

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
 Data File : VU039605.D
 Acq On : 21 Jul 2020 18:29
 Operator : SY/MD
 Sample : L3347-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAY02

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_U\METHOD\SOMUTR072120WMA.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	1.366	3	8	27	rVB	445037	443489	93.89%	8.155%
2	1.498	41	49	63	rBV	45296	47617	10.08%	0.876%
3	1.597	70	80	97	rBV3	243471	409789	86.75%	7.536%
4	1.668	97	102	106	rVV	8735	10445	2.21%	0.192%
5	1.694	106	110	118	rVV	14701	18765	3.97%	0.345%
6	1.742	118	125	134	rVB	32461	38627	8.18%	0.710%
7	1.922	171	181	195	rVB2	66057	99172	21.00%	1.824%
8	2.006	195	207	218	rVB	53132	74348	15.74%	1.367%
9	2.166	248	257	265	rBV	75935	103894	21.99%	1.911%
10	2.221	265	274	292	rVB3	63671	130669	27.66%	2.403%
11	2.330	301	308	315	rVB2	7679	9625	2.04%	0.177%
12	2.427	324	338	347	rBV2	24829	39136	8.29%	0.720%
13	2.481	347	355	363	rVB2	5494	7789	1.65%	0.143%
14	2.581	370	386	398	rBV	80166	136084	28.81%	2.502%
15	2.649	399	407	420	rVB2	9199	17320	3.67%	0.318%
16	2.877	467	478	488	rBV4	7247	12476	2.64%	0.229%
17	2.996	499	515	523	rBV7	9001	22849	4.84%	0.420%
18	3.099	539	547	557	rVV3	6473	12170	2.58%	0.224%
19	3.153	557	564	577	rVB7	4517	9181	1.94%	0.169%
20	3.382	623	635	651	rVB2	8183	18790	3.98%	0.346%
21	3.604	687	704	721	rVB5	25955	66144	14.00%	1.216%
22	3.719	728	740	755	rVB3	11051	23711	5.02%	0.436%
23	3.851	768	781	793	rBV6	5007	10650	2.25%	0.196%
24	3.919	793	802	807	rBV6	3277	5890	1.25%	0.108%
25	4.215	881	894	908	rVB5	6272	15213	3.22%	0.280%
26	4.472	957	974	985	rBV4	4729	11607	2.46%	0.213%
27	4.649	1013	1029	1048	rBV	69903	182329	38.60%	3.353%
28	5.086	1150	1165	1187	rVB2	71958	175793	37.22%	3.233%
29	5.465	1270	1283	1303	rVB5	4604	13658	2.89%	0.251%
30	5.610	1314	1328	1342	rVB5	5418	11916	2.52%	0.219%
31	5.742	1348	1369	1397	rBV2	148169	406485	86.05%	7.475%
32	5.980	1434	1443	1445	rBV4	5375	6152	1.30%	0.113%
33	6.034	1453	1460	1478	rVB7	9202	22015	4.66%	0.405%
34	6.153	1487	1497	1505	rBV5	6113	12458	2.64%	0.229%

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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

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Title : TRACE VOA SOM01.0

35	6.266	1515	1532	1553	rBV	155961	307497	65.10%	5.655%
36	6.568	1613	1626	1635	rVB8	4333	7886	1.67%	0.145%
37	6.706	1653	1669	1682	rBV2	95199	185981	39.37%	3.420%
38	6.777	1682	1691	1704	rVB8	5636	12522	2.65%	0.230%
39	6.890	1716	1726	1737	rBV5	5382	11555	2.45%	0.212%
40	7.427	1883	1893	1904	rBV9	2397	5933	1.26%	0.109%
41	7.578	1928	1940	1961	rBV	48233	88833	18.81%	1.634%
42	7.906	2029	2042	2055	rBV	183630	313036	66.27%	5.756%
43	7.976	2056	2064	2074	rVB	22589	35540	7.52%	0.654%
44	8.185	2119	2129	2140	rBV	29610	50763	10.75%	0.933%
45	8.558	2236	2245	2255	rVB5	9924	15841	3.35%	0.291%
46	8.642	2255	2271	2298	rBV	257597	472360	100.00%	8.686%
47	8.793	2308	2318	2331	rVB3	8954	16053	3.40%	0.295%
48	9.420	2501	2513	2540	rBV	223852	380968	80.65%	7.006%
49	9.574	2551	2561	2570	rBV2	16775	26807	5.68%	0.493%
50	9.693	2584	2598	2608	rBV2	8599	15485	3.28%	0.285%
51	10.102	2716	2725	2742	rBV3	9936	18115	3.83%	0.333%
52	10.346	2794	2801	2810	rVB5	3586	5482	1.16%	0.101%
53	10.558	2857	2867	2877	rBV3	8192	12331	2.61%	0.227%
54	10.758	2917	2929	2941	rBV	76619	124286	26.31%	2.285%
55	11.465	3141	3149	3160	rVB3	6082	9346	1.98%	0.172%
56	11.680	3208	3216	3226	rVB7	4983	8398	1.78%	0.154%
57	11.809	3243	3256	3273	rVB	224606	372186	78.79%	6.844%
58	12.188	3362	3374	3387	rVB	190206	307654	65.13%	5.657%
59	12.880	3580	3589	3600	rVB6	4670	6924	1.47%	0.127%

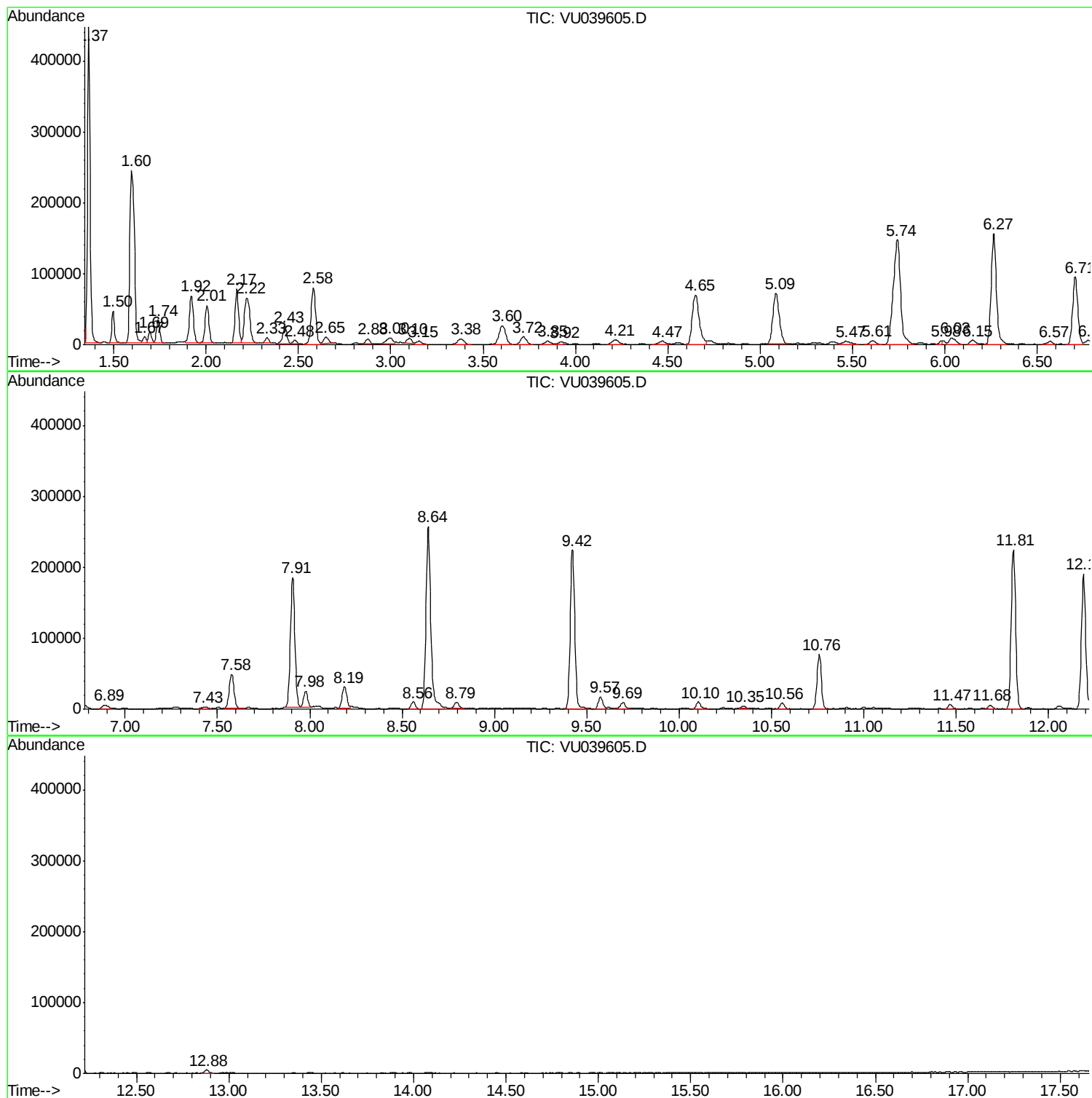
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Quant Title : TRACE VOA SOM01.0

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



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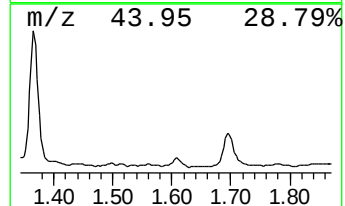
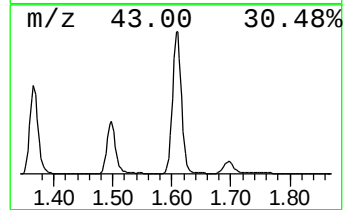
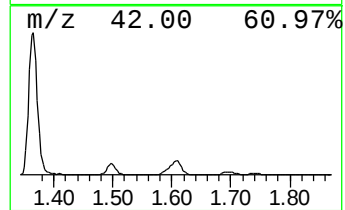
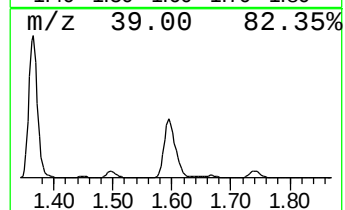
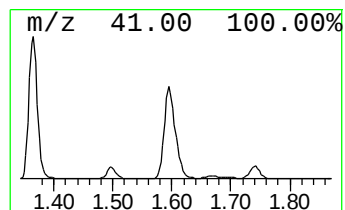
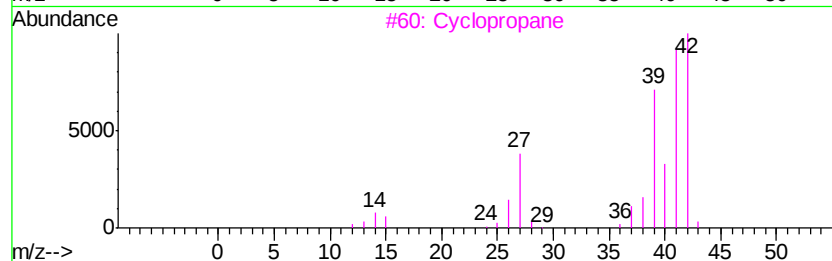
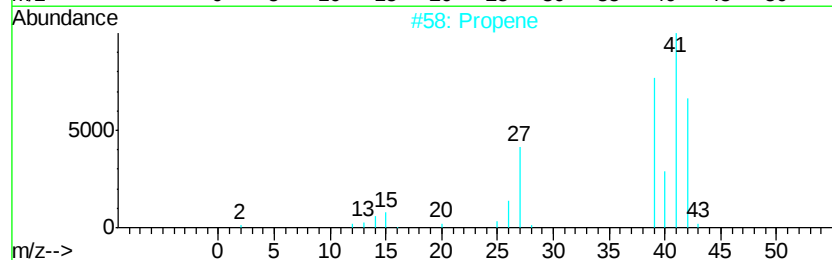
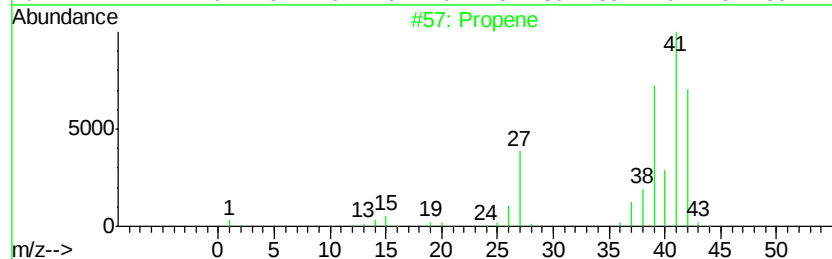
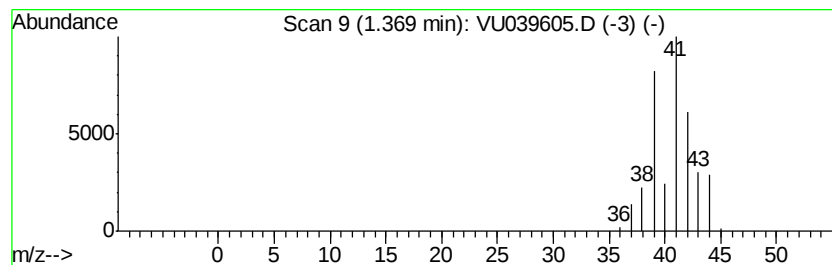
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Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	7.21 ug/L	443489	1,4-Difluorobenzene	6.27

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



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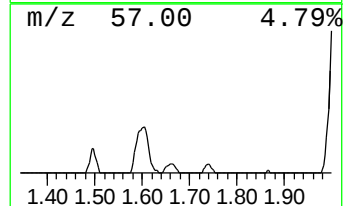
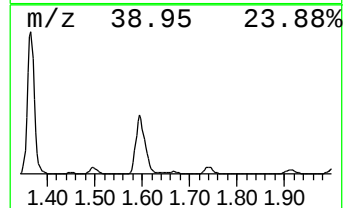
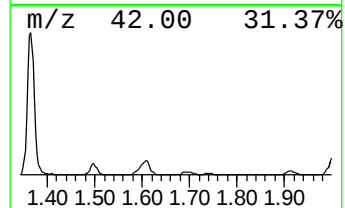
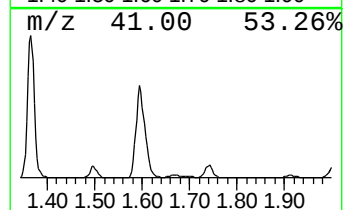
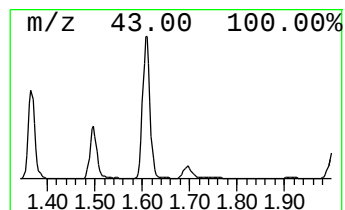
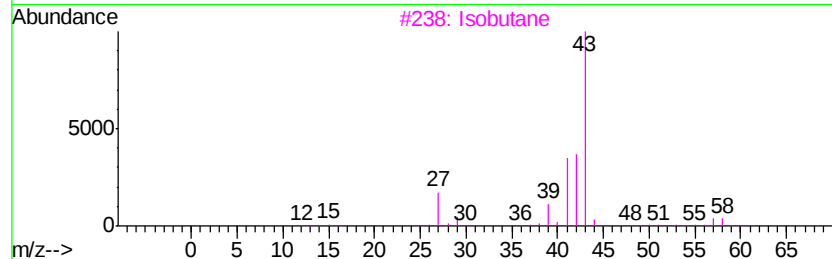
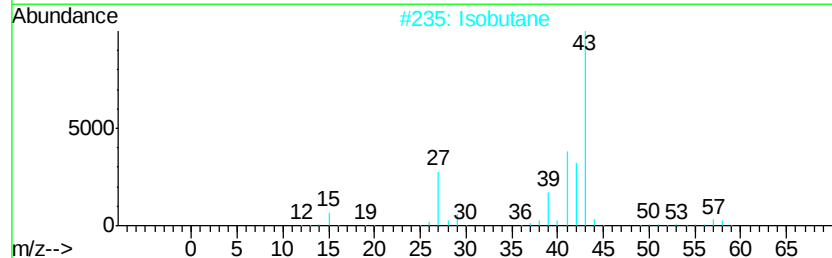
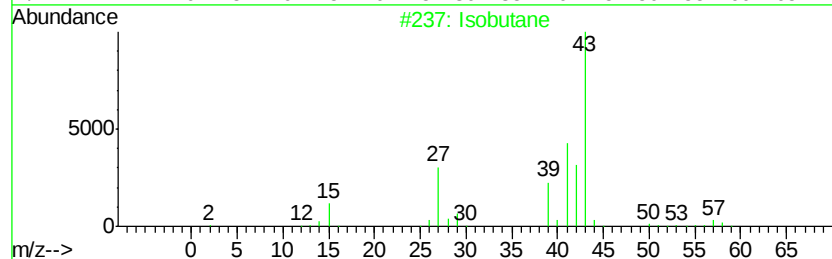
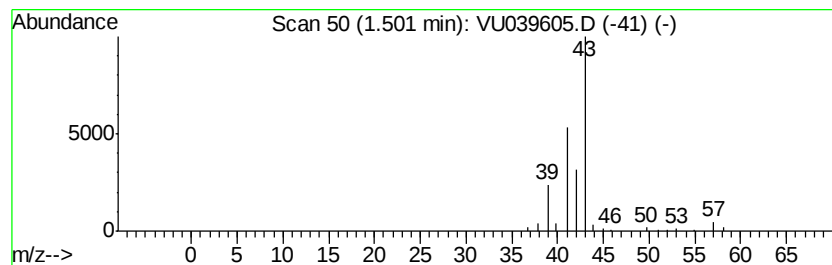
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.50	0.77 ug/L	47617	1,4-Difluorobenzene	6.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isobutane	58	C4H10	000075-28-5	59
2			Isobutane	58	C4H10	000075-28-5	53
3			Isobutane	58	C4H10	000075-28-5	36
4			Isobutane	58	C4H10	000075-28-5	9
5			Propane, 2-nitro-	89	C3H7NO2	000079-46-9	9



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Instrument :
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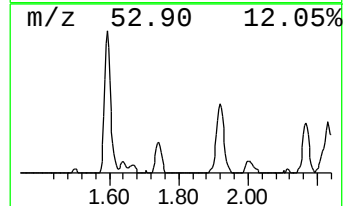
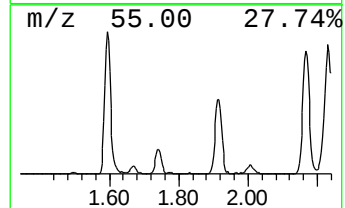
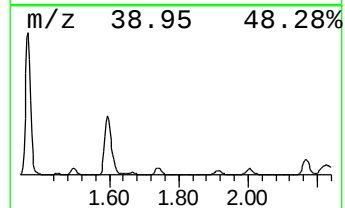
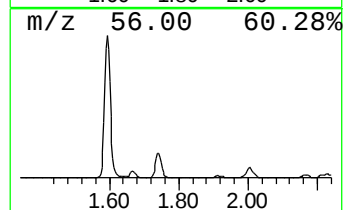
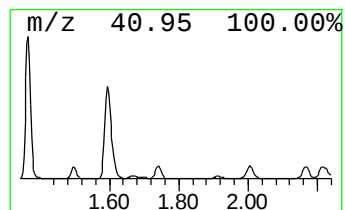
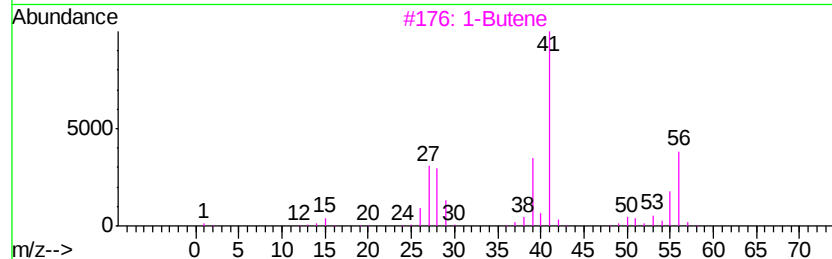
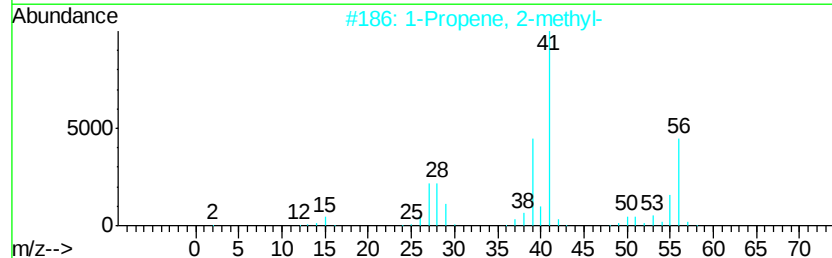
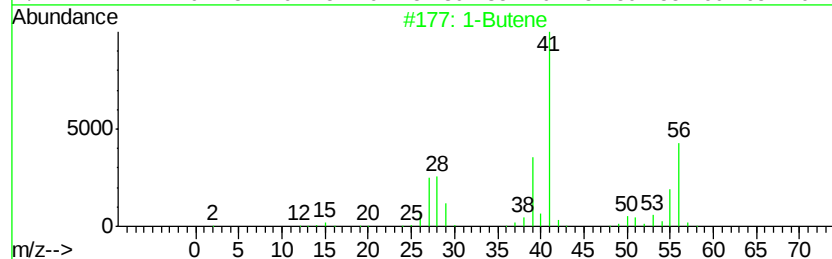
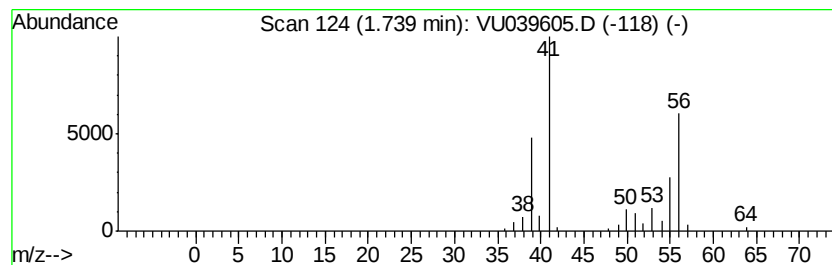
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.74	0.63 ug/L	38627	1,4-Difluorobenzene	6.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butene	56	C4H8	000106-98-9	72
2		1-Propene, 2-methyl-	56	C4H8	000115-11-7	72
3		1-Butene	56	C4H8	000106-98-9	72
4		2-Butene, (Z)-	56	C4H8	000590-18-1	64
5		2-Butene, (E)-	56	C4H8	000624-64-6	64



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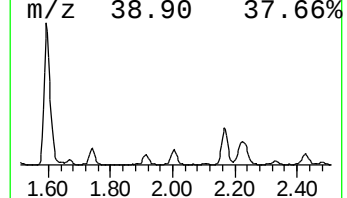
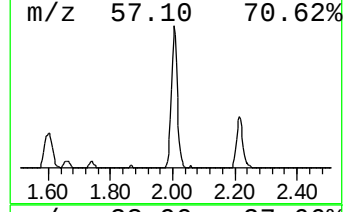
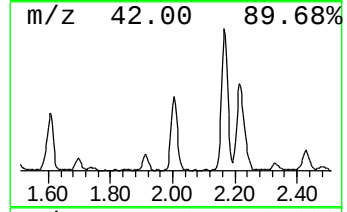
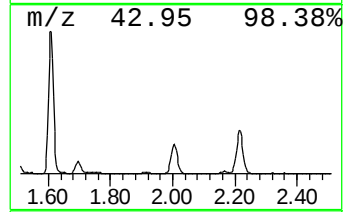
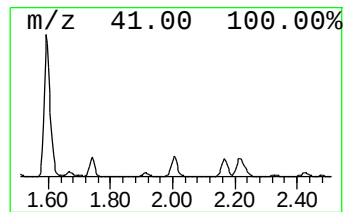
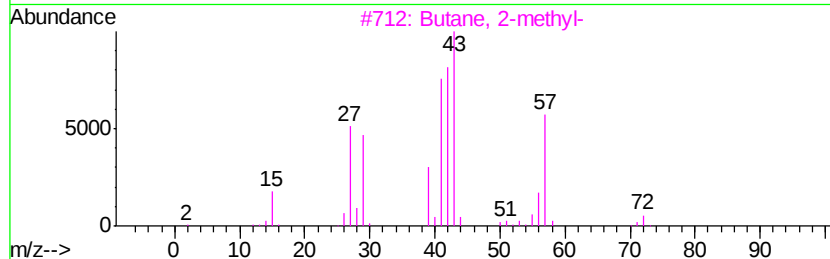
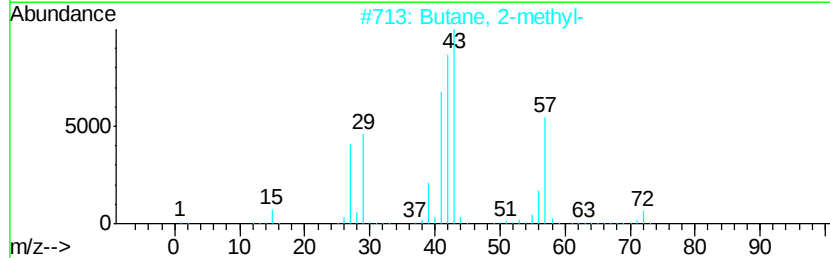
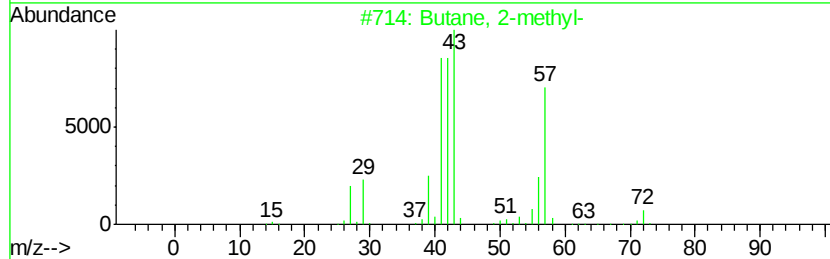
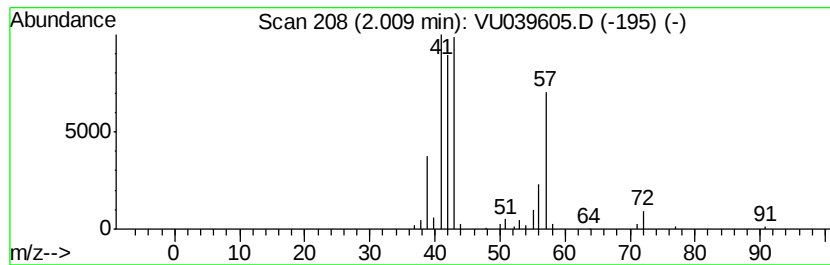
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	1.21 ug/L	74348	1,4-Difluorobenzene	6.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Butane, 2-methyl-	72	C5H12	000078-78-4	81
2		Butane, 2-methyl-	72	C5H12	000078-78-4	72
3		Butane, 2-methyl-	72	C5H12	000078-78-4	64
4		3-Buten-1-ol	72	C4H8O	000627-27-0	33
5		Pentane	72	C5H12	000109-66-0	25



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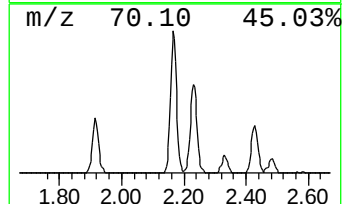
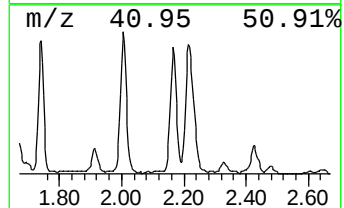
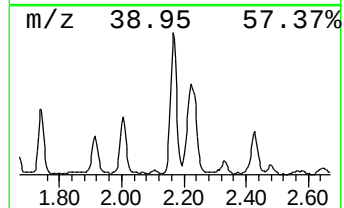
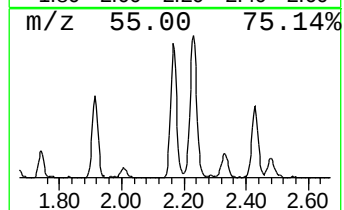
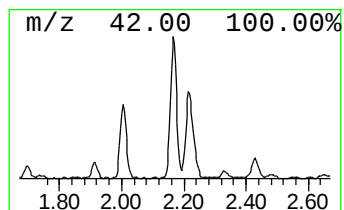
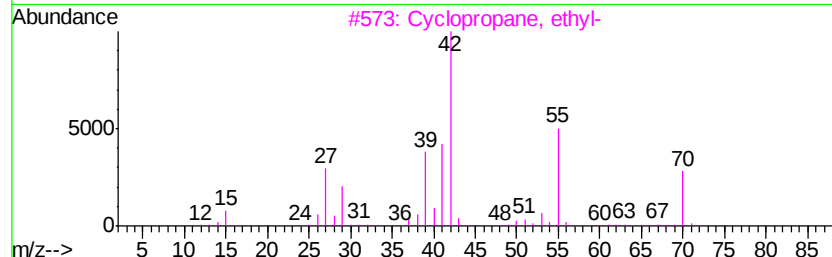
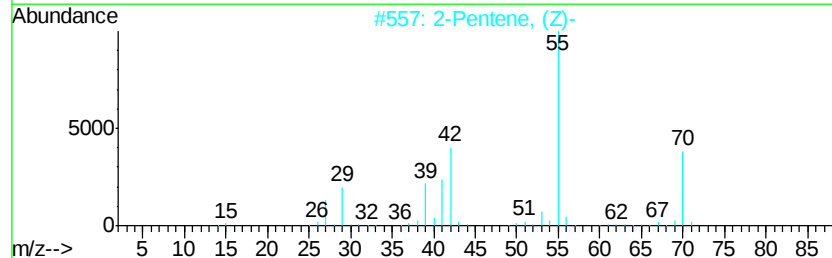
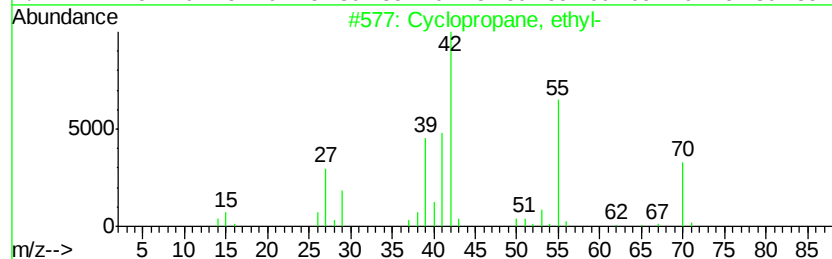
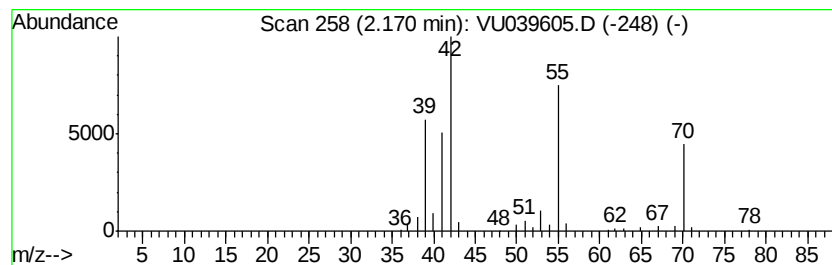
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 5 (DEL) Alkane: Cyclic2.17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.17	1.69 ug/L	103894	1,4-Difluorobenzene	6.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	91
2		2-Pentene, (Z)-	70	C5H10	000627-20-3	83
3		Cyclopropane, ethyl-	70	C5H10	001191-96-4	68
4		1-Pentene	70	C5H10	000109-67-1	64
5		Cyclobutane, methyl-	70	C5H10	000598-61-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039605.D
Acq On : 21 Jul 2020 18:29
Operator : SY/MD
Sample : L3347-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

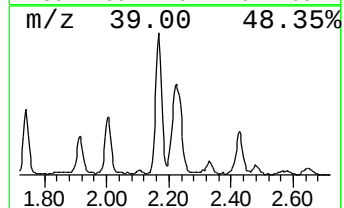
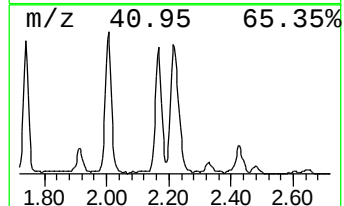
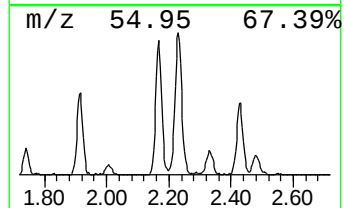
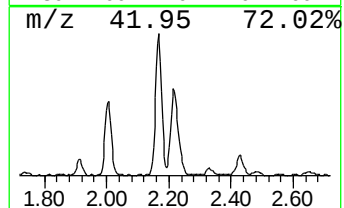
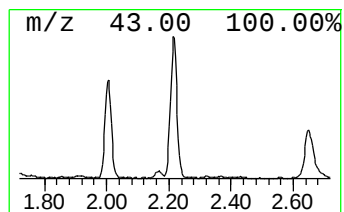
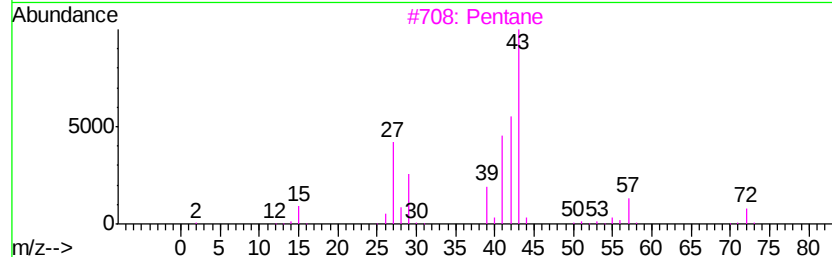
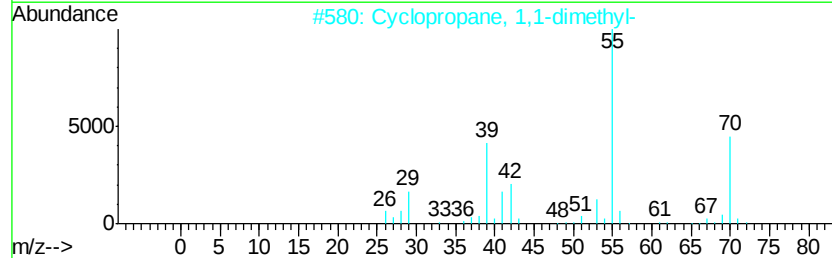
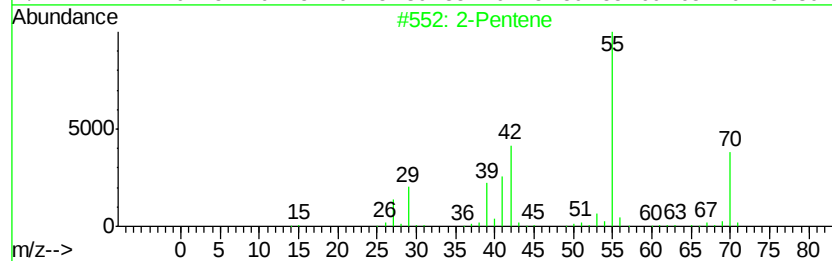
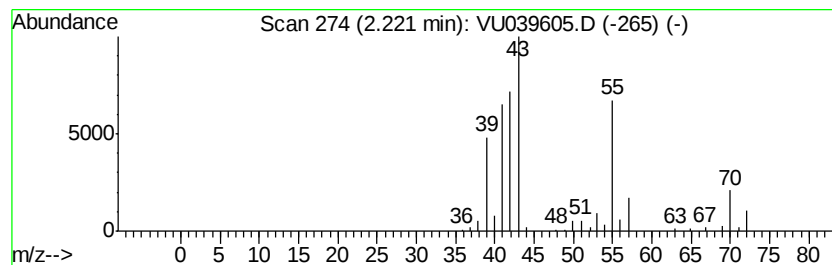
Instrument :
MSVOA_U
ClientSampleId :
GAY02

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.22	2.12 ug/L	130669	1,4-Difluorobenzene	6.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Pentene		70 C5H10	000109-68-2 52
2	Cyclopropane, 1,1-dimethyl-		70 C5H10	001630-94-0 47
3	Pentane		72 C5H12	000109-66-0 43
4	Cyclopropane, ethyl-		70 C5H10	001191-96-4 38
5	Pentane, 1-chloro-		106 C5H11Cl	000543-59-9 38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039605.D
Acq On : 21 Jul 2020 18:29
Operator : SY/MD
Sample : L3347-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAY02

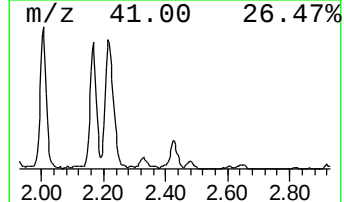
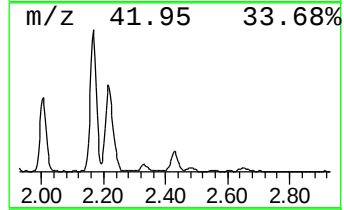
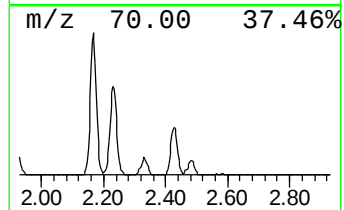
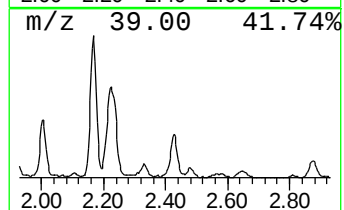
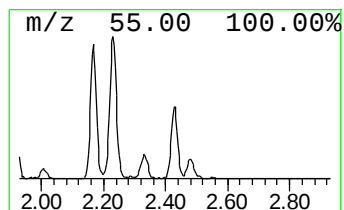
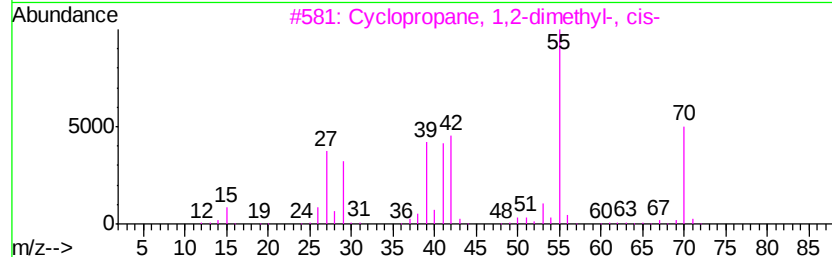
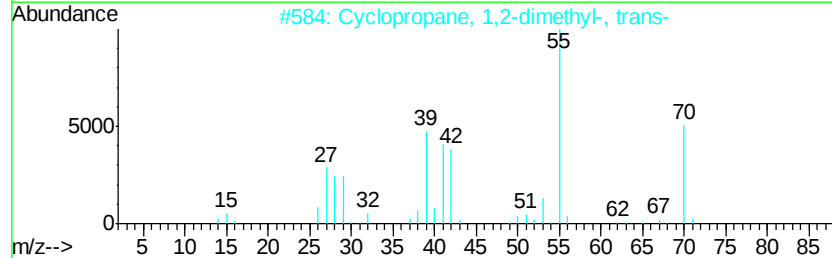
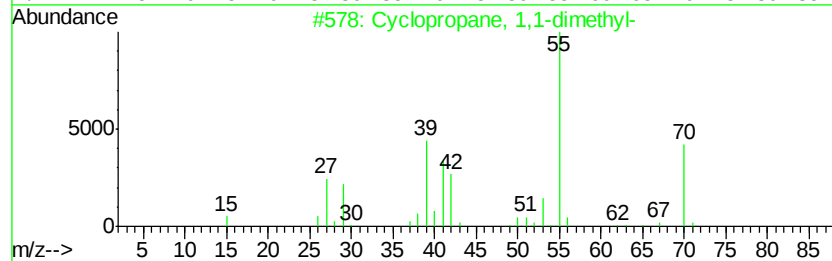
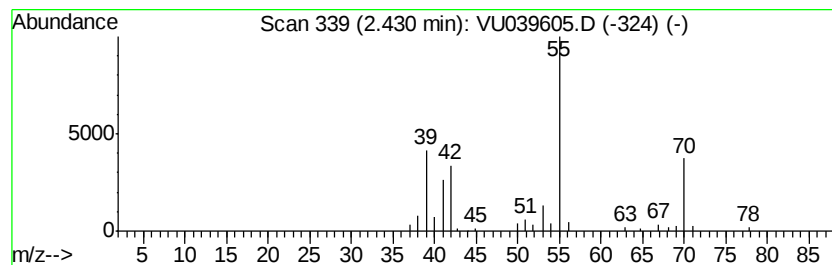
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 7 (DEL) Alkane: Cyclic2.43 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	0.64 ug/L	39136	1,4-Difluorobenzene	6.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	87
2		Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
3		Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	83
4		Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	83
5		2-Butene, 2-methyl-	70	C5H10	000513-35-9	80



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039605.D
Acq On : 21 Jul 2020 18:29
Operator : SY/MD
Sample : L3347-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAY02

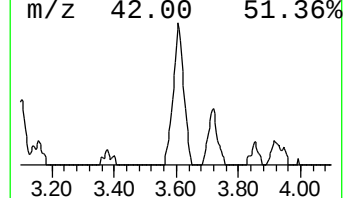
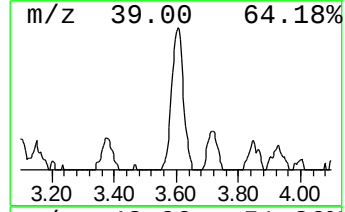
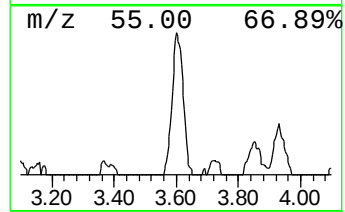
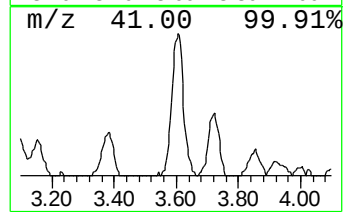
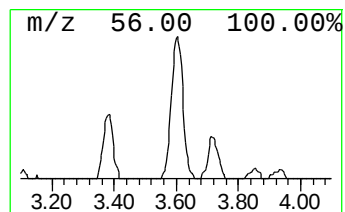
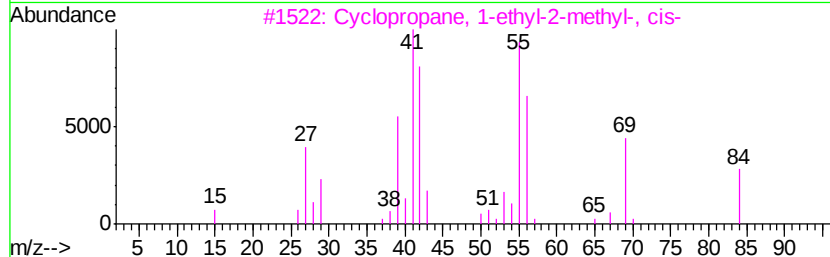
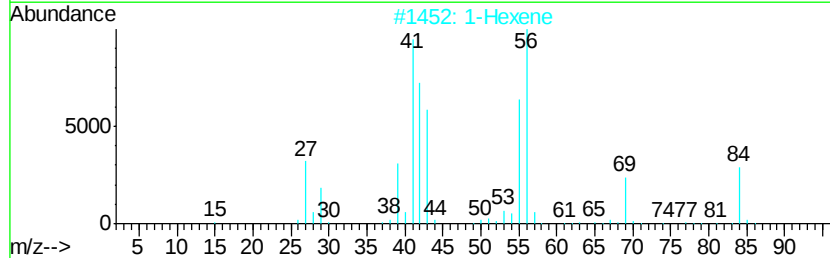
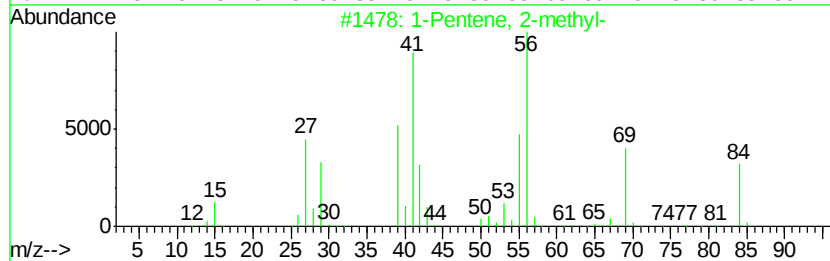
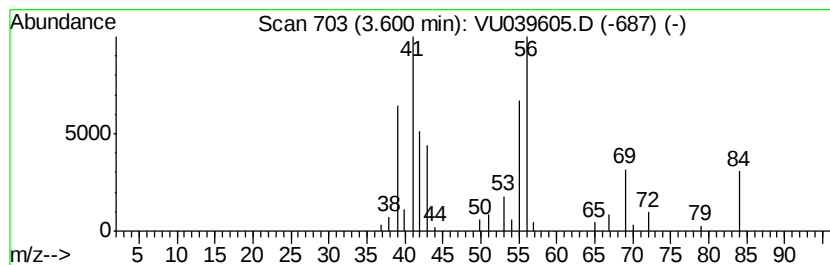
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Quant Title : TRACE VOA SOM01.0

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	1.08 ug/L	66144	1,4-Difluorobenzene	6.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
2		1-Hexene	84	C6H12	000592-41-6	58
3		Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	53
4		3-Hexene, (E)-	84	C6H12	013269-52-8	52
5		1-Hexene	84	C6H12	000592-41-6	49



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
Data File : VU039605.D
Acq On : 21 Jul 2020 18:29
Operator : SY/MD
Sample : L3347-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAY02

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
Quant Title : TRACE VOA SOM01.0

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

						--Internal Standard--			
TIC Top Hit name		RT	EstConc	Units	Response	#	RT	Resp	Conc

(DEL) Alkane: Str...		1.37	7.2	ug/L	443489	1	6.27	307497	5.0
(DEL) Alkane: Str...		1.50	0.8	ug/L	47617	1	6.27	307497	5.0
(DEL) Alkane: Str...		1.74	0.6	ug/L	38627	1	6.27	307497	5.0
(DEL) Alkane: Str...		2.01	1.2	ug/L	74348	1	6.27	307497	5.0
(DEL) Alkane: Cyc...		2.17	1.7	ug/L	103894	1	6.27	307497	5.0
(DEL) Alkane: Str...		2.22	2.1	ug/L	130669	1	6.27	307497	5.0
(DEL) Alkane: Cyc...		2.43	0.6	ug/L	39136	1	6.27	307497	5.0
(DEL) Alkane: Str...		3.60	1.1	ug/L	66144	1	6.27	307497	5.0