, 1-ethy...	12.307	1.6	ug/L	179491	3	11.249	558379	5.0
Benzene, 1,2,4,...	12.410	7.6	ug/L	843773	3	11.249	558379	5.0
Benzene, 1,2,3,...	12.461	11.5	ug/L	1280060	3	11.249	558379	5.0
Benzene, 4-ethy...	12.548	0.7	ug/L	80151	3	11.249	558379	5.0
Indan, 1-methyl-	12.722	2.2	ug/L	243539	3	11.249	558379	5.0
Benzene, 2-bute...	12.879	17.3	ug/L	1934230	3	11.249	558379	5.0
Naphthalene, 1,...	13.043	1.3	ug/L	145732	3	11.249	558379	5.0
1H-Indene, 2,3-...	13.268	0.8	ug/L	94104	3	11.249	558379	5.0
Azulene	13.500	7.8	ug/L	867845	3	11.249	558379	5.0