

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
 Data File : VV023552.D
 Acq On : 16 Nov 2021 22:46
 Operator : SY/MD
 Sample : M4627-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4637

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\SFAMVTR110421WMA.M
 Title : TRACE VOA SFAM1.0

Signal : TIC: VV023552.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.108	16	21	37	rVB	76401	79696	6.06%	1.177%
2	1.310	72	84	96	rBV	996606	1113951	84.76%	16.449%
3	1.416	111	117	126	rVB	21754	23484	1.79%	0.347%
4	1.568	149	164	176	rBV2	43377	60247	4.58%	0.890%
5	1.818	234	242	249	rVB4	8798	13441	1.02%	0.198%
6	2.111	320	333	349	rBV2	108726	183572	13.97%	2.711%
7	2.477	432	447	460	rBV2	9756	22349	1.70%	0.330%
8	2.760	523	535	567	rBV	309974	545672	41.52%	8.058%
9	3.191	657	669	684	rBV2	8648	19607	1.49%	0.290%
10	3.912	877	893	925	rBV	531078	1314195	100.00%	19.406%
11	5.050	1231	1247	1262	rBV3	128282	334319	25.44%	4.937%
12	5.233	1293	1304	1319	rVB5	8026	21616	1.64%	0.319%
13	5.619	1411	1424	1461	rBV	136750	297789	22.66%	4.397%
14	5.915	1504	1516	1538	rBV	124162	265873	20.23%	3.926%
15	6.072	1546	1565	1596	rVB	76806	180404	13.73%	2.664%
16	6.657	1735	1747	1763	rVB6	7760	19141	1.46%	0.283%
17	6.776	1771	1784	1801	rBV6	12958	30638	2.33%	0.452%
18	6.989	1837	1850	1874	rVB	38677	77617	5.91%	1.146%
19	7.317	1938	1952	1969	rBV	151918	272257	20.72%	4.020%
20	7.397	1969	1977	1986	rVV	15527	26714	2.03%	0.394%
21	7.628	2041	2049	2053	rBV2	18685	27081	2.06%	0.400%
22	7.844	2107	2116	2127	rBV	21570	38637	2.94%	0.571%
23	8.095	2182	2194	2205	rBV3	104012	226164	17.21%	3.340%
24	8.214	2228	2231	2252	rVB3	8458	22173	1.69%	0.327%
25	8.513	2314	2324	2340	rVB6	13479	25015	1.90%	0.369%
26	8.853	2419	2430	2450	rBV	212081	357966	27.24%	5.286%
27	9.107	2498	2509	2513	rBV8	9738	16847	1.28%	0.249%
28	9.480	2606	2625	2640	rBV9	7448	25261	1.92%	0.373%
29	10.217	2843	2854	2870	rVB	53872	94833	7.22%	1.400%
30	11.249	3165	3175	3193	rBV	210827	327053	24.89%	4.829%
31	11.625	3280	3292	3313	rBV	162240	261822	19.92%	3.866%
32	13.612	3900	3910	3922	rVB2	39133	61061	4.65%	0.902%
33	13.705	3925	3939	3954	rBV2	36337	62608	4.76%	0.924%
34	14.110	4052	4065	4082	rBV3	11675	23787	1.81%	0.351%
35	14.223	4089	4100	4110	rBV4	16286	27165	2.07%	0.401%
36	14.297	4113	4123	4134	rVB7	18093	34851	2.65%	0.515%

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37	14.615	4211	4222	4235	rBV	25396	47063	3.58%	0.695%
38	14.686	4235	4244	4259	rVB4	37197	73823	5.62%	1.090%
39	14.763	4259	4268	4279	rBV5	11187	20422	1.55%	0.302%
40	14.914	4310	4315	4324	rVB5	11526	16882	1.28%	0.249%
41	15.008	4329	4344	4351	rBV5	6851	13703	1.04%	0.202%
42	15.155	4379	4390	4404	rBV6	10269	22491	1.71%	0.332%
43	15.313	4425	4439	4446	rBV7	8947	19335	1.47%	0.286%
44	15.422	4463	4473	4489	rVB10	11755	23547	1.79%	0.348%

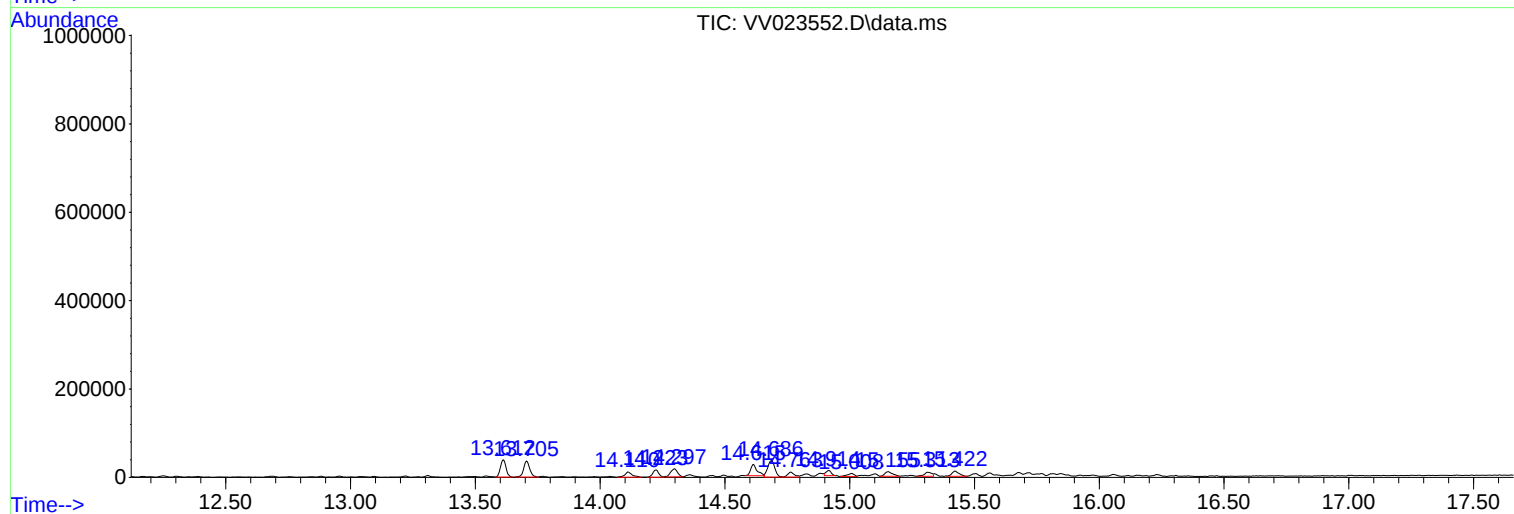
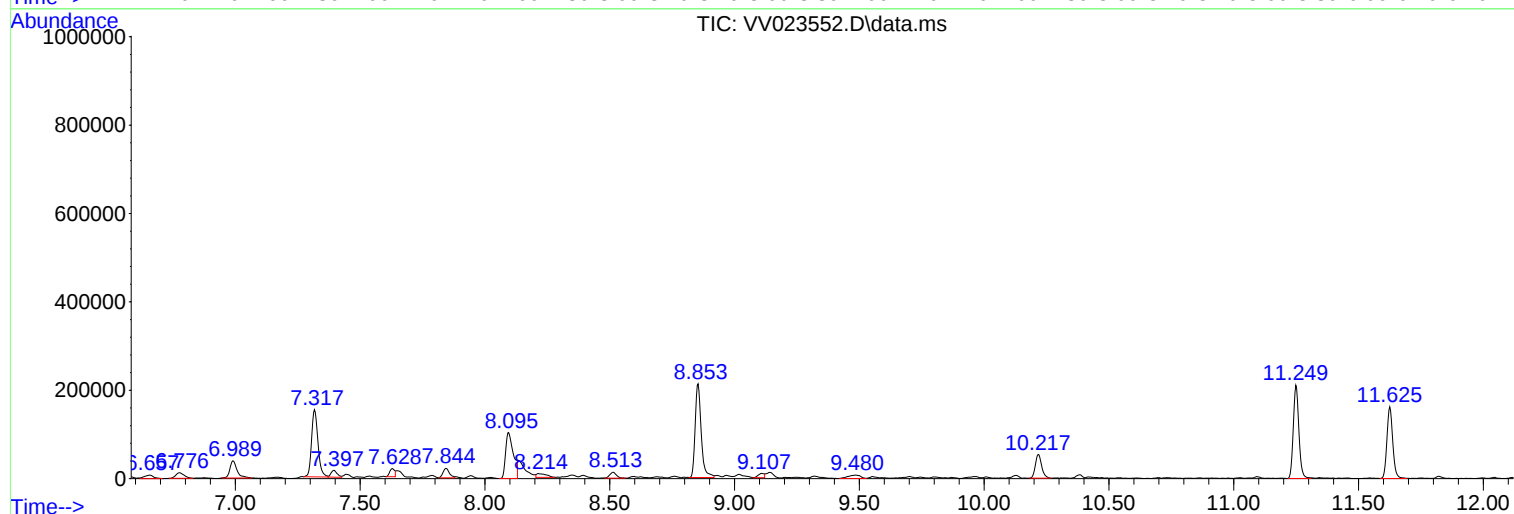
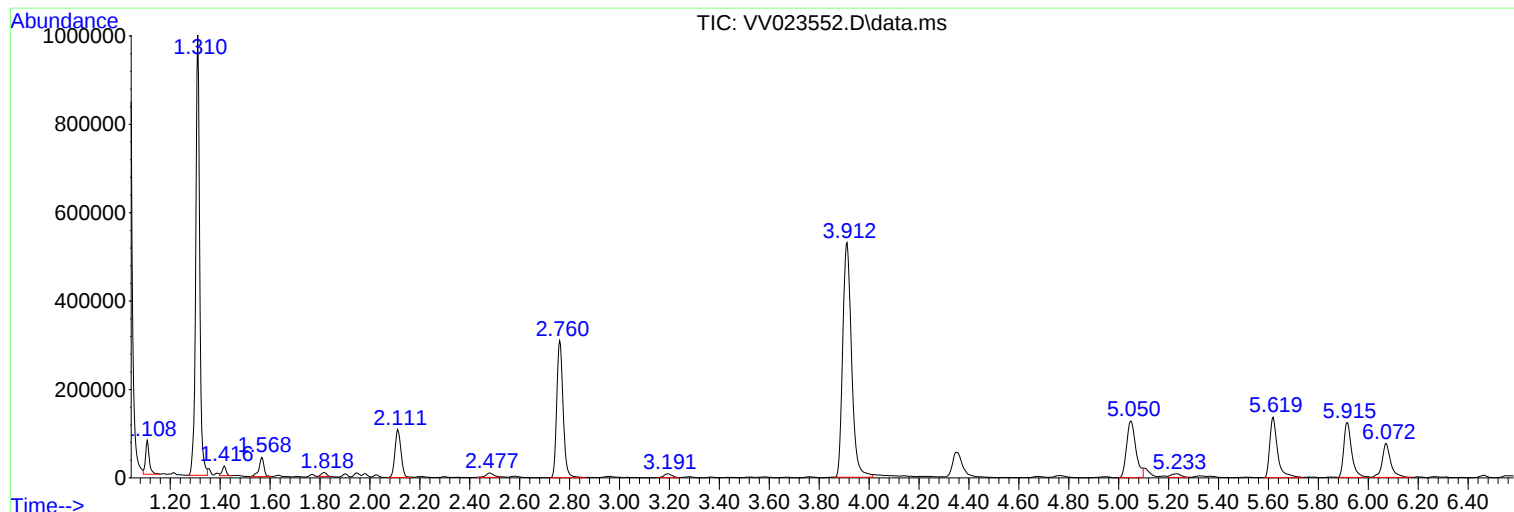
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TIC Library : C:\Database\NIST20.L
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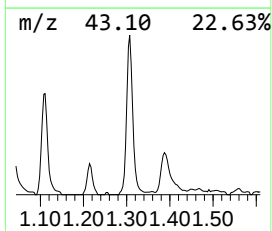
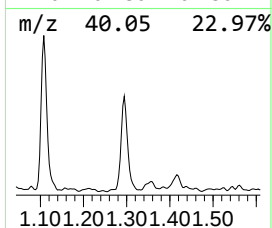
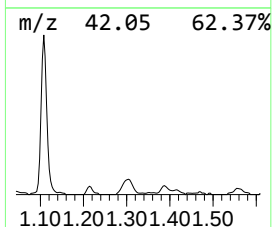
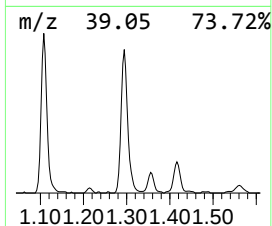
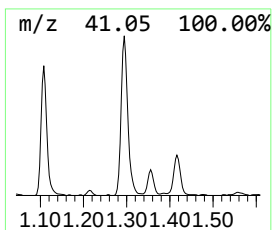
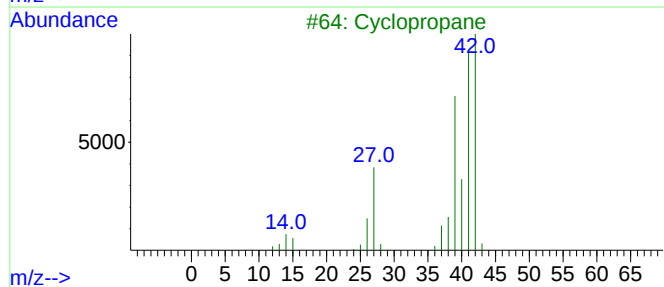
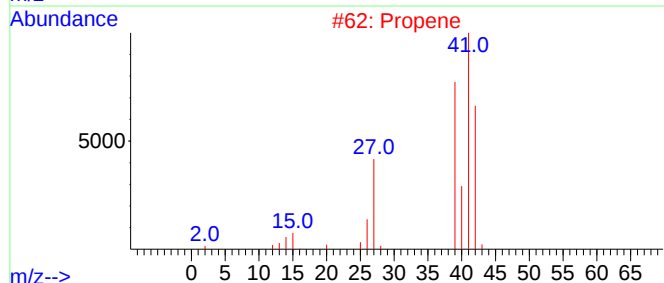
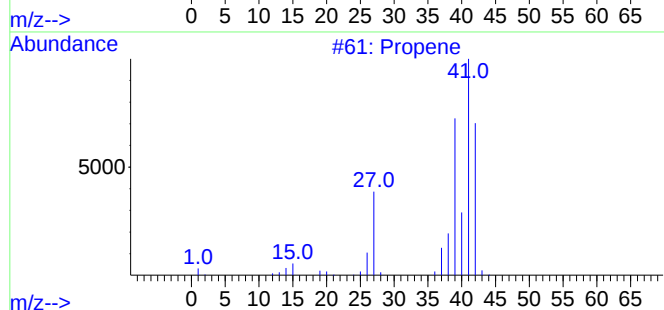
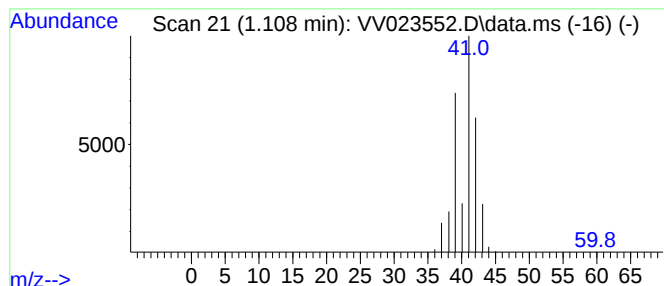
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Quant Title : TRACE VOA SFAM1.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.108	1.34 ug/L	79696	1,4-Difluorobenzene	5.619

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propene	42	C3H6	000115-07-1	90
2			Propene	42	C3H6	000115-07-1	45
3			Cyclopropane	42	C3H6	000075-19-4	9
4			Cyclopropane	42	C3H6	000075-19-4	7
5			Cyclopropene	40	C3H4	002781-85-3	5



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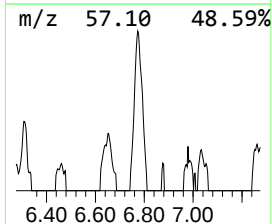
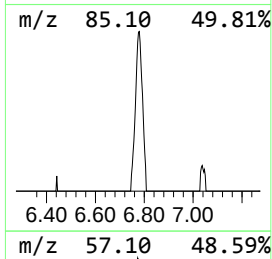
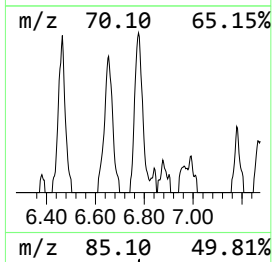
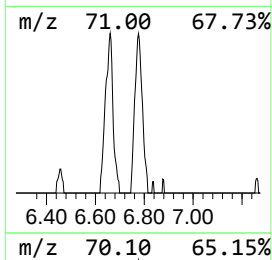
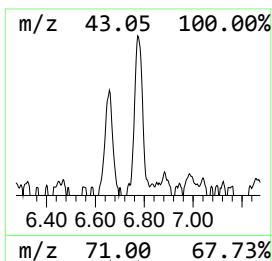
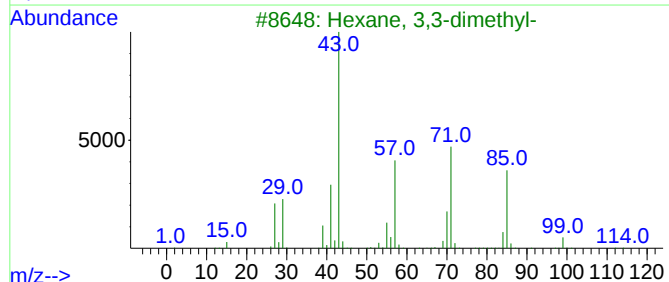
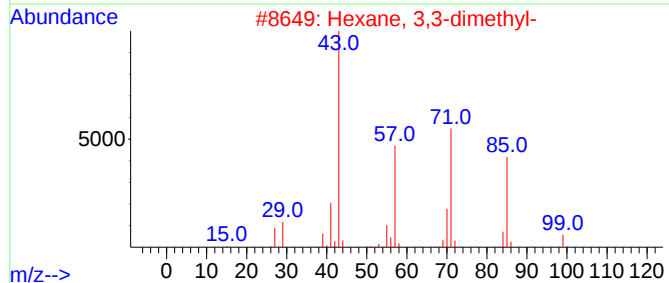
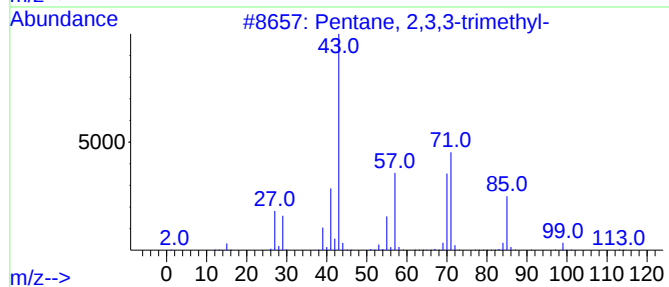
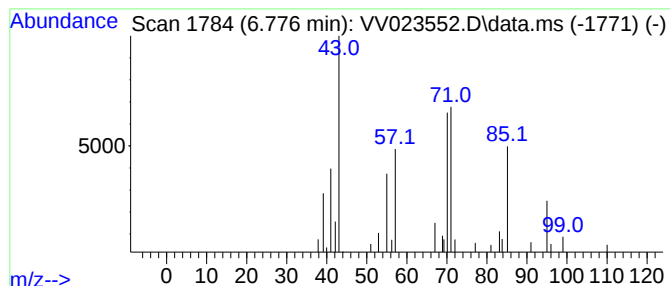
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.776	0.51 ug/L	30638	1,4-Difluorobenzene	5.619

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
2		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
3		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	47
4		Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	45
5		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	43



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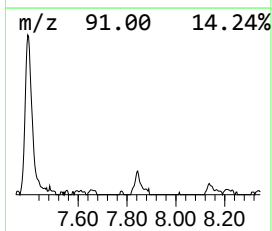
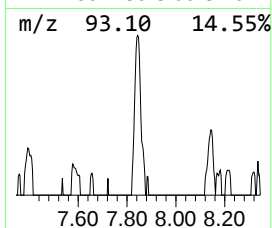
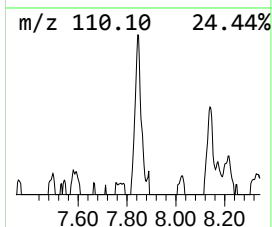
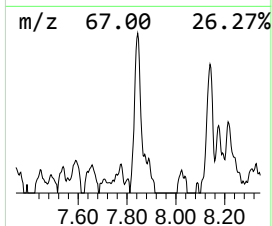
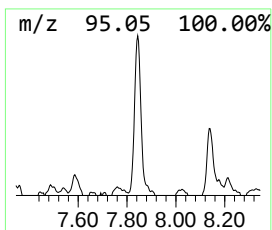
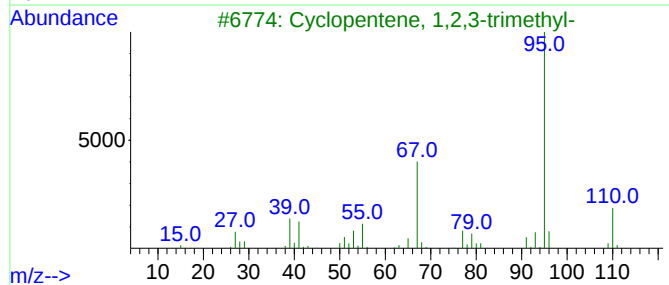
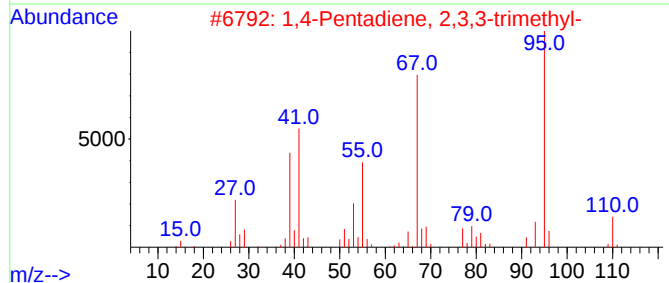
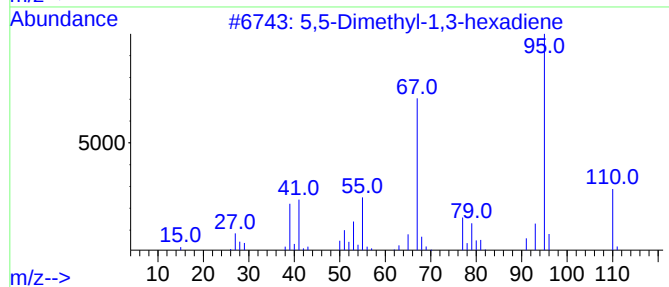
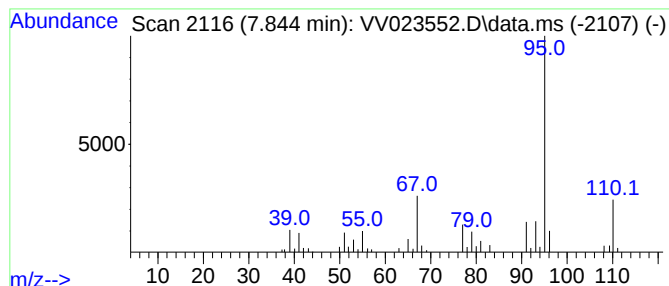
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TIC Library : C:\Database\NIST20.L
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Peak Number 4 5,5-Dimethyl-1,3-hexadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.844	0.54 ug/L	38637	Chlorobenzene-d5	8.853

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	87
2			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	83
3			Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	83
4			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	72
5			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	72



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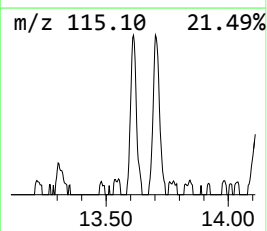
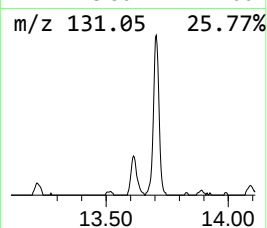
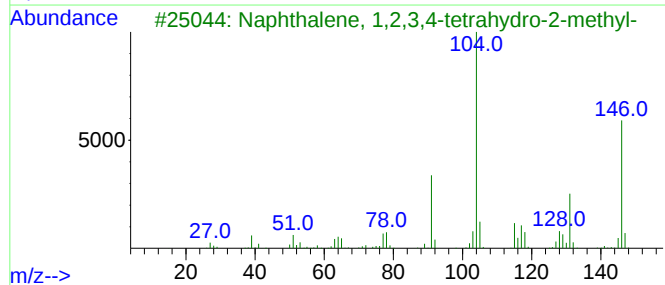
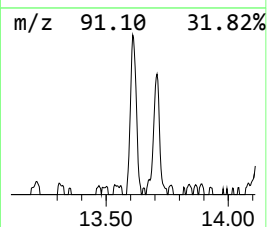
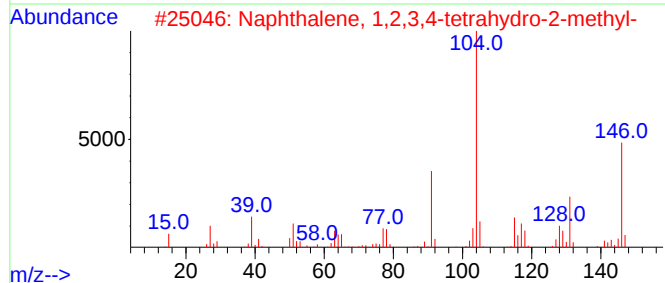
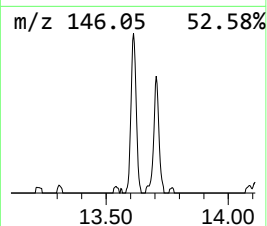
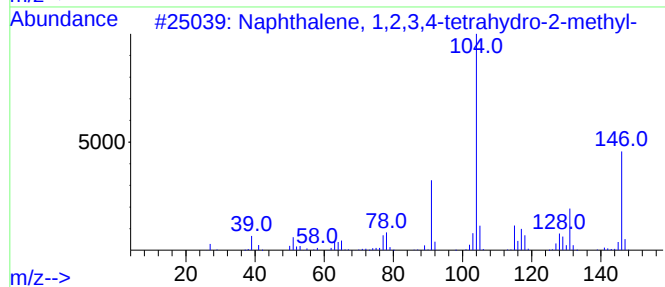
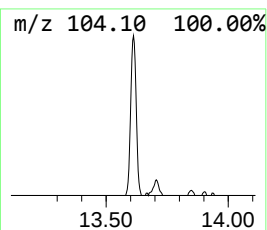
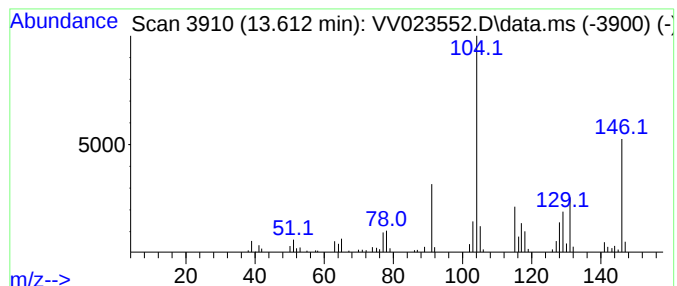
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TIC Library : C:\Database\NIST20.L
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Peak Number 5 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.612	0.93 ug/L	61061	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
3			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	81
4			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	74
5			2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58



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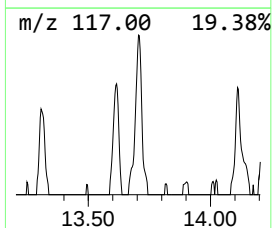
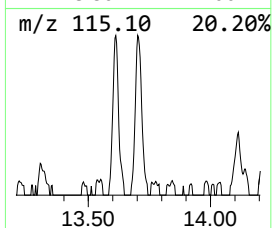
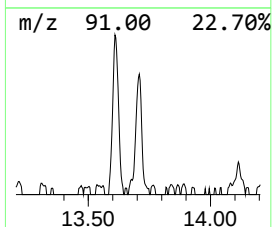
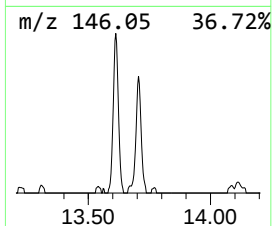
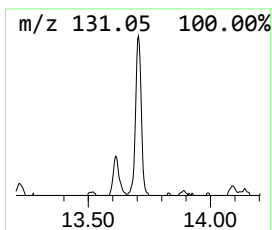
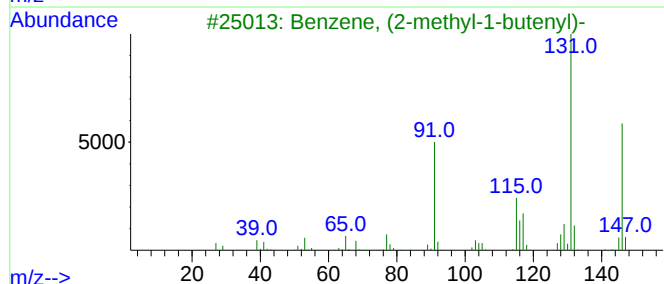
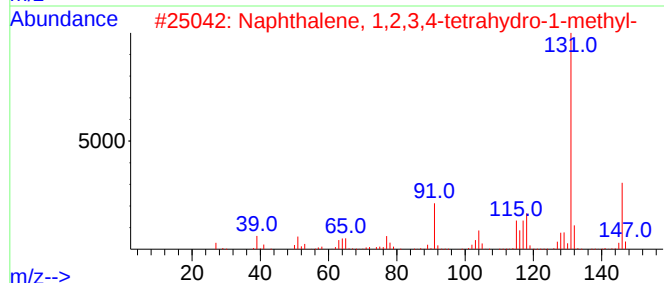
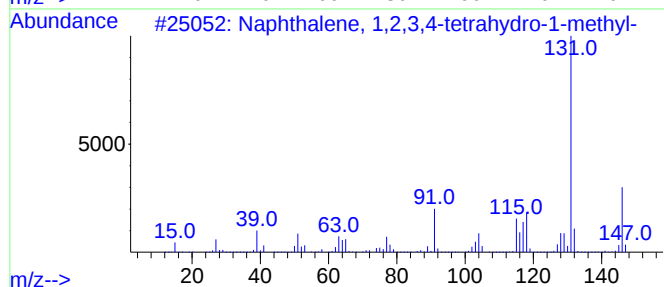
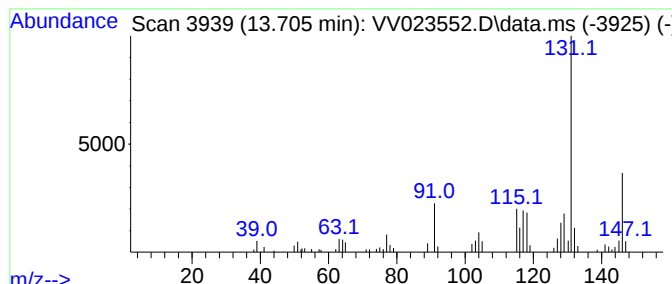
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.705	0.96 ug/L	62608	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	97
2			Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	95
3			Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	93
4			Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	93
5			Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023552.D
Acq On : 16 Nov 2021 22:46
Operator : SY/MD
Sample : M4627-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4637

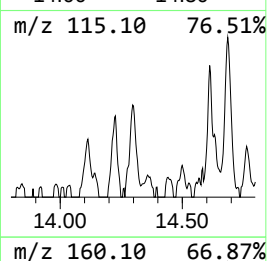
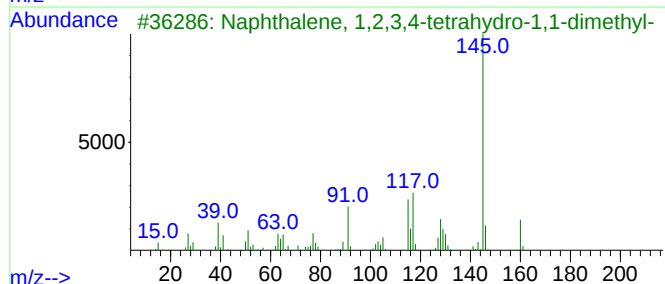
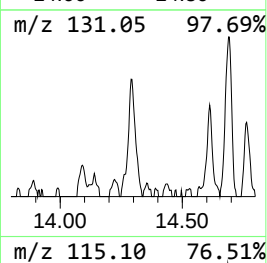
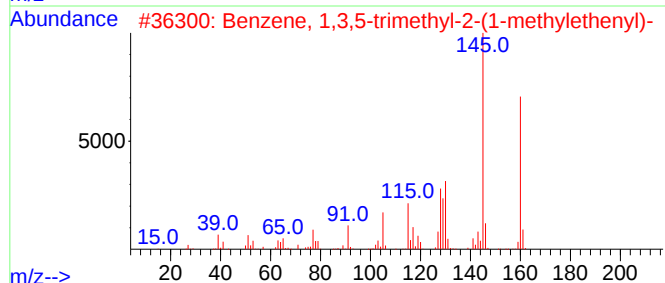
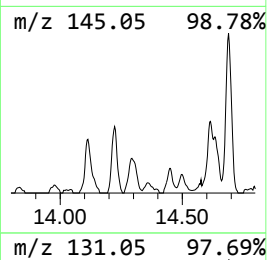
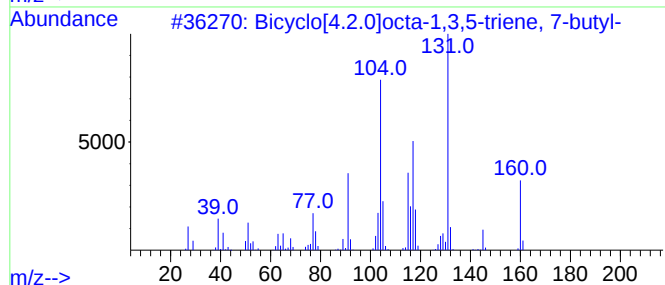
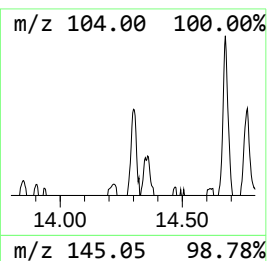
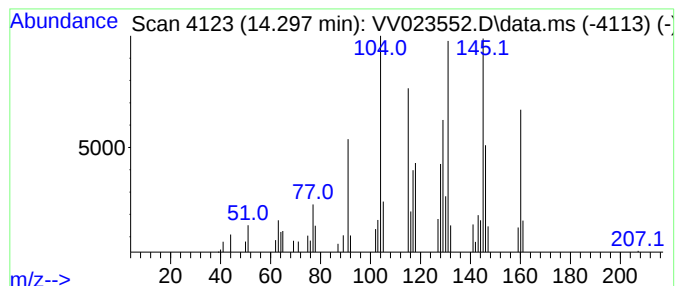
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.297	0.53 ug/L	34851	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	50
2			Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	43
3			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001985-59-7	38
4			Dec-5-ene-3,7-diyne, 2,9-dimethyl-	160	C12H16	1010211-23-3	38
5			Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	30



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023552.D
Acq On : 16 Nov 2021 22:46
Operator : SY/MD
Sample : M4627-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4637

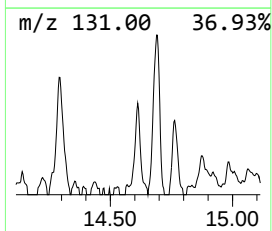
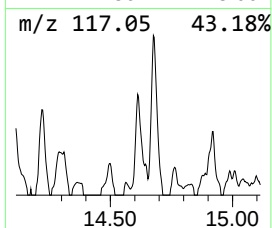
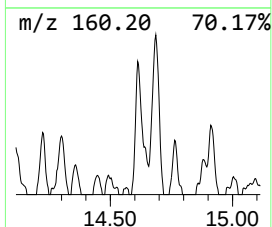
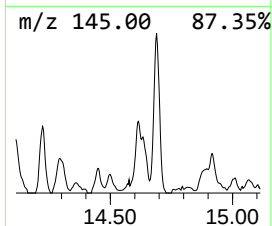
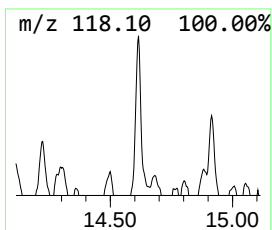
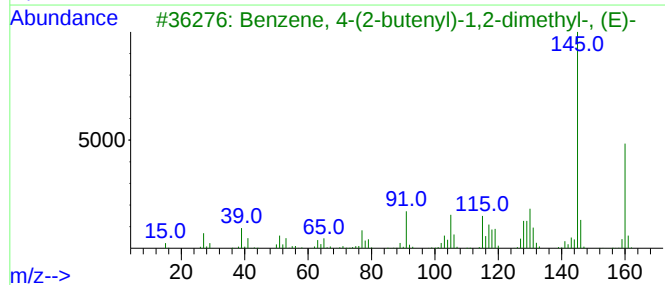
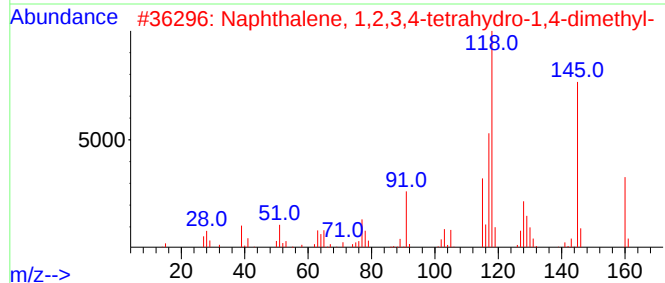
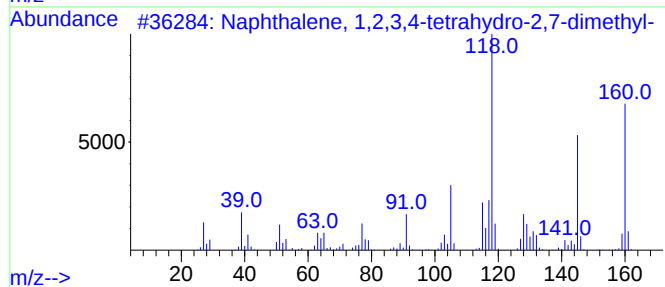
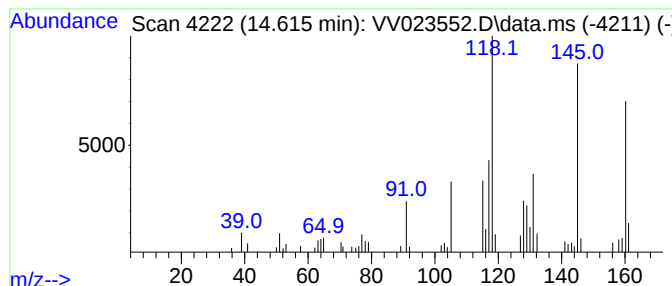
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.615	0.72 ug/L	47063	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81
2			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	72
3			Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	70
4			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	62
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023552.D
Acq On : 16 Nov 2021 22:46
Operator : SY/MD
Sample : M4627-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4637

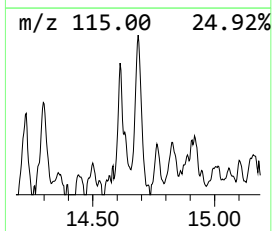
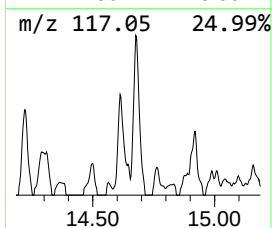
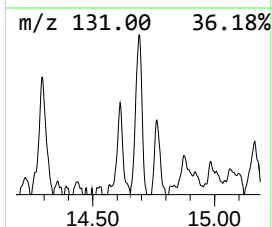
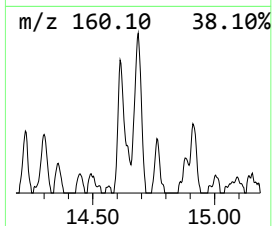
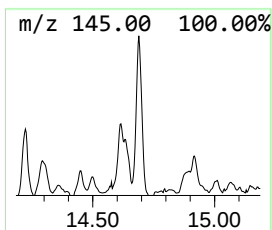
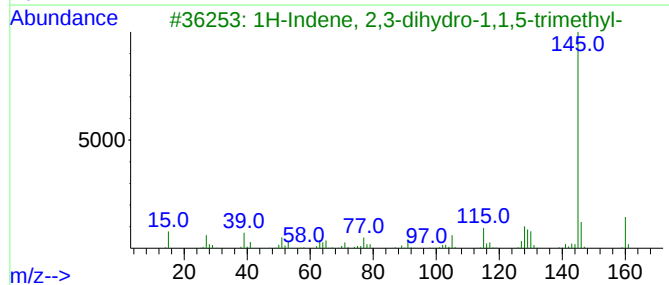
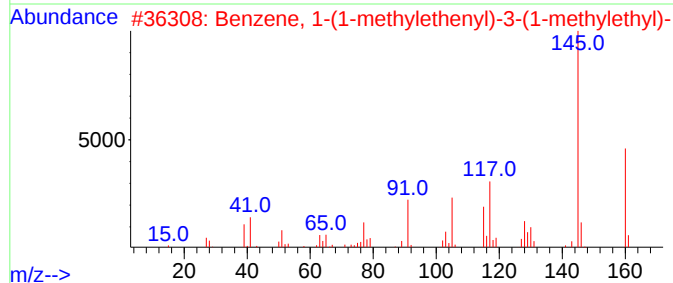
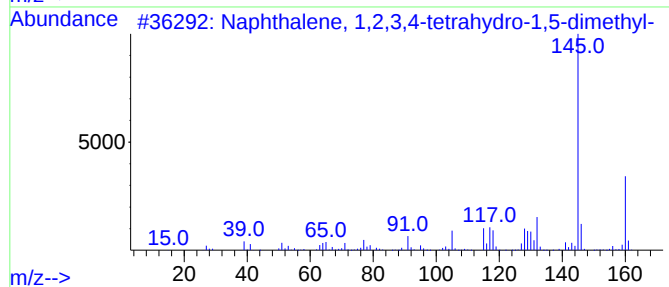
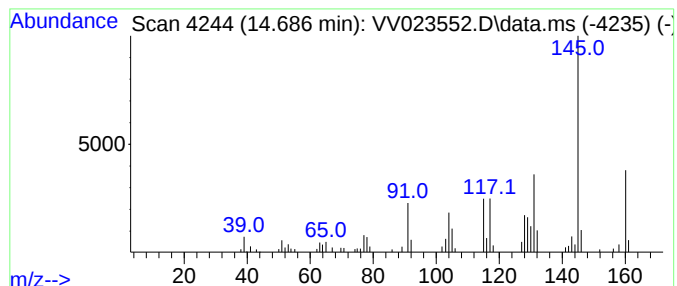
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.686	1.13 ug/L	73823	1,4-Dichlorobenzene-d4	11.249

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	87
2			Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	81
3			1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	81
4			1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	81
5			Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111621\
Data File : VV023552.D
Acq On : 16 Nov 2021 22:46
Operator : SY/MD
Sample : M4627-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H4637

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: S...	1.108	1.3	ug/L	79696	1	5.619	297789	5.0
(DEL) Alkane: S...	6.776	0.5	ug/L	30638	1	5.619	297789	5.0
5,5-Dimethyl-1,...	7.844	0.5	ug/L	38637	2	8.853	357966	5.0
Naphthalene, 1,...	13.612	0.9	ug/L	61061	3	11.249	327053	5.0
Naphthalene, 1,...	13.705	1.0	ug/L	62608	3	11.249	327053	5.0
Bicyclo[4.2.0]o...	14.297	0.5	ug/L	34851	3	11.249	327053	5.0
Naphthalene, 1,...	14.615	0.7	ug/L	47063	3	11.249	327053	5.0
Naphthalene, 1,...	14.686	1.1	ug/L	73823	3	11.249	327053	5.0