LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

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\SFAMVTR112321WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VV023813.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	75	82	93	rVB	96097	92748	5.28%	0.713%
2	1.564	154	163	173	rBV	67263	78657	4.48%	0.605%
3	1.632	174	184	199	rVB	106181	133948	7.63%	1.030%
4	1.806	229	238	256	rVB	129890	166800	9.50%	1.282%
5	2.105	321	331	351	rBV	138178	217613	12.40%	1.673%
6	2.436	417	434	443	rBV4	10837	24544	1.40%	0.189%
7	2.529	444	463	472	rVV	83390	194418	11.08%	1.494%
8	2.577	474	478	498	rVB5	19829	41649	2.37%	0.320%
9	2.761	520	535	552	rBV	65274	131072	7.47%	1.007%
10	2.950	579	594	609	rBV2	24383	52255	2.98%	0.402%
11	3.040	609	622	638	rVV	64755	127933	7.29%	0.983%
12	3.224	667	679	688	rBV4	11545	23905	1.36%	0.184%
13	3.449	732	749	760	rBV9	8117	24246	1.38%	0.186%
14	3.760	829	846	870	rBV2	108173	278246	15.85%	2.139%
15	3.915	878	894	922	rBV3	58848	210843	12.01%	1.621%
16	4.349	1013	1029	1043	rBV	87359	227814	12.98%	1.751%
17	4.674	1114	1130	1147	rBV2	95763	239057	13.62%	1.837%
18	4.912	1187	1204	1230	rBV5	11111	37505	2.14%	0.288%
19	5.047	1230	1246	1267	rBV2	204169	512135	29.18%	3.936%
20	5.313	1318	1329	1343	rVB3	20275	46408	2.64%	0.357%
21	5.616	1412	1423	1450	rBV	149400	326155	18.58%	2.507%
22	5.912	1502	1515	1545	rBV	267023	533711	30.41%	4.102%
23	6.069	1551	1564	1575	rBV	112790	234753	13.38%	1.804%
24	6.130	1576	1583	1601	rVB4	46397	98138	5.59%	0.754%
25	6.571	1701	1720	1732	rBV4	10694	33805	1.93%	0.260%
26	6.989	1840	1850	1874	rVB2	57783	110370	6.29%	0.848%
27	7.317	1941	1952	1969	rBV	251626	442682	25.22%	3.402%
28	7.625	2039	2048	2070	rBV	34733	64778	3.69%	0.498%
29	7.976	2139	2157	2182	rBV	1042713	1755023	100.00%	13.489%
30	8.091	2182	2193	2223	rBV	201612	415251	23.66%	3.192%
31	8.854	2419	2430	2450	rBV	222704	370129	21.09%	2.845%
32	9.014	2470	2480	2493	rBV	74903	117360	6.69%	0.902%
33	9.136	2506	2518	2533	rBV	350234	578277	32.95%	4.445%
34	9.545	2634	2645	2660	rBV	44955	75054	4.28%	0.577%
35	9.934	2754	2766	2780	rBV2	18337	29724	1.69%	0.228%
36	10.217	2843	2854	2875	rVB2	78671	126343	7.20%	0.971%

LSC Area Percent Report

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Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

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\SFAMVTR112321WMA.M
Title : TRACE VOA SFAM1.0

37	10.355	2887	2897	2914	rVB	59263	91840	5.23%	0.706%
38	10.448	2914	2926	2944	rBV	282132	627734	35.77%	4.825%
39	10.538	2944	2954	2969	rVB	163210	246450	14.04%	1.894%
40	10.738	3002	3016	3034	rBV	160866	255336	14.55%	1.963%
41	10.911	3059	3070	3091	rBV	778400	1181087	67.30%	9.078%
42	11.249	3165	3175	3190	rVV	266240	403719	23.00%	3.103%
43	11.336	3191	3202	3215	rVB	169133	255378	14.55%	1.963%
44	11.529	3251	3262	3271	rBV	73994	136881	7.80%	1.052%
45	11.574	3271	3276	3282	rVV2	33194	48003	2.74%	0.369%
46	11.625	3282	3292	3315	rVB2	292064	534377	30.45%	4.107%
47	11.818	3345	3352	3364	rVB2	13734	20191	1.15%	0.155%
48	11.911	3371	3381	3385	rBV	43377	61475	3.50%	0.472%
49	11.940	3386	3390	3402	rVB	37399	50916	2.90%	0.391%
50	12.014	3402	3413	3420	rBV	73593	114050	6.50%	0.877%
51	12.114	3435	3444	3466	rVB	87967	144840	8.25%	1.113%
52	12.316	3495	3507	3517	rVB4	15525	25547	1.46%	0.196%
53	12.413	3525	3537	3545	rBV	46456	68879	3.92%	0.529%
54	12.464	3545	3553	3565	rVB	65793	98126	5.59%	0.754%
55	12.725	3625	3634	3649	rVB	56881	90158	5.14%	0.693%
56	12.882	3664	3683	3695	rBV2	113447	185852	10.59%	1.428%
57	13.050	3726	3735	3747	rVB7	14255	25656	1.46%	0.197%
58	13.213	3779	3786	3795	rVB3	17654	26332	1.50%	0.202%
59	13.268	3795	3803	3811	rBV3	17170	26477	1.51%	0.204%
60	13.368	3828	3834	3841	rVB2	14574	17873	1.02%	0.137%
61	13.503	3866	3876	3888	rBV	44696	69740	3.97%	0.536%
62	14.635	4219	4228	4244	rVB	18791	30390	1.73%	0.234%

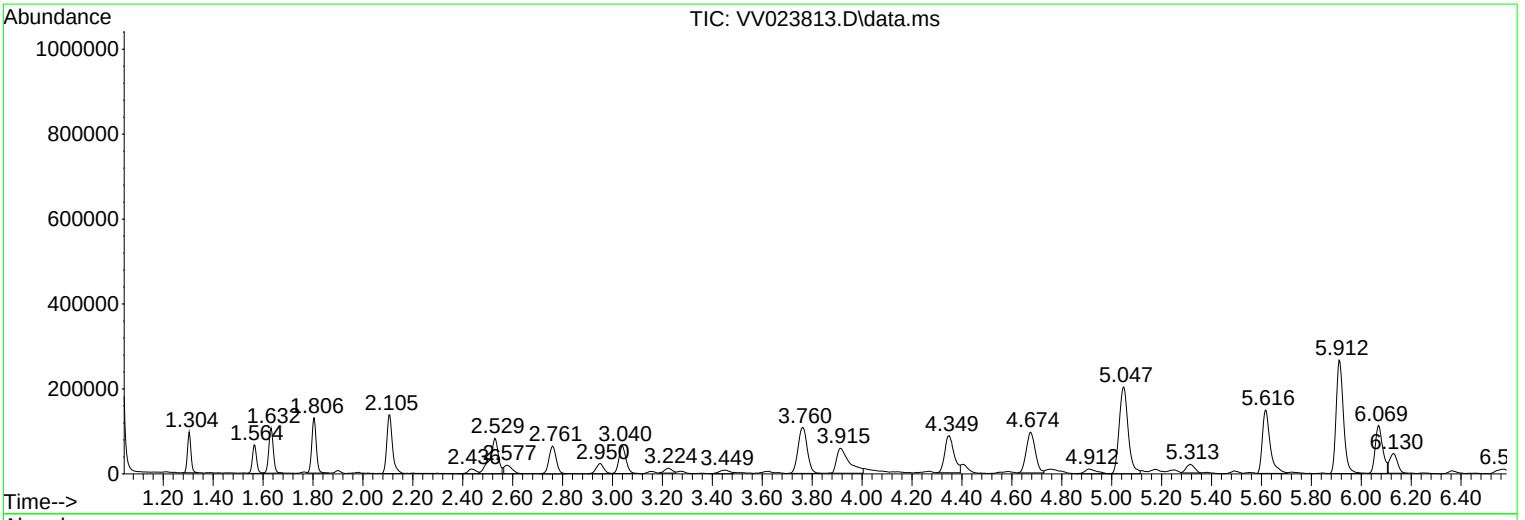
Sum of corrected areas: 13010656

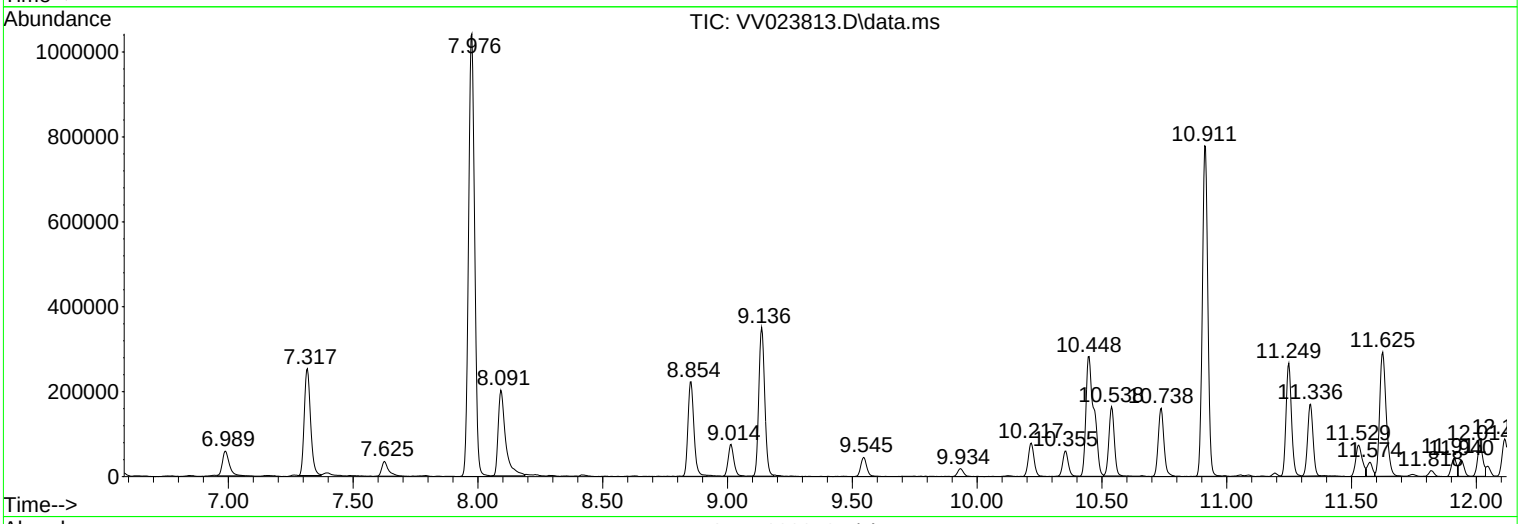
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

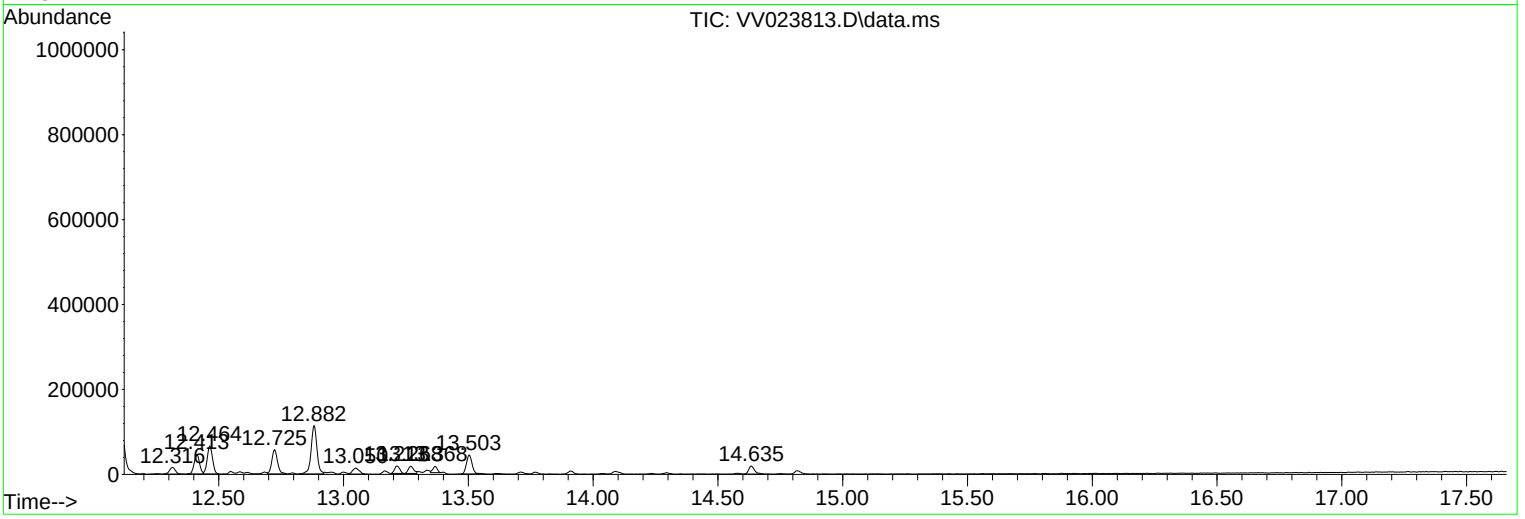
Instrument :
MSVOA_V
ClientSampleId :
C0G35

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.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\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

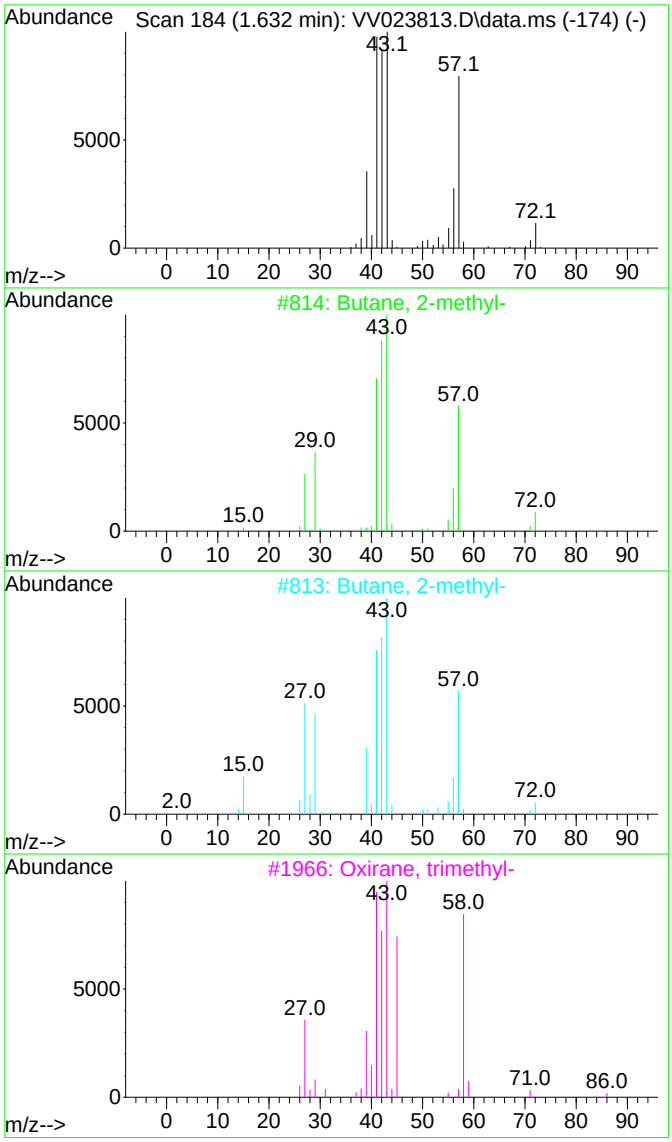
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

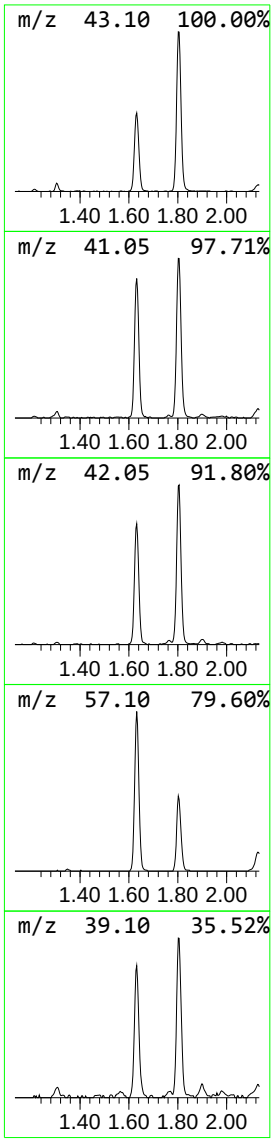
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.632	2.05 ug/L	133948	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	64
3	Oxirane, trimethyl-	86	C5H10O	005076-19-7	40
4	3-Buten-1-ol	72	C4H8O	000627-27-0	38
5	Isobutylene epoxide	72	C4H8O	000558-30-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

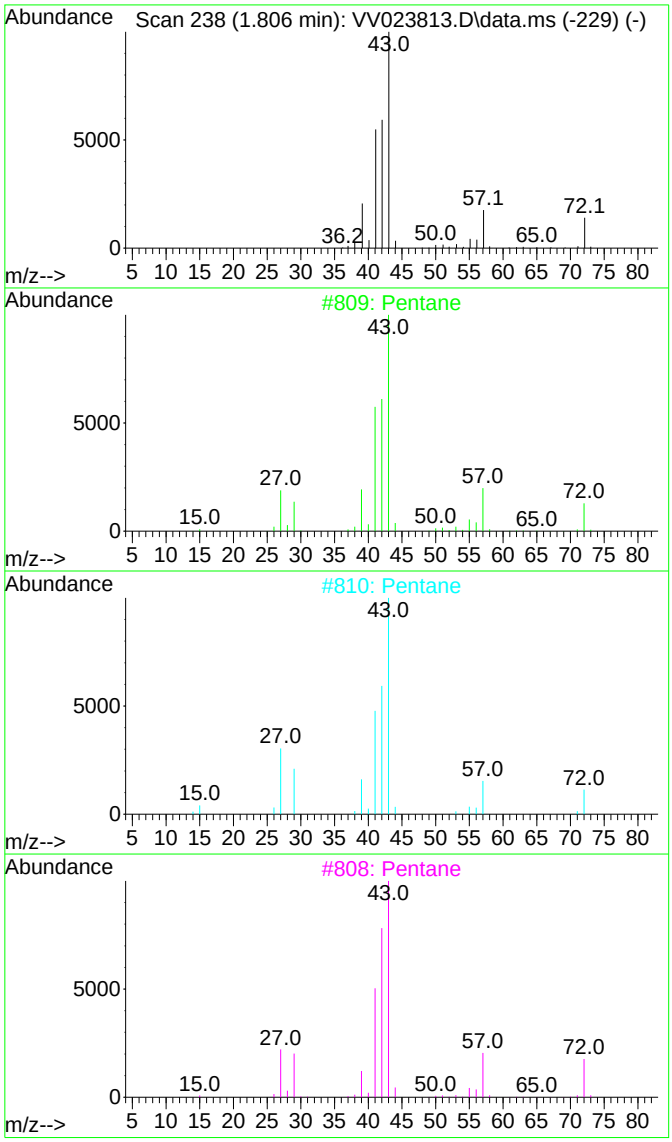
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

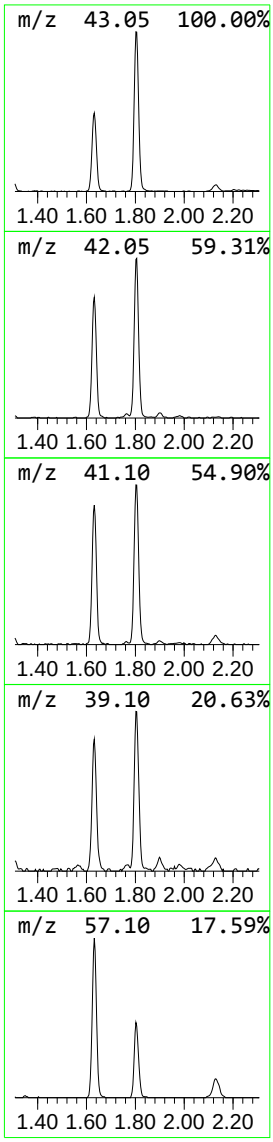
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.806	2.56 ug/L	166800	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Pentane	72	C5H12	000109-66-0	90
3	Pentane	72	C5H12	000109-66-0	90
4	Pentane	72	C5H12	000109-66-0	90
5	Pentane	72	C5H12	000109-66-0	86





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

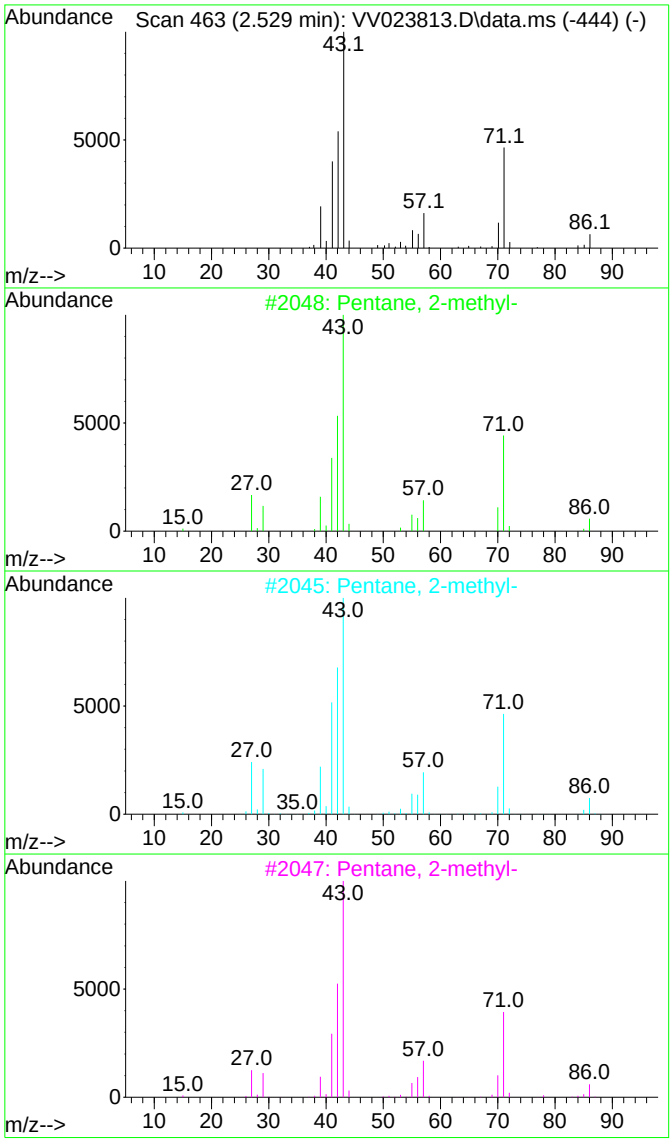
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

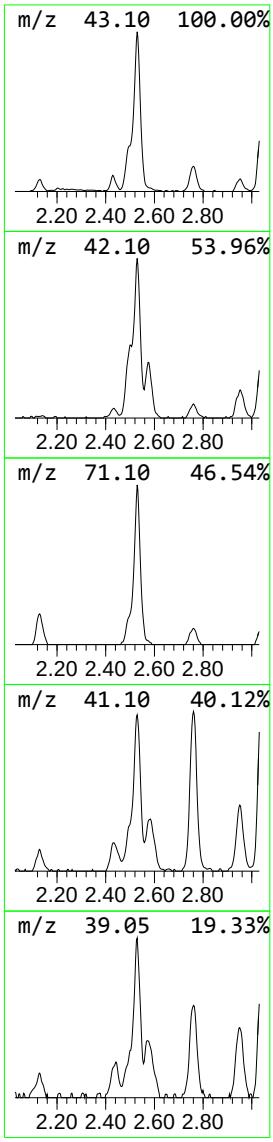
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.529	2.98 ug/L	194418	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
4	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
5	Pentane, 2-methyl-	86	C6H14	000107-83-5	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

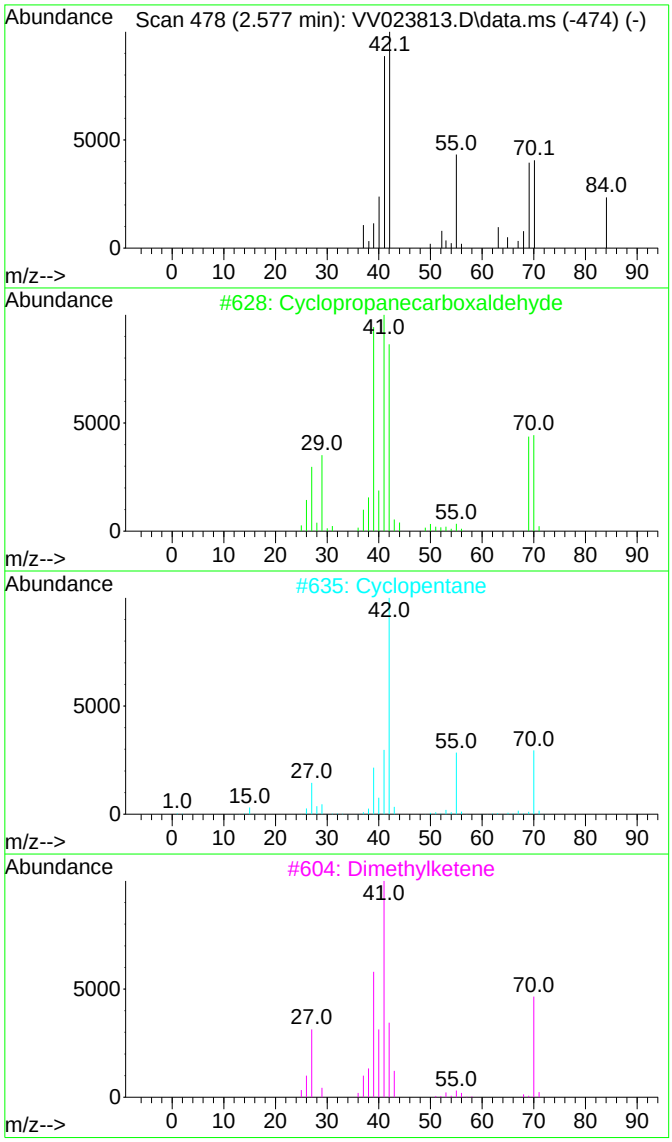
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

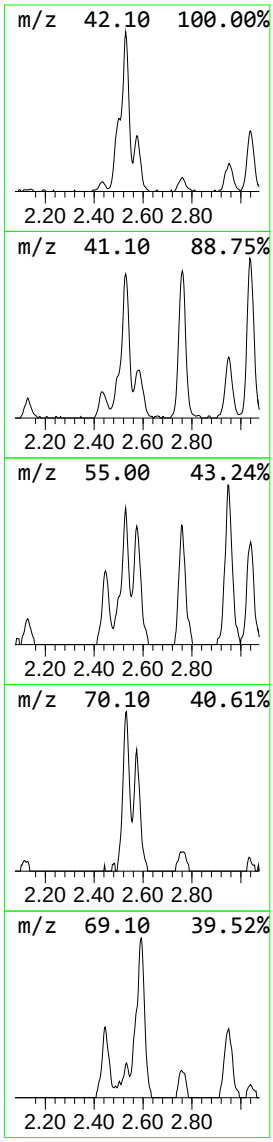
****

Peak Number 4 Cyclopropanecarboxaldehyde Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.577	0.64 ug/L	41649	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropanecarboxaldehyde	70	C4H6O	001489-69-6	64
2	Cyclopentane	70	C5H10	000287-92-3	43
3	Dimethylketene	70	C4H6O	000598-26-5	32
4	Cyclopropane	42	C3H6	000075-19-4	25
5	Cyclopropane	42	C3H6	000075-19-4	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

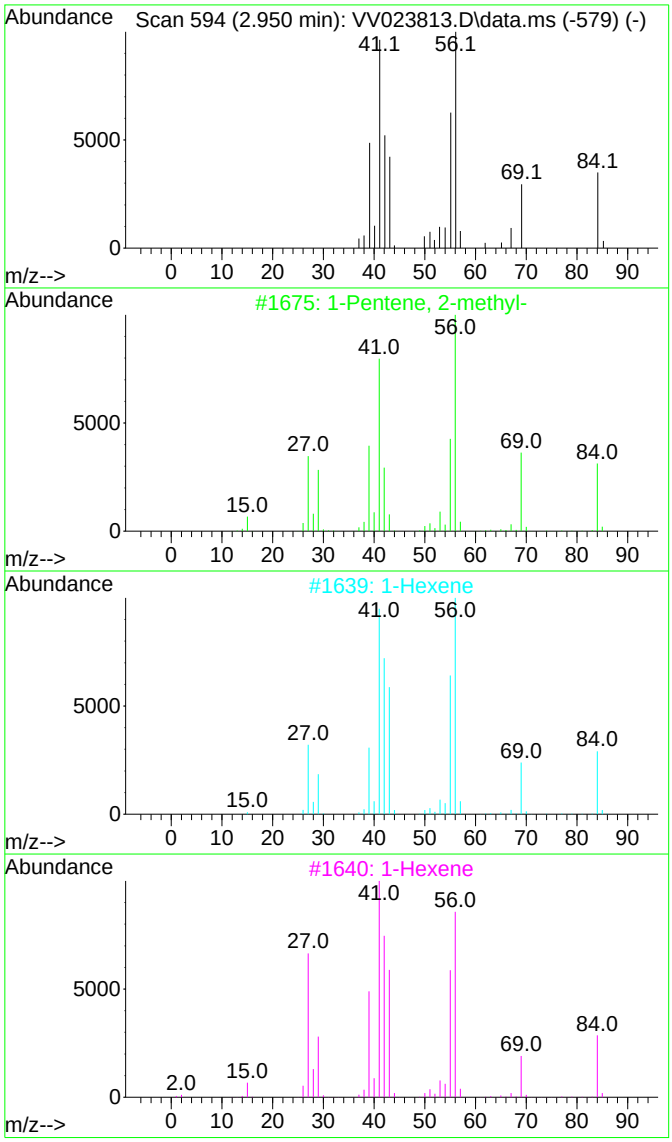
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

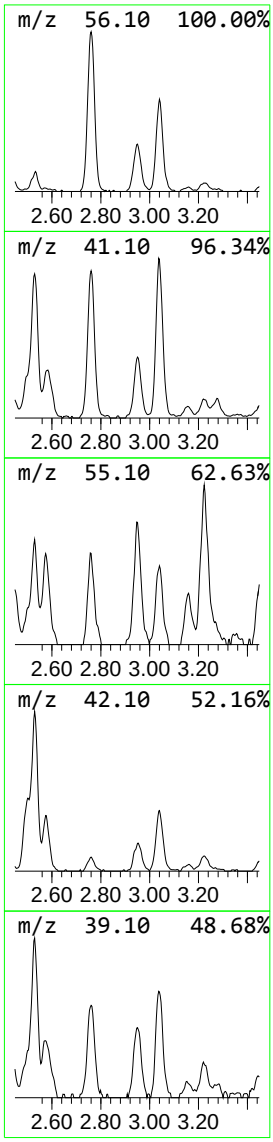
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.950	0.80 ug/L	52255	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	81
2	1-Hexene	84	C6H12	000592-41-6	76
3	1-Hexene	84	C6H12	000592-41-6	76
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72
5	1-Hexene	84	C6H12	000592-41-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
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Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

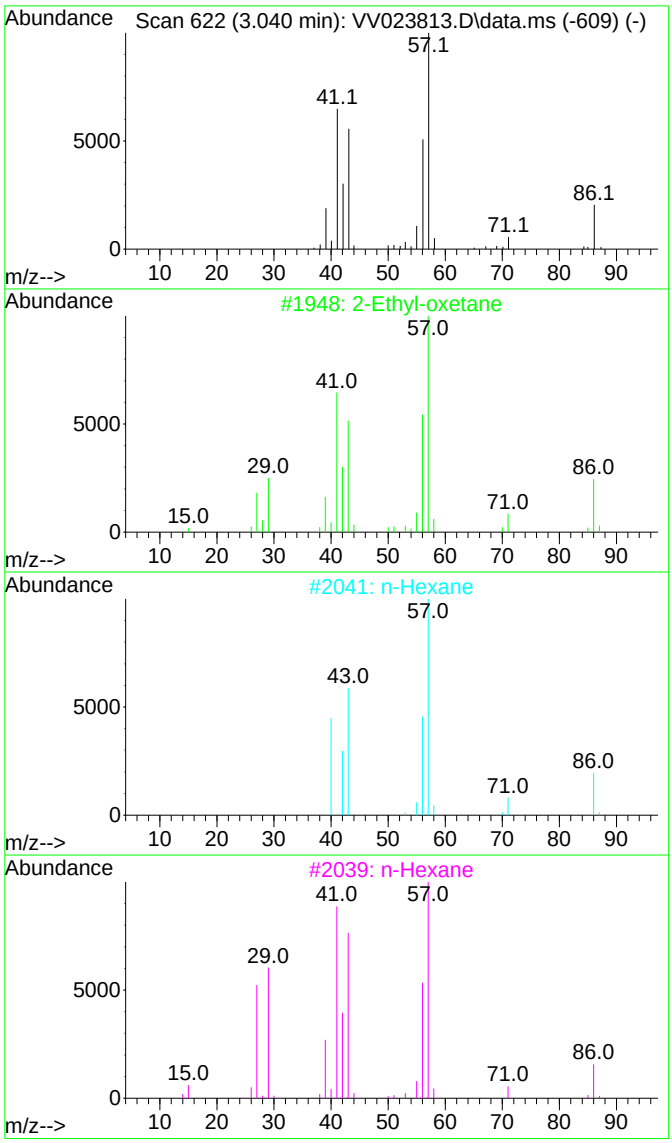
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

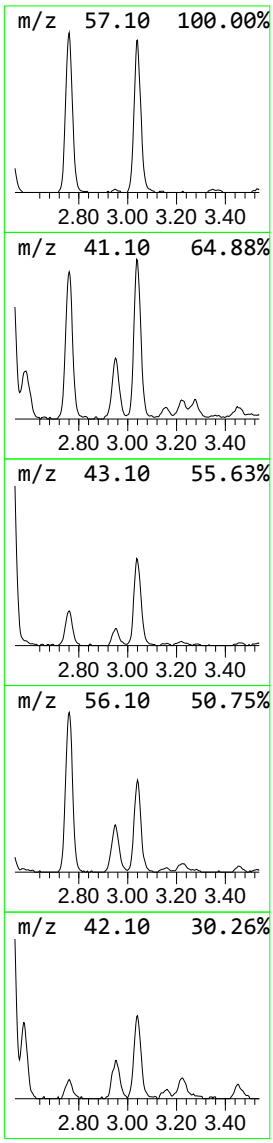
****

Peak Number 6 2-Ethyl-oxetane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	1.96 ug/L	127933	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2	n-Hexane	86	C6H14	000110-54-3	80
3	n-Hexane	86	C6H14	000110-54-3	78
4	n-Hexane	86	C6H14	000110-54-3	72
5	n-Hexane	86	C6H14	000110-54-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

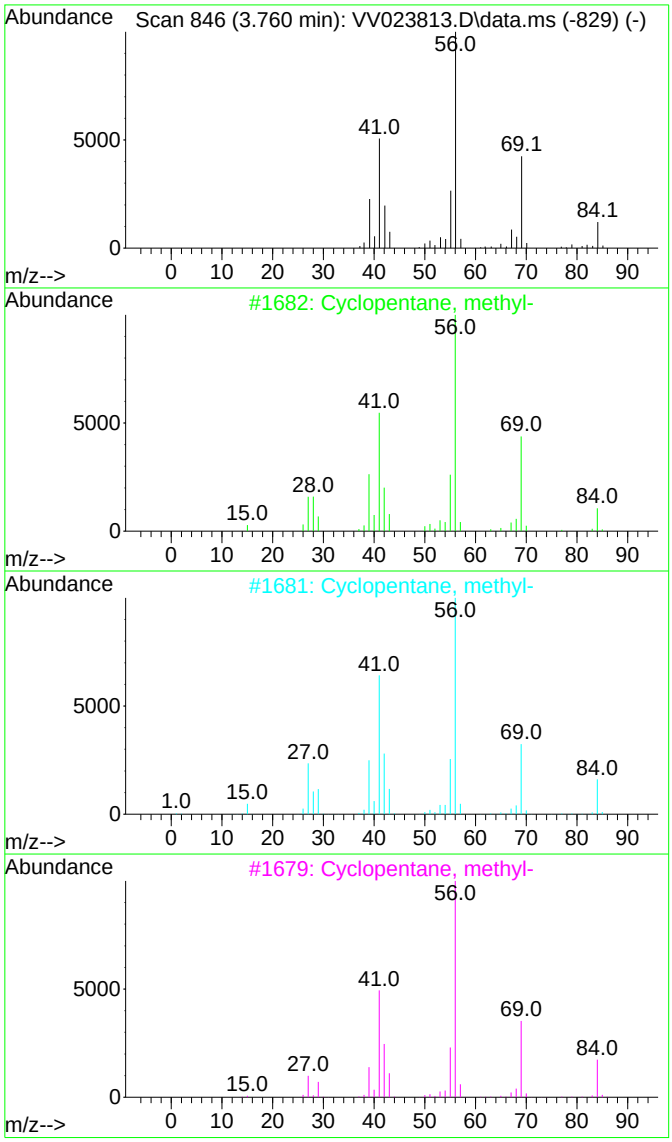
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

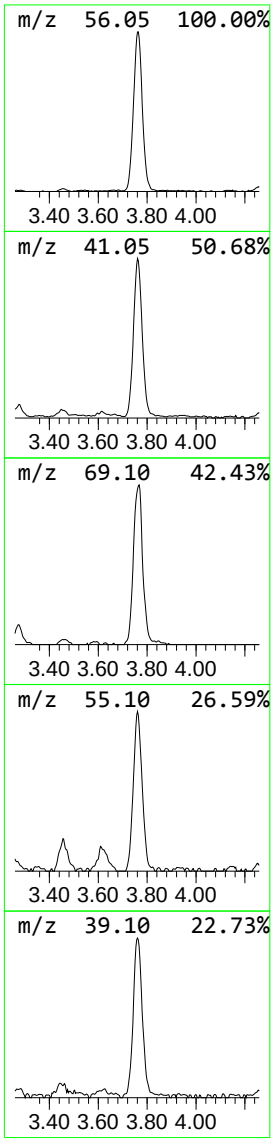
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Cyclic3.760 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.760	4.27 ug/L	278246	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
5	Cyclohexane	84	C6H12	000110-82-7	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

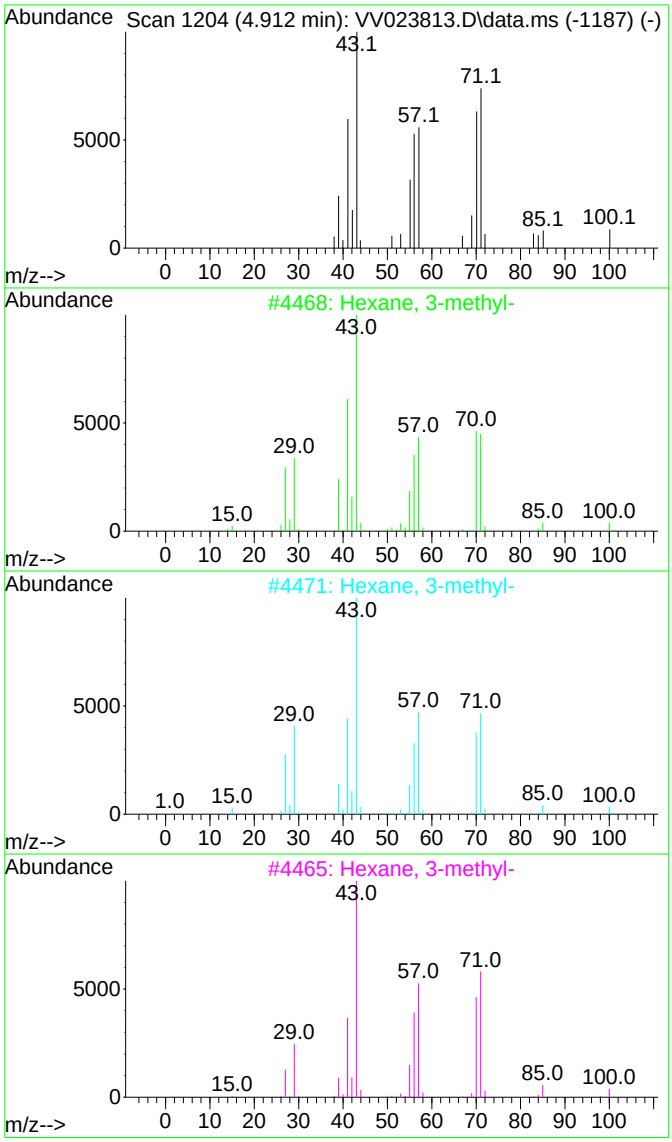
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

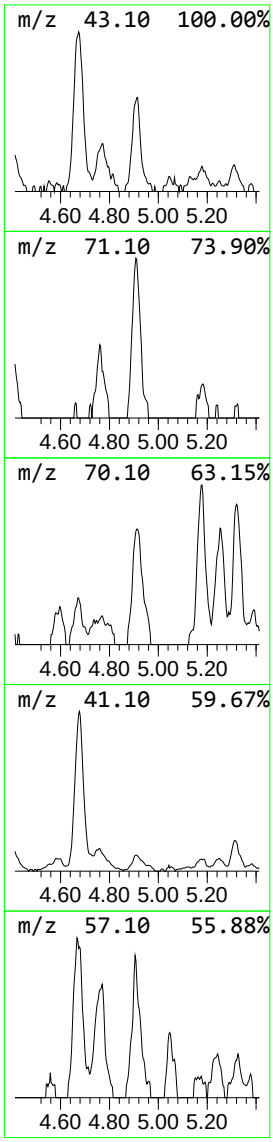
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.912	0.57 ug/L	37505	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	86
2	Hexane, 3-methyl-	100	C7H16	000589-34-4	80
3	Hexane, 3-methyl-	100	C7H16	000589-34-4	78
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	59
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

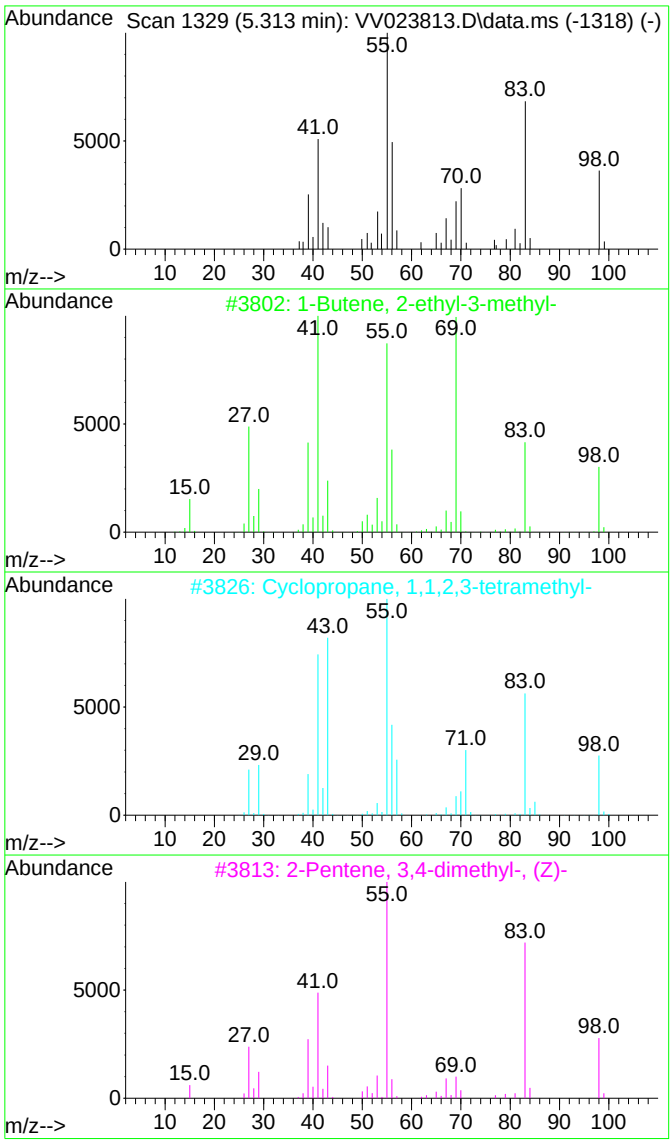
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

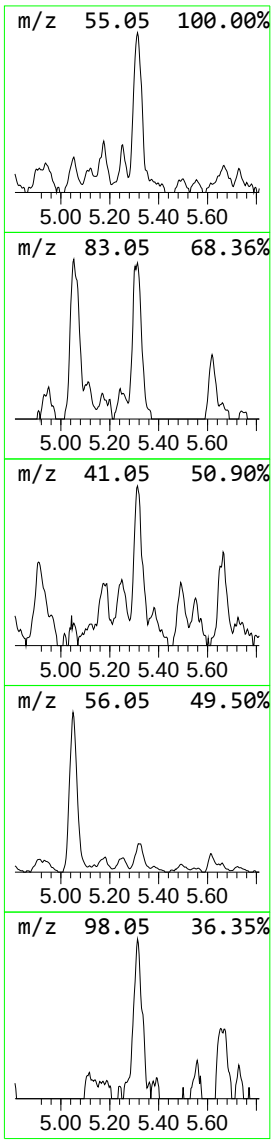
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.313	0.71 ug/L	46408	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	80
2	Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	64
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	52
4	2-Pentene, 4,4-dimethyl-	98	C7H14	026232-98-4	50
5	(Z)-3-Heptene	98	C7H14	007642-10-6	49





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Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

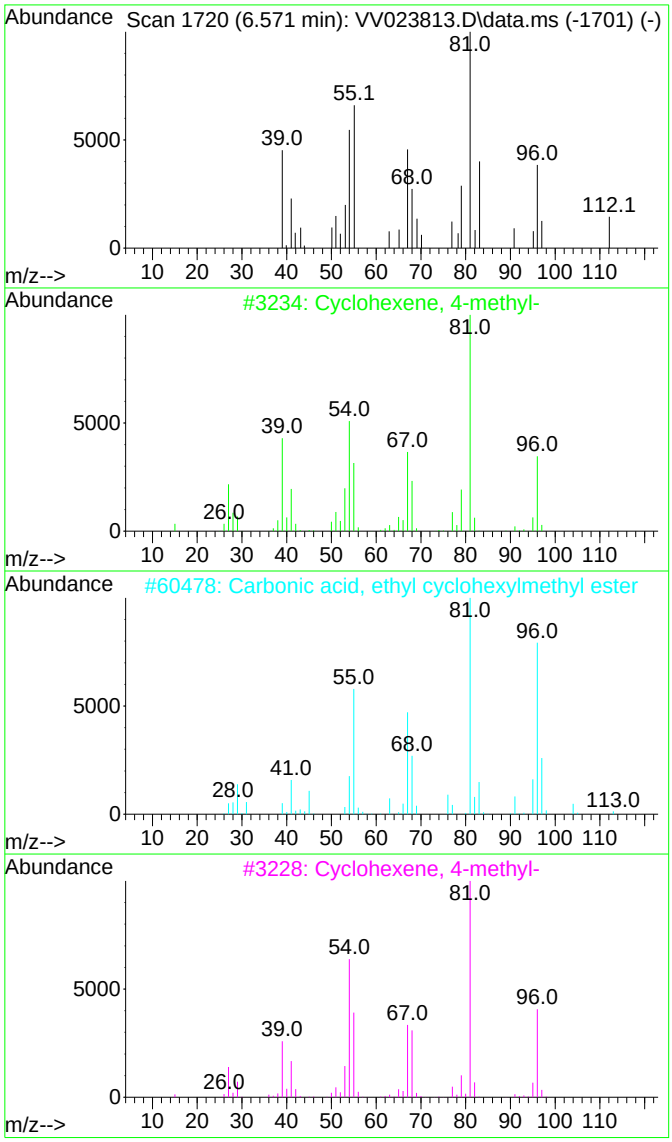
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

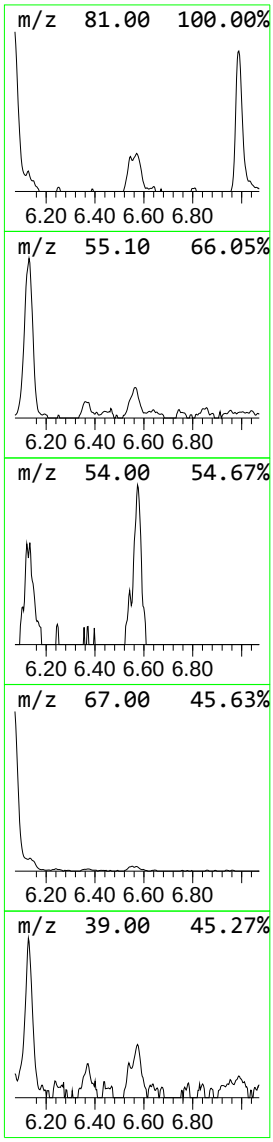
****

Peak Number 10 Cyclohexene, 4-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.571	0.52 ug/L	33805	1,4-Difluorobenzene	5.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	93
2	Carbonic acid, ethyl cyclohexylm...	186	C10H18O3	1000357-91-5	52
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	52
4	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	52
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	49





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Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

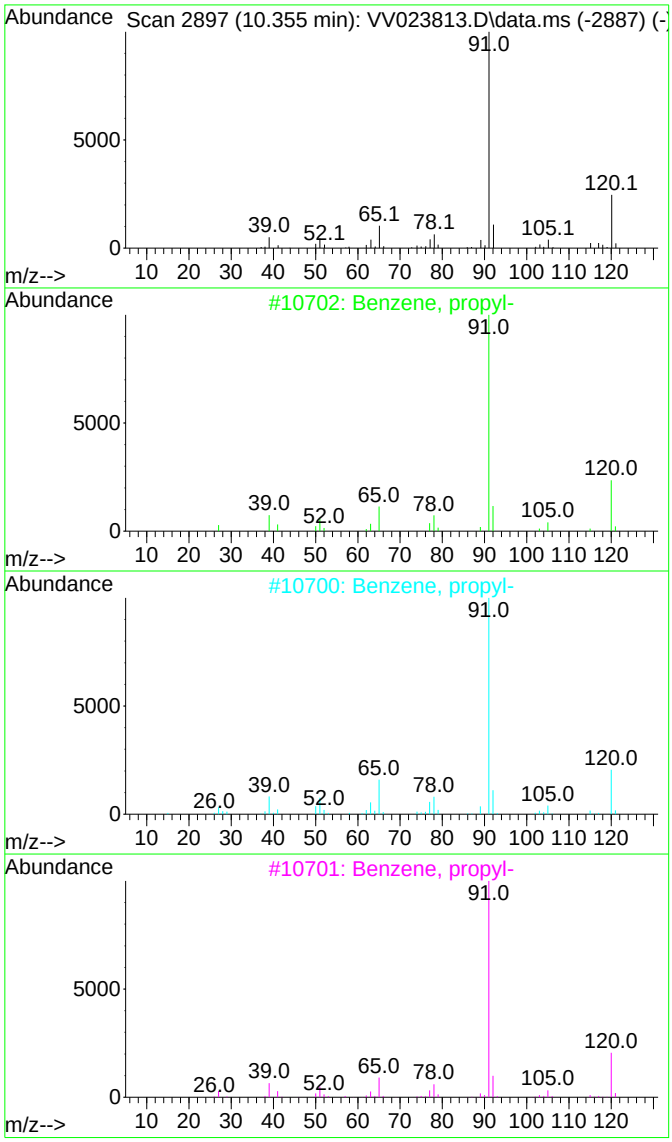
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

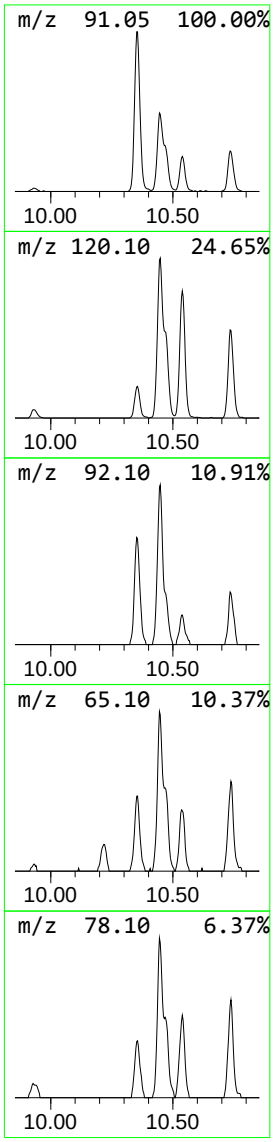
****

Peak Number 12 Benzene, propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.355	1.14 ug/L	91840	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Benzene, propyl-	120	C9H12	000103-65-1	83
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

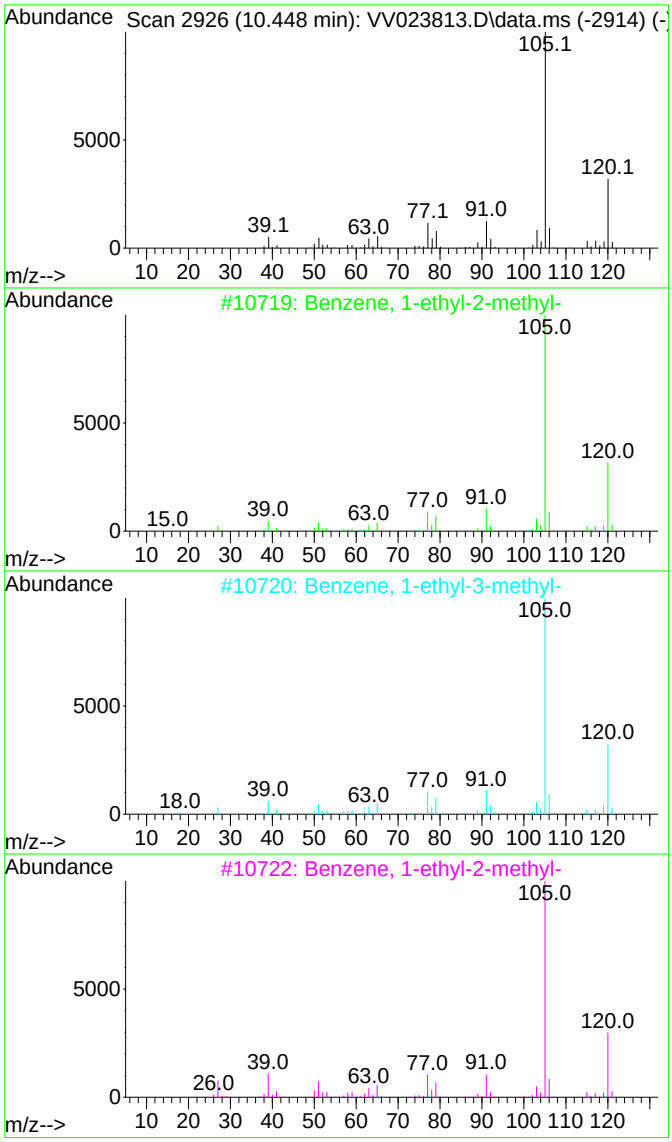
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

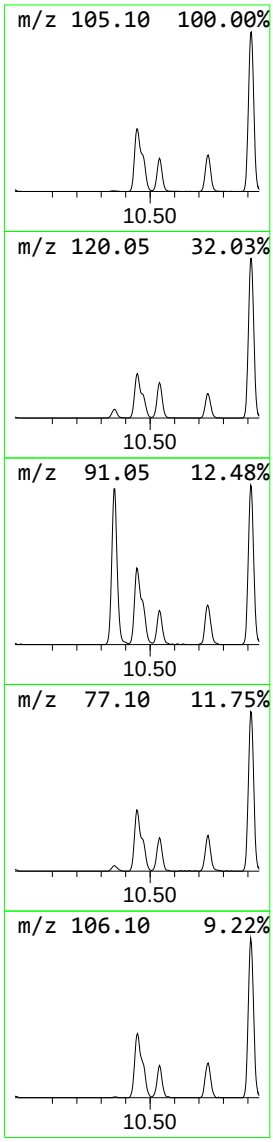
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.448	7.77 ug/L	627734	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	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

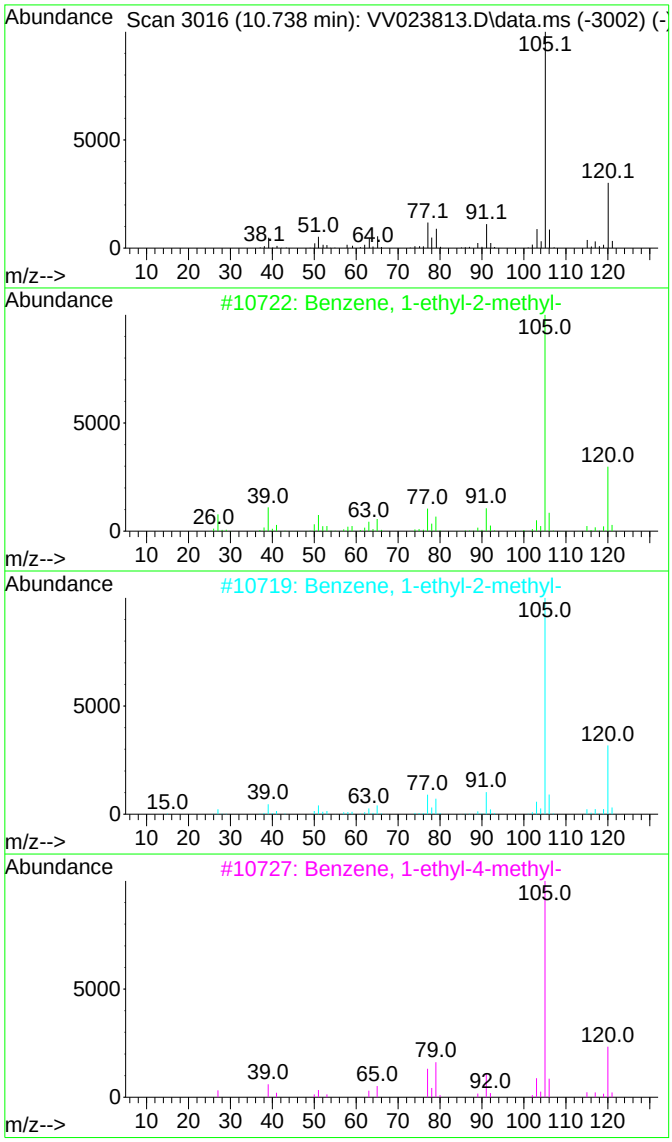
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

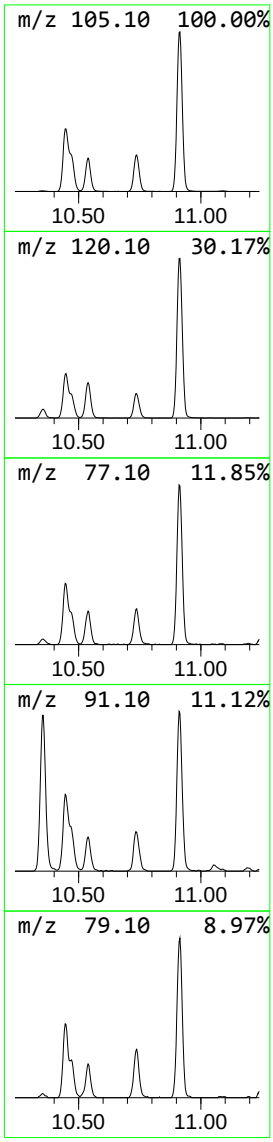
****

Peak Number 14 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.738	3.16 ug/L	255336	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	93
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





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Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

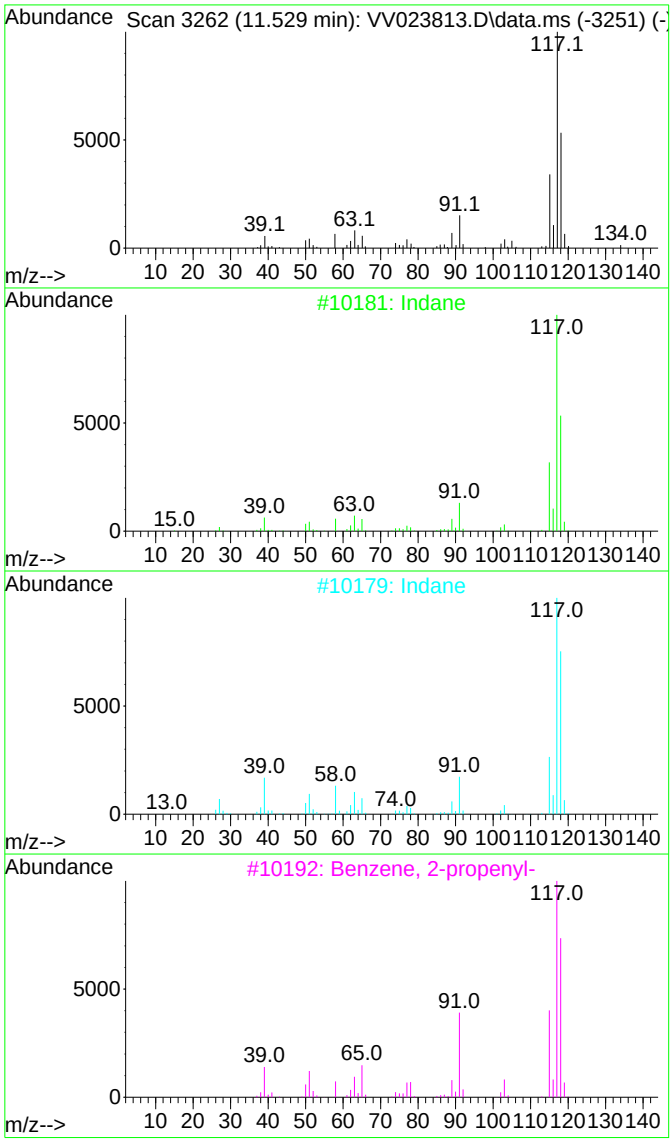
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

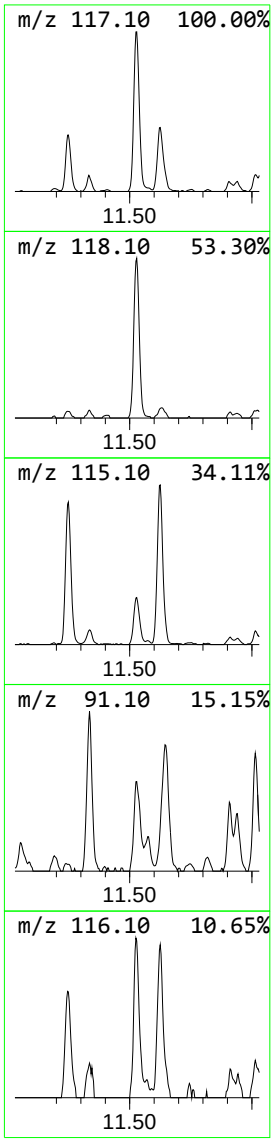
****

Peak Number 16 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.529	1.70 ug/L	136881	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	91
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

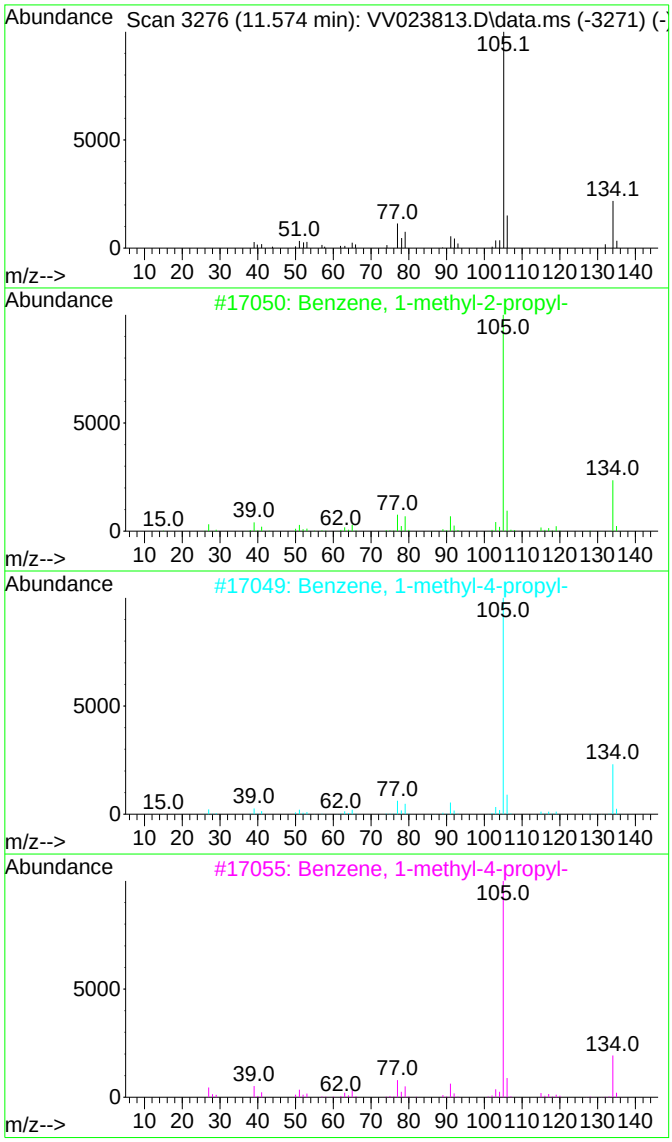
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

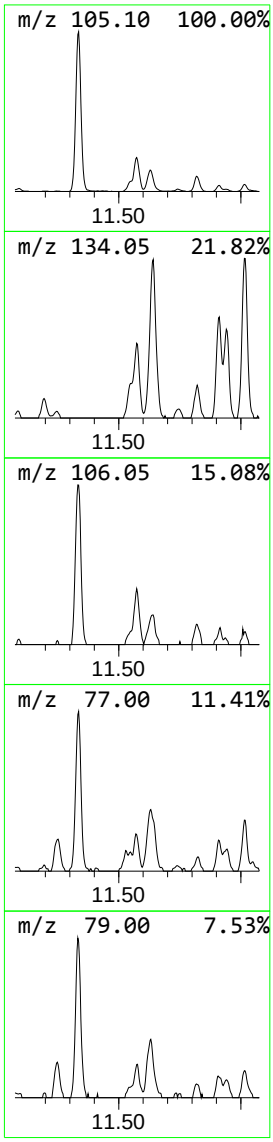
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-methyl-2-propyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.574	0.59 ug/L	48003	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	90
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	80
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	78





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Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

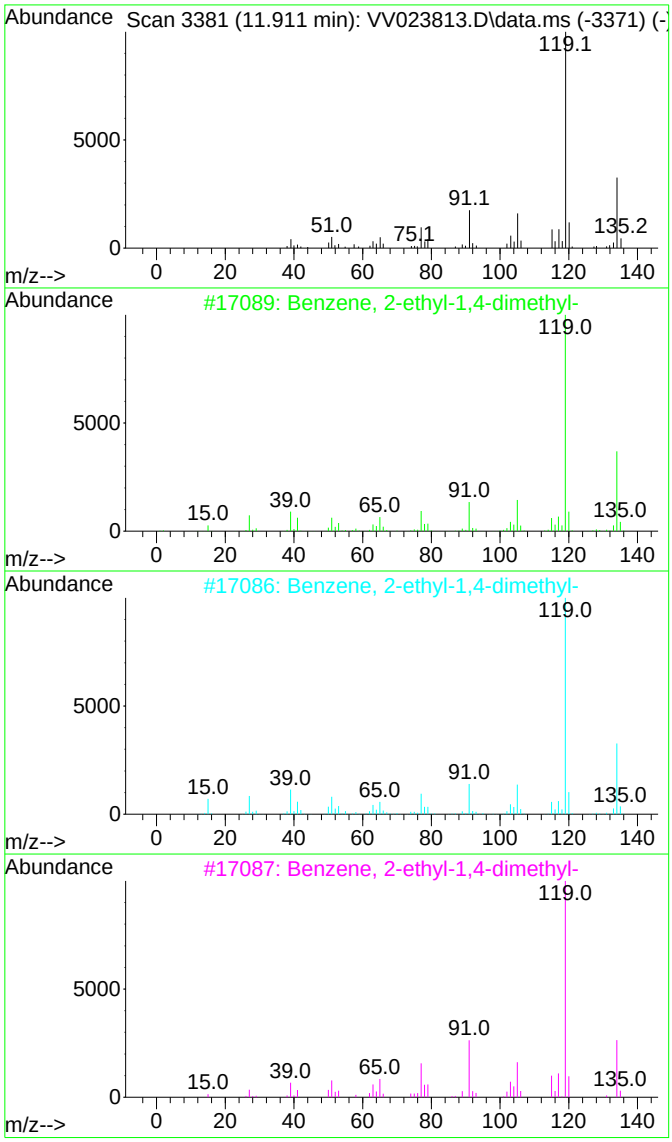
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

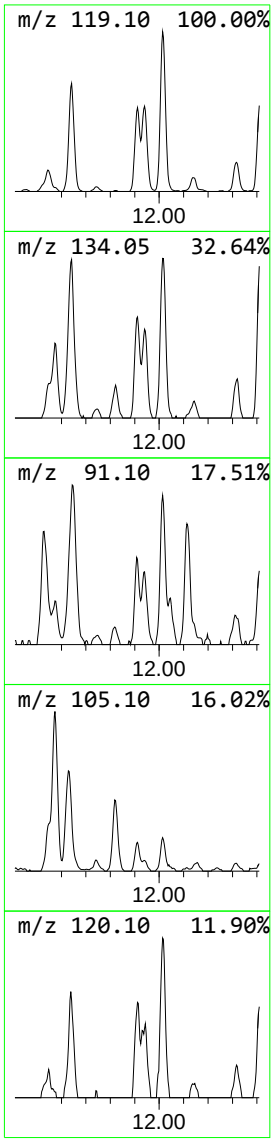
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.911	0.76 ug/L	61475	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, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95





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Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

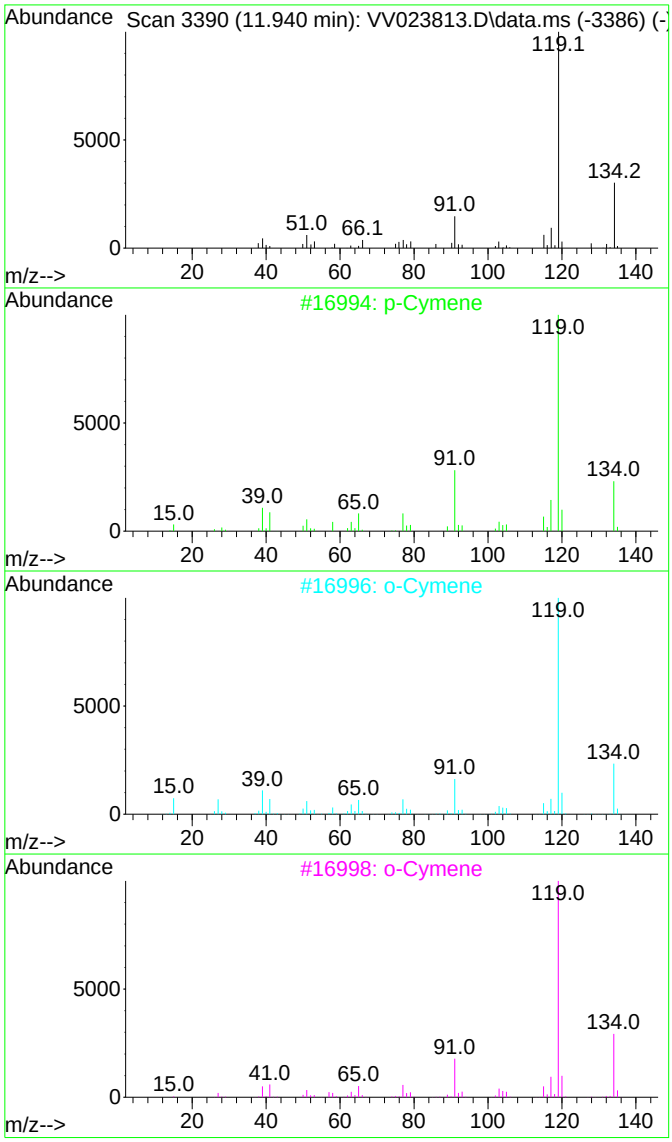
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

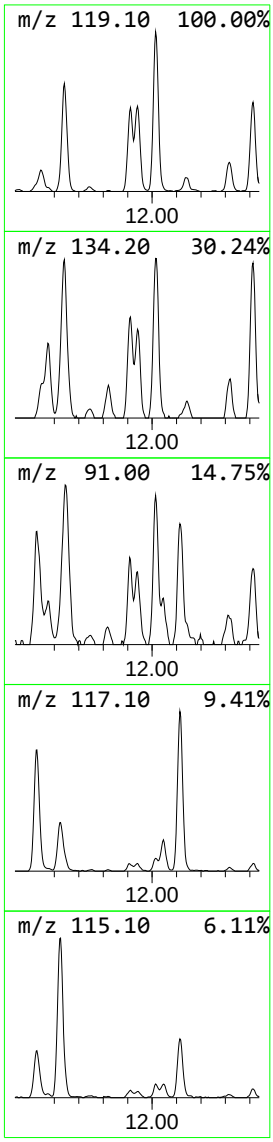
****

Peak Number 19 p-Cymene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.940	0.63 ug/L	50916	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	87
2	o-Cymene	134	C10H14	000527-84-4	86
3	o-Cymene	134	C10H14	000527-84-4	86
4	p-Cymene	134	C10H14	000099-87-6	86
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	86





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Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

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

****
Peak Number 20 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.014	1.41 ug/L	114050	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	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
4	o-Cymene	134	C10H14	000527-84-4	95
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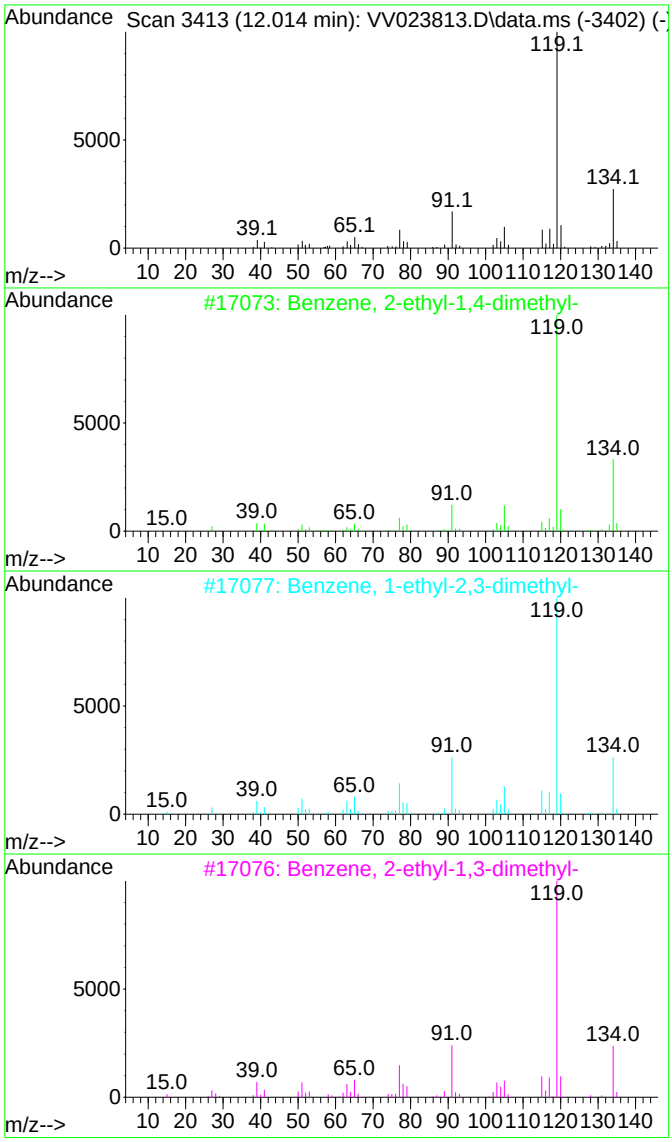

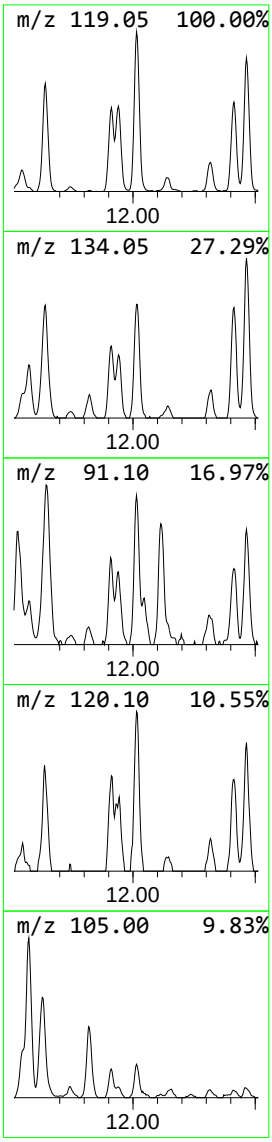

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Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

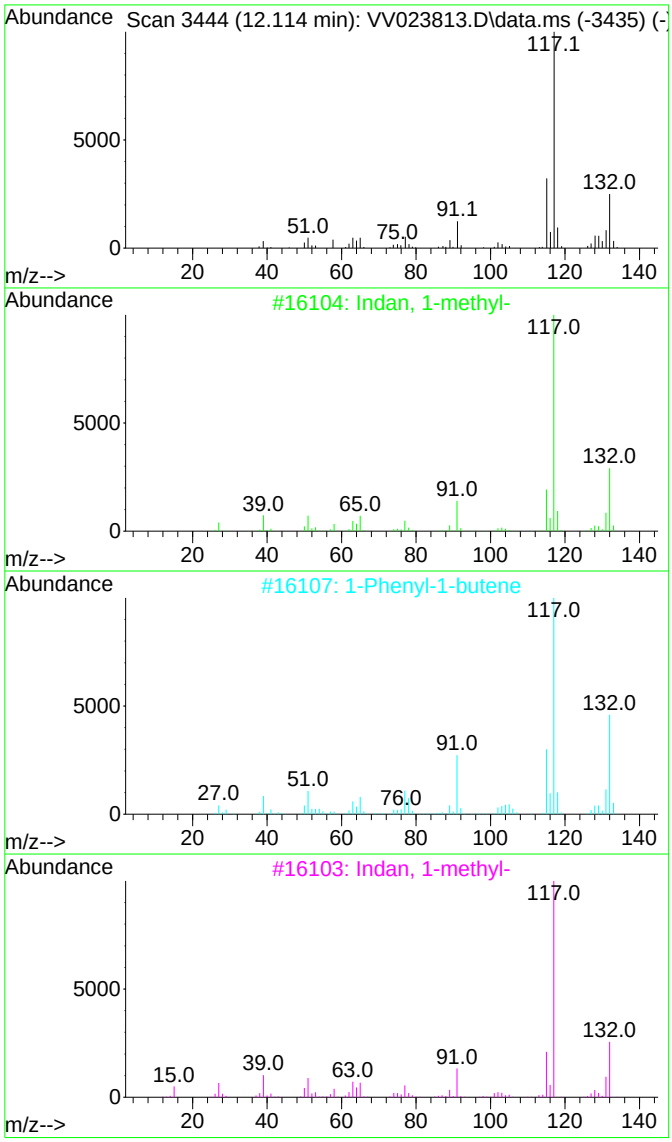
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

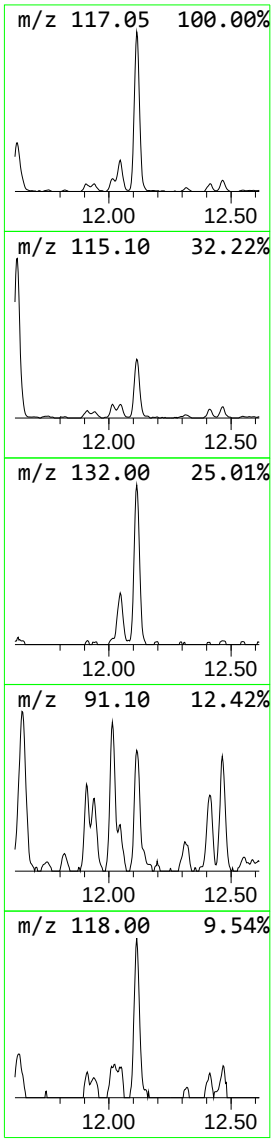
****

Peak Number 21 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.114	1.79 ug/L	144840	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	90
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	86
3	Indan, 1-methyl-	132	C10H12	000767-58-8	81
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	80
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

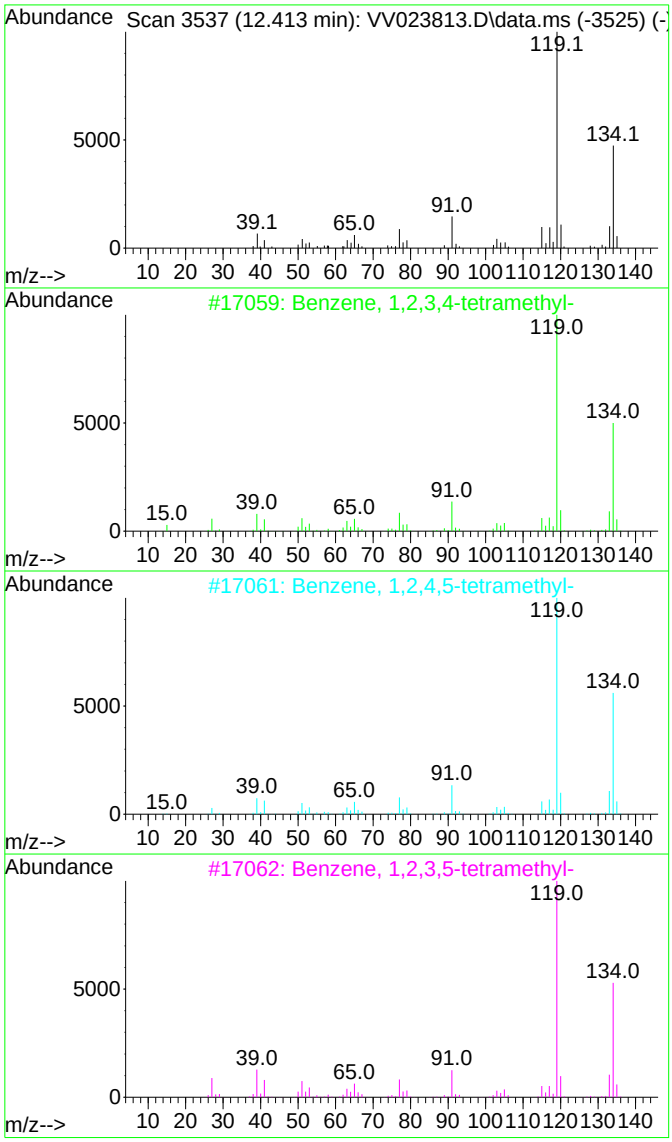
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

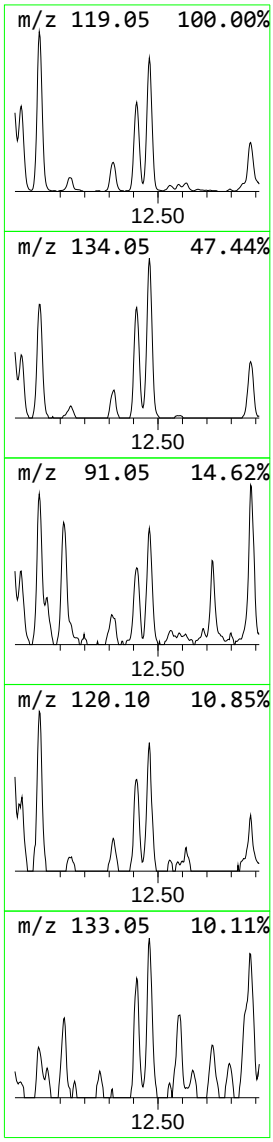
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.413	0.85 ug/L	68879	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, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

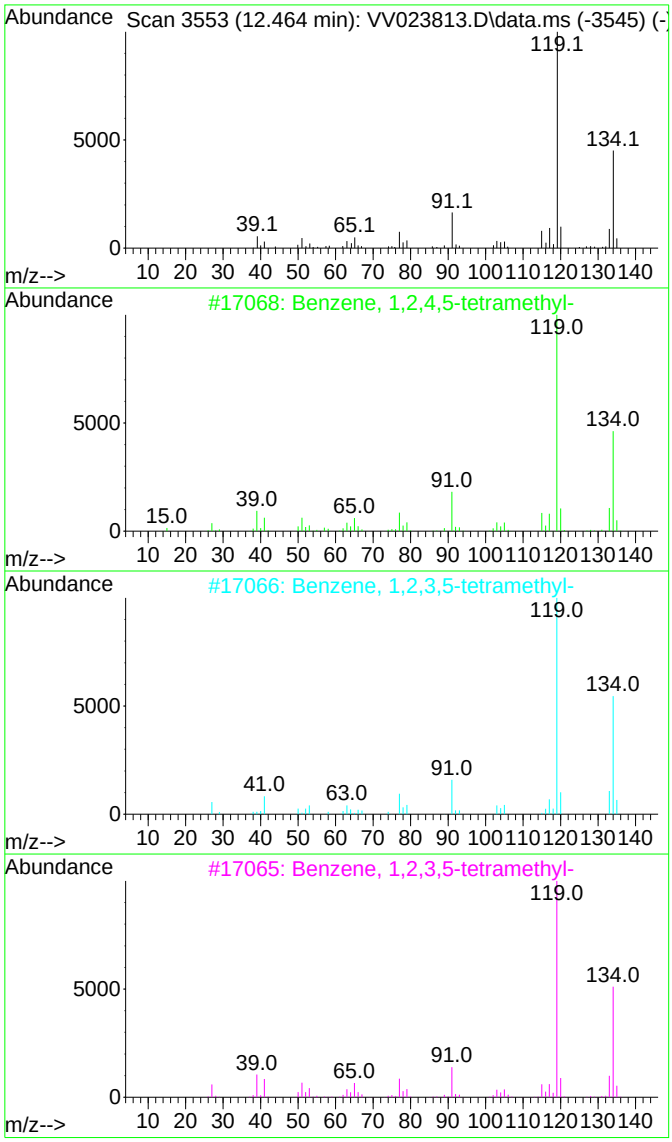
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

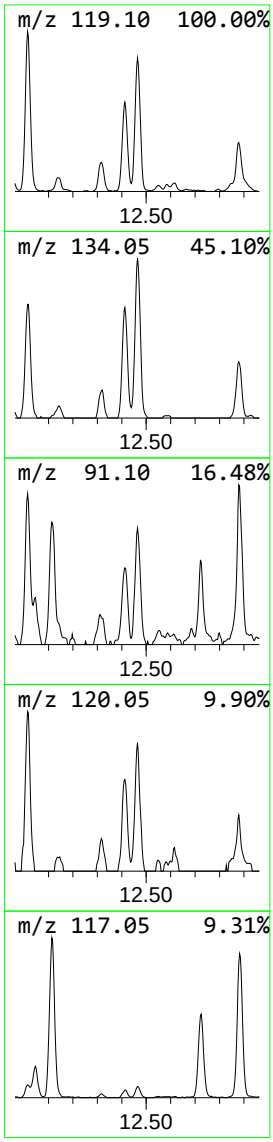
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.464	1.22 ug/L	98126	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	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

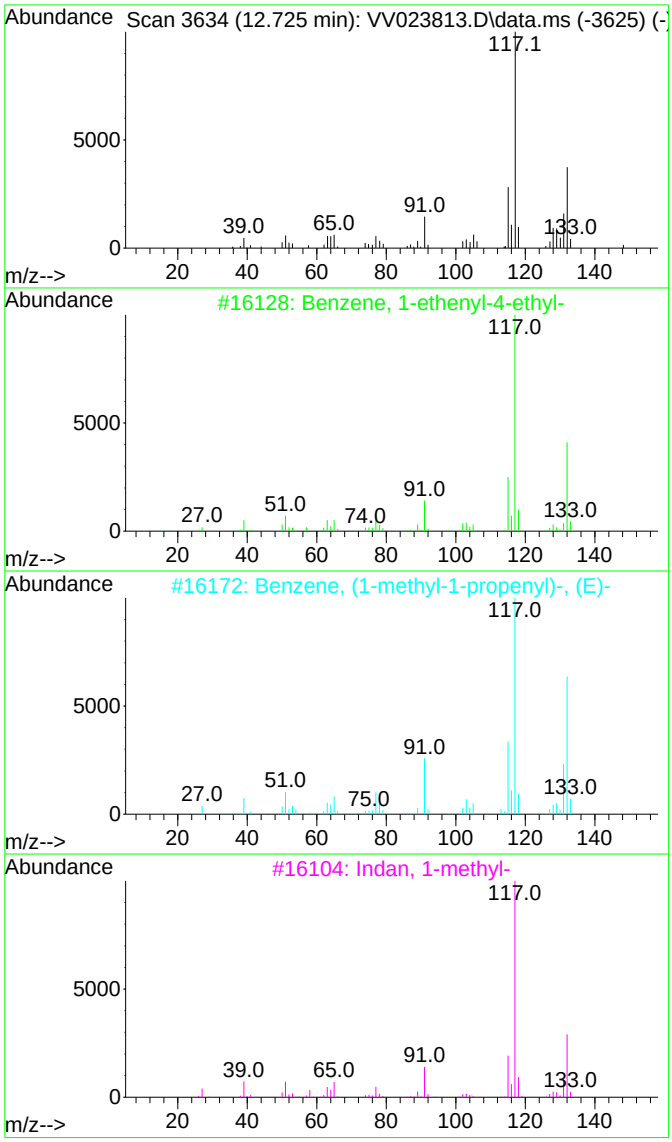
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

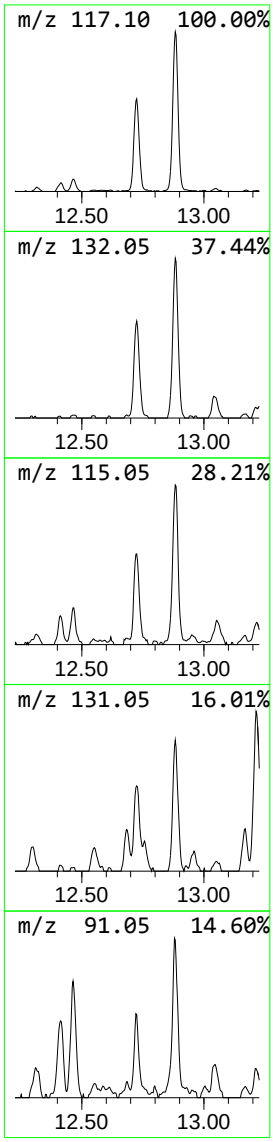
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.725	1.12 ug/L	90158	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	93
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

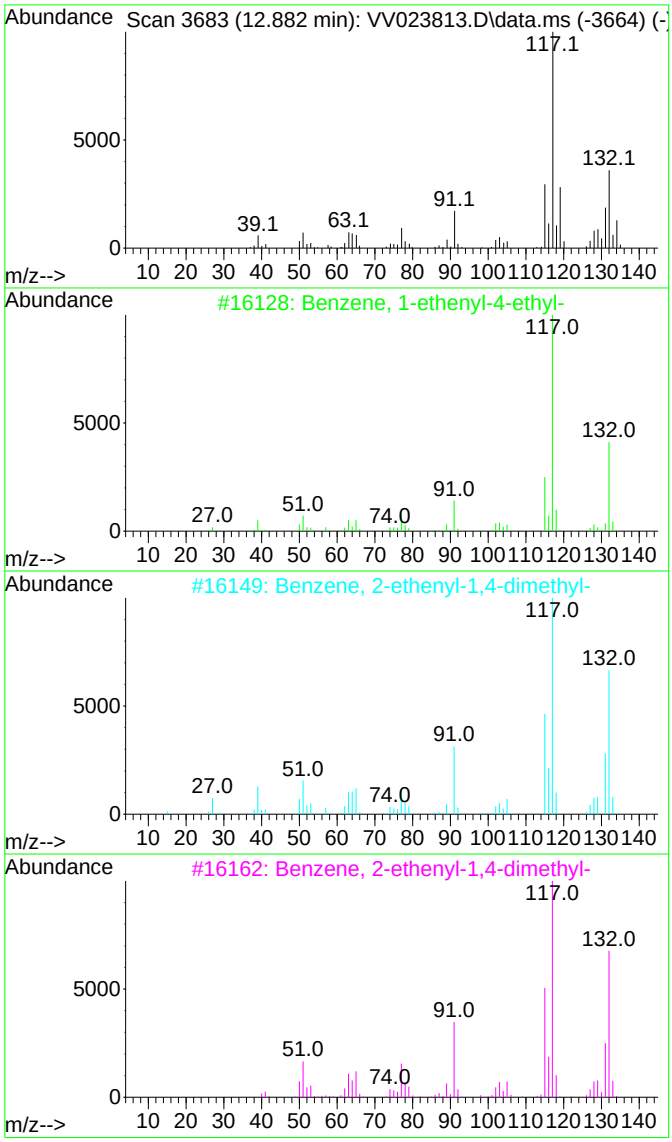
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

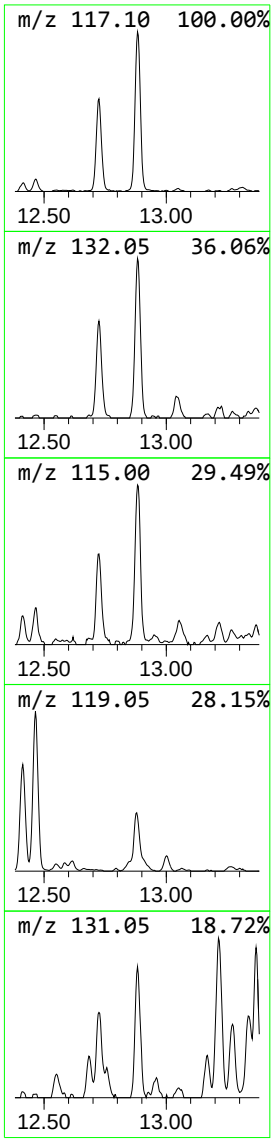
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.882	2.30 ug/L	185852	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	81
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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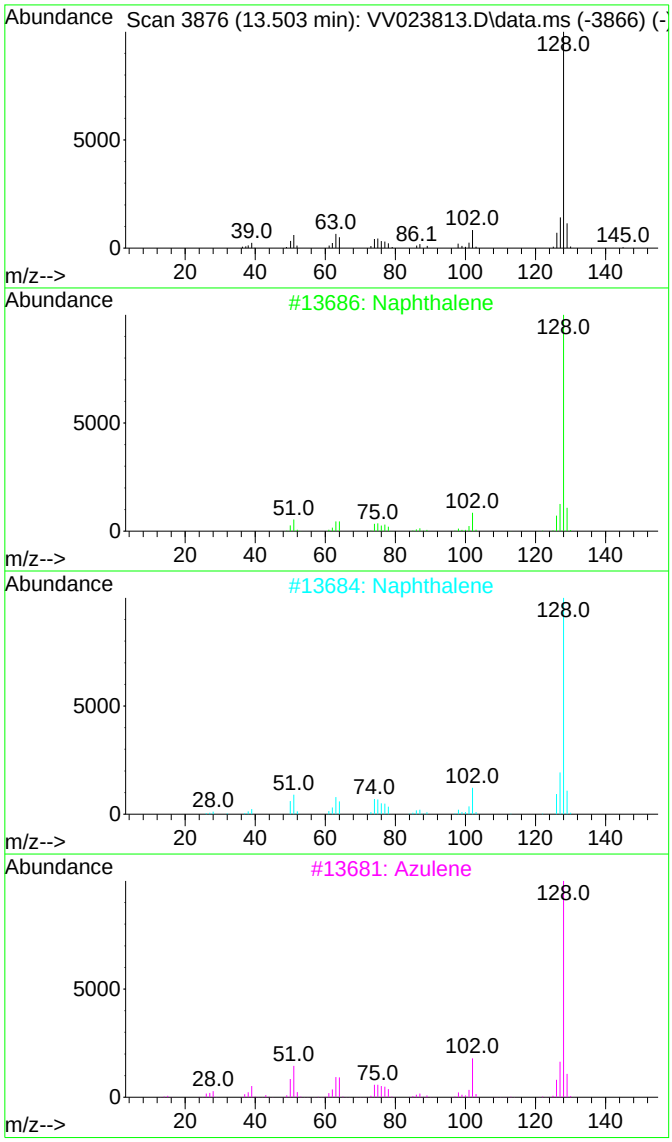
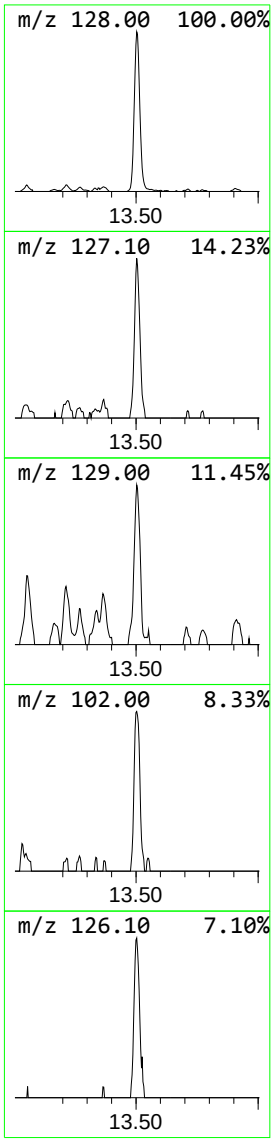
Peak Number 26 Azulene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.503	0.86 ug/L	69740	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	94
3	Azulene	128	C10H8	000275-51-4	91
4	Naphthalene	128	C10H8	000091-20-3	90
5	Naphthalene	128	C10H8	000091-20-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0G35

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.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: S...	1.632	2.0	ug/L	133948	1	5.616	326155	5.0
(DEL) Alkane: S...	1.806	2.6	ug/L	166800	1	5.616	326155	5.0
(DEL) Alkane: S...	2.529	3.0	ug/L	194418	1	5.616	326155	5.0
Cyclopropanecar...	2.577	0.6	ug/L	41649	1	5.616	326155	5.0
(DEL) Alkane: S...	2.950	0.8	ug/L	52255	1	5.616	326155	5.0
2-Ethyl-oxetane	3.040	2.0	ug/L	127933	1	5.616	326155	5.0
(DEL) Alkane: C...	3.760	4.3	ug/L	278246	1	5.616	326155	5.0
(DEL) Alkane: S...	4.912	0.6	ug/L	37505	1	5.616	326155	5.0
(DEL) Alkane: S...	5.313	0.7	ug/L	46408	1	5.616	326155	5.0
Cyclohexene, 4-...	6.571	0.5	ug/L	33805	1	5.616	326155	5.0
Benzene, propyl-	10.355	1.1	ug/L	91840	3	11.249	403719	5.0
Benzene, 1-ethy...	10.448	7.8	ug/L	627734	3	11.249	403719	5.0
Benzene, 1-ethy...	10.738	3.2	ug/L	255336	3	11.249	403719	5.0
Indane	11.529	1.7	ug/L	136881	3	11.249	403719	5.0
Benzene, 1-meth...	11.574	0.6	ug/L	48003	3	11.249	403719	5.0
Benzene, 2-ethy...	11.911	0.8	ug/L	61475	3	11.249	403719	5.0
p-Cymene	11.940	0.6	ug/L	50916	3	11.249	403719	5.0
Benzene, 1-ethy...	12.014	1.4	ug/L	114050	3	11.249	403719	5.0
Indan, 1-methyl-	12.114	1.8	ug/L	144840	3	11.249	403719	5.0
Benzene, 1,2,3,...	12.413	0.8	ug/L	68879	3	11.249	403719	5.0
Benzene, 1,2,4,...	12.464	1.2	ug/L	98126	3	11.249	403719	5.0
Benzene, 1-ethe...	12.725	1.1	ug/L	90158	3	11.249	403719	5.0
Benzene, 2-ethe...	12.882	2.3	ug/L	185852	3	11.249	403719	5.0
Azulene	13.503	0.9	ug/L	69740	3	11.249	403719	5.0