

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037461.D
 Acq On : 21 Sep 2024 03:44
 Operator : SY/MD
 Sample : P4130-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0HH9

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\SFAMVTR091024WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VV037461.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.076	306	322	334	rBV2	584425	1233709	4.08%	1.019%
2	2.433	416	433	463	rBV	5822060	10993241	36.38%	9.081%
3	3.568	766	786	817	rVV	5125136	13061154	43.22%	10.789%
4	3.789	831	855	894	rBV4	342361	1366110	4.52%	1.128%
5	4.246	981	997	1002	rBV	166229	375321	1.24%	0.310%
6	4.298	1007	1013	1045	rVB2	277179	688050	2.28%	0.568%
7	4.664	1106	1127	1169	rBV	5368095	13760142	45.54%	11.366%
8	4.950	1203	1216	1233	rBV2	369295	950628	3.15%	0.785%
9	5.137	1249	1274	1332	rVB	11673041	30218596	100.00%	24.961%
10	5.529	1386	1396	1425	rBV	333463	729563	2.41%	0.603%
11	5.986	1526	1538	1542	rBV	228926	408399	1.35%	0.337%
12	6.114	1565	1578	1588	rBV2	850167	1717970	5.69%	1.419%
13	6.172	1588	1596	1604	rVV2	622844	1261109	4.17%	1.042%
14	6.220	1604	1611	1626	rVB	605503	1248700	4.13%	1.031%
15	6.378	1645	1660	1675	rVB	536136	1193076	3.95%	0.985%
16	6.571	1703	1720	1741	rVB	6661464	13440991	44.48%	11.102%
17	6.693	1742	1758	1775	rBV	8795244	17755795	58.76%	14.667%
18	6.799	1777	1791	1805	rVB5	163500	436442	1.44%	0.361%
19	6.883	1805	1817	1823	rBV2	224585	457334	1.51%	0.378%
20	7.185	1897	1911	1922	rBV	750201	1688300	5.59%	1.395%
21	7.240	1922	1928	1946	rVB	419360	796205	2.63%	0.658%
22	7.767	2081	2092	2101	rBV	974835	1741535	5.76%	1.439%
23	8.024	2161	2172	2179	rBV	613994	1064607	3.52%	0.879%
24	8.317	2256	2263	2284	rVB3	182555	402800	1.33%	0.333%
25	8.439	2290	2301	2315	rBV4	272732	492860	1.63%	0.407%
26	8.780	2399	2407	2418	rBV	628427	993571	3.29%	0.821%
27	10.149	2822	2833	2848	rVB	235343	452645	1.50%	0.374%
28	11.181	3143	3154	3180	rVB	646232	1064915	3.52%	0.880%
29	11.558	3255	3271	3290	rBV3	567487	1069506	3.54%	0.883%

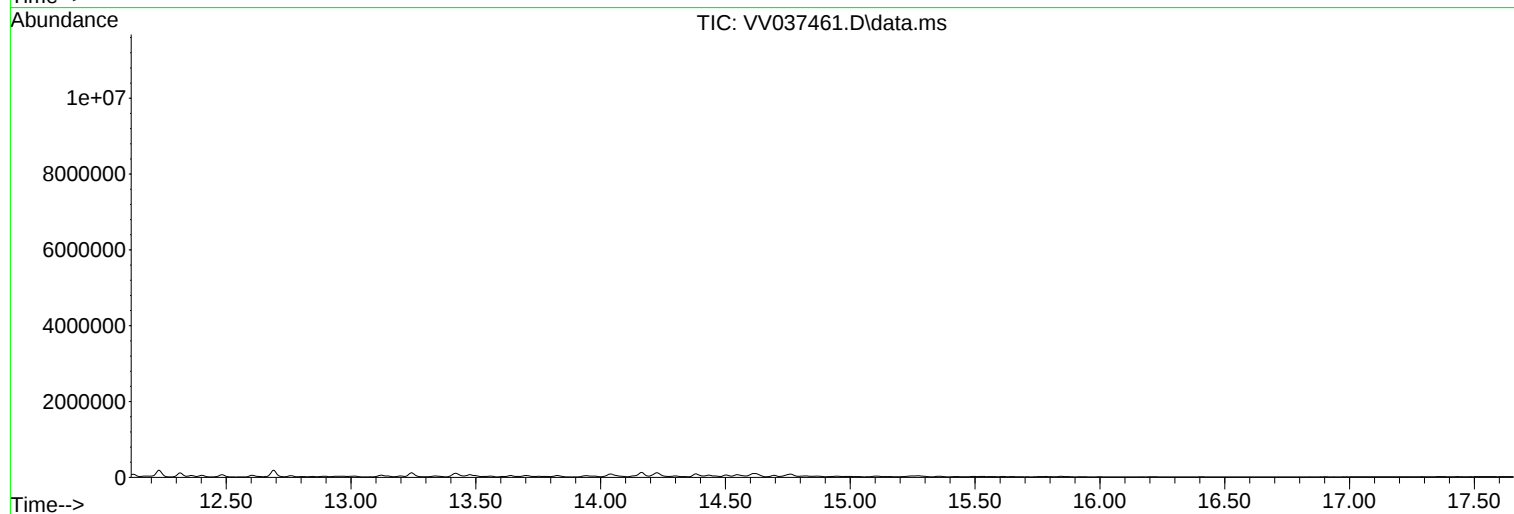
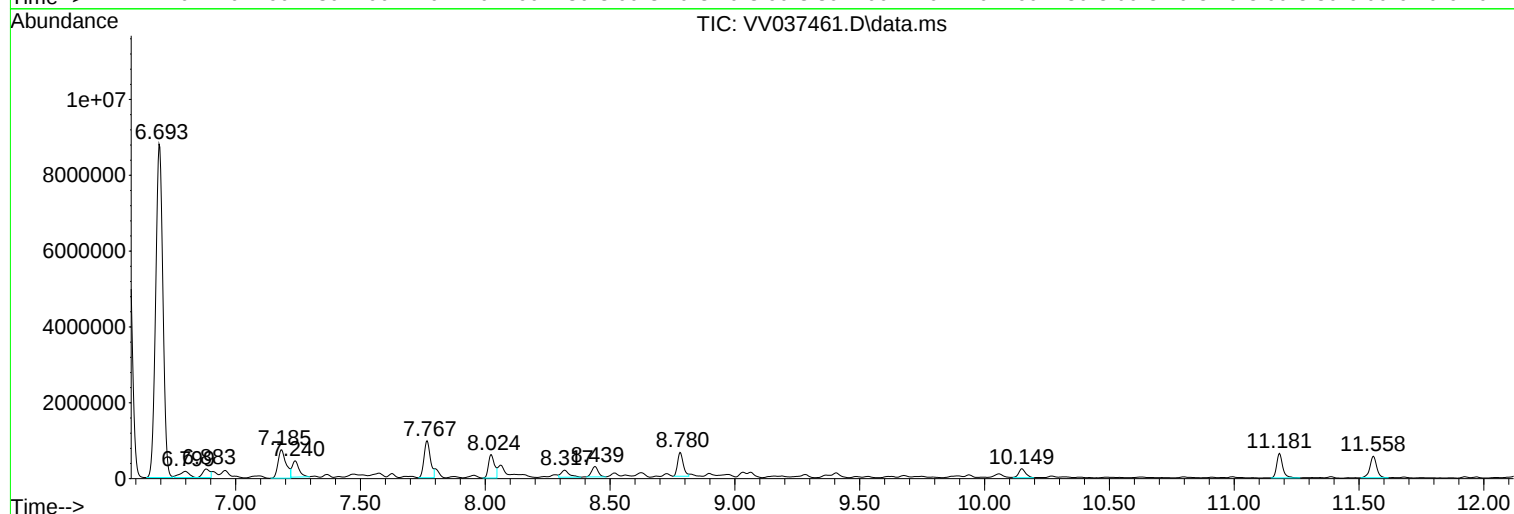
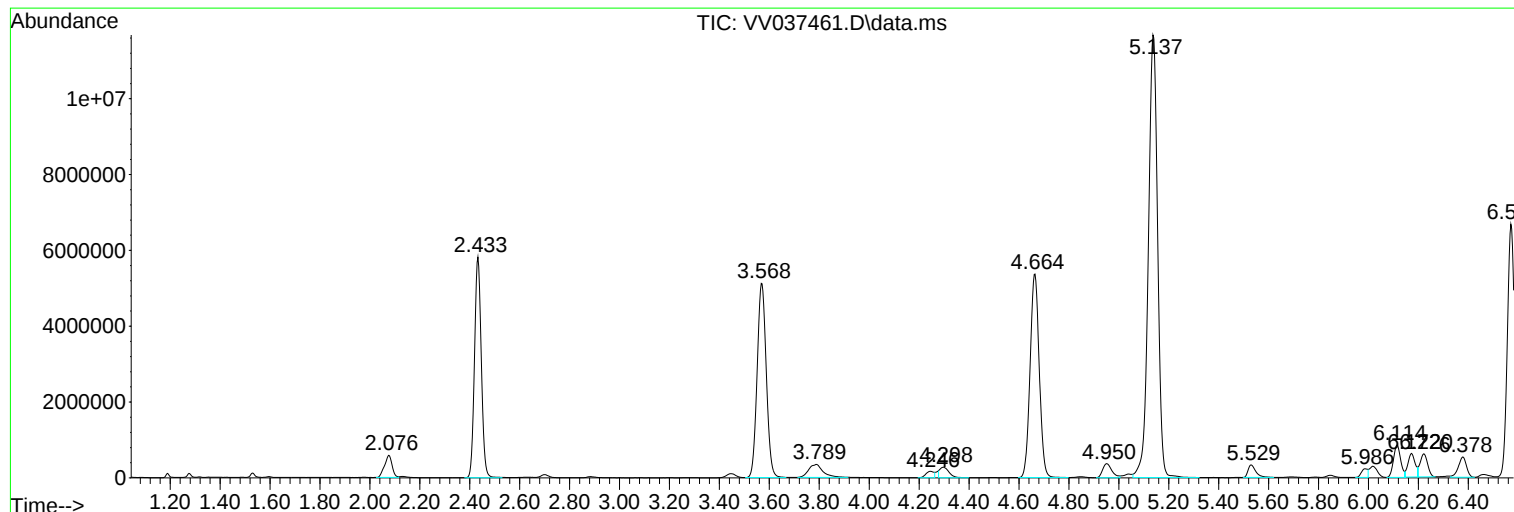
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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

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



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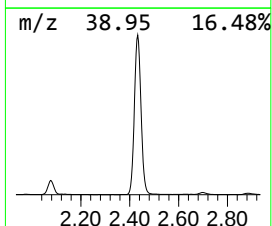
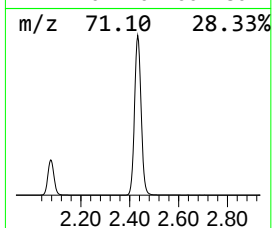
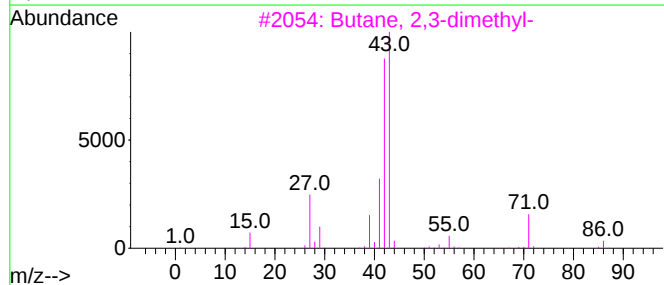
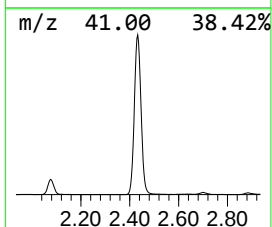
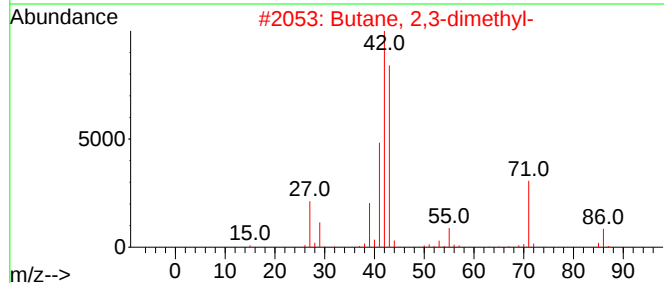
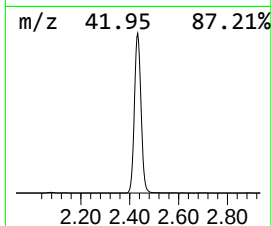
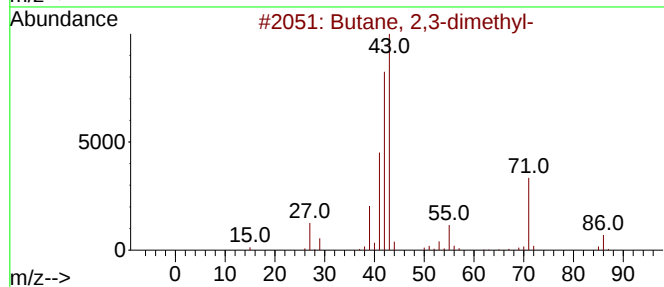
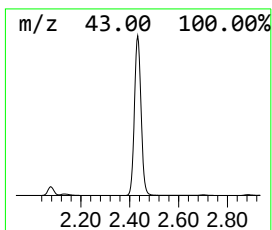
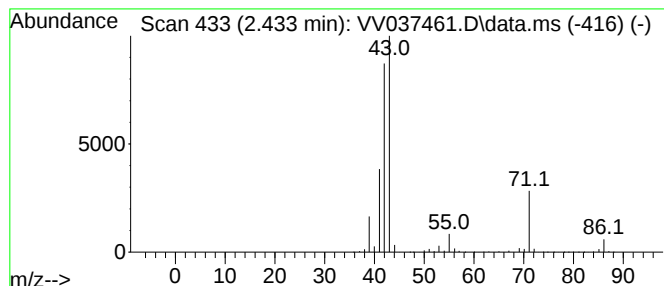
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.433	75.34 ug/L	10993200	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
3			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
4			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
5			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80



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ClientSampleId :
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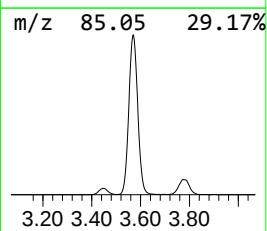
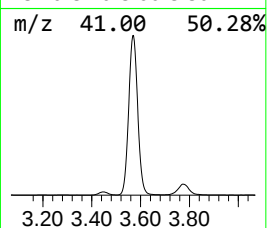
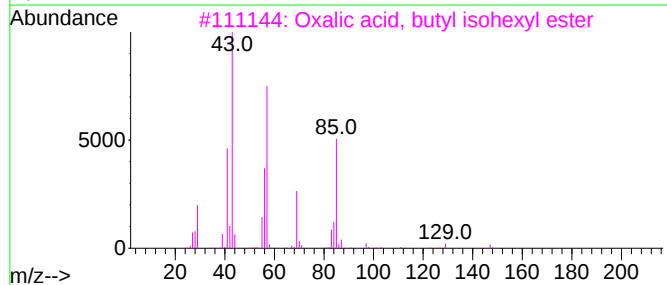
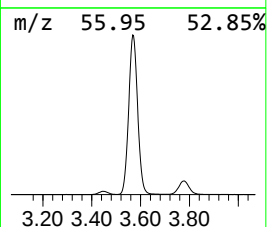
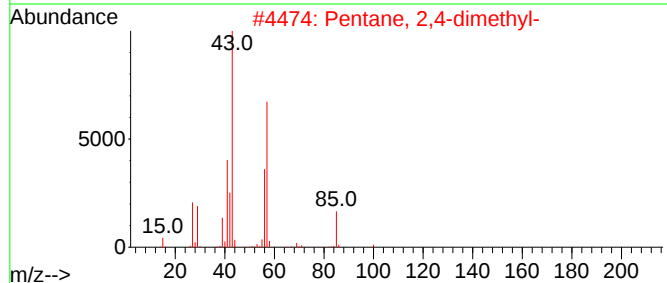
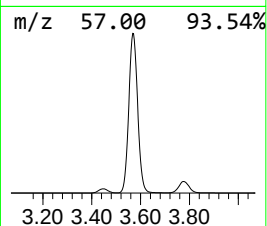
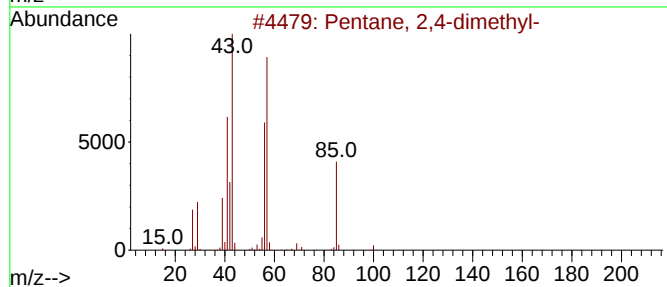
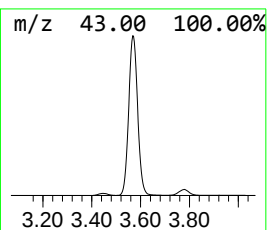
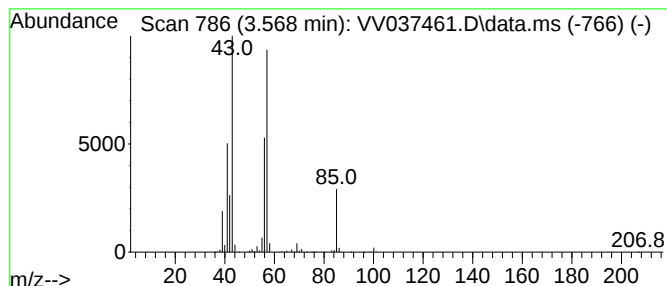
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.568	89.51 ug/L	13061200	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	94
2			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
3			Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	59
4			Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	59
5			Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	59



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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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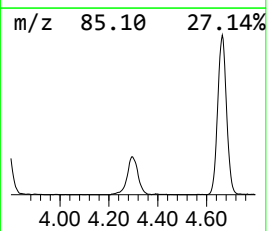
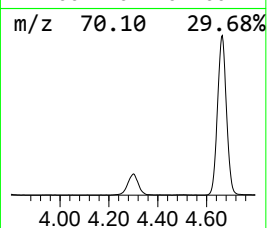
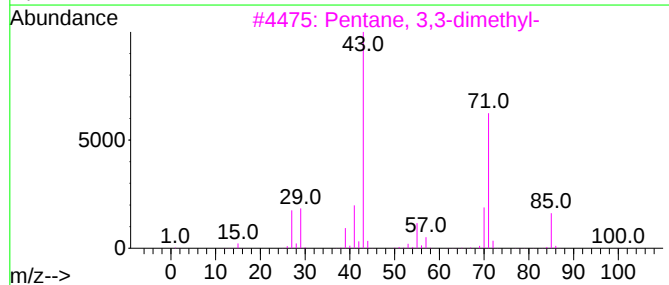
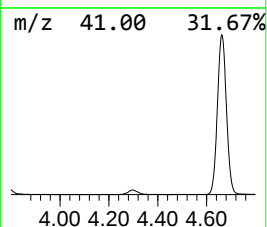
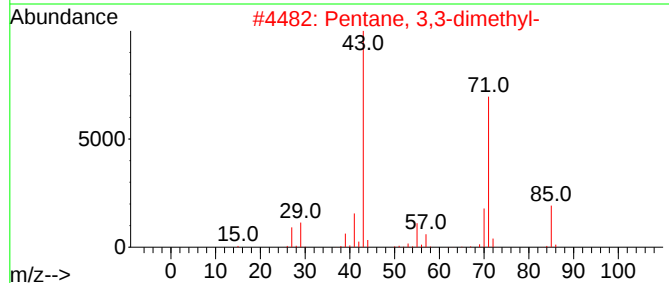
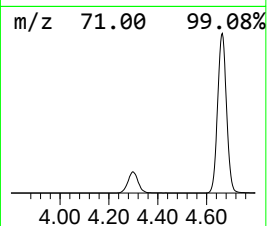
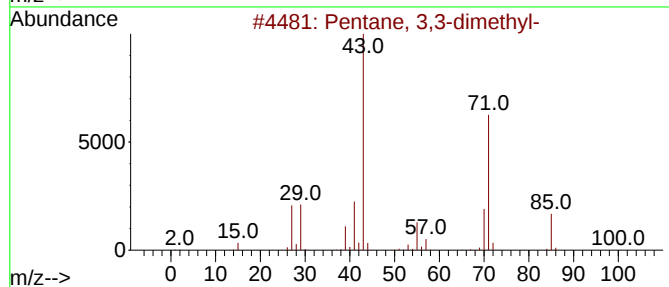
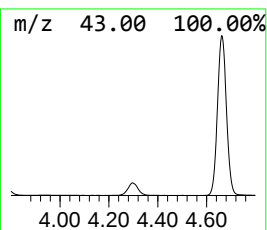
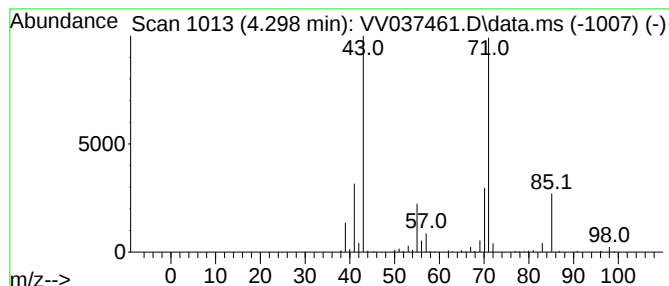
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.298	4.72 ug/L	688050	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	78
2			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	72
3			Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	50
4			Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	42
5			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	42



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ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :
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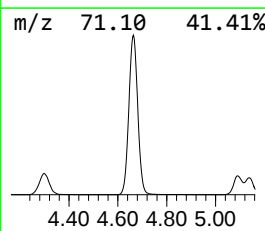
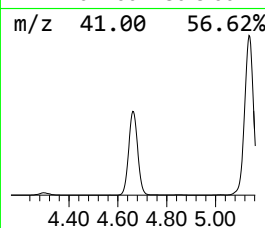
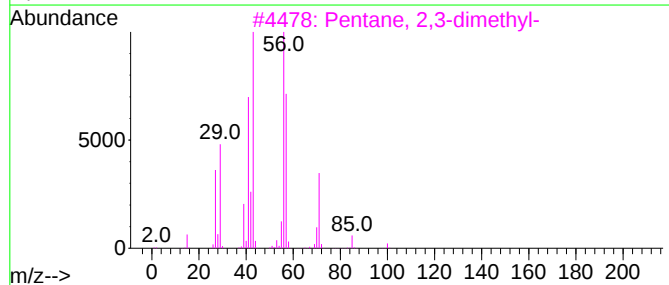
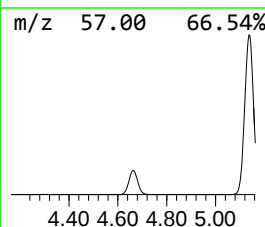
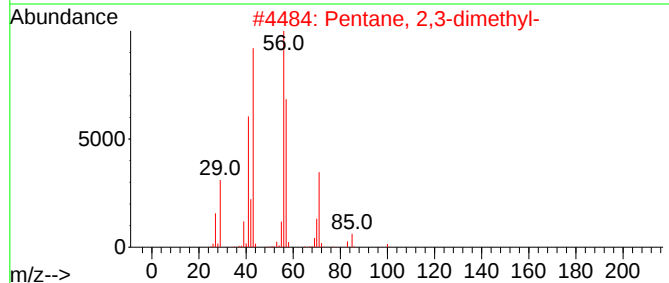
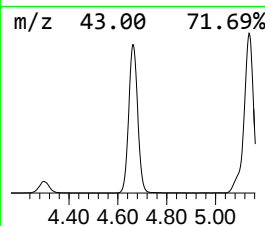
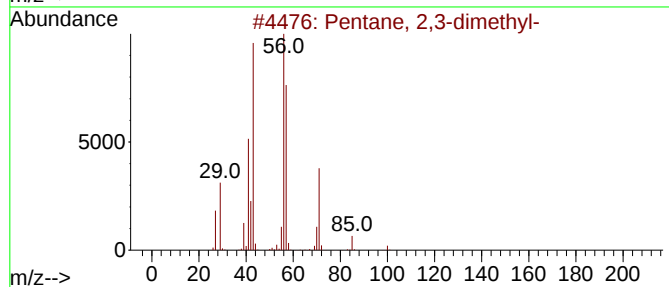
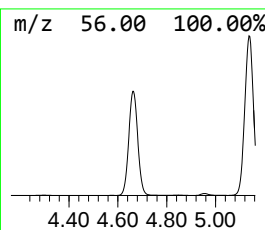
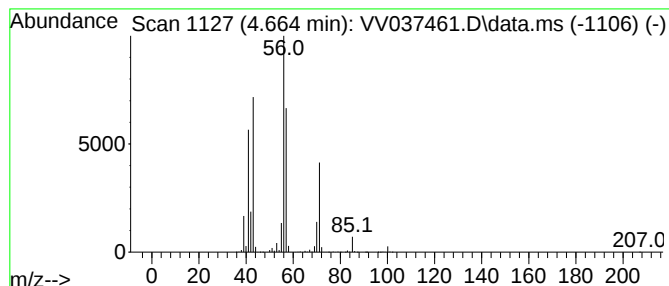
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.664	94.30 ug/L	13760100	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	94
2			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	90
3			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
4			Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	87
5			Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50



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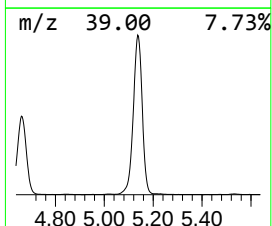
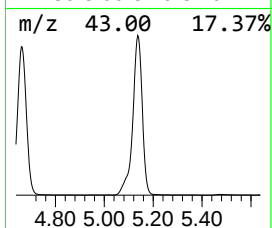
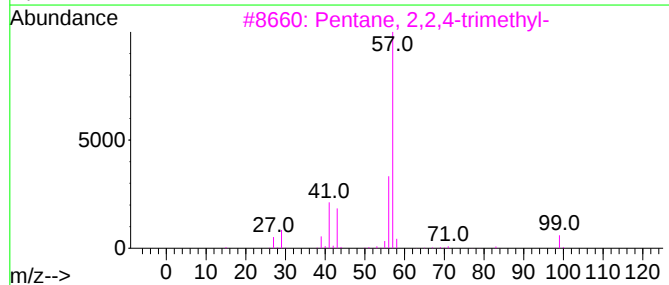
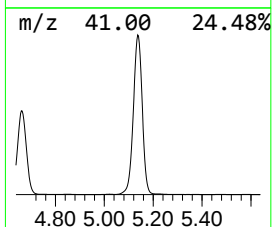
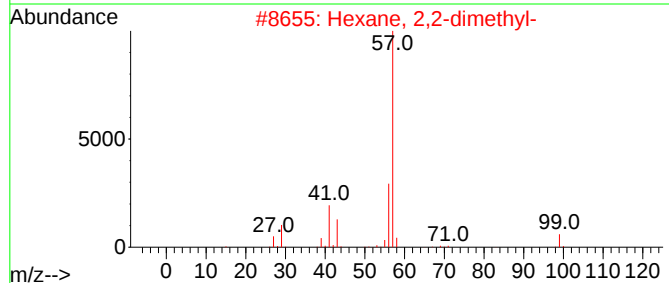
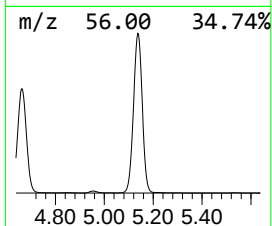
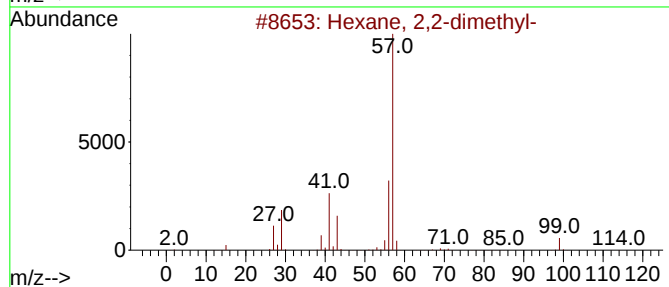
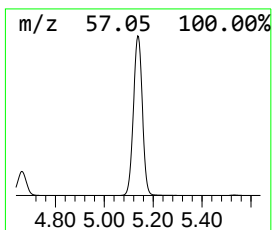
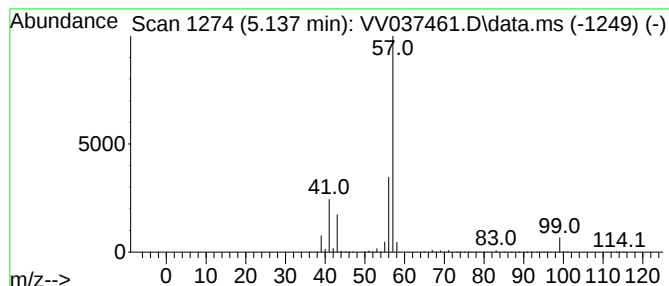
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.137	207.10 ug/L	30218600	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
2			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
3			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83
4			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	83
5			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	83



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H0HH9

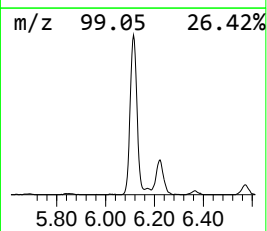
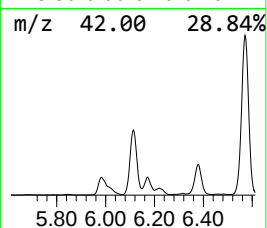
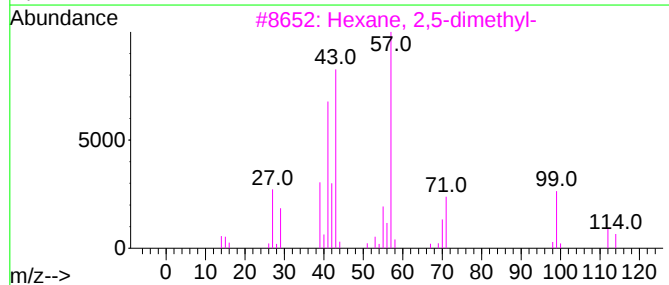
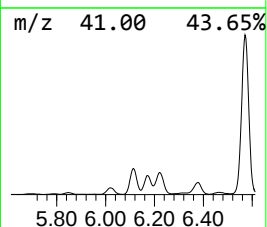
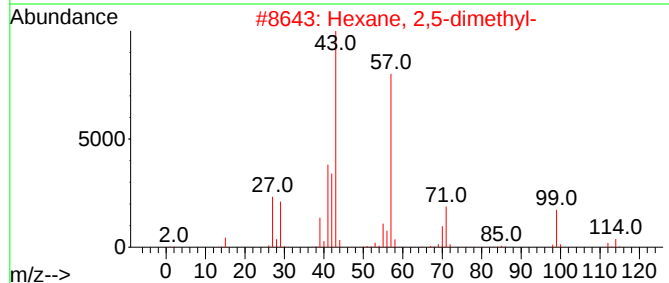
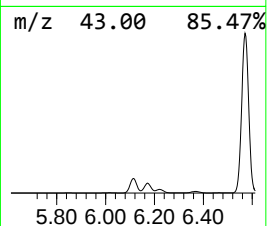
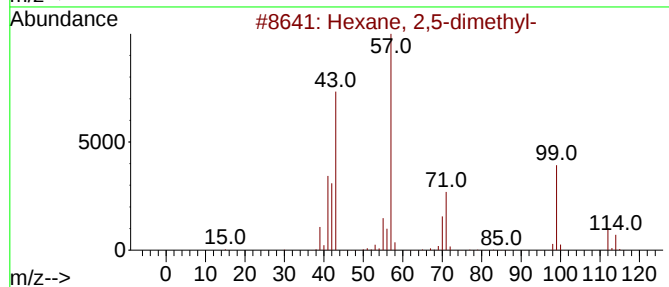
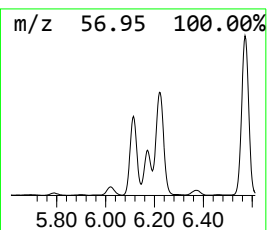
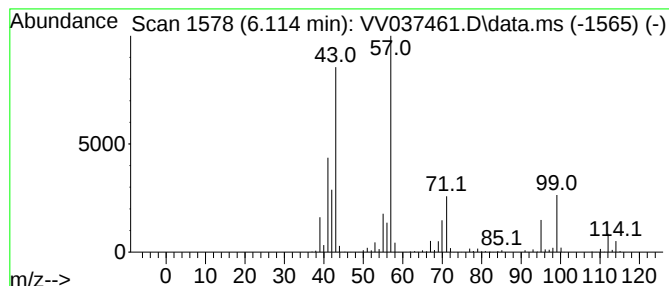
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.114	11.77 ug/L	1717970	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	93
2			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	90
3			Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	87
4			Heptane, 2-methyl-	114	C8H18	000592-27-8	64
5			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037461.D
Acq On : 21 Sep 2024 03:44
Operator : SY/MD
Sample : P4130-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0HH9

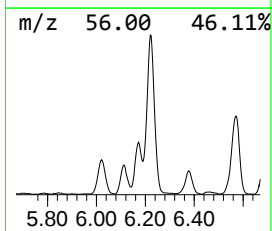
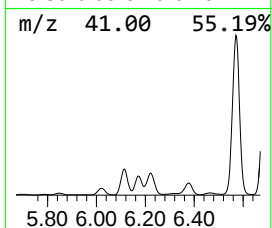
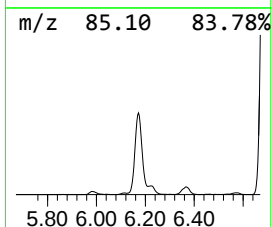
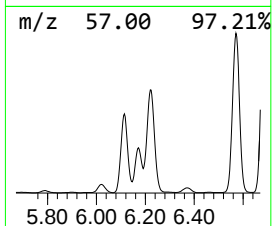
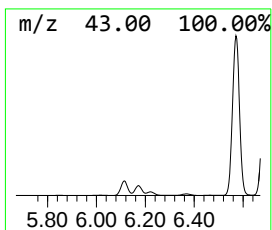
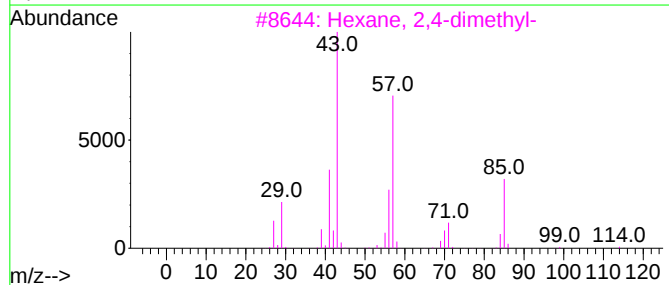
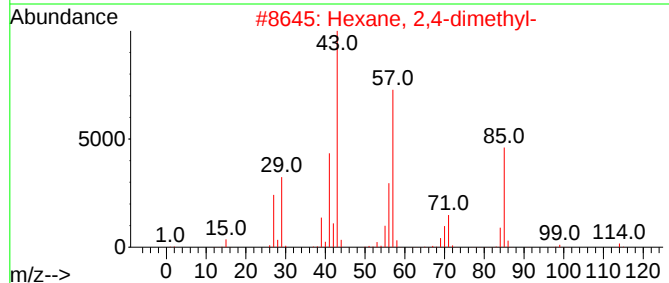
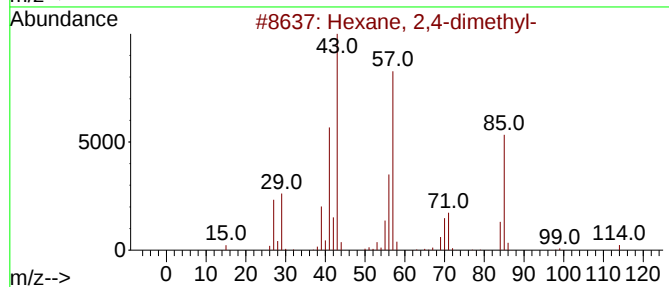
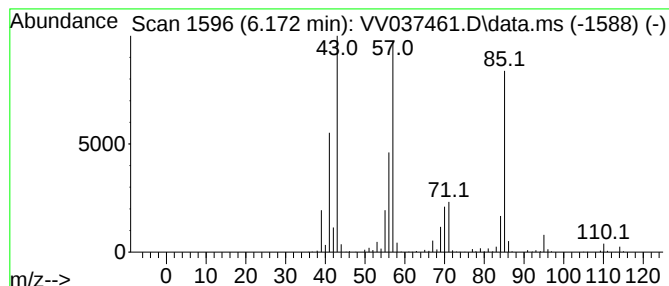
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.172	8.64 ug/L	1261110	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	95
2			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
3			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	91
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	90
5			Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037461.D
Acq On : 21 Sep 2024 03:44
Operator : SY/MD
Sample : P4130-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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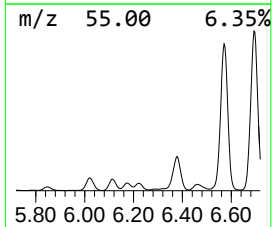
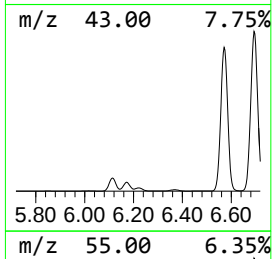
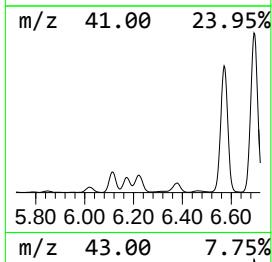
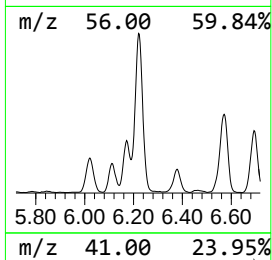
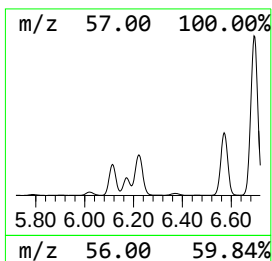
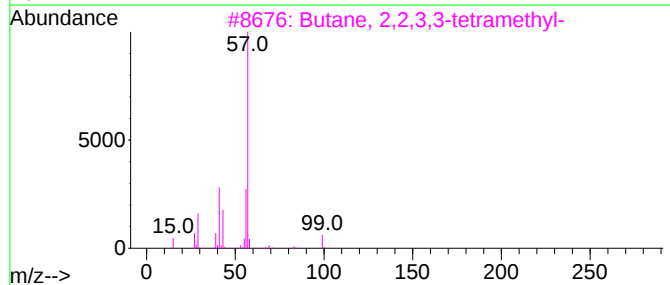
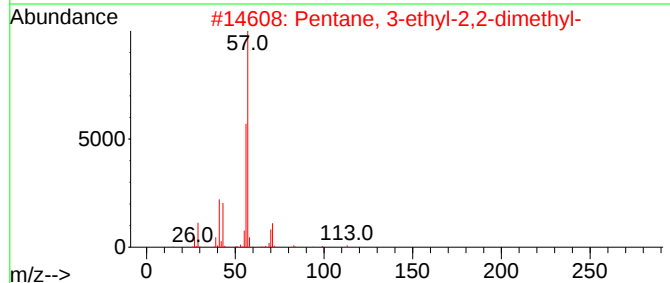
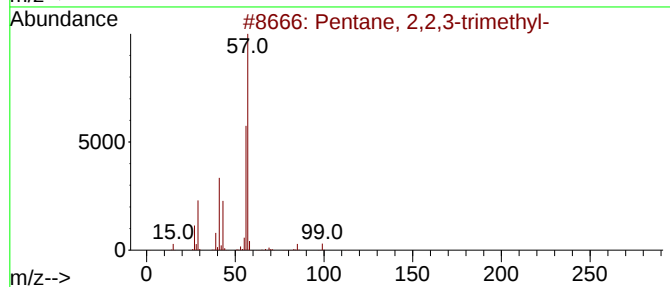
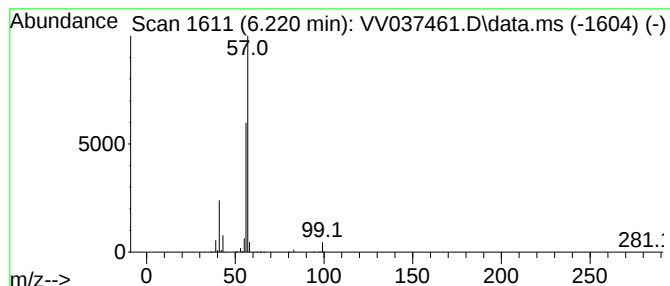
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.220	8.56 ug/L	1248700	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,2,3-trimethyl-	114	C8H18	000564-02-3	56
2			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	45
3			Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	40
4			Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	40
5			Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037461.D
Acq On : 21 Sep 2024 03:44
Operator : SY/MD
Sample : P4130-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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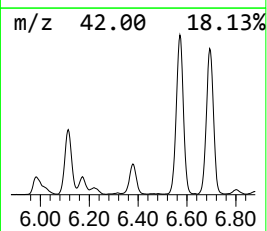
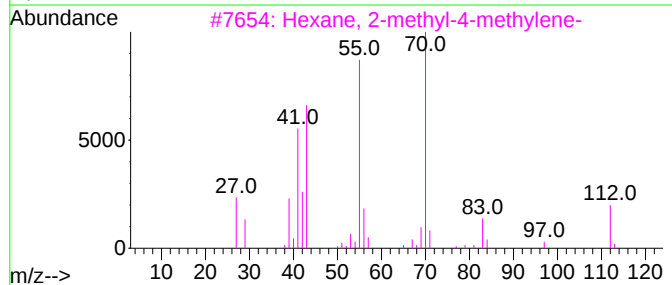
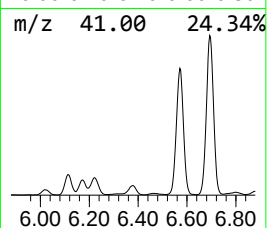
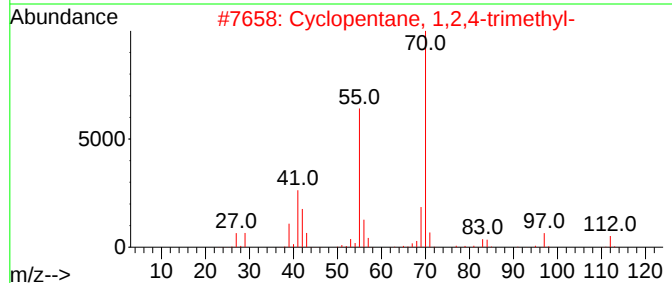
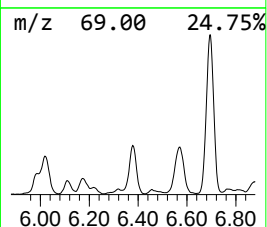
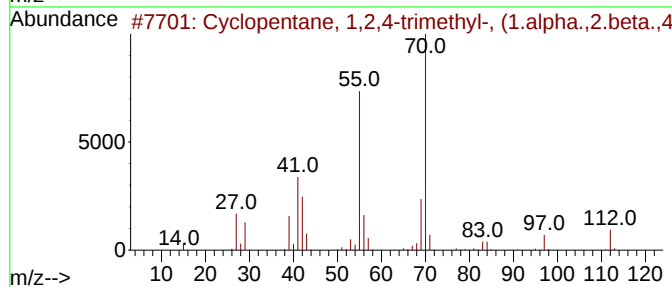
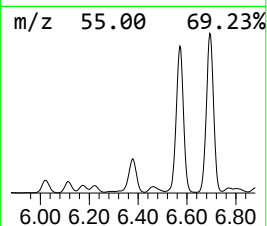
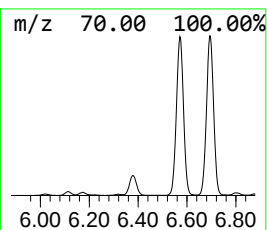
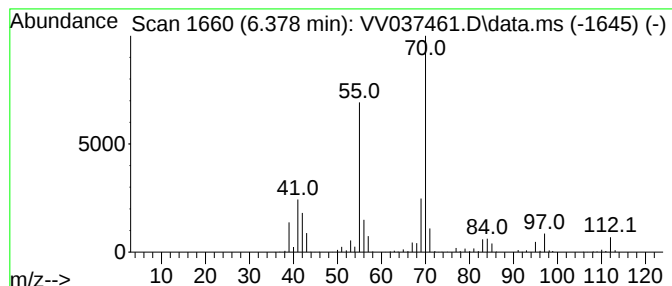
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 9 (DEL) Alkane: Cyclic6.378 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.378	8.18 ug/L	1193080	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	90
2			Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	90
3			Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	86
4			Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	83
5			Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037461.D
Acq On : 21 Sep 2024 03:44
Operator : SY/MD
Sample : P4130-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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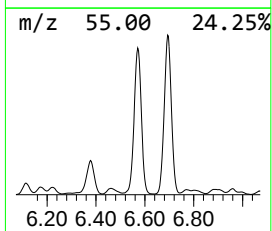
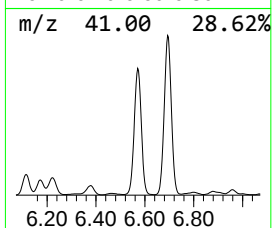
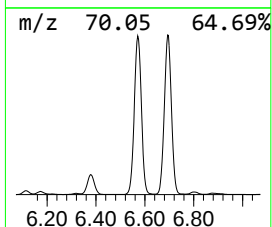
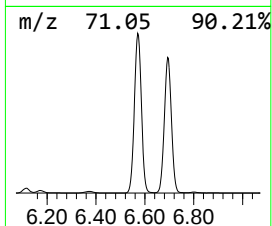
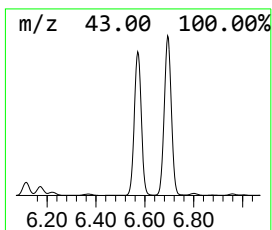
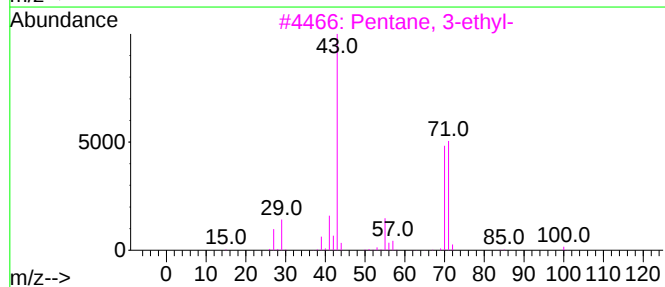
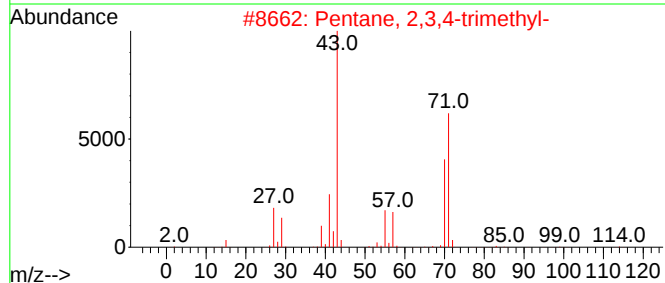
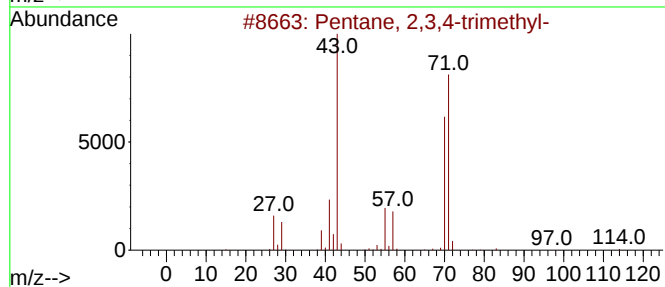
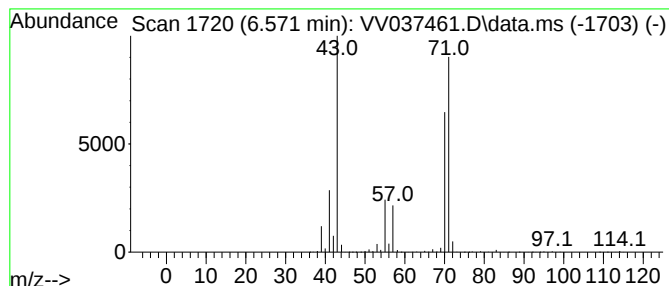
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.571	92.12 ug/L	13441000	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
3			Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
4			Heptane, 4-methyl-	114	C8H18	000589-53-7	83
5			Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037461.D
Acq On : 21 Sep 2024 03:44
Operator : SY/MD
Sample : P4130-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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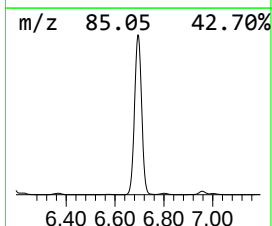
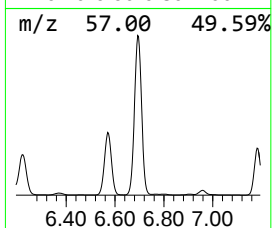
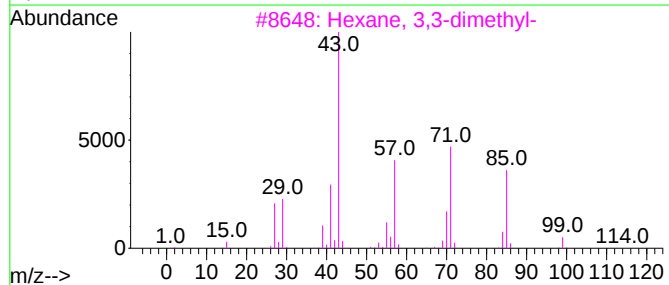
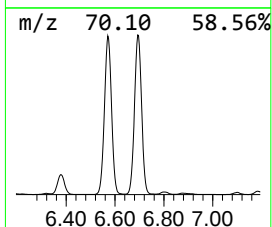
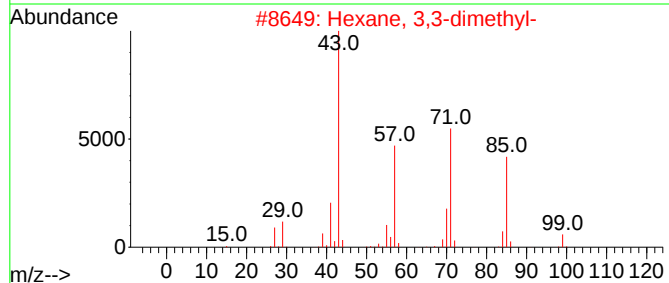
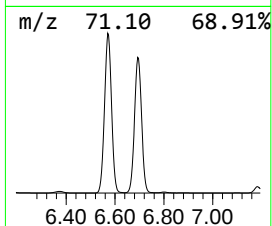
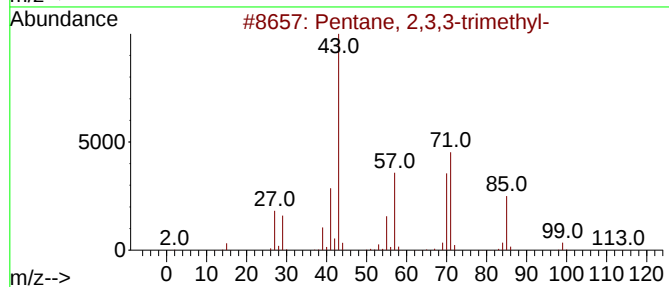
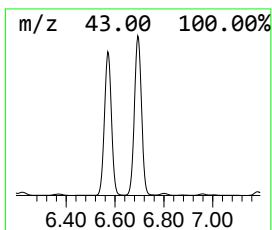
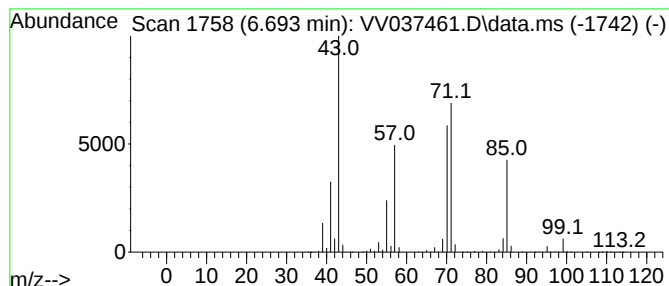
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.693	121.69 ug/L	17755800	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
3			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5			Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037461.D
Acq On : 21 Sep 2024 03:44
Operator : SY/MD
Sample : P4130-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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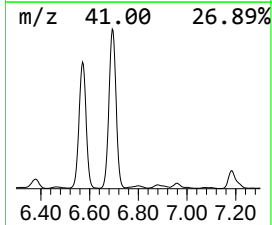
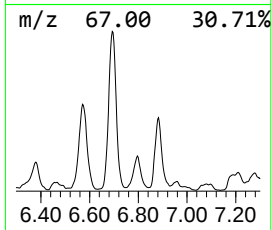
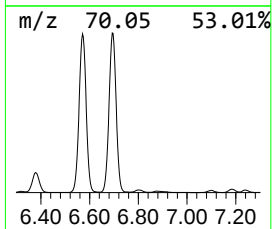
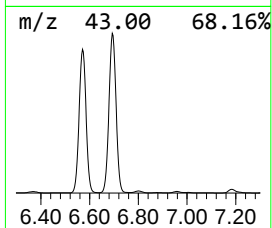
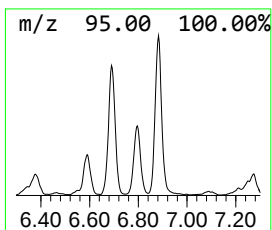
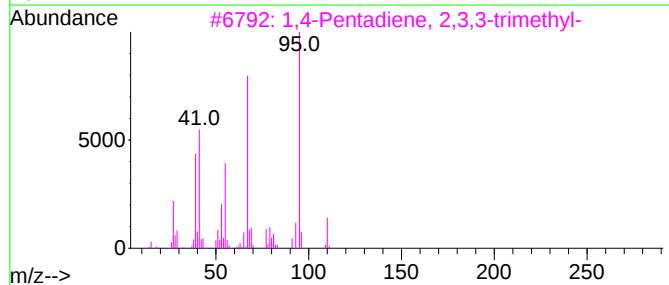
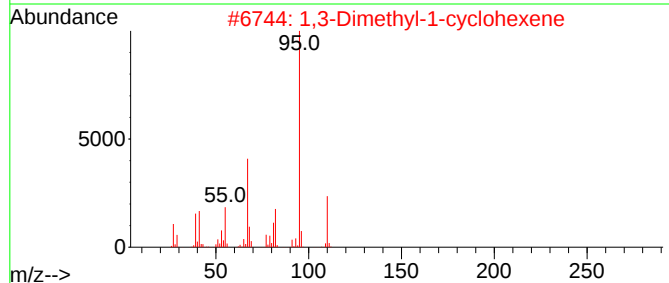
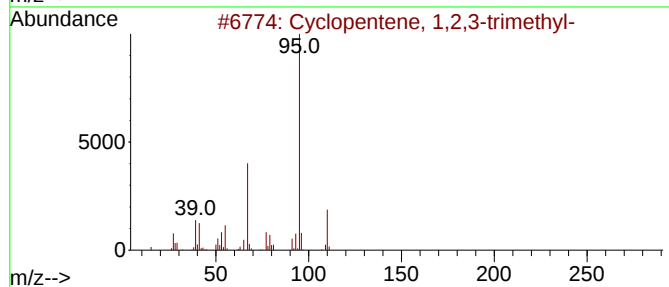
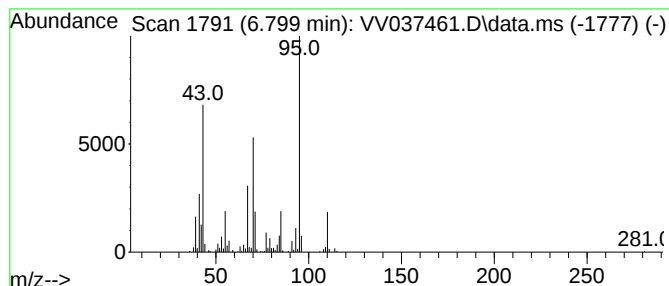
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 12 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.799	2.99 ug/L	436442	1,4-Difluorobenzene	5.529

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2			1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	53
3			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	52
4			endo-Borneol	154	C10H18O	000507-70-0	50
5			Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037461.D
Acq On : 21 Sep 2024 03:44
Operator : SY/MD
Sample : P4130-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

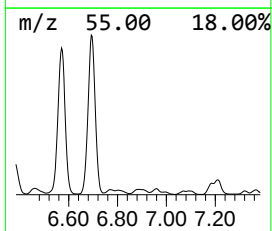
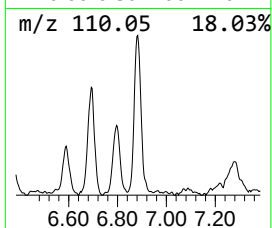
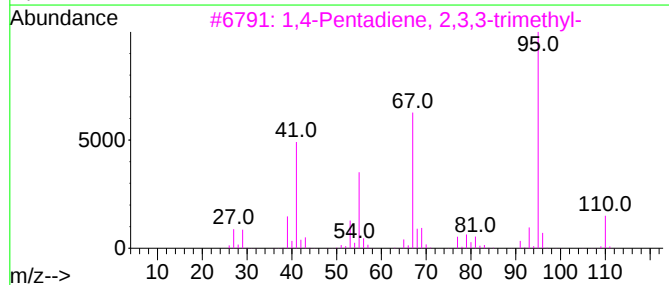
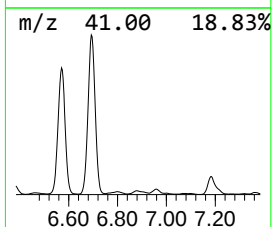
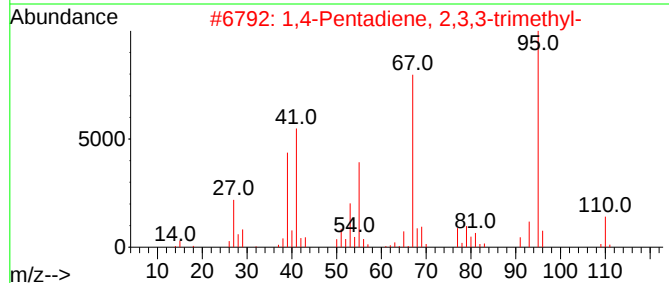
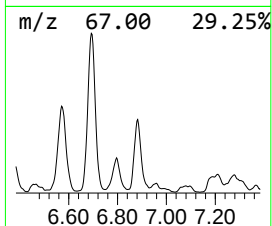
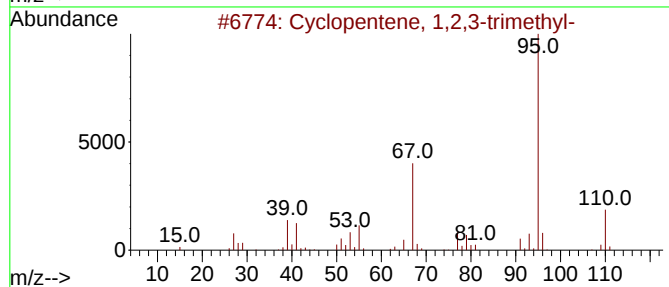
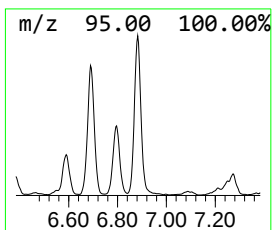
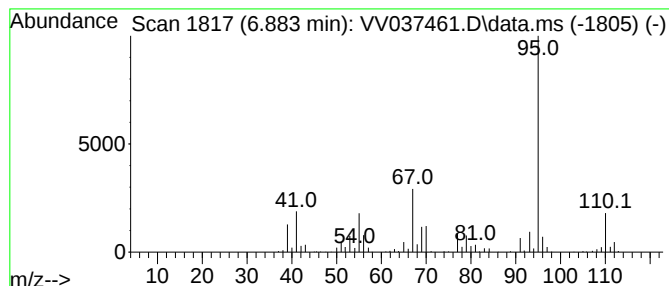
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MSVOA_V
ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 13 1,4-Pentadiene, 2,3,3-trime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.883	3.13 ug/L	457334	1,4-Difluorobenzene	5.529	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	93
2	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	83
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	76
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72
5	1,4-Pentadiene, 2,3,4-trimethyl-	110	C8H14	072014-90-5	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037461.D
Acq On : 21 Sep 2024 03:44
Operator : SY/MD
Sample : P4130-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0HH9

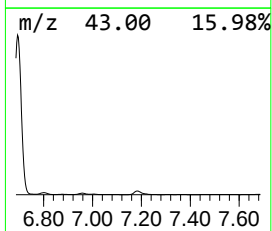
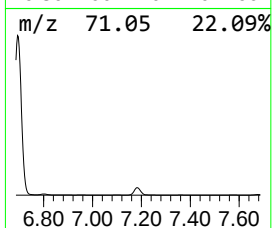
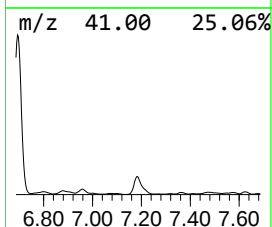
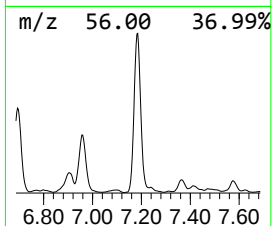
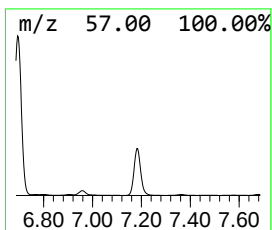
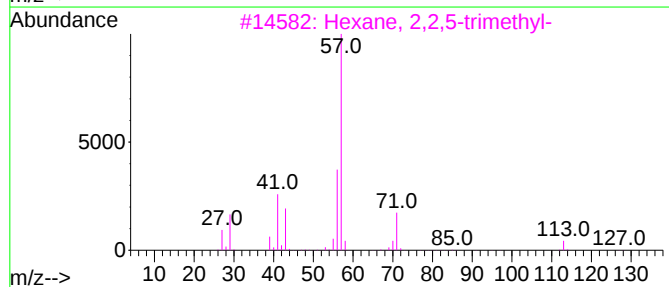
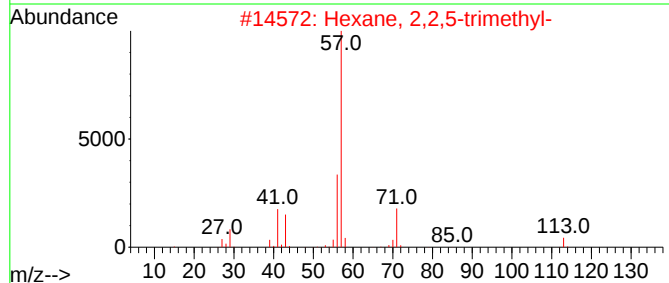
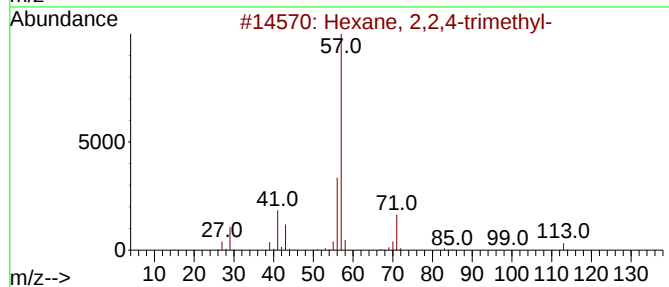
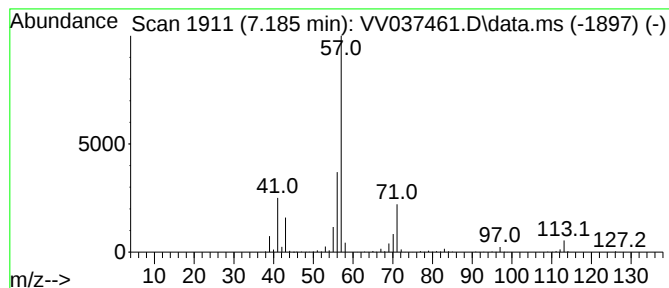
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.185	8.50 ug/L	1688300	Chlorobenzene-d5	8.780

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-		128	C9H20		016747-26-5	78
2	Hexane, 2,2,5-trimethyl-		128	C9H20		003522-94-9	72
3	Hexane, 2,2,5-trimethyl-		128	C9H20		003522-94-9	64
4	Octane, 2,6-dimethyl-		142	C10H22		002051-30-1	64
5	Hexane, 2,2,4-trimethyl-		128	C9H20		016747-26-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037461.D
Acq On : 21 Sep 2024 03:44
Operator : SY/MD
Sample : P4130-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0HH9

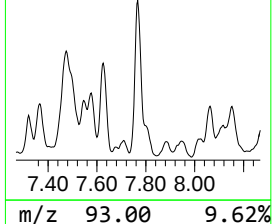
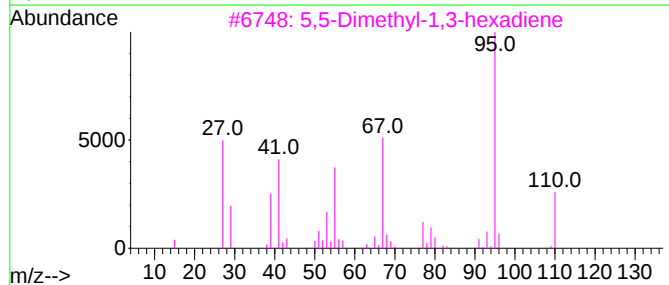
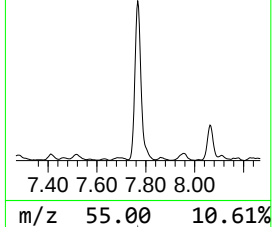
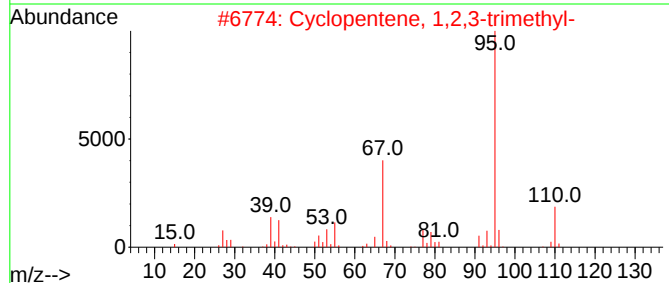
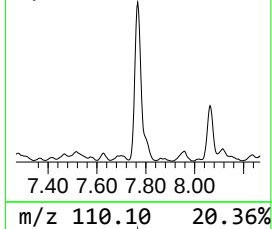
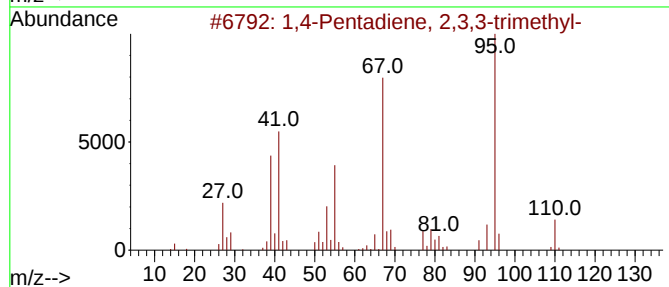
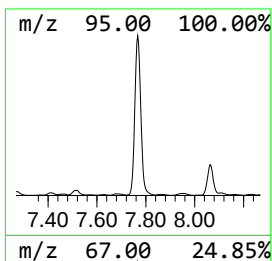
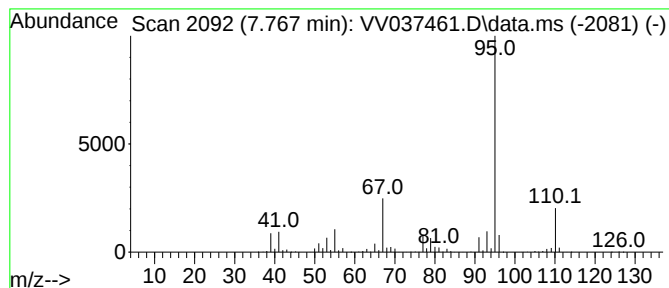
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 15 5,5-Dimethyl-1,3-hexadiene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.767	8.76 ug/L	1741540	Chlorobenzene-d5	8.780

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	91
2			Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
3			5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	78
4			Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	72
5			1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037461.D
Acq On : 21 Sep 2024 03:44
Operator : SY/MD
Sample : P4130-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0HH9

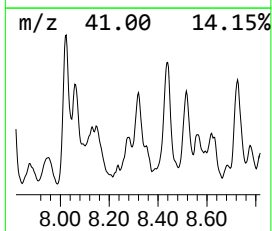
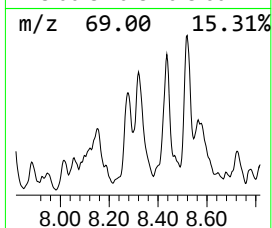
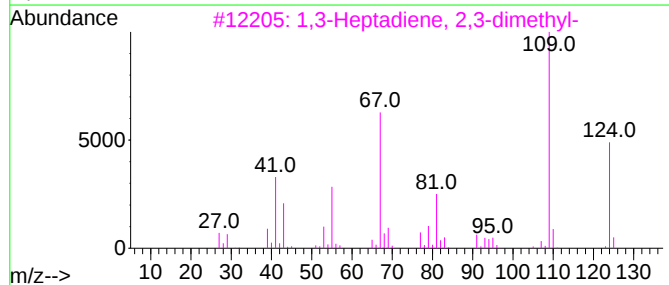
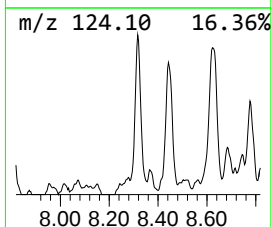
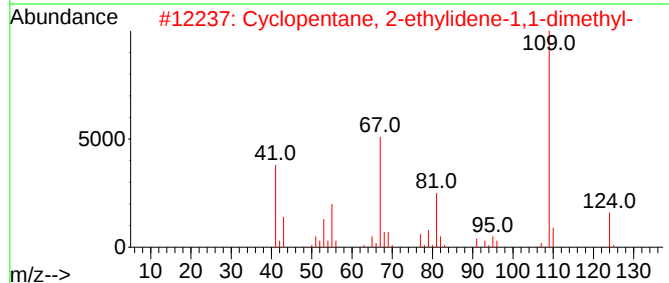
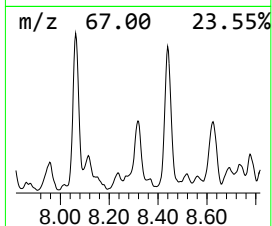
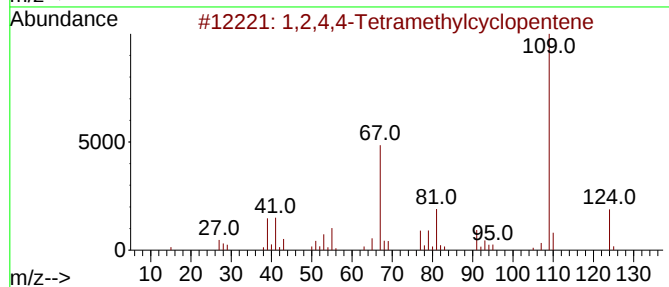
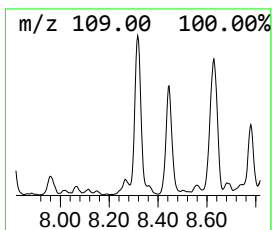
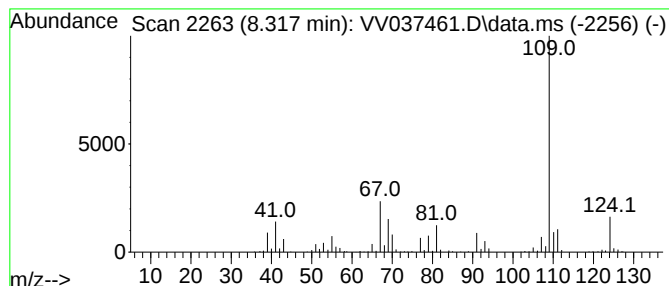
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 16 1,2,4,4-Tetramethylcyclopentene... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.317	2.03 ug/L	402800	Chlorobenzene-d5	8.780

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,4-Tetramethylcyclopentene	124	C9H16	065378-76-9	83	
2	Cyclopentane, 2-ethylidene-1,1-d...	124	C9H16	056324-66-4	72	
3	1,3-Heptadiene, 2,3-dimethyl-	124	C9H16	074779-65-0	64	
4	2,5-Dimethylhex-5-en-3-yn-2-ol	124	C8H12O	1000302-74-9	62	
5	Cyclohexanol, 3,3,5-trimethyl-, ...	142	C9H18O	000767-54-4	56	



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037461.D
Acq On : 21 Sep 2024 03:44
Operator : SY/MD
Sample : P4130-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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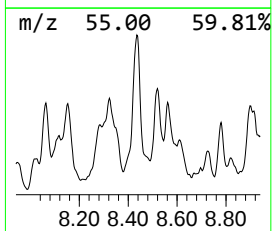
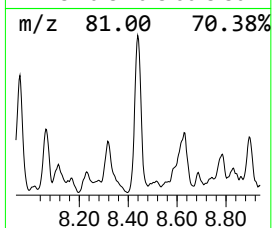
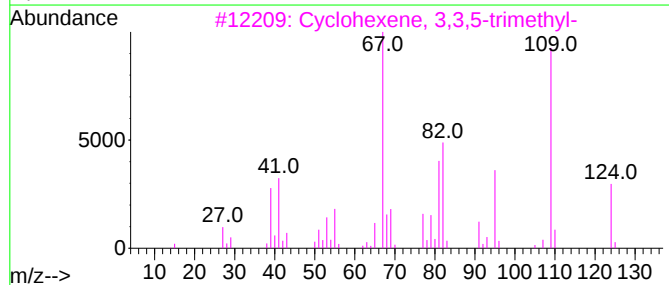
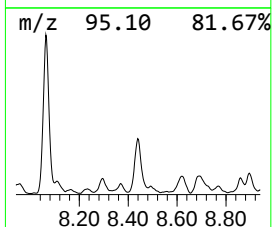
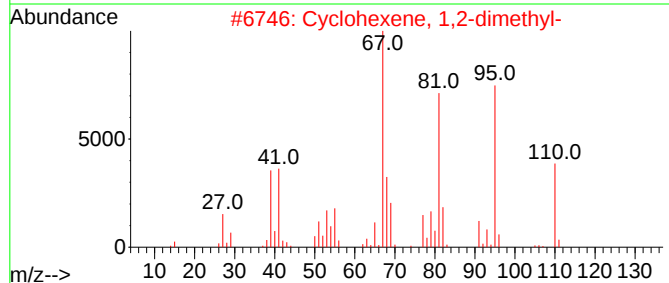
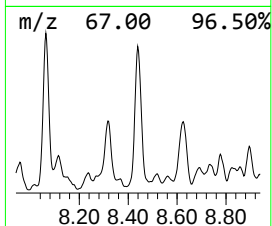
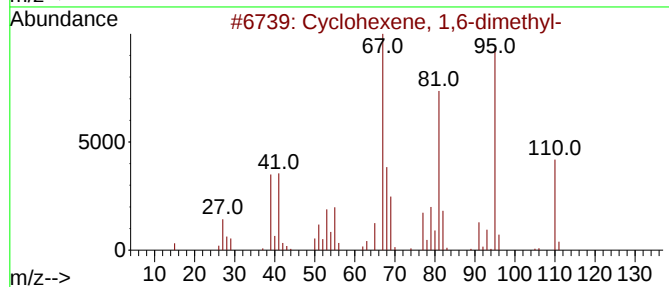
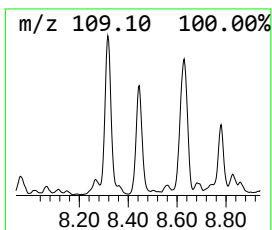
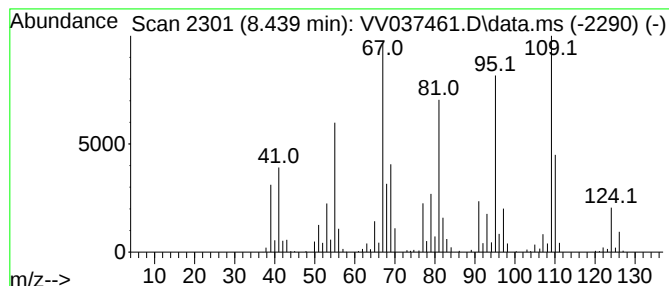
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Quant Title : TRACE VOA SFAM1.0

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

Peak Number 17 Cyclohexene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	2.48 ug/L	492860	Chlorobenzene-d5	8.780

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexene, 1,6-dimethyl-	110	C8H14	001759-64-4	91
2		Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	60
3		Cyclohexene, 3,3,5-trimethyl-	124	C9H16	000503-45-7	58
4		2,4-Hexadiene, 2,3-dimethyl-	110	C8H14	005678-98-8	55
5		1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
Data File : VV037461.D
Acq On : 21 Sep 2024 03:44
Operator : SY/MD
Sample : P4130-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0HH9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.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
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(DEL) Alkane: S...	3.568	89.5	ug/L	13061200	1	5.529	729563	5.0
(DEL) Alkane: S...	4.298	4.7	ug/L	688050	1	5.529	729563	5.0
(DEL) Alkane: S...	4.664	94.3	ug/L	13760100	1	5.529	729563	5.0
(DEL) Alkane: S...	5.137	207.1	ug/L	30218600	1	5.529	729563	5.0
(DEL) Alkane: S...	6.114	11.8	ug/L	1717970	1	5.529	729563	5.0
(DEL) Alkane: S...	6.172	8.6	ug/L	1261110	1	5.529	729563	5.0
(DEL) Alkane: S...	6.220	8.6	ug/L	1248700	1	5.529	729563	5.0
(DEL) Alkane: C...	6.378	8.2	ug/L	1193080	1	5.529	729563	5.0
(DEL) Alkane: S...	6.571	92.1	ug/L	13441000	1	5.529	729563	5.0
(DEL) Alkane: S...	6.693	121.7	ug/L	17755800	1	5.529	729563	5.0
Cyclopentene, 1...	6.799	3.0	ug/L	436442	1	5.529	729563	5.0
1,4-Pentadiene,...	6.883	3.1	ug/L	457334	1	5.529	729563	5.0
(DEL) Alkane: S...	7.185	8.5	ug/L	1688300	2	8.780	993571	5.0
5,5-Dimethyl-1,...	7.767	8.8	ug/L	1741540	2	8.780	993571	5.0
1,2,4,4-Tetrame...	8.317	2.0	ug/L	402800	2	8.780	993571	5.0
Cyclohexene, 1,...	8.439	2.5	ug/L	492860	2	8.780	993571	5.0