

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017080.D
 Acq On : 24 Jun 2020 18:41
 Operator : SY/MD
 Sample : L3105-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXK7

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.113	3	7	19	rVB	150515	141558	4.70%	0.671%
2	1.319	63	71	92	rVB	1964273	2089571	69.38%	9.898%
3	1.579	145	152	163	rBV	57056	65794	2.18%	0.312%
4	2.129	311	323	338	rBV3	180520	316610	10.51%	1.500%
5	2.518	431	444	445	rBV2	46665	58375	1.94%	0.277%
6	2.550	447	454	466	rVB	113662	204684	6.80%	0.970%
7	2.778	511	525	541	rBV	472171	922685	30.63%	4.371%
8	3.058	600	612	627	rBV3	99928	195583	6.49%	0.926%
9	3.213	644	660	684	rBV	609607	1288087	42.77%	6.102%
10	3.788	817	839	863	rBV	1133469	2863454	95.07%	13.564%
11	3.939	869	886	916	rBV	1235453	3011900	100.00%	14.267%
12	4.103	922	937	969	rVB	503845	1350652	44.84%	6.398%
13	4.380	1006	1023	1047	rBV4	111987	313717	10.42%	1.486%
14	4.637	1082	1103	1113	rBV	204556	512585	17.02%	2.428%
15	4.704	1115	1124	1148	rVB3	136045	331774	11.02%	1.572%
16	5.074	1223	1239	1248	rBV2	231027	551136	18.30%	2.611%
17	5.126	1249	1255	1285	rVB2	142329	337654	11.21%	1.599%
18	5.643	1400	1416	1437	rBV	216570	455499	15.12%	2.158%
19	5.942	1495	1509	1522	rBV	41728	81705	2.71%	0.387%
20	6.097	1543	1557	1576	rBV	125627	264223	8.77%	1.252%
21	7.010	1827	1841	1855	rBV2	68937	126309	4.19%	0.598%
22	7.338	1931	1943	1958	rBV	272998	468406	15.55%	2.219%
23	7.643	2026	2038	2051	rBV	43910	77874	2.59%	0.369%
24	7.862	2095	2106	2124	rVB2	68799	119675	3.97%	0.567%
25	8.109	2167	2183	2205	rBV	271295	472158	15.68%	2.237%
26	8.322	2240	2249	2262	rBV2	27294	46614	1.55%	0.221%
27	8.900	2408	2429	2454	rBV2	952421	2053719	68.19%	9.728%
28	9.566	2623	2636	2648	rBV	180408	279634	9.28%	1.325%
29	9.952	2743	2756	2767	rBV	44238	70875	2.35%	0.336%
30	10.238	2833	2845	2858	rBV	94701	150181	4.99%	0.711%
31	11.203	3134	3145	3156	rBV	87488	139179	4.62%	0.659%
32	11.270	3156	3166	3184	rVV2	360938	800260	26.57%	3.791%
33	11.357	3184	3193	3207	rVB	117200	177592	5.90%	0.841%
34	11.646	3271	3283	3303	rBV2	307663	588100	19.53%	2.786%

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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

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Title : TRACE VOA SOM01.0

35	13.286	3785	3793	3802	rBV2	20816	33671	1.12%	0.159%
36	13.527	3857	3868	3883	rVB	39597	69150	2.30%	0.328%
37	16.736	4857	4866	4877	rBV3	53304	79778	2.65%	0.378%

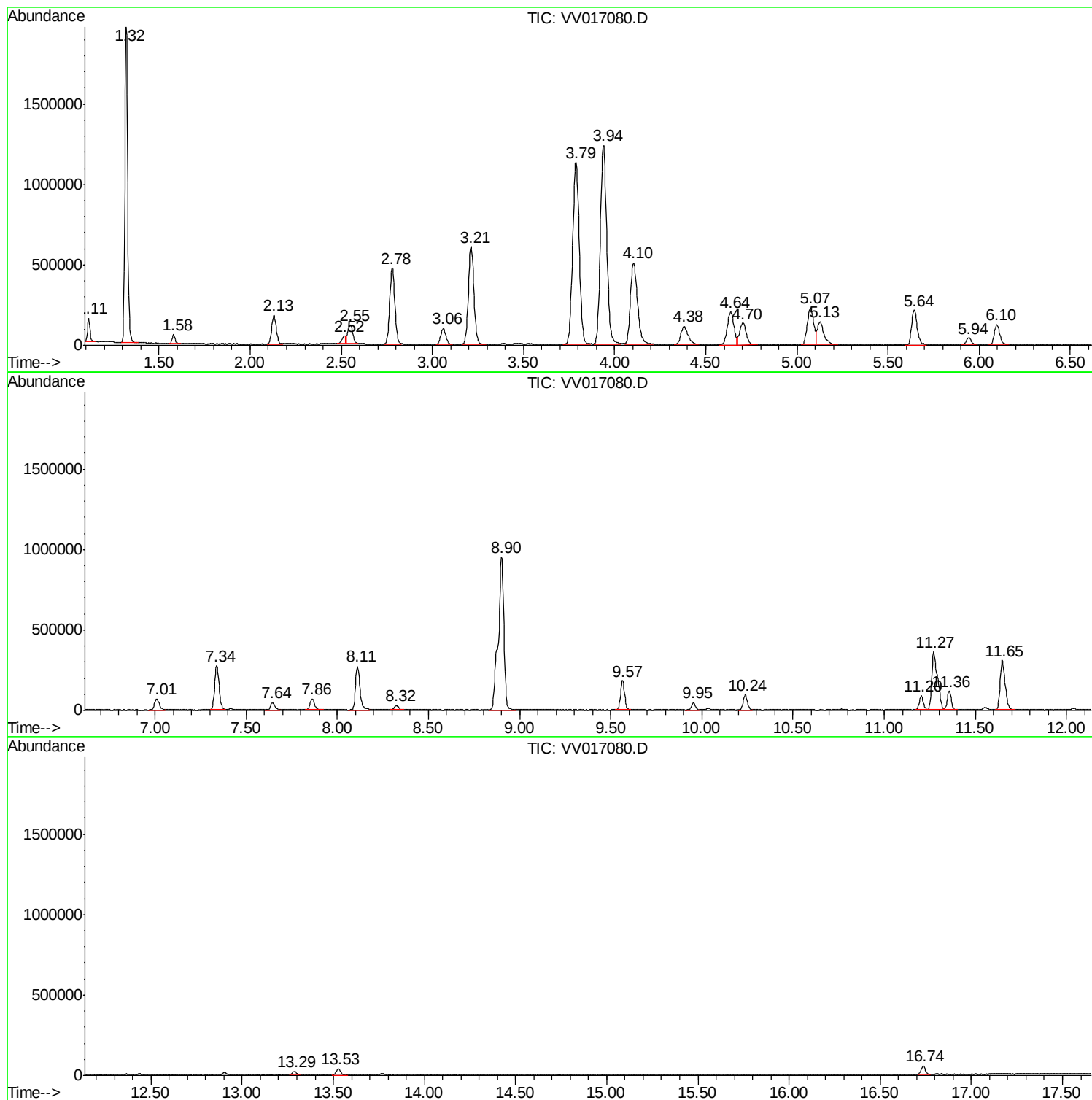
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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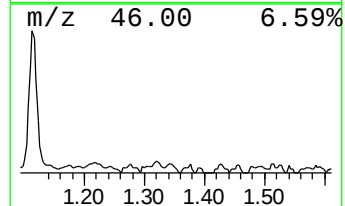
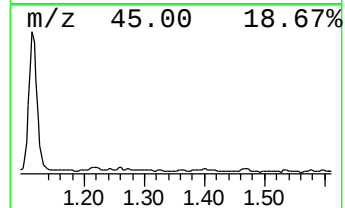
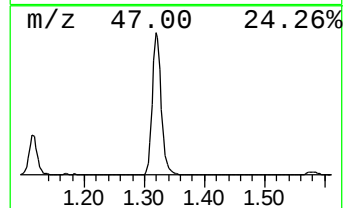
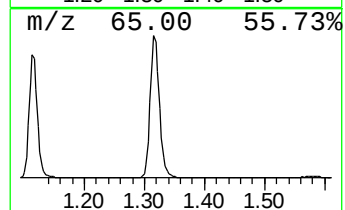
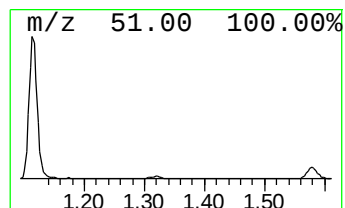
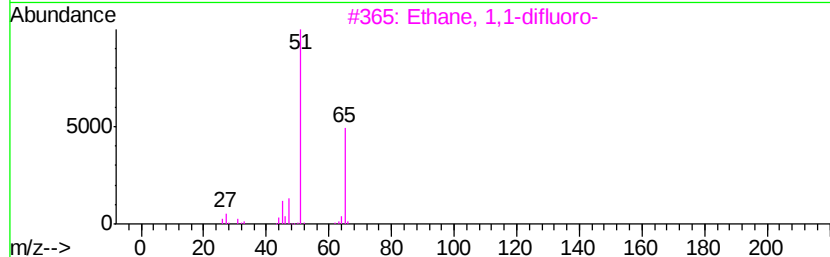
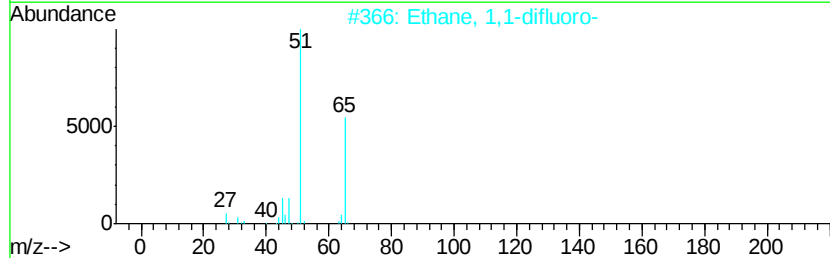
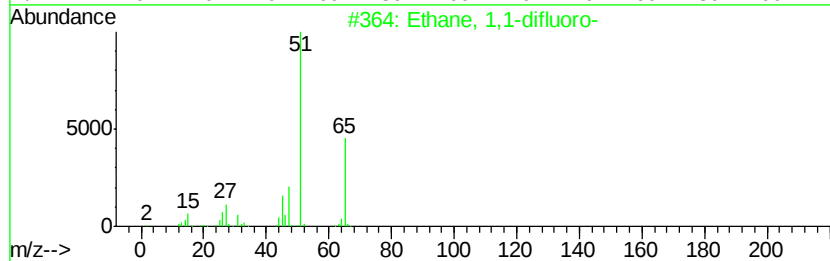
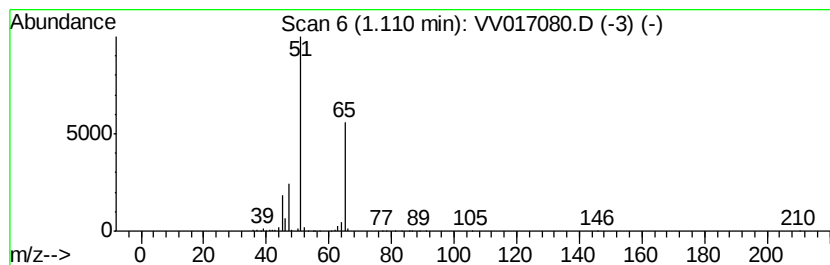
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.11	1.55 ug/L	141558	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2		Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
3		Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
4		Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	9
5		Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4



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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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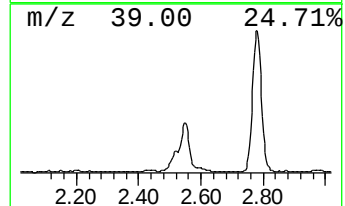
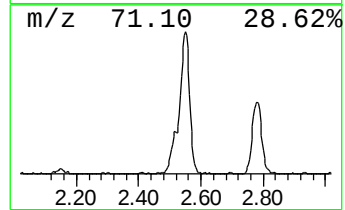
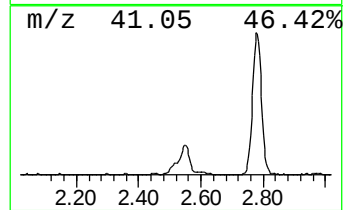
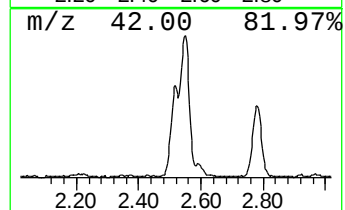
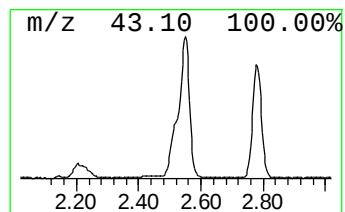
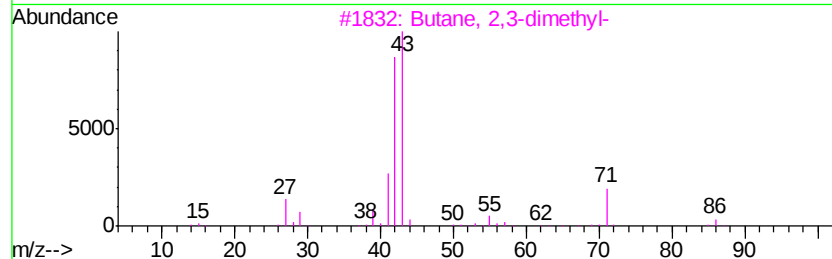
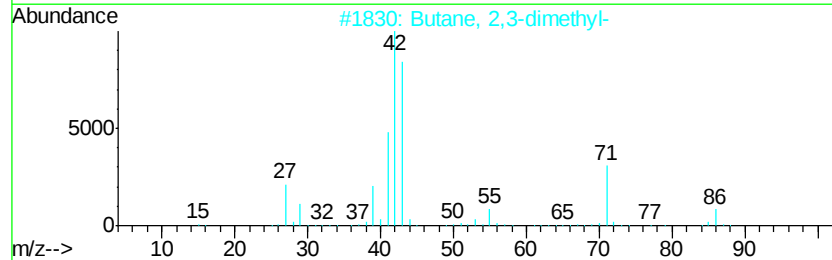
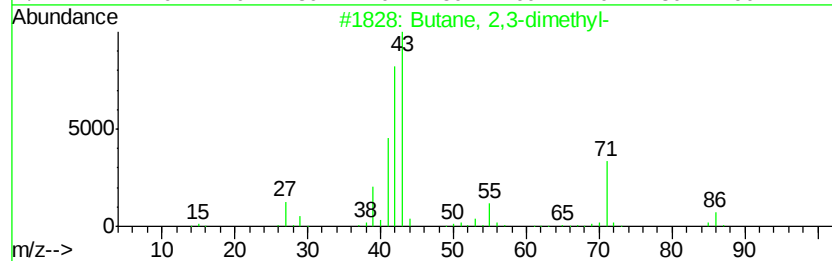
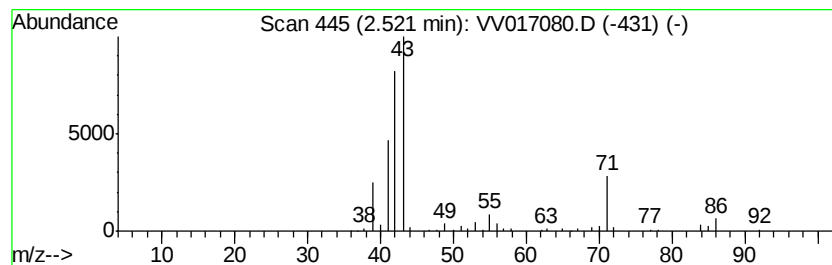
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.52	0.64 ug/L	58375	1,4-Difluorobenzene	5.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
3			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	78
4			trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	72
5			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49



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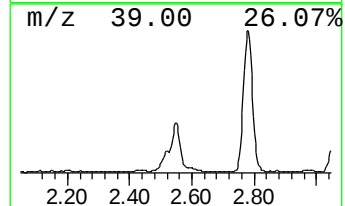
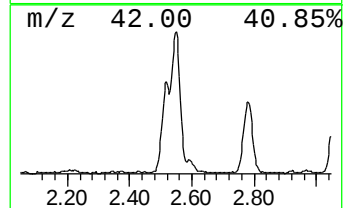
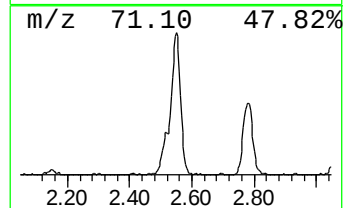
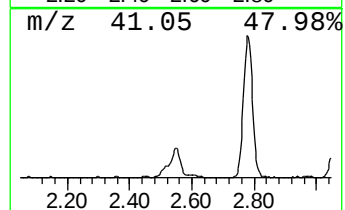
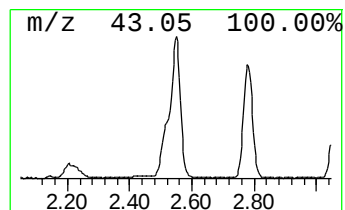
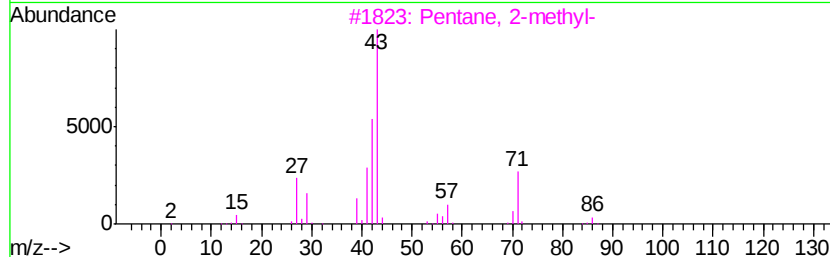
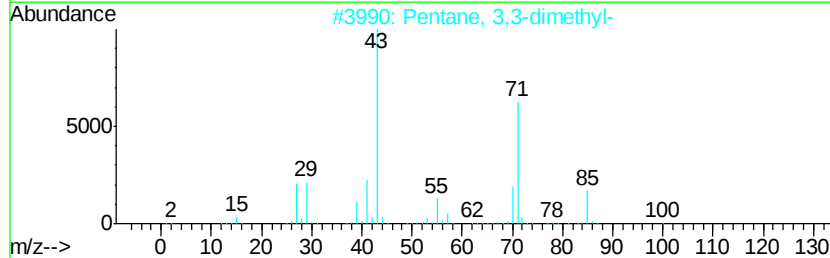
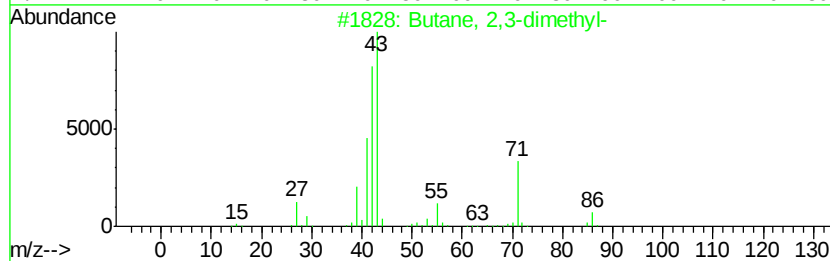
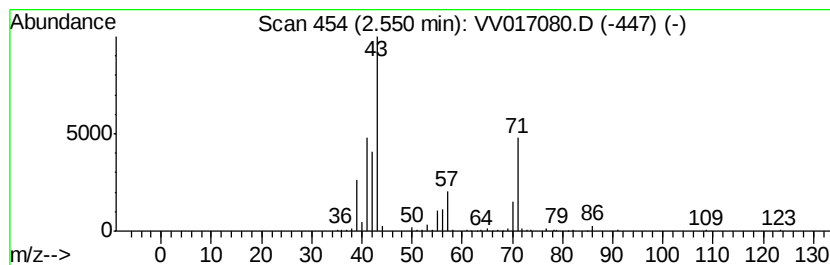
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.55	2.25 ug/L	204684	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	43
2		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	28
3		Pentane, 2-methyl-	86	C6H14	000107-83-5	28
4		Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	28
5		1,6-Heptadien-4-ol	112	C7H12O	002883-45-6	23



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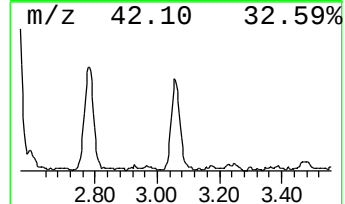
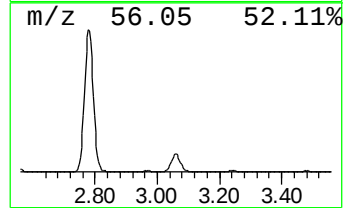
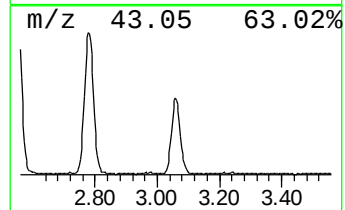
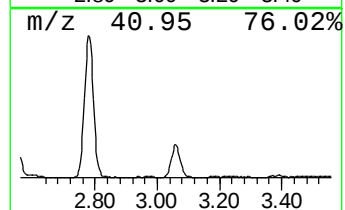
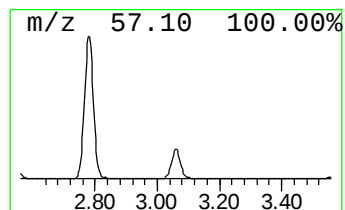
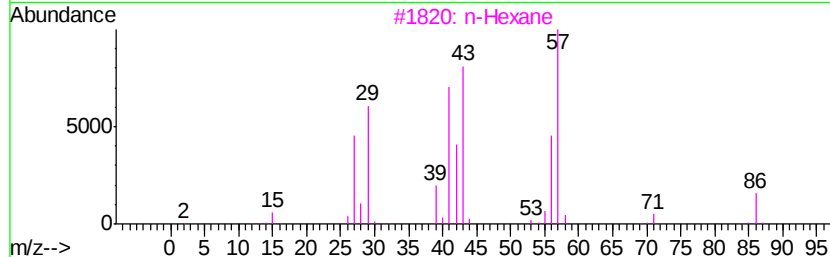
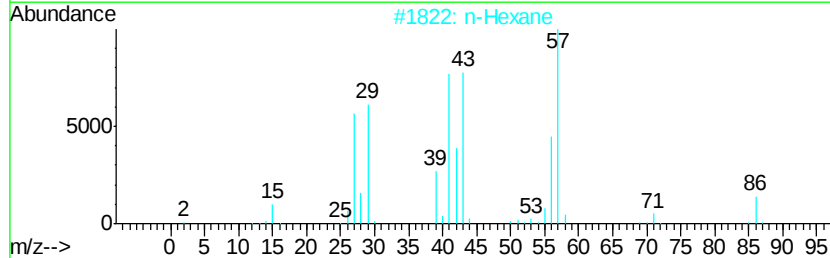
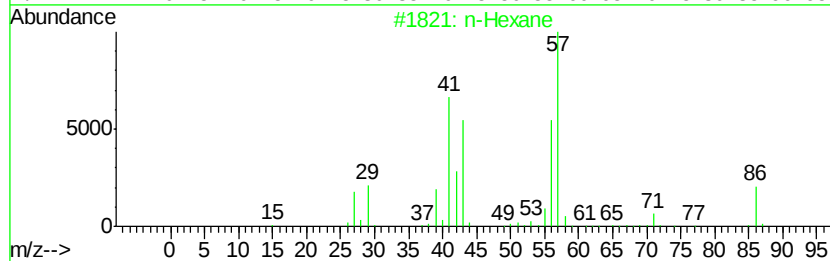
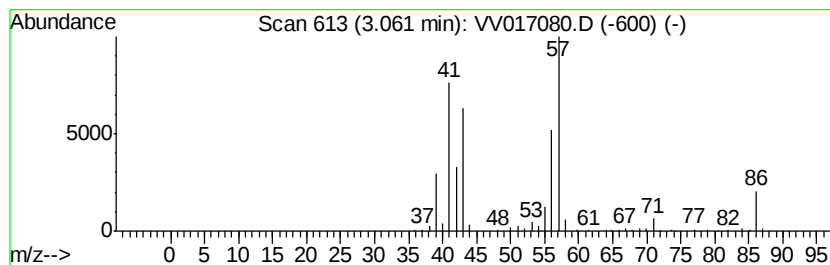
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	2.15 ug/L	195583	1,4-Difluorobenzene	5.64
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Hexane		86 C6H14	000110-54-3 94
2	n-Hexane		86 C6H14	000110-54-3 64
3	n-Hexane		86 C6H14	000110-54-3 59
4	Butane, 1-chloro-2-methyl-		106 C5H11Cl	000616-13-7 50
5	Hydroperoxide, hexyl		118 C6H14O2	004312-76-9 47



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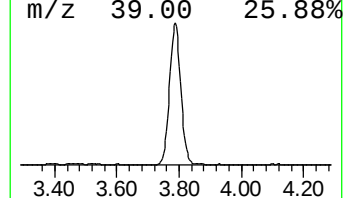
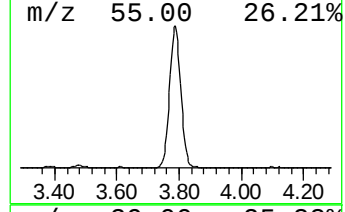
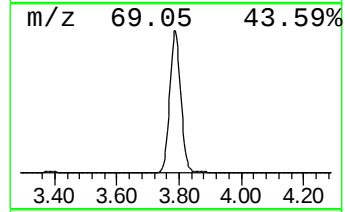
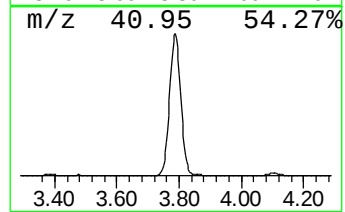
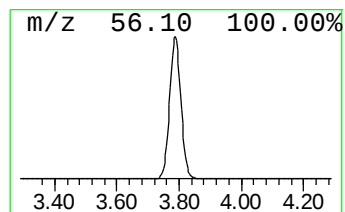
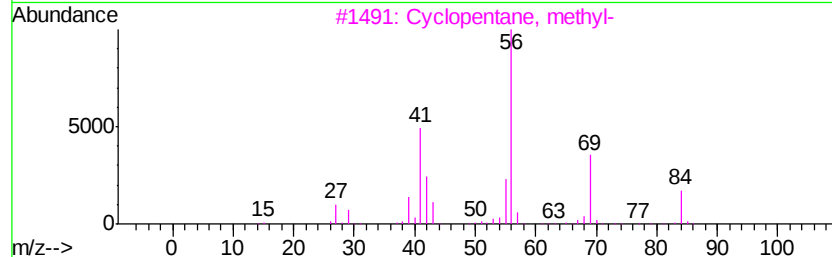
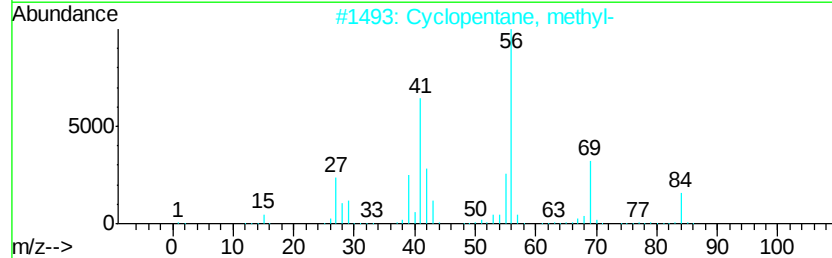
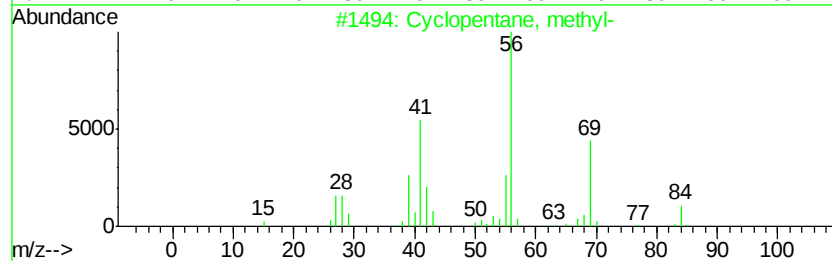
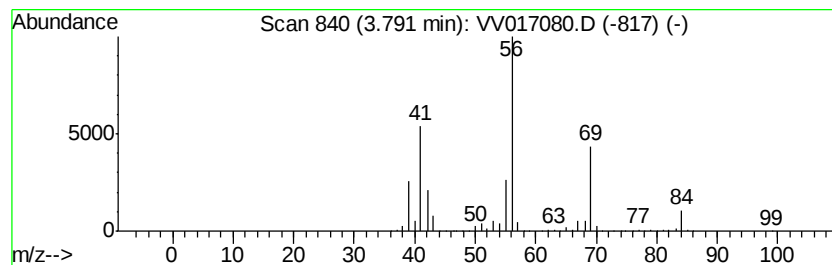
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Cyclic3.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.79	31.43 ug/L	2863450	1,4-Difluorobenzene	5.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3		Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4		Cyclohexane	84	C6H12	000110-82-7	78
5		1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062420\
Data File : VV017080.D
Acq On : 24 Jun 2020 18:41
Operator : SY/MD
Sample : L3105-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXK7

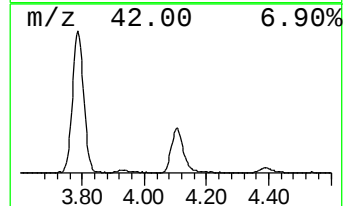
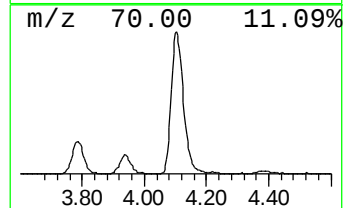
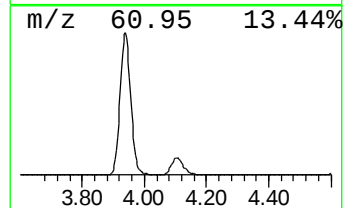
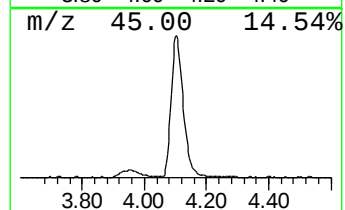
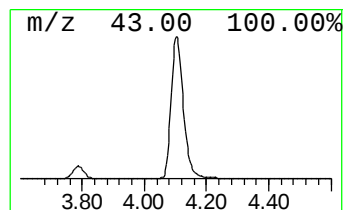
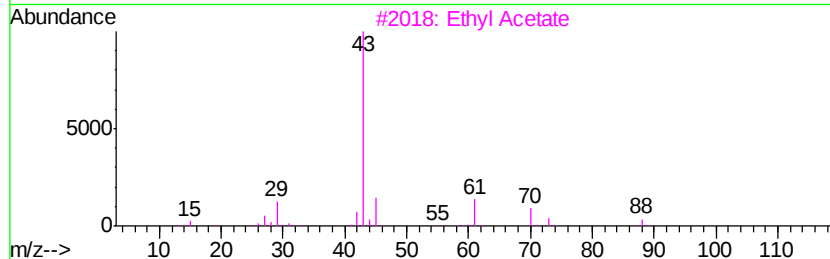
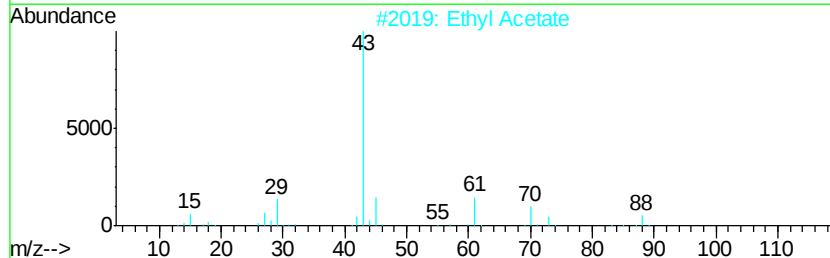
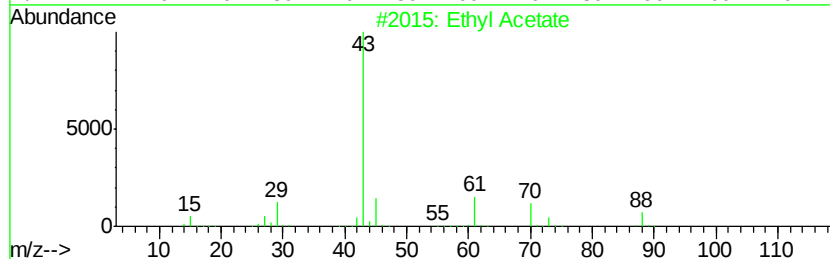
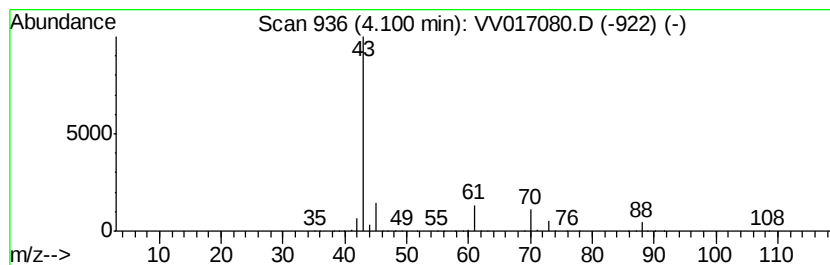
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Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Ethyl Acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	14.83 ug/L	1350650	1,4-Difluorobenzene	5.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2		Ethyl Acetate	88	C4H8O2	000141-78-6	90
3		Ethyl Acetate	88	C4H8O2	000141-78-6	86
4		Ethyl Acetate	88	C4H8O2	000141-78-6	86
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	33



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV062420\
Data File : VV017080.D
Acq On : 24 Jun 2020 18:41
Operator : SY/MD
Sample : L3105-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXK7

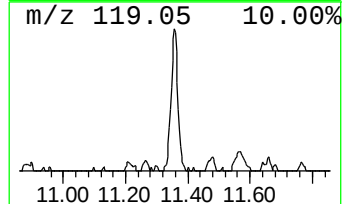
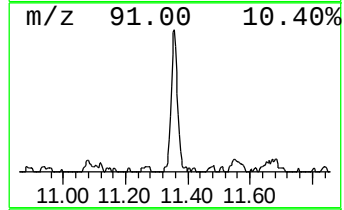
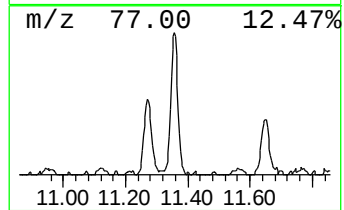
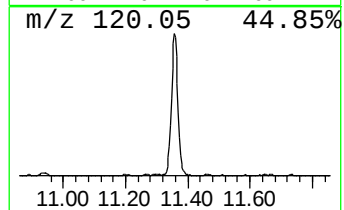
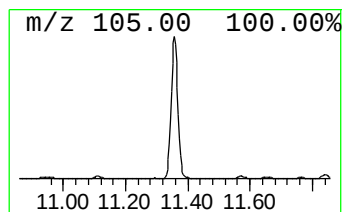
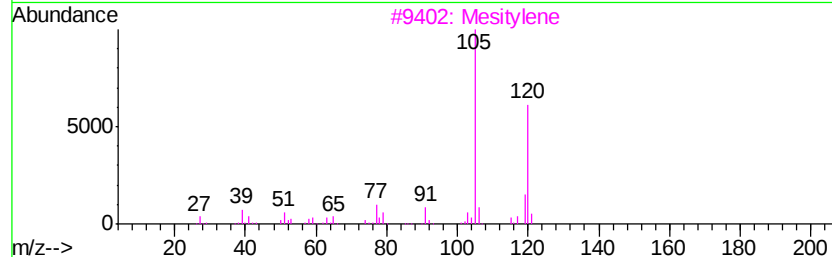
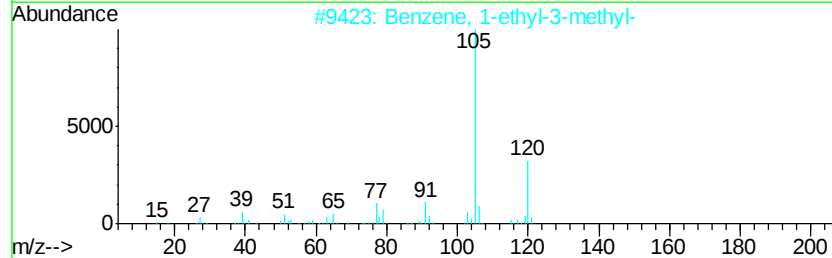
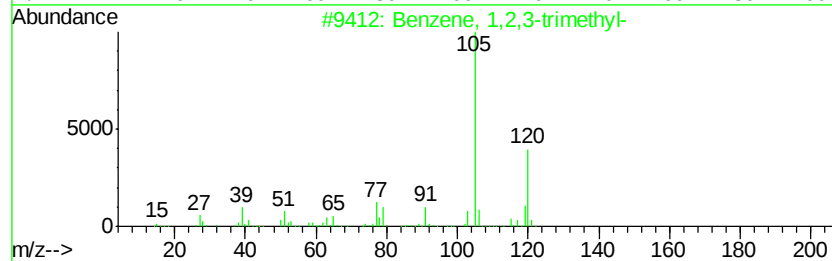
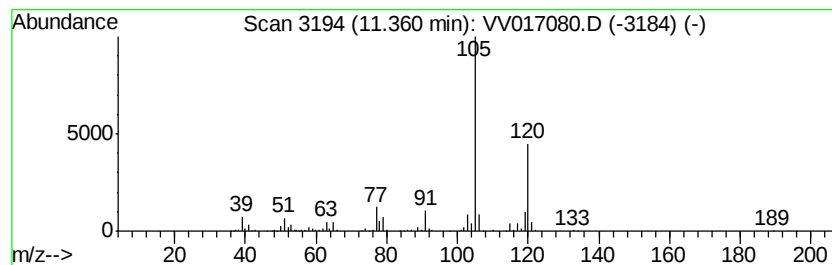
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.36	1.11 ug/L	177592	1,4-Dichlorobenzene-d4	11.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3		Mesitylene	120	C9H12	000108-67-8	91
4		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062420\
Data File : VV017080.D
Acq On : 24 Jun 2020 18:41
Operator : SY/MD
Sample : L3105-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFXK7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.11	1.6	ug/L	141558	1	5.64	455499	5.0
(DEL) Alkane: Str...	2.52	0.6	ug/L	58375	1	5.64	455499	5.0
(DEL) Alkane: Str...	2.55	2.3	ug/L	204684	1	5.64	455499	5.0
(DEL) Alkane: Str...	3.06	2.1	ug/L	195583	1	5.64	455499	5.0
(DEL) Alkane: Cyc...	3.79	31.4	ug/L	2863450	1	5.64	455499	5.0
Ethyl Acetate	4.10	14.8	ug/L	1350650	1	5.64	455499	5.0
Benzene, 1,2,3-tr...	11.36	1.1	ug/L	177592	3	11.27	800260	5.0